KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

KERN COG BOARD ROOM **WEDNESDAY**
1401 19TH STREET, THIRD FLOOR **January 4, 2023**
BAKERSFIELD, CALIFORNIA **10:00 A.M.**

TTAC GoToMeeting Information
https://www.gotomeet.me/KernCOG/ttacmeeting
Dial +1 (786) 535-3211
Access Code: 269-963-557
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I. ROLL CALL:

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. APPROVAL OF DISCUSSION SUMMARY:
- **a.** Minutes from meeting of October 5, 2022, and
- **b.** Minutes from joint meeting with Regional Planning Advisory Committee (RPAC) on November 2, 2022; ROLL CALL VOTE.

IV. FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AMENDMENT – TIMELINE (Pacheco)

Comment: Upcoming amendment schedule for next 2023 FTIP Amendment.

Action: Information.

V. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – STATEWIDE CALL FOR PROJECTS (Snoddy)

Comment: The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

Action: Information.

VI. **KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR CALL FOR PROJECTS** (Enriquez)

Comment: Caltrans State of Good Repair (SGR) Program allocates annual funds from Senate Bill No.1 legislation to the Kern region in combination with a supplemental allocation of the State Transit Assistance (STA) fund totaling $1,487,518.

Action: Recommend the Transportation Planning Policy Committee amend the FY 2022-23 State of Good Repair regional program of projects by resolution to memorialize the transfer FY 2022-23 SGR "50 percent" fund from Golden Empire Transit District (GET) to the City of Tehachapi and request the chairman and executive director to authorize the transfer by signature.

VII. **ANNOUNCEMENTS**

a. January 13, 2023: Project Delivery Letters for Active Transportation Program (ATP), Congestion Mitigation Air Quality Program (CMAQ), and Regional Surface Transportation Program (RSTP) projects are due January 13, 2023 to rpacheco@kerncog.org

b. January 13, 2023: Project Delivery Letters for TDA Article 3 projects are due January 13, 2023 to bsnoddy@kerncog.org

VIII. **MEMBER ITEMS**

IX. **ADJOURNMENT –** The next meeting will be held on February 1, 2023.

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR OCTOBER 5, 2022 MEETING

KERN COG BOARD ROOM/GO TO MEETING
1401 19th Street, Suite 300
BAKERSFIELD, CALIFORNIA

Wednesday
October 5, 2022
10:00 A.M.

Chairman Schlosser called the meeting to order at approximately 10:01 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Christine Viterelli	City of Arvin
	Luis Topete	City of Bakersfield
	Pedro Nunez	City of Delano
	Yolanda Alcantar	County of Kern
	Alex Gonzalez	City of Shafter
	Teresa Binkley	City of Taft
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Lorena Mendibles	Caltrans
	Steve Barnes	Golden Empire Transit
OTHER:	Maria Martinez	City of Wasco
	Ryan Starbuck	City of Bakersfield
	Cindy Parra	Bike Bakersfield
	Trista Carter	TDH
	Bonita Steele	
	Emilio Huerta	
STAFF:	Angie Banuelos	Rochelle Invina-Jayasiri
	Raquel Pacheco	Bob Snoddy
	Becky Napier	Irene Enriquez
	Joe Stramaglia	

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SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of August 31, 2022 (September).

There were no comments or questions from the committee members. Mr. Barnes made a motion to approve the discussion summary, Ms. Viterelli seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

IV. **FY 2020-21 TDA STREETS & ROADS CLAIM – CITY OF RIDGECREST**
FY 2021-22 TDA PUBLIC TRANSIT & STREETS & ROADS CLAIMS – CITY OF RIDGECREST
FY 2021-22 TDA PUBLIC TRANSIT & STREETS & ROADS CLAIMS – CITY OF DELANO
FY 2022-23 TDA PUBLIC TRANSIT CLAIM – KERN REGIONAL TRANSIT

Ms. Banuelos stated according to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The cities of Ridgecrest, Delano and Kern Regional Transit have submitted TDA claims which total $12,835,133. Kern COG staff has reviewed the claims and recommended approval. Staff asked TTAC to review TDA Public Transit Claim for the Cities of Ridgecrest, Delano and Kern Regional Transit and recommend approval to the Transportation Planning Policy Committee.

Ms. Viterelli made the motion to recommend approval. Mr. Topete seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

V. **CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – STATEWIDE CALL FOR PROJECTS**

Mr. Snoddy provided an update on Cycle 6 Active Transportation Program (ATP). The California Transportation Commission (CTC) closed call for projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications. Once we hear about the CTC staff recommendation for state funded projects on October 21st, Kern COG will move forward and schedule an ATP workshop to develop a financially-constrained MPO list.

This item is for information only.

VI. **ANNOUNCEMENTS –**

a. Ms. Pacheco reminded members to please save the date for the next Project Accountability Team meeting which is October 18th at 10:00 AM.
b. Ms. Napier reported on the September 28th REAP 2.0 Workshop. The group decided to focus on housing projects. She reported on the questions and responses that were sent to HCD. HCD encourages the projects correlation to bike and infill housing. She reminded the surveys to rank the projects are due October 7th. There is a second workshop scheduled for October 12th. In addition, the TTAC and RPAC meeting on November 2nd will be a joint meeting at 10:00am.

VII. **MEMBER ITEMS –** No member items.

VIII. **ADJOURNMENT –** Meeting adjourned at 10:12am. The next meeting will be held on November 2, 2022, a joint meeting with RPAC.

KERN COUNCIL OF GOVERNMENTS
JOINT MEETING OF THE
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
REGIONAL PLANNING ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR NOVEMBER 2, 2022 MEETING

KERN COG BOARD ROOM/GO TO MEETING
1401 19th Street, Suite 300
BAKERSFIELD, CALIFORNIA
MUST BE IN-PERSON IN ORDER TO VOTE.

Wednesday
November 2, 2022
10:00 A.M.

TTAC Chairman Schlosser called the meeting to order at approximately 10:01 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

TTAC MEMBERS PRESENT:	Christine Viterelli	City of Arvin (RPAC member)
	Luis Topete	City of Bakersfield
	Yolanda Alcantar	County of Kern
	Mario Gonzales	City of McFarland
	Alex Gonzalez	City of Shafter
	Craig Jones	City of Taft
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Lorena Mendibles	Caltrans (virtual and RPAC member)
RPAC MEMBERS PRESENT:	Brianna DeLeon	City of McFarland
	Steve Esselman	City of Shafter
	Mark Staples	City of Taft
	Keri Cobb	City of Wasco
	Ricardo Perez	GET (TTAC alternate member)
OTHER:	Emilio Huerta	City of Arvin
	Ryan Starbuck	City of Bakersfield
	Gary Hallen	City of Bakersfield
	Jason Cater	City of Bakersfield
	Apryl Tovar	City of Bakersfield
	Viviana Alapisco	City of Delano
	Richard Albright	City of Maricopa
	Michelle Kincaid	City of Taft
	Maria Lara	City of Wasco
	Aurelio Garcia	City of Wasco
	Michael Dillenbeck	County of Kern
	Lilly J. Parker	Bakersfield Senior Center
	LaDonna Norwood	Bakersfield Senior Center
	Stephen Amstutz	SJSS
	Cindy Parra	Bike Bakersfield
	Bonita Steele	KCCD
	Greg Collins	RTKC
	Veronica Vasquez	Delano
	Trudy Gerald	
	Troy Hightower	TDH
STAFF:	Ahron Hakimi	Becky Napier
	Bob Snoddy	Rochelle Invina-Jayasiri
	Irene Enriquez	Raquel Pacheco
	Joe Stramaglia	Rob Ball
	Tom Whitaker	

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SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of October, 2022 – Postponed to next TTAC meeting.

IV. PROJECT ACCOUNTABILITY TEAM REPORT

In the interest of time, Ms. Pacheco requested to please send any questions to her via email.

This item is for information only.

V. CMAQ FUNDING REQUEST

Kern COG staff seeks Transportation Technical Advisory Committee direction on which option to forward to the Transportation Planning Policy Committee. The options are:

Option 1: Fund Tehachapi's request; Option 2: Fund Wasco's request; Option 3: Allow for a Kern County project swap thereby funding both the Tehachapi and Wasco requests; Option 4: Do nothing.

Ms. Viterelli made the motion to recommend Option 3. Mr. Topete seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

VI. REGIONAL EARLY ACTION PLANNING 2.0 GRANT FUNDING

Comment: Ms. Napier stated that two workshops were conducted, Wednesday September 28, and Wednesday, October 12, 2022. During both workshops, each Agency was allotted time to present their project and answer questions. Ms. Napier reviewed the Grant Timeline and Workshop Results. The results of the Survey conducted to rank the projects is as follows (with [1] being the most desirable project):

City of Arvin	TCC Collaborative	3.417
City of Bakersfield	Bakersfield Senior Center	1.5
City of Bakersfield	Hageman Bike Path	4.583
City of Shafter	Tract 6713	2.5
City of Wasco	Alley Reconstruction (ADUs)	3.5

Ms. Napier then reviewed the comments submitted by participants:

I would like to take this opportunity to reiterate our concern, as also pointed out by other agencies, with Arvin's project and their ability to deliver their project within the parameters and deadlines established with the funding requirements of REAP 2.0. I don't mean to say that their staff is not capable of delivering projects, it is rather the timeline of their permits, other funding process and delivery of their project in less than 2 years.

I would like for the top 5 projects to be submitted with the full $17mil request. However, in order to fit the $12.6mil budget, I only recommend the top 4 projects submitted with adjustments on both housing projects from Arvin and Bakersfield. I would recommend to fully fund Shafter and Wasco's projects… subtract Arvin's $1.2mil for the transportation hub bringing their request down to $6.1mil… then give the remaining $5,590,482 to the Bakersfield Senior Center Project, more specifically for the larger mixed use development.

I have included ranking for projects with adjusted dollar amounts to meet the $12,670,717 allocation and without adjusted amounts totaling the full $17,280,235 ask. Adjustments:

City of Arvin	$5,000,000	(Leveraged funds $4,000,000; Water, Sewer, Power $1,000,000)
City of Bakersfield BSC	$6,690,483	
City of Bakersfield Bike Path	$0	
City of Shafter	$230,234.59	
City of Wasco	$750,000	
Total Funding	$12,670,717.59	

My take on asking for more money than our allotment is that it is potentially risky since our project list does not lend itself to just dropping the bottom project to fit within the $12 million allocation. In that case, we would end up having to figure out what to cut and how to cut it anyway if the State doesn't have additional funds available or if they come up with some alternate method of disbursing additional funds.

Ms. Napier also discussed a webinar that she participated in on Tuesday, November 1, with CALCOG and other California MPOs. She stated that everyone is concerned about the timeline for the grant and the ability of HCD to respond in a timely manner to the December application process and provide timely agreements to the applicants to meet the very tight timeline. The meeting was then turned over to Chairman Schlosser.

Chairman Schlosser asked if there were any comments from the audience. One comment was received virtually from Troy Hightower. Chairman Schlosser then asked if any TTAC or RPAC members had questions. Each applicant was asked a series of questions concerning their projects (generally the questions were the same to each applicant). After the questioning was complete, Chairman Schlosser asked if there was a suggestion on how to proceed. RPAC Chairman Staples stated that he was ready to make a motion. After final questions from Committee Members, the following action was taken:

Action: RPAC Chairman Staples made a motion to recommend to the Kern COG Board to submit an application in the amount of $12,670,717 for the following project and amounts:

$750,000	Wasco Alley Rehabilitation for ADUs
$230,235	Shafter Tract 6713
$6,000,000	Bakersfield Senior Center Affordable Senior Housing & Facility
$5,690,482	Arvin "Keeping it Green in the San Joaquin"

and create a contingency list with the application to include:

$3,000,000	Bakersfield Hageman Bike Path
$1,609,518	Remained of Arvin Project

Motion seconded by Committee Member Esselman with a unanimous roll call vote.

VII. ANNOUNCEMENTS

a. Mr. Snoddy announced the CTC has scored the Cycle 6 Active Transportation Program – Kern Region submitted and received application list that includes project recommended for state funding (see attachment), and provided an overview of the timeline.

VIII. MEMBER ITEMS

a. Ms. Mendibles announced there will be a Clean California Workshop tomorrow, November 9th. She also added the Sustainable Transportation Planning Grant Program call for projects will be in December, and this is for fiscal year, 23, 24. There will be workshops happening November 9th, and November 10th and she will email for more details.

b. Ms. Viterelli announced the City of Arvin will be conducting a REAP 2.0 Outreach at the Arvin City Council Chambers at 6pm. There will be Spanish translation available.

IX. ADJOURNMENT – Meeting adjourned at 11:50am. The next meeting will be held on November 30, 2022.

Kern Council of Governments

IV.
TTAC

January 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: IV.
FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP)
AMENDMENT – TIMELINE

DESCRIPTION:

Upcoming amendment schedule for next 2023 FTIP Amendment.

DISCUSSION:

Amendments to the Federal Transportation Improvement Program (FTIP) are a normal part of the management and use of the FTIP. The upcoming amendment will include revisions to the Transit Program and Non-Motorized Program. The amendment will also include an update to the FTIP narrative. The next amendment schedule is provided below for your reference.

2023 FTIP AMENDMENT	
Public review period begins	Friday, January 6, 2023
TPPC meeting – public hearing	Thursday, January 19, 2023
Public review period ends	Friday, January 20, 2023
Regional approval	Monday, January 23, 2023
State approval	February 2023
Federal approval	March 2023

ACTION: Information

Kern Council of Governments

V.
TTAC

January 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: V.
CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – STATEWIDE CALL FOR PROJECTS

DESCRIPTION:
The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

DISCUSSION:
At their March 16-17, 2022, meeting, the CTC adopted the 2022 ATP Cycle 6 Fund Estimate and program Guidelines. With the adoption of the Guidelines, the Cycle 6 Active Transportation Program call for projects was subsequently initiated. The CTC adopted their selected statewide applications at the December 7-8, 2022, meeting. One Kern region project was included in the statewide project adoption, which is the County of Kern Norris Pedestrian and Railroad Safety project totaling $9.8 million. All remaining Kern COG applications are now reviewed for funding with the MPO share of the Cycle 6 ATP funding. The proposed MPO list is found on page 3 of this report. It reflects the adopted regional ATP policy. The updated timeline below provides a reminder of what's next for this ATP Cycle 6 call for projects.

CTC 2023 Cycle 6 Active Transportation Program Timeline

Benchmark Activity	Date
~~E-Project Application Deadline & postmark date~~	~~June 15, 2022~~
~~CTC staff recommendation for statewide applications~~	~~October 21, 2022~~
~~CTC adoption of statewide selected applications~~	~~December 7-8, 2022~~
Deadline for MPO draft project recommendations	February 20, 2023
Deadline for MPO final project recommendations	April 21, 2023
CTC recommendations for MPO components are posted	May 12, 2023
Commission adopts MPO selected projects	June 2023

Recent CTC Activity – On December 7, 2022, the CTC adopted its final statewide project list for ATP Cycle 6. The final project list is posted at:

1. Approved List https://catc.ca.gov/-/media/ctc-media/documents/ctc-meetings/2022/2022-12/18-4-6-a11y.pdf
2. https://catc.ca.gov/-/media/ctc-media/documents/programs/atp/2022/2023-atp-all-scores-by-county-a11y.pdf

Background: At the August 18, 2022, California Transportation Commission (CTC) meeting, the Commission adopted a revised Fund Estimate for the Active Transportation Program (ATP) Cycle 6, which is now adopted. The approved revised Fund Estimate for the statewide ATP budget is now **$1.7 billion** due to an infusion of funding from the recently approved 2022-23 state budget. The Kern COG guaranteed regional share of that statewide has been increased to **$16.798 million**. During the August CTC meeting, presenters noted several things:

1) the total number of applications for Cycle 6 was over $3 billion;
2) the CTC hopes that a good ATP delivery record will encourage future legislated ATP add-on funds;
3) the full amount is available in the first year but projects will be programmed over a 4-year period; and
4) the CTC will support early allocation requests for delivery of the Cycle 6 projects.

Original Fund Estimate –The statewide budget for the 2022 ATP Cycle 6 Call for Projects for the 4-year span for this cycle, 2023-24 through 2026-27, is $1.7 billion. Now that the staff recommendation has been published, Kern COG will evaluate and consider funding those applications in the order that they were ranked by the state. The original Kern COG's MPO target funding amount for Cycle 6 for the 4-year span from 2023-24 through 2026-28, is $16.8 million. Kern COG staff will develop an MPO list in January 2023 and circulate it to the TTAC. In February, staff will provide a TTAC item with the recommended final MPO list for regional adoption in February 2023. The MPO recommendation will be sent to the CTC for adoption of MPO selected projects by June 2023.

Kern COG Policy Background - CTC ATP Guidelines and Fund Estimate establish the project selection process and ATP programming capacity for the state and MPO share. When ATP first began, the Kern Council of Governments adopted its ATP project delivery policy that defers to the original state application review and ranking for all original state submitted applications. Kern COG does not do a separate ATP Call for Projects to use the MPO share and therefore does not adopt its own modified guidelines or conduct a separate MPO call for projects. Instead, Kern COG considers the remaining applications for MPO share funding following the ranking order as best as possible already established by the state-ranked applications not selected by the state. Applicants should use the following links to ensure access to up-to-date information for the 2023 Cycle 6 ATP Call for Projects:

https://catc.ca.gov/programs/active-transportation-program and
https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program.

Go to: https://www.kerncog.org/wp-content/uploads/2019/03/project_selection_policy_20190321.pdf for the Kern COG Project Selection Policy document. The ATP section is found in Chapter 6, page 64.

Submitted applications from Kern agencies - The ATP Cycle 6 statewide call for projects resulted in 19 Kern region submitted applications for a value of **$69 million**. They are listed on page 3. This table has been updated to include the ranking values for each application. The County of Kern project that ranked 91 is highlighted in yellow. This project has been approved for state funding. Projects recommended for the MPO list are highlighted in blue. This selection is based on Kern COG policy and has been financially constrained to the CTC adopted ATP Cycle 6 Fund Estimate. Kern COG's revised share is estimated at $16,798,000 over a 4-year programming cycle from 2023-24 through 2026-27. Kern COG staff recommends that the remaining $133,000 be added to the Kern River Parkway Multi-Use Safety and Connectivity project to offset part of the local funding. This item is for information and will be presented in February as an action item.

ACTION: Information.

KERN REGION LIST OF SUBMITTED & RECEIVED CYCLE 6 ATP APPLICATIONS
YELLOW HIGHLIGHT - APPROVED STATE FUNDED PROJECT
BLUE HIGHLIGHT - DRAFT MPO FUNDED PROJECT

State Ranking	Implementing Agency	Project Name	Total	Other	ATP	DESIGN	ROW	CONS	Received
29	Bakersfield, City of	School Flashing Yellow Beacons	$ 803,000	$ -	$ 803,000	$ 143,000	$ -	$ 660,000	06/15/22
35	Bakersfield, City of	California Avenue (Marella Way to Planz Rd)	$ 5,461,000	$ -	$ 5,461,000	$ 975,000	$ -	$4,486,000	06/15/22
39	Bakersfield, City of	California Avenue (Oleander Ave to R St)	$ 1,980,000	$ -	$ 1,980,000	$ 353,000	$ -	$1,627,000	06/15/22
40	Bakersfield, City of	Kern River North of 24th Street	$ 2,758,000	$ -	$ 2,758,000	$ 197,000	$ -	$2,266,000	06/15/22
48	Bakersfield, City of	Bakersfield Bicycle Facilities	$ 263,000	$ -	$ 263,000	$ -	$ -	$ 263,000	06/15/22
50	Bakersfield, City of	Monterey St (Alta Vista Dr to Brown St)	$ 4,789,000	$ -	$ 4,789,000	$ 855,000	$ -	$3,934,000	06/15/22
55	Kern County - D6	Niles Street Safety Project	$ 1,785,000	$ 260,000	$ 1,525,000	$ 250,000	$ -	$1,525,000	06/15/22
56	Caltrans	City of Arvin HAWK- Arvin's "Walk on Walnut Crosswalk Beacon"	$ 1,398,000	$ 200,000	$ 1,198,000	$ 80,000	$ 137,000	$1,061,000	06/15/22
57	Bakersfield, City of	Arvin-Edison Canal Multi-Use Path	$ 9,940,000	$ -	$ 9,940,000	$1,065,000	$ -	$8,165,000	06/15/22
60	Tehachapi, City of	Northside Neighborhood Complete Sidewalk & Bicycle Lane Project	$ 3,494,000	$ -	$ 3,494,000	$ 370,000	$ 39,000	$3,060,000	06/14/22
66	Bakersfield, City of	H Street Corrior (SR-204 to Hwy 58)	$ 8,454,000	$ -	$ 8,454,000	$1,509,000	$ -	$6,945,000	06/15/22
70	Taft, City of	10th St & San Emidio St - Intersection Safety Improvements	$ 455,000	$ -	$ 455,000	$ 42,000	$ -	$ 408,000	06/15/22
71	Delano, City of	ATP-6 SRTS Sidewalk Gap and Crosswalk Improvement Project	$ 597,000	$ -	$ 597,000	$ 75,000	$ -	$ 522,000	06/13/22
72.5	Wasco, City of	Central Avenue Class I & Class II Bicycle Trails	$ 660,000	$ -	$ 660,000	$ 71,000	$ -	$ 584,000	06/15/22
78	Kern County - D6	Safe Route To School (SRTS) ADA Crosswalk Safety	$ 2,342,000	$ 582,000	$ 1,760,000	$ 344,000	$ -	$1,988,000	06/15/22
80.5	Kern County - D6	Kern River Parkway Multi-use Path Safety & Connectivity Project	$ 8,035,000	$ 1,235,000	$ 6,800,000	$1,150,000	$ -	$6,785,000	06/15/22
84	Kern County - D6	Mt Vernon SRTS Safety Project	$ 3,248,000	$ 384,000	$ 2,864,000	$ 374,000	$ -	$2,864,000	06/15/22
87	Tehachapi, City of	Valley Boulevard and Mill Street Gap Closure Project	$ 3,266,000	$ -	$ 3,266,000	$ 315,000	$ 200,000	$2,686,000	06/15/22
91	Kern County - D6	Norris Pedestrian and Railroad Safety Project	$ 9,793,000	$ 1,011,000	$ 8,782,000	$1,059,000	$2,600,000	$6,124,000	06/15/22
			$ 69,521,000	**$ 3,672,000**	**$ 65,849,000**	**$ 9,227,000**	**$ 2,976,000**	**$ 55,953,000**	
		ATP PROJECT FUNDED BY THE STATE	$ 9,793,000	$ 1,011,000	$ 8,782,000				
		PROJECTS RECOMMENDED FOR MPO SHARE FUNDING	$ 18,866,000	$ 2,201,000	$ 16,665,000				
		ESTIMATED AVAILABLE ATP CYCLE 6 MPO SHARE			$ 16,798,000				
		BALANCE OF AVAILABLE ATP CYCLE 6 MPO SHARE			$ 133,000				

Kern Council of Governments

VI.
TTAC

January 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Irene Enriquez, Regional Planner

SUBJECT: TTAC AGENDA NUMBER VI.
KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR CALL FOR PROJECTS

DESCRIPTION:
Caltrans State of Good Repair (SGR) Program allocates annual funds from Senate Bill No.1 legislation to the Kern region in combination with a supplemental allocation of the State Transit Assistance (STA) fund totaling $1,487,518.

DISCUSSION:
Kern COG staff apportioned FY 2022-23 funds initiated by Caltrans State of Good Repair (SGR) Program staff totaling $1,487,518. Since the Kern COG SGR regional apportionment adoption, the Golden Empire Transit District (GET) has requested its FY 2022-23 "50 percent" apportionment (based on the apportionment schedule below -$140,154.60) be transferred to the City of Tehachapi to assist in an SGR eligible project.

Kern COG staff has prepared a regional **SGR** apportionment schedule (See below) for the Kern region to ensure this year's **SGR** projects are funded. **Amendment No. 1**

Agency	99313	99314	50 percent	Total Apportionment
Arvin	$16,806.56	$660	$140,154.60	$157,621.16
California City	$11,522.75	$274	$140,154.60	$151,951.35
Delano	$41,269.6	$2,968	$140,154.60	$184,392.25
GET	$385,761.54	$62,483	Transferred to Tehachapi	$448,244.54
Kern Transit	$158,133.96	$12,691	$0	$170,824.96
McFarland	$11,700.92	$129	$0	$11,829.92
Ridgecrest	$22,326.64	$1,692	$0	$24,018.64
Shafter	$14,928.06	$611	$0	$15,539.06
Taft	$7,345.12	$3,826	$0	$11,171.12
Tehachapi	$9,527.28	$300	$140,154.60	$149,981.88
Wasco	$21,450.52	$338	$140,154.60	$161,943.12
Region Total	$700,773.00	$85,972	$700,773.00	$1,487,518

Caltrans requires Kern COG to submit a Kern COG Board adopted resolution amending the previously adopted SGR resolution to reflect the transfer of funds from Tehachapi to GET. This transaction will be accomplished by an amendment to the adopted Program of Projects and the amended FY 2022-23 resolution.

Attachments: Kern COG FY 2022-23 State of Good Repairs Authorizing Resolution – Amendment No. 1
Transfer request letters- City of Tehachapi and Golden Empire Transit District

ACTION:
Recommend the Transportation Planning Policy Committee amend the FY 2022-23 State of Good Repair regional program of projects by resolution to memorialize the transfer FY 2022-23 SGR “50 percent” fund from Golden Empire Transit District (GET) to the City of Tehachapi and request the chairman and executive director to authorize the transfer by signature.

BEFORE THE KERN COUNCIL OF GOVERNMENTS
STATE OF CALIFORNIA, COUNTY OF KERN

Resolution No. 22-34 Amendment No. 1

In the matter of:

RESOLUTION OF THE KERN COUNCIL OF GOVERNMENTS TO EXECUTE THE KERN COUNTY STATE OF GOOD REPAIR (SGR) EXPENDITURE PLAN WORKSHEET FOR THE FISCAL YEAR 2022 THROUGH 2023 PROGRAM OF PROJECTS

WHEREAS, the Kern Council of Governments is an eligible project sponsor and may receive State Transit Assistance funding from the State of Good Repair Account (SGR) now or sometime in the future for transit projects; and

WHEREAS, the status related to state-funded transit projects require a local or regional implementing agency to abide by various regulations; and

WHEREAS, Senate Bill 1 Transit (2017) named the Department of Transportation (Department) as the administrative agency for the SGR; and

WHEREAS, the Department has developed guidelines for the purpose of administering and distributing SGR funds to eligible project sponsors (local agencies); and

WHEREAS, Golden Empire Transit District (GET) desires to transfer its FY 2022-23 “50 percent funds” in the amount of $140,154.60 to the City of Tehachapi; and

WHEREAS, Kern Council of Governments wishes to delegate authorization to execute these documents and any amendments thereto to the Executive Director;

NOW, THEREFORE, BE IT RESOLVED that the Kern Council of Governments Transportation Planning policy Committee that the fund recipient agrees to comply with all conditions and requirements set forth in the Certification and Assurances document and applicable statutes, regulations, and guidelines for all SGR funded transit projects.

NOW, THEREFORE, BE IT RESOLVED that the Executive Director be authorized to execute all required documents of the SGR program and any amendments thereto with the California Department of Transportation.

ADOPTED, SIGNED, AND APPROVED THIS 19th DAY OF JANUARY 2023.

AYES:

NOES:

ABSENT:

ATTEST:

_____
Bob Smith, Chair
Kern Council of Governments

I hereby certify that the foregoing is a true resolution of the Kern Council of Governments duly adopted at a regularly scheduled meeting on the 19th day of January 2023.

Date: 1/19/2023

_____
Ahron Hakimi, Executive Director
Kern Council of Governments

Build Up. Play Up. Work Up. Explore Up. **Live Up.**

CITY OF TEHACHAPI CALIFORNIA

December 14, 2022

Mr. Bob Snoddy
1401 19th Street, Suite 300
Bakersfield, CA 93301

RE: State of Good Repair Fund Allocations

Dear Mr. Snoddy,

The City of Tehachapi and GET receive annual regional allocations of State of Good Repair (SGR) funds through Kern Council of Governments (Kern COG). Every even-year, five agencies under Kern COG receive an additional allocation on a rotating basis. In FY 2022/2023 GET is one of the agencies to receive an additional $140,154.60 in SGR funds. The City of Tehachapi needs additional SGR funds to construct an SGR project this coming year. GET has agreed to transfer its' additional allocation of $140,154.60 for FY 2022/2023 to the City of Tehachapi. In return, the City of Tehachapi agrees to transfer its' additional allocation in FY 2026/2027 to GET. This is only for the additional allocation allotted to five agencies in the even years on a rotating basis and not the entire allocation amount.

The proposed project in Tehachapi is the Transit Center Access Improvements, which is the project submitted and approved for fiscal year 2022/2023 SGR funds. This project will rehabilitate/improve the existing access to the transit center from the west side to improve passenger and staff safety and meet ADA compliance requirements. The project estimate is $300,000.00.

Best regards,

John Schlosser
Development Services Director

115 South Robinson Street | Tehachapi, California 93561-1722
(661) 822-2200 | Fax: (661) 822-8559
www.tehachapicityhall.com

GET bus
GOLDEN EMPIRE TRANSIT DISTRICT

December 15, 2022

Kern Council of Governments
Attn: Bob Snoddy
1401 19th St., Suite 300
Bakersfield, CA 93301

RE: Exchange of State of Good Repair Funds with City of Tehachapi

Dear Bob:

Please accept this as confirmation of Golden Empire Transit's (GET) intent to enter into an agreement with the City of Tehachapi to exchange allocations of annual funding under the State of Good Repair program. GET agrees to allow allocation of enhanced funding due to it for the 2022 fiscal year to instead be allocated to the City of Tehachapi. To complete this exchange, the City of Tehachapi has agreed to allow its enhanced funding, that would be due to it for the 2026 fiscal year, to be allocated to GET. Your cooperation in facilitating this exchange of allocations would be greatly appreciated. If any additional information is required me, you may contact me at my direct line (661) 869-6315.

Steve Barnes
Chief Financial Officer
Golden Empire Transit District

BEFORE THE KERN COUNCIL OF GOVERNMENTS
STATE OF CALIFORNIA, COUNTY OF KERN

Resolution No. 22-34 Amendment No. 1

In the matter of:

RESOLUTION OF THE KERN COUNCIL OF GOVERNMENTS TO EXECUTE THE KERN COUNTY STATE OF GOOD REPAIR (SGR) EXPENDITURE PLAN WORKSHEET FOR THE FISCAL YEAR 2022 THROUGH 2023 PROGRAM OF PROJECTS

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AYES:

NOES:

ABSENT:

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Kern Council of Governments

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Date: 1/19/2023

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Kern Council of Governments

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Steve Barnes
Chief Financial Officer
Golden Empire Transit District

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

KERN COG BOARD ROOM **WEDNESDAY**
1401 19TH STREET, THIRD FLOOR **February 1, 2023**
BAKERSFIELD, CALIFORNIA **10:00 A.M.**

TTAC GoToMeeting Information
https://www.gotomeet.me/KernCOG/ttacmeeting
Dial +1 (786) 535-3211
Access Code: 269-963-557
New to GoToMeeting? Get the app now and be ready when your first meeting starts:
https://global.gotomeeting.com/install/269963557

I. ROLL CALL:

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. APPROVAL OF DISCUSSION SUMMARY:
a. Minutes from meeting of January 4, 2023; ROLL CALL VOTE.

IV. FY 2021-22 TDA PUBLIC TRANSIT CLAIM – CITY OF ARVIN (Banuelos)

Comment: According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The city of Arvin has submitted a TDA claim which totals $640,263.

Action: Review TDA Public Transit Claim for the City of Arvin and recommend approval to the Transportation Planning Policy Committee. ROLL CALL VOTE.

V. FEDERAL SAFETY PERFORMANCE MEASUREMENT (PM1) "TOWARD ZERO" 2023 TARGET UPDATE (Flickinger)

Comment: Required federal process to annually monitor transportation safety performance measure progress and providing guidance to member agencies to improve safety on our streets with their transportation expenditures.

Action: Recommend that the Transportation Planning Policy Committee approve the 2023 Kern "Toward Zero" safety targets consistent with federal methodology and direct staff to work with member agencies and stakeholders to develop projects that will accelerate attainment of the targets. ROLL CALL VOTE.

VI. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST (Snoddy)

Comment: The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

Action: Recommend that the Transportation Planning Policy Committee approve the list of projects as shown in Attachment A. ROLL CALL VOTE.

VII. KERN PROJECT DELIVERY LETTERS – TDA ARTICLE 3 (Snoddy)

Comment: Presentation of project delivery letters for Transportation Development Act (TDA) Article 3 projects. 14 projects have not yet been submitted for funding reimbursement representing $1,841,972 in state funding.

Action: Information.

VIII. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM (Stramaglia)

Comment: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission for their approval in December of the same odd-numbered year.

Action: Information.

IX. PROJECT DELIVERY LETTERS – ATP, CMAQ, RSTP (Pacheco)

Comment: Presentation of project delivery letters for Active Transportation Program (ATP), Congestion Mitigation Air Quality (CMAQ) Program, and Regional Surface Transportation Program (RSTP). 17 projects have not yet been submitted for funding authorization representing $27.5 million in federal/state programming.

Action: Information.

X. DISCUSSION ON TELECONFERENCING OPTIONS FOR VOTING MEMBERS (Invina-Jayasiri)

Comment: Kern COG staff seeking feedback on teleconferencing options for voting members.

Action: Information.

XI. ANNOUNCEMENTS

a. Trucking with Clean Fuel Conference on February 23, 2023 (Flier attached) – Email for event information: info@zerorig.com

XII. MEMBER ITEMS

a. Fiscal Year 23/24 Sustainable Transportation Planning Grant Application Guide and Call for Applications (Member Mendibles)
    1. January 31, 2023 Workshop (Flier attached)
    2. Applications are due March 9, 2023
    3. Sustainable Transportation Planning Grants | Caltrans Website

XIII. ADJOURNMENT – The next meeting will be held on March 1, 2023.

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR JANUARY 4, 2023 MEETING

KERN COG BOARD ROOM/GO TO MEETING
1401 19th Street, Suite 300
BAKERSFIELD, CALIFORNIA

Wednesday
January 4, 2023
10:00 A.M.

Chairman Schlosser called the meeting to order at approximately 10:00 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Luis Topete	City of Bakersfield
	Pedro Nunez	City of Delano
	Yolanda Alcantar	County of Kern
	Travis Reed	City of Ridgecrest
	Alex Gonzalez	City of Shafter
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Steve Barnes	Golden Empire Transit
MEMBERS ONLINE:	Christine Viterelli	City of Arvin
	Richard Walker	City of California City
	Lorena Mendibles	Caltrans
OTHER:	Cindy Parra	Bike Bakersfield
	Pedro Ramirez	Caltrans
STAFF:	Ahron Hakimi	Rochelle Invina-Jayasiri
	Raquel Pacheco	Bob Snoddy
	Rob Ball	Irene Enriquez
	Joe Stramaglia	

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting.

SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY:

- **a.** Minutes from meeting of October 5, 2022, and
- **b.** Minutes from joint meeting with Regional Planning Advisory Committee (RPAC) on November 2, 2022

There were no comments or questions from the committee members. Ms. Alcantar made a motion to approve the discussion summary, Mr. Barnes seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously with one abstention from Mr. Reed.

IV. FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AMENDMENT

Ms. Pacheco stated the upcoming amendment to the 2023 FTIP will include revisions to the State Highway / Regional Choice Program, Transit Program, and Non-Motorized Program. The amendment will also include an update to the FTIP narrative as requested by the Federal Highway Administration. The amendment documentation will be emailed to the TTAC when the public review period begins January 6th.

This item is for information only.

V. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – STATEWIDE CALL FOR PROJECTS

Mr. Snoddy stated the ATP Cycle 6 statewide call for projects resulted in 19 Kern region submitted applications for a value of **$69 million**. The table in the staff report has been updated to include the ranking values for each application. The County of Kern project that ranked 91 is highlighted in yellow. This project has been approved for state funding. Projects recommended for the MPO list are highlighted in blue. This selection is based on Kern COG policy and has been financially constrained to the CTC adopted ATP Cycle 6 Fund Estimate. Kern COG's revised share is estimated at $16,798,000 over a 4-year programming cycle from 2023-24 through 2026-27. Kern COG staff recommends that the remaining $133,000 be added to the Kern River Parkway Multi-Use Safety and Connectivity project to offset part of the local funding. This item is for information and will be presented in February as an action item.

Ms. Alcantar announced that the Mt. Vernon SRTS Project no longer needs the ATP funds because it has received funding from a separate program and will be using that funding instead of ATP funding. City of Bakersfield's is the next project on the list. Mr. Hakimi asked staff to confirm with CTC staff on the process of awarding the next project in line, and Ms. Alcantar to email staff regarding the change of funding sources.

This item is for information only.

VI. KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR

Ms. Enriquez presented Kern COG staff apportioned FY 2022-23 funds initiated by Caltrans State of Good Repair (SGR) Program staff totaling $1,487,518. Since the Kern COG SGR regional apportionment adoption, the Golden Empire Transit District (GET) has requested its FY 2022-23 "50 percent" apportionment (based on the apportionment schedule below -$140,154.60) be transferred to the City of Tehachapi to assist in an SGR eligible project.

The action is for the Committee to Recommend the Transportation Planning Policy Committee amend the FY 2022-23 State of Good Repair regional program of projects by resolution to memorialize the transfer FY 2022-23 SGR "50 percent" fund from Golden Empire Transit District (GET) to the City of Tehachapi and request the chairman and executive director to authorize the transfer by signature. Mr. Reed made a motion to approve the recommendation, and Ms. Alcantar seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and the motion carried unanimously.

VII. ANNOUNCEMENTS –

a. Ms. Pacheco reminded that the Project Delivery Letters for Active Transportation Program, Congestion Mitigation Air Quality Program, and Regional Surface Transportation Program projects are due By January 13 to her email, rpaceco@kerncog.org
b. Mr. Snoddy also reminded that the Project Delivery Letters for TDA Article 3 projects are due January 13, 2023 to bsnoddy@kerncog.org

c. Mr. Ball announced 2022 RTP, FTIP, Air Quality Conformity documents are federally approved.
d. Mr. Hakimi stated Kern COG did not receive Federal Rural Grant for the SR 58 Truck Climbing Lanes but will be applying again for multiple grants for the same project.
e. Ms. Invina-Jayasiri reminded that the next CTC meeting is on January 25-26, 2023 in Rocklin.

VIII. MEMBER ITEMS –

a. Ms. Mendibles had a few announcements to share:
    i. Clean California Cycle 2 Call for Projects later this month and applications will be due in April 2023. More information will be emailed.
    ii. Caltrans District 6 & 9 are partnering to host a Sustainable Planning Grant Workshop on January 31, 2023 at the Fresno District office. The workshop will be a hybrid format and Information will be emailed.
    iii. Andrea Nason is a new Regional Planner that will be handling Kern COG's OWP, and Pedro Ramirez is a new Senior Investment Planner and that will be working on grant opportunities for partner agencies and the district.
b. Mr. Barnes announced the GET Micro-Transit service to entire City of Bakersfield area effective January 1, 2023

IX. ADJOURNMENT – Meeting adjourned at 10:24am. The next meeting will be held on February 1, 2023.

Kern Council of Governments

IV. TTAC

February 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Angelica Banuelos, Administrative Assistant

SUBJECT: TTAC AGENDA ITEM: IV.
FY 2021-22 TDA PUBLIC TRANSIT CLAIM – CITY OF ARVIN

DESCRIPTION:

According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The city of Arvin has submitted a TDA claim which totals $640,263.

DISCUSSION:

Kern COG staff has received and reviewed the following TDA Public Transit claim by the January 20, 2023, TTAC agenda deadline:

Claimants	LTF	STAF	TOTAL
FY 2021-22 Public Transit City of Arvin	$ 640,263	$ 0	$ 640,263
Regional Claims Total	$ 640,263	$ 0	$ 640,263

This claim has been evaluated in accordance with the following criteria: 1) Conformance with the Regional Transportation Plan; 2) Participation in the California Driver Pull Notice Program; 3) Adherence to the applicable farebox return ratio; and 4) Compliance with PUC Section 99314.6 Operations qualifying Criteria. Staff recommends approval.

ACTION:
Review TDA Public Transit Claim for the City of Arvin and recommend approval to the Transportation Planning Policy Committee. ROLL CALL VOTE.

Kern Council of Governments

V.
TTAC

February 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Ed Flickinger, Regional Planner

SUBJECT: TTAC AGENDA ITEM: V.
FEDERAL SAFETY PERFORMANCE MEASUREMENT (PM1) "TOWARD ZERO" 2023 TARGET UPDATE

DESCRIPTION:

Required federal process to annually monitor transportation safety performance measure progress and providing guidance to member agencies to improve safety on our streets with their transportation expenditures.

DISCUSSION:

Background - On February 15, 2018, the Kern COG Transportation Planning Policy Committee approved their first federal "Toward Zero" deaths and accidents annual safety targets method using the federal recommended methodology that employs a 5-year running average, as recommend by Caltrans Division of Traffic Operations staff at that time.

On July 20, 2022, Caltrans management presented a changed state methodology that uses a trend-based methodology, which extrapolates the existing changes in fatalities and serious injuries into the future. The state methodology is soon to be made available online. Please contact Kelly Mar at Caltrans at kelly.mar@dot.ca.gov if interested.

Kern COG staff is recommending continued use of the 2018 "Toward Zero" target methodology adopted by Kern COG in 2018 which is consistent with the federal rule methodology but different than the current state methodology. Maintaining the same process allows for better comparability with prior targets.

Consequences of not meeting the targets – Consequences of roadway accidents can be catastrophic to those who are involved. Everyone agrees that all appropriate countermeasures to reduce accidents should be taken. In addition, minor regulatory and funding consequences exist if the federal targets are not achieved. However, consequences of not adopting, monitoring, and encouraging progress toward the target, in accordance with federal rules, can ultimately result in loss of all federal transportation funding to the region though de-certification of this agency.

Under the requirements of the recent federal transportation spending bills, states and metropolitan planning organizations (MPOs) like Kern COG are required to annually monitor safety performance measure progress through the statewide and metropolitan planning process. Failure to meet safety targets set by the state and/or MPO could result in the minor consequence of redistribution of Caltrans Active Transportation Program (ATP) funding at the state level into the federal Highway Safety Improvement Program (HSIP). Many of the projects in the ATP program improve safety for bike and pedestrians and would likely still be eligible under HSIP for those purposes.

The Federal Highways Administration (FHWA) will review how MPOs are working to achieve their targets, in accordance with the federal rules, as they conduct MPO Certification Reviews every 4 years. Failure to adequately address target performance measure requirements could eventually result in loss of the MPO's federal certification along with access to federal transportation funds. The latest Kern COG federal target compliance documentation is available here: http://www.kerncog.org/federal-performance-measures/, and was accepted at the federal certification review.

Rules and guidance for federal performance measure targets are still being established by FHWA. See https://safety.fhwa.dot.gov/hsip/spm/policy_and_guidance.cfm. Caltrans has submitted draft statewide safety targets to FHWA. See https://dot.ca.gov/programs/safety-programs/shsp. MPOs that do not submit a safety target update by February 27, 2023, will be required to adhere to the 2022 state target which is NOT consistent with the methodology proposed by Kern COG staff.

The "Toward Zero" methodology - The attached presentation demonstrates the Kern COG "Toward Zero" methodology which is consistent with the original 2018 state safety target methodology originally recommended by the Caltrans Division of Traffic Operations engineers. In addition, the Kern methodology was prepared under the supervision of a certified engineer. The methodology uses California Highway Patrol (CHP) historical accident data for Kern County. The data is extrapolated using a 5-year running average to forecast future accidents and fatalities. In addition, travel model data is used to tie the forecast to local assumed growth. Targets are essentially being set to show improvement over the previous 5-year accident data. As accidents improve, the targets will improve automatically with each annual update on a trajectory "Toward Zero."

Countywide monitoring results summary

2013-2020 7-Year Change in 5-Year Running Average Accident Rate
11% increase in **vehicle related fatality rates** from 1.59 to 1.77 per 100M miles traveled.
15% increase in **vehicle related serious injury rates** from 3.5 to 4.03 per 100M miles traveled.
37% increase in combined **bike and pedestrian related injury/fatality rates** from .000089 to .000122 per 1000 population.

2019-2020 1-Year Change in Annual Accident Rates
34% increase in **vehicle related fatality rates** from 1.57 to 2.11 per 100M miles traveled.
22% increase **vehicle related serious injury rates** from 4.3 to 5.26 per 100M miles traveled.
4% increase in combined **bike and pedestrian related injury/fatality rates** from .000117 to .000122 per 1000 population.

Source: 2010-2021 CHP SWITRS data which only contains accidents reported to the CHP.

The increased rates may be attributed to increased road construction. It may also be attributed to higher speeds during the pandemic due to less traffic congestion. With more prevalent use of cell phones, it is possible that distractive driving has increased.

What your agency can do to accelerate attainment of the federal safety targets - Kern COG's member agencies are encouraged to promote projects and policies that will help the region to perform better than the targets proposed for our region. The Caltrans Strategic Highway Safety Plan proposes four countermeasures to improve safety: engineering, education, enforcement and emergency services. Projects such as countdown pedestrian signals, buffered bike lanes, roundabouts, and establishing extra safety corridor patrols where spikes in accident activity occur, should be considered wherever appropriate. Since 2007 the Kern Region has seen over $34M invested in the HSIP program alone (see HSIP Attachments 2a and 2b). In addition, state and federal programs as well as Kern COG's project delivery policies give extra points for projects that improve safety, including:

Highway Safety and Improvement Program (HSIP) – local & state road safety projects
State Highway Operation and Protection Program (SHOPP) – state highway safety projects
Regional Surface Transportation Program (RSTP) – local road maintenance & safety projects
Active Transportation Program (ATP) – (58%-78% pts. for safety & need depending on size)
Regional Transportation Improvement Program (RTIP) – (50% of points safety/congestion)
Congestion Mitigation and Air Quality (CMAQ) – (40% of points for safety/congestion)
Kern Motorist Aid Authority (KMAA) – Travel info., safety roadside cleanup, safety corridors

Zero fatalities on our streets are everyone's goal and it is anticipated that emerging safety technology standards such as autonomous vehicles will eventually help drive down these safety targets "Toward Zero." This report will be updated annually.

Attachment

1) Presentation – Towards Zero: Draft Safety Performance Target Update - Kern Region
2) Kern HSIP Projects 2007-2021

ACTION:
Recommend that the Transportation Planning Policy Committee approve the 2023 Kern "Toward Zero" safety targets consistent with federal methodology and direct staff to work with member agencies and stakeholders to develop projects that will accelerate attainment of the targets. ROLL CALL VOTE.

TOWARDS ZERO: DRAFT SAFETY PERFORMANCE TARGET UPDATE Kern Region

Kern Council of Governments | U.S. Department of Transportation Federal Highway Administration | Caltrans | NHTSA National Highway Traffic Safety Administration | California Office of Traffic Safety

1

FEDERAL Requirements: MPOs Evaluated During 4-Year Review

- Metropolitan Planning Organizations (MPOs) will be held accountable for safety progress through the statewide and metropolitan planning process. FHWA will review how MPOs are addressing and achieving their targets (or assisting the State in achieving targets) as they conduct Transportation Management Area (TMA) 4-year Certification Reviews (only for large MPOs with more than 200,000 population). The TMA Certification Review requires the Secretary to certify whether the metropolitan planning process of an MPO serving as a TMA meets requirements, including the requirements of 23 USC 134 and other applicable Federal law.

2

2

FEDERAL Requirements: State Failure = More HSIP Safety Funding

- If a State DOT does not meet or make significant progress toward meeting its HSIP targets, the State shall use obligation authority equal to the HSIP apportionment for the fiscal year prior to the target year only for HSIP projects and submit an HSIP Implementation Plan to FHWA. For example, if a State DOT does not meet or make significant progress towards meeting its 2023 safety targets, in Fiscal Year (FY) 2025, the State DOT must use obligation authority equal to the FY 2023 HSIP apportionment only for HSIP projects and submit an HSIP Implementation Plan by June 30, 2024.

3

Five Performance Targets Under New Federal Regulations +1

Motorized Vehicles

Number of Fatalities (SWITRS)

Rate of Fatalities per 100 Million VMT (SWITRS & HPMS)

Number of Serious Injuries (SWITRS)

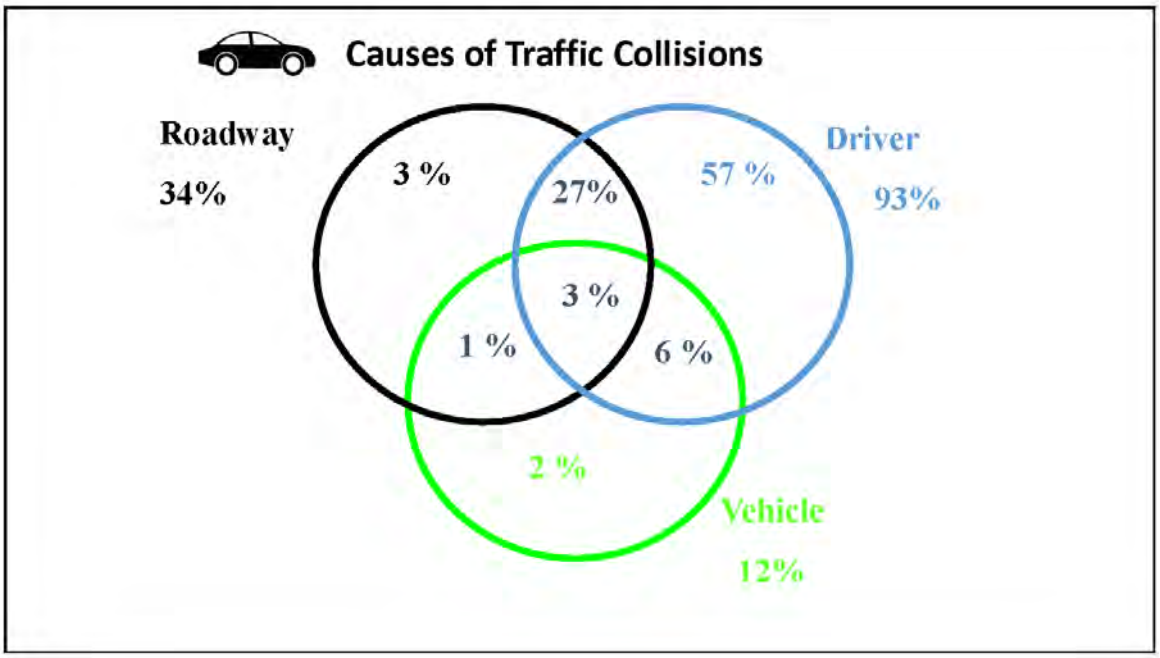
Rate of Serious Injuries per 100 Million VMT (SWITRS & HPMS)

Non-Motorized

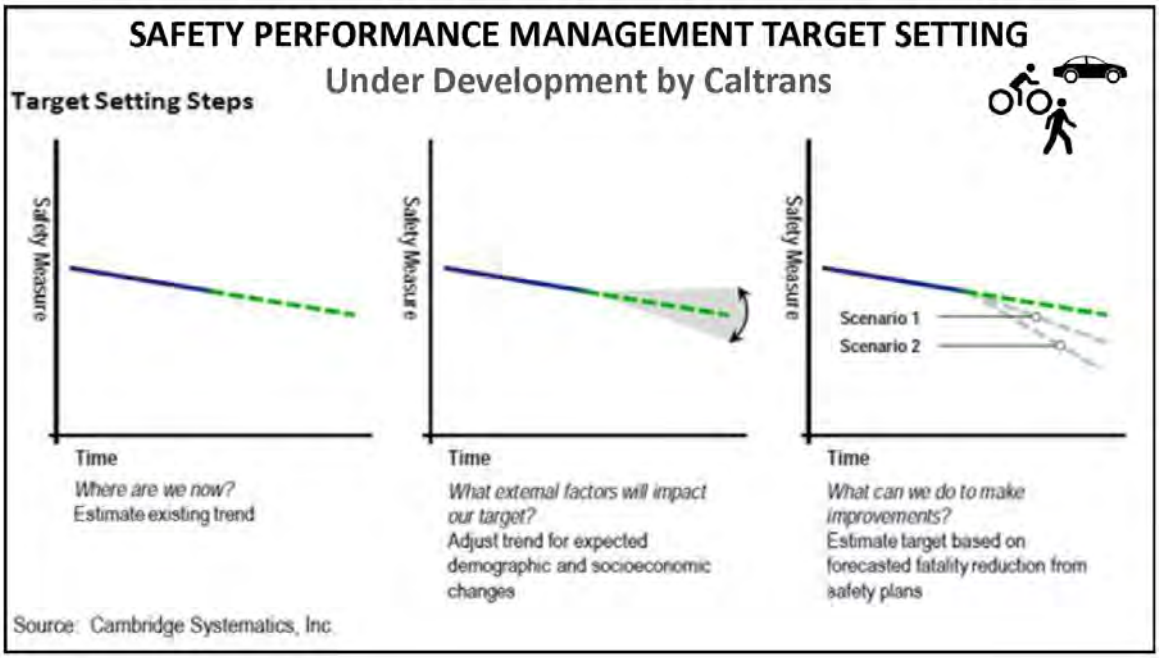
Number of Non-Motorized Fatalities and Serious Injuries (Bicycles and Pedestrians) (SWITRS)

Rate of Non-Motorized Fatalities and Serious Injuries (SWITRS & Travel Model) (This is not required but provided for information)

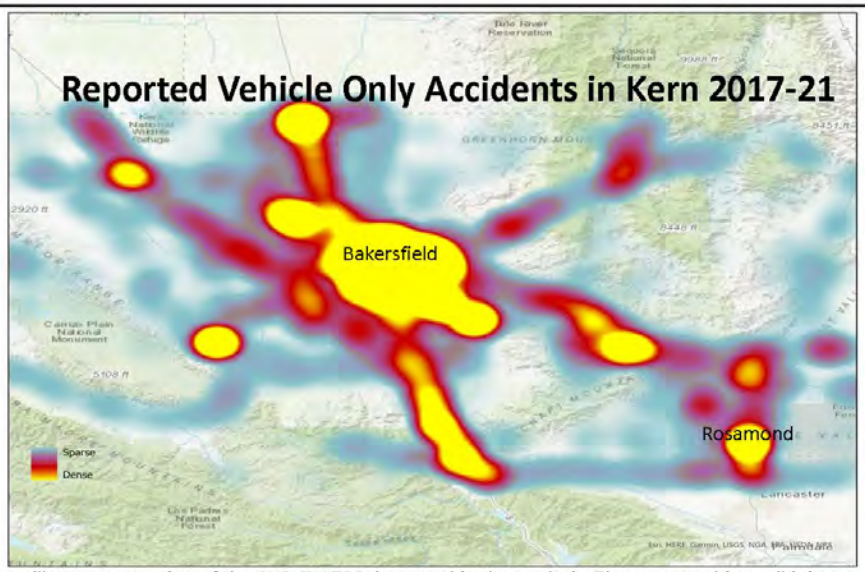
4


Causes of Traffic Collisions
Roadway
34%
Driver
93%
Vehicle
12%
3 %
27%
57 %
3 %
1 %
6 %
2 %

5

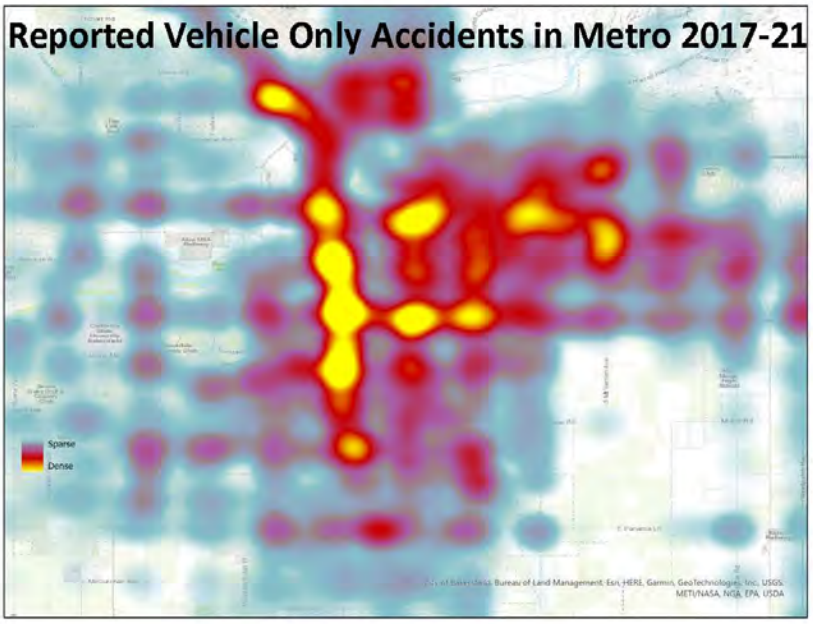

SAFETY PERFORMANCE MANAGEMENT TARGET SETTING
Under Development by Caltrans
Target Setting Steps
Safety Measure
Time
Where are we now?
Estimate existing trend
Safety Measure
Time
What external factors will impact our target?
Adjust trend for expected demographic and socioeconomic changes
Safety Measure
Scenario 1
Scenario 2
Time
What can we do to make improvements?
Estimate target based on forecasted fatality reduction from safety plans
Source: Cambridge Systematics, Inc.

6



The maps above illustrate a portion of the CHP SWITRS data used in the analysis. The map combines all injury and fatality accidents for reported motor vehicle incidents.

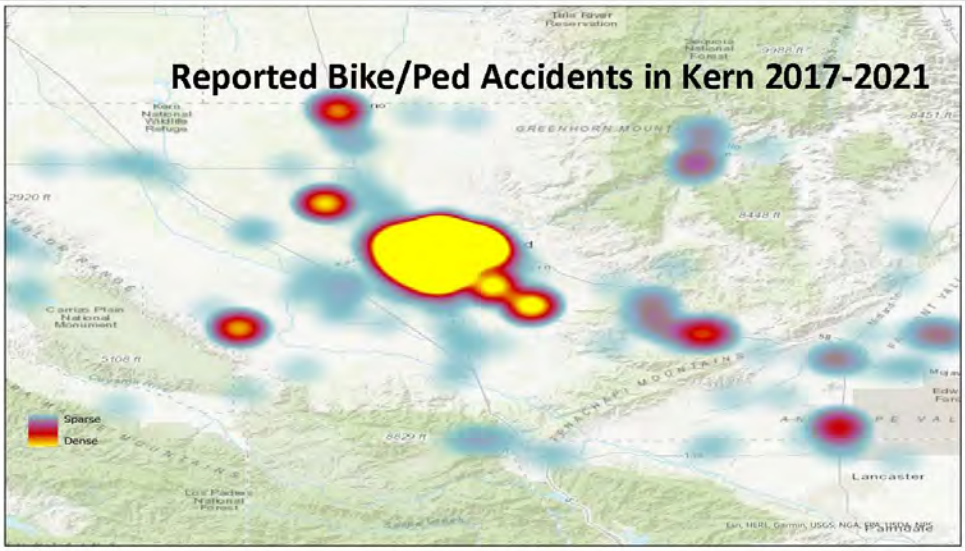
7



This map illustrates a portion of the CHP SWITRS data used in the analysis. The map combines all injury and fatality accidents reported motor vehicle incidents.

8

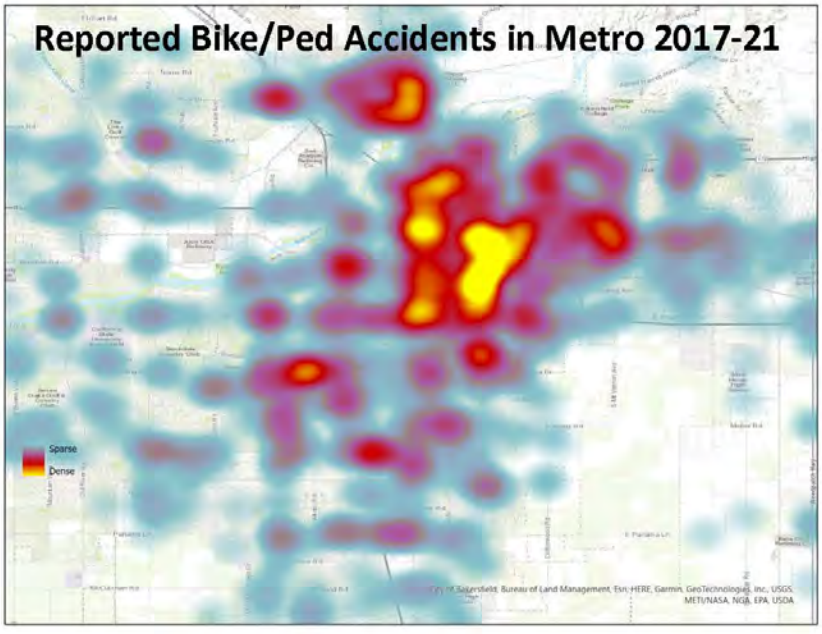
Reported Bike/Ped Accidents in Kern 2017-2021



The maps above illustrate a portion of the CHP SWITRS data used in the analysis. The map combines all injury and fatality accidents for reported bike and pedestrian incidents.

9

Reported Bike/Ped Accidents in Metro 2017-21



This map illustrates a portion of the CHP SWITRS data used in the analysis. The map combines all injury and fatality accidents for reported bike and pedestrian incidents.

10

Perceived Bike and Ped Safety Hazards

https://streetstory.berkeley.edu/reports.php

Crashes / Near-misses

Hazards / Safe places

These maps are from a website that allows the public to log collisions/near-misses/hazards and safe places for bike and pedestrians. Kern is a pilot project for this website.

11

Countywide Accident Rate Monitoring Results

2013-2020 7-Year Change in 5-Year Running Average Accident Rates

11% increase in **vehicle related fatality rates** from 1.59 to 1.77 per 100M miles traveled.

15% increase in **vehicle related serious injury rates** from 3.5 to 4.03 per 100M miles traveled.

37% increase in combined **bike and pedestrian related injury/fatality rates** from .000089 to .000122 per 1000 population.

2019-2020 1-Year Change in Annual Accident Rates

34% increase in **vehicle related fatality rates** from 1.57 to 2.11 per 100M miles traveled.

22% increase **vehicle related serious injury rates** from 4.3 to 5.26 per 100M miles traveled.

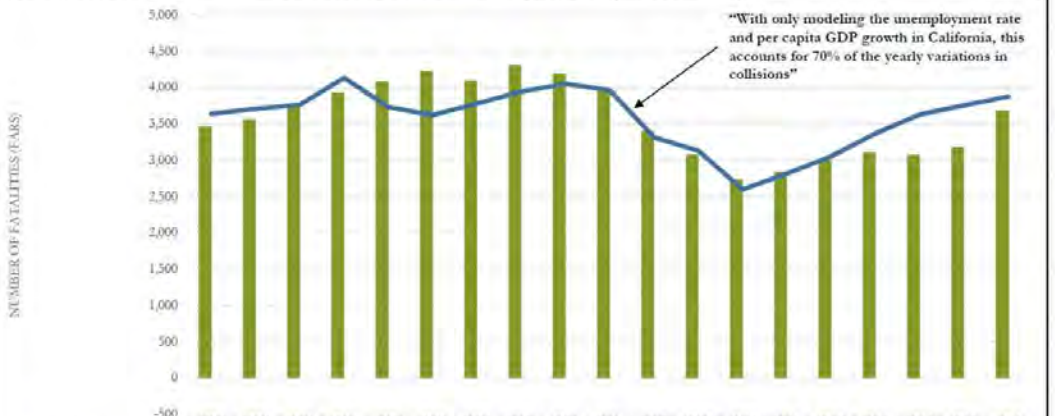
4 % increase in combined **bike and pedestrian related injury/fatality rates** from .000117 to .000122 per 1000 population.

12

SAFETY PERFORMANCE MANAGEMENT TARGET SETTING

Statewide

Economic Determinism (1998-2016)



	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Fatalities	3,459	3,559	3,730	3,926	4,089	4,225	4,094	4,304	4,197	3,976	3,801	3,076	2,739	2,835	2,995	3,107	3,074	3,176	3680
Unemployment Rate (%)	5.70%	5.00%	4.70%	6.40%	6.80%	6.60%	5.80%	5.10%	4.90%	6.00%	9.30%	12.10%	12.10%	11.00%	9.60%	8.20%	6.90%	5.90%	5.20%
Per Capita GDP Growth	4.9%	5.9%	6.0%	-1.7%	1.3%	2.9%	3.2%	3.2%	2.7%	0.9%	-0.5%	-5.4%	-0.1%	0.4%	1.4%	1.6%	2.1%	3.2%	3.7%
Model (R2=0.7	3636	3705	3761	4132	3728	3619	3777	3944	4050	3961	3315	3127	2597	2813	3049	3367	3627	3754	3874

13

PRELIMINARY Vehicle - Total Motorized Fatalities

Kern

Forecast 2022-2027

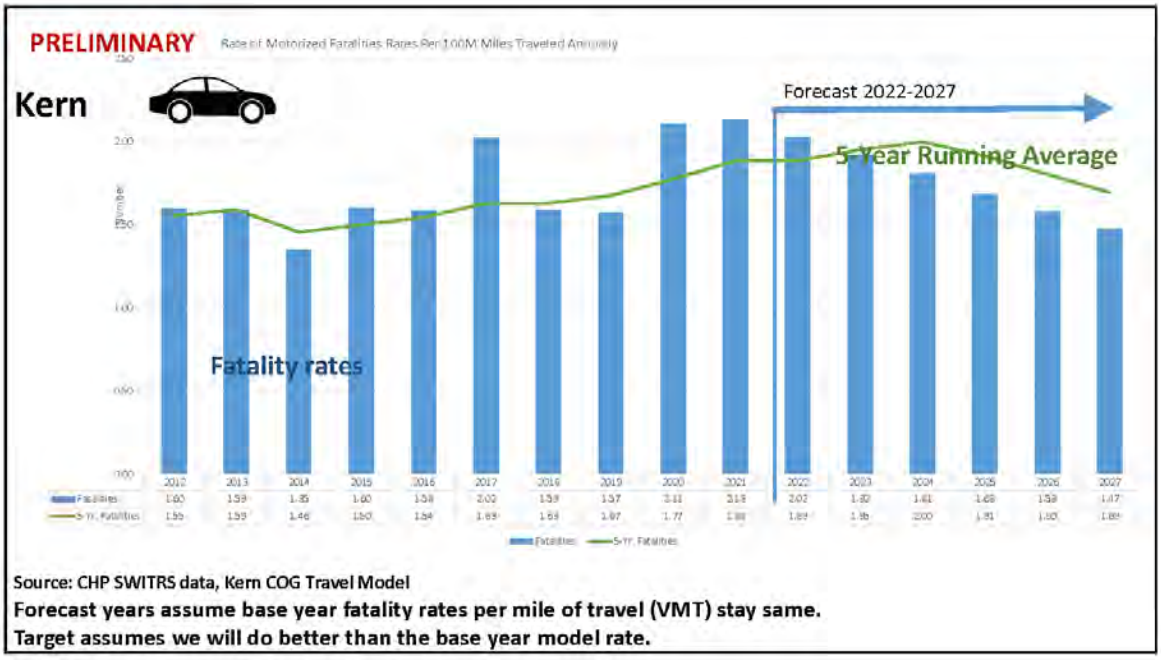
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Fatalities	128	130	111	138	148	187	147	154	207	210	200	190	180	170	160	150
5 Year Fatalities	123	127	117	123	131	143	146	155	169	181	184	192	197	190	180	170

Source: CHP SWITRS data, Kern COG Travel Model

Forecast years assume base year fatality rates per mile of travel (VMT) stay same.

Target assumes we will do better than the base year model rate.

14

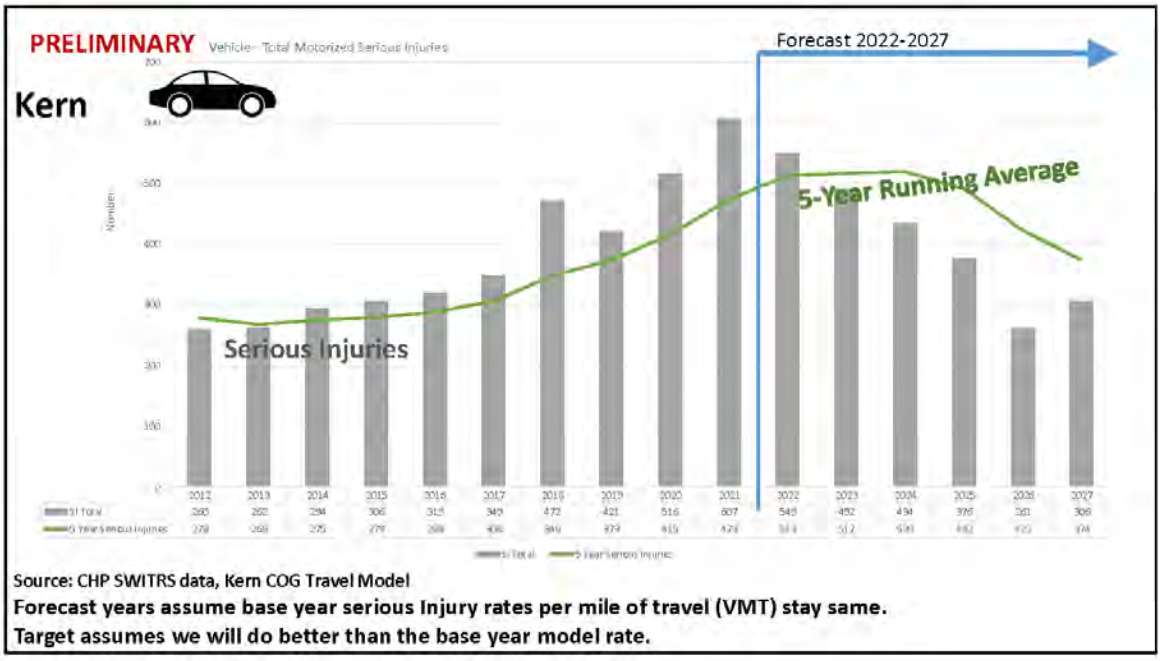


Source: CHP SWITRS data, Kern COG Travel Model

Forecast years assume base year fatality rates per mile of travel (VMT) stay same.

Target assumes we will do better than the base year model rate.

15

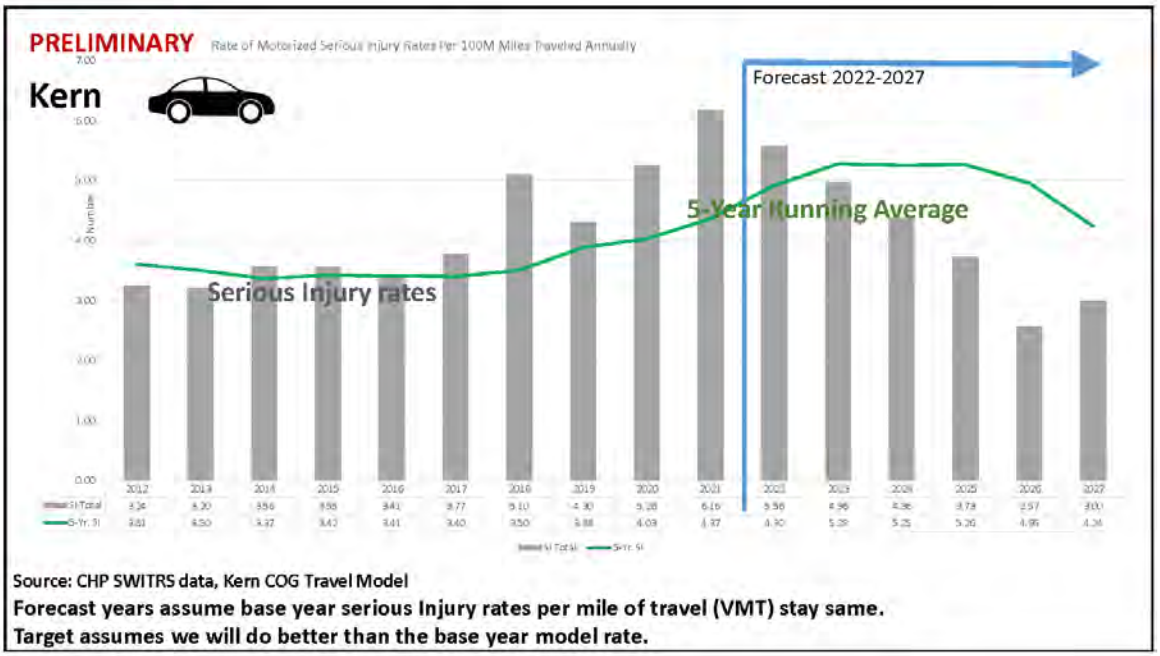


Source: CHP SWITRS data, Kern COG Travel Model

Forecast years assume base year serious Injury rates per mile of travel (VMT) stay same.

Target assumes we will do better than the base year model rate.

16

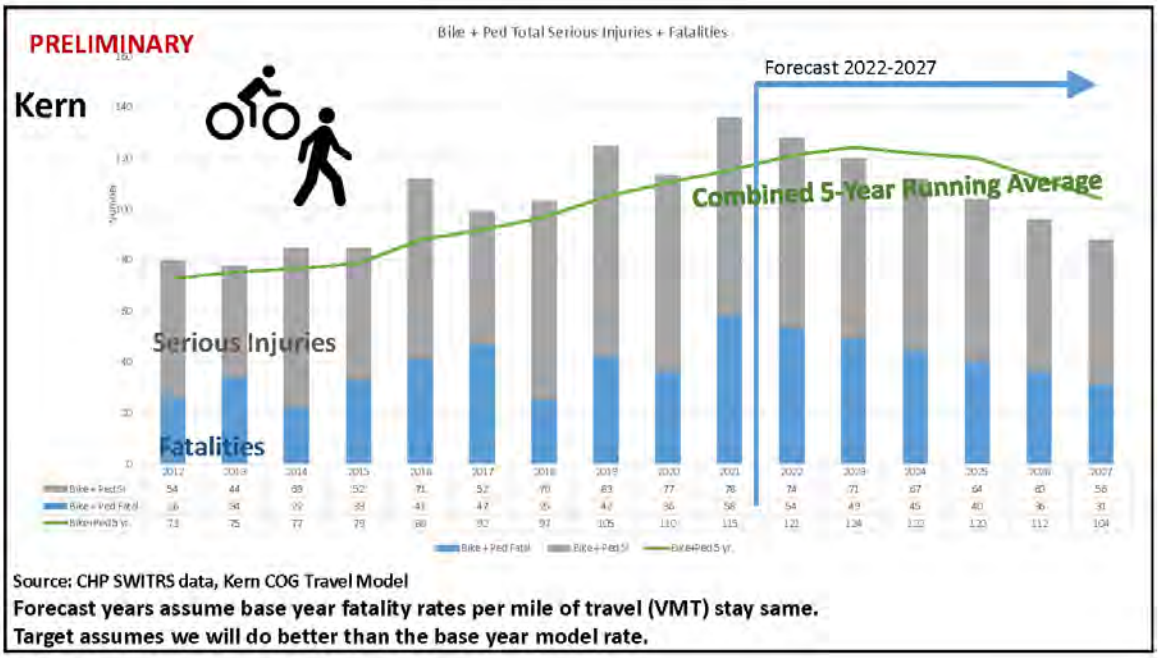


Source: CHP SWITRS data, Kern COG Travel Model

Forecast years assume base year serious Injury rates per mile of travel (VMT) stay same.

Target assumes we will do better than the base year model rate.

17



Source: CHP SWITRS data, Kern COG Travel Model

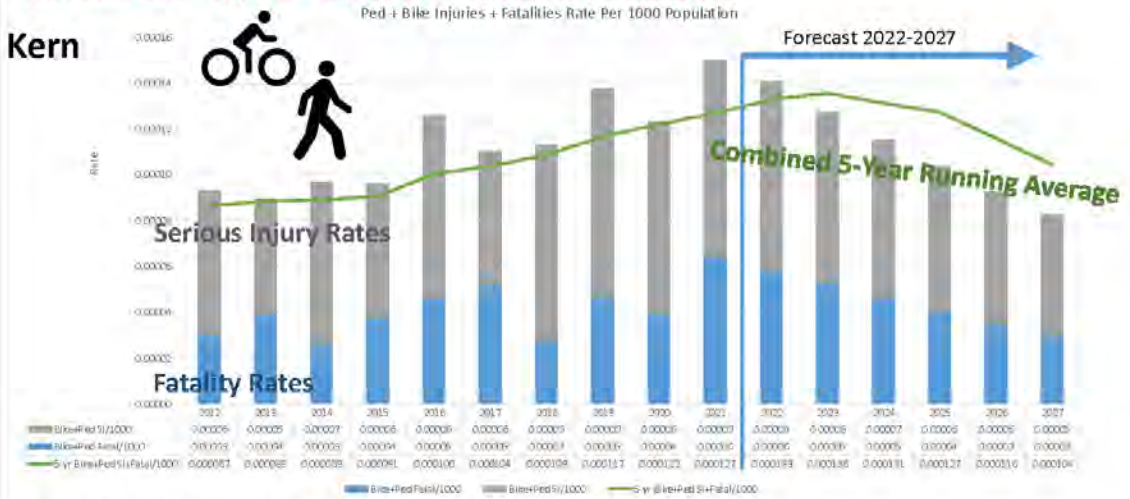
Forecast years assume base year fatality rates per mile of travel (VMT) stay same.

Target assumes we will do better than the base year model rate.

18

PRELIMINARY – Optional Measure (not federally required)

Kern



Source: CHP SWITRS data, Kern COG Travel Model

Forecast years assume base year fatality rates per mile of travel (VMT) stay same.

Target assumes we will do better than the base year model rate.

19

PRELIMINARY 2022 FEDERAL TARGETS UPDATE – Statewide & Kern

Statewide

Five Performance Targets	New for 2023 (5-yr)	Old for 2022 (5-yr)
Number of Fatalities =	3808	3492
Rate of Fatalities per 100 Million VMT =	1.216	1.042
Number of Serious Injuries =	15156	16704
Rate of Serious Injuries per 100 Million VMT =	4.904	4.879
Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries (Bicycles and Pedestrians) =	4132	4684

Kern

Five Performance Targets	for 2023 (5-yr)	for 2022 (5-yr)
Number of Fatalities =	192 (5% of the State*)	177
Rate of Fatalities per 100 Million VMT =	1.95	1.77
Number of Serious Injuries =	517 (3.4% of the State*)	404
Rate of Serious Injuries per 100 Million VMT =	5.28	4.05
Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries (Bicycles and Pedestrians) =	124 (3% of the State**)	106

*Kern accounts for 2.8% of the state VMT in 2020. **Kern accounts for 2.3% of the state population in Jan. 2022.

20

Toward Zero – What your agency can do:

The Caltrans Strategic Highway Safety Plan proposes four countermeasures to improve safety: engineering, education, enforcement and emergency services. Projects such as: **countdown pedestrian signals, buffered bike lanes, roundabouts, and establishing extra safety corridor enforcement,** where spikes in accident activity occur, should be considered where appropriate. In addition, state and federal **funding programs** as well as Kern COG's project delivery policies give extra points for projects that improve safety, including:

- Highway Safety and Improvement Program (**HSIP**) – local & state road safety projects
- State Highway Operation and Protection Program (**SHOPP**) – state highway safety projects
- Regional Surface Transportation Program (**RSTP**) – local road maintenance & safety projects
- Active Transportation Program (**ATP**) – (58%-78% pts. for safety & need depending on size)
- Regional Transportation Improvement Program (**RTIP**) – (50% of points safety/congestion)
- Congestion Mitigation and Air Quality (**CMAQ**) – (40% of points for safety/congestion)
- Kern Motorist Aid Authority (**KMAA**) – Travel info., safety roadside cleanup, safety corridors

21

HSIP Attachment 2a

2007-2018 Highway Safety and Improvement Program (HSIP) – Kern Region

Agency Name	Year	Unique Project ID	Location of Work	Description of Work	Project Cost	Federal Funds
Arvin	2018	H9-06-001	Various existing intersection locations throughout the City of Arvin with an emphasis on locations adjacent to parks and schools.	Install new striped pedestrian crosswalks, stop bars, striping and a few curb ramps.	$ 249,900	$ 249,900
Arvin	2013	HSIP6-06-001	Bear Mountain Blvd (SR 223)/Derby St	Install traffic signals, railroad crossings, upgrade and install new pavement, striping and pavement markers	$724,400	$651,700
Bakersfield	2018	H9-06-002	Calloway Drive in front of Norris Middle School at existing crosswalk near Manhattan Drive; Monitor Street in front of Palla Elementary School at existing crosswalk near Kyner Avenue.	Install flashing yellow beacons near crosswalks	$ 246,100	$ 246,100
Bakersfield	2016	H8-06-001	Fifty-seven (57) signalized intersections within the north west portion of the City of Bakersfield.	Remove existing pedestrian walk/don't walk signal heads and install new pedestrian countdown timer modules for all pedestrian crossings.	$ 124,400	$ 111,960
Bakersfield	2016	H8-06-002	Eighty-eight (88) signalized intersections within the south west portion of the City of Bakersfield.	Remove existing pedestrian walk/don't walk signal heads and install new pedestrian countdown timer modules for all pedestrian crossings.	$ 211,200	$ 190,080
Bakersfield	2015	HSIP7-06-004	Various Locations - 62 signalized intersections within the north east portion of the City of Bakersfield	Install pedestrian countdown head at each signalized intersection	$ 194,000	$ 174,600
Bakersfield	2015	HSIP7-06-005	Various Locations - 50 signalized intersections within the south east portion of the City of Bakersfield	Install pedestrian countdown head at each signalized intersection	$ 168,000	$ 151,200
Bakersfield	2013	HSIP6-06-002	60 intersections throughout the City of Bakersfield	Install pedestrian countdown signal heads	$190,000	$171,000
Bakersfield	2012	HSIP5-06-001	Twenty (20) intersections within the city	Install pedestrian countdown heads	$129,000	$116,000
Bakersfield	2011	HSIP4-06-007	Various locations throughout the city	Install pedestrian countdown heads	$126,000	$113,400
Bakersfield	2008	6340	INSTALL FLASHING BEACONS AND CURB RAMPS.	BENTON STREET BETWEEN MING AVE. AND WILSON RD.	$40,100	$36,090
Delano	2018	H9-06-004	Twenty-two (22) uncontrolled pedestrian crossing locations throughout the City of Delano.	Install pedestrian crossings at uncontrolled locations; Install/upgrade larger intersections warning/regulatory signs.	$ 249,300	$ 249,300
Delano	2015	HSIP7-06-006	32 non-signalized crosswalk locations throughout the City of Delano.	Install pedestrian actuated warning systems; Install Advanced Yield Markings, and Install Pedestrian Crossing Signs	$ 437,900	$ 437,900
Delano	2013	HSIP6-06-004	Cecil Ave/Albany St	Upgrade traffic signals; Install protected left-turn phasing	$320,600	$288,500
Delano	2008	6375	INSTALL TRAFFIC SIGNAL	CECIL AVE. AND HIETT AVE. INTERSECTION	$350,000	$315,000
Kern County	2018	H9-06-010	Eighty-two (82) crosswalk locations at 79 intersections throughout Kern County.	Install continental crosswalks, intersection warning signs, reflective signs, pedestrian crossing signs. ADA curb ramps, street lighting, cross drains, and AC tie-ins.	$ 5,196,300	$ 5,120,300
Kern County	2018	H9-06-011	The intersections of Roberts Lane at Sequoia Drive, Norris at Manor, and Manor at China Grade Loop.	Upgrade signals from pedestal to overhead mast arms.	$ 787,600	$ 787,600
Kern County	2018	H9-06-012	Various signalized intersections throughout the unincorporated Bakersfield, Oildale, Wheeler Ridge, Lake Isabella, and Rosamond communities of Kern County.	Construct intersection improvements, including replacing signal hardware at 30 intersections, installing raised pavement markers/striping at 22 intersections, and upgrading existing ADA-accessible curb ramps.	$ 1,567,200	$ 1,567,200
Kern County	2018	H9-06-013	San Diego Street between Hall Road and Burgundy Avenue, in the unincorporated community of Lamont, Kern County.	Install continental crosswalks and lighting at four existing uncontrolled pedestrian crossing areas.	$ 250,000	$ 227,700
Kern County	2016	H8-06-007	Intersection of Mount Vernon Ave at Quincy St	Convert signal to mast arm for east/west bound traffic on Quincy St and install pedestrian countdown signal heads	$ 219,100	$ 219,100
Kern County	2016	H8-06-008	Intersection of Airport Dr at Norris Rd	install additional signal heads at north, west and east bound directions on the near side of the intersection.	$ 219,100	$ 219,100
Kern County	2016	H8-06-009	Various locations in unincorporated Bakersfield and Rosamond areas.	Installation of pedestrian countdown signal heads.	$ 272,000	$ 250,000
Kern County	2016	H8-06-010	Various locations throughout the County of Kern.	Upgrade existing guardrails.	$ 1,200,000	$ 1,200,000
Kern County	2015	HSIP7-06-007	South Union Ave between Taft Highway and Ming Avenue.	Construct left turn channelization	$ 1,134,300	$ 1,020,870
Kern County	2012	HSIP5-06-014	Patton Way between Hageman Rd. and Snow Rd.	Modify traffic signals; install two-way left-turn lane	$180,000	$144,000
Kern County	2012	HSIP5-06-015	Roberts Ln./Oildale Dr.	Construct left-turn lanes; modify traffic signals; install pedestrian countdown heads	$139,000	$109,000

2007-2018 Highway Safety and Improvement Program (HSIP) – Kern Region

Agency Name	Year	Unique Project ID	Location of Work	Description of Work	Project Cost	Federal Funds
Kern County	2011	HSIP4-06-013	Mount Vernon Ave. between Kentucky St. and Niles Pt.	Modify raised medians; relocate crosswalk; construct curb ramps	$213,000	$191,000
Kern County	2008	6370	UPGRADE TRAFFIC SIGNALS	SOUTH UNION AVENUE AND PACHECO RD	$231,000	$207,900
Kern County	2008	6369	UPGRADE TRAFFIC SIGNALS; CONSTRUCT CURB RAMPS	BERNARD ST. AND ALTA VISTA DR. INTERSECTION	$165,000	$148,500
Kern County	2008	6371	UPGRADE TRAFFIC SIGNALS; CONSTRUCT CURB RAMPS	SOUTH UNION AVE. AND FAIRVIEW RD. INTERSECTION	$231,000	$207,900
Kern County	2007	5435	UPGRADE TRAFFIC SIGNALS; REMOVE FIXED OBJECTS; CONSTRUCT CURB RAMPS.	INTERSECTION OF FLOWER ST. AND HALEY ST.	$303,600	$273,240
Mcfarland	2016	H8-06-012	Various stop controlled intersections along Garzoli Avenue, and Perkins Ave and 5th Street.	Upgrade signing with new Solar flashing LED Stop signs, traffic striping and markings, solar Speed Limit warning flashing beacon signs with radar speed feedback, crosswalk with In Roadway warning lights and upgrade ADA curb ramps.	$ 212,400	$ 212,400
Shafter	2015	HSIP7-06-008	Lerdo Highway between Cherry Ave. and Zerker Rd.	Install guardrail	$ 1,081,800	$ 1,081,800
Shafter	2011	HSIP4-06-006	Lerdo Hwy. between Cherry Ave. and Driver Rd.	Install median guardrail, signs, striping, and pavement markings	$1,260,800	$900,000
Taft	2016	H8-06-013	Kern Street between 1st Street and Hillard Street.	Remove existing roadway luminaries and install high performance cobra heads LED Roadway Luminaries, install Radar Speed Feed Back Signs, re-design pedestrians crosswalks, repaint and add markings.	$ 432,000	$ 432,000
Wasco	2018	H9-06-021	Various locations on local roadways throughout Wasco.	Upgrade roadway signs and various intersections as recommended in 2017 City of Wasco Roadway Safety Signs Audit Project Report.	$ 114,023	$ 114,023
Wasco	2016	H8-06-015	Various locations around Barker Park	Install Rectangular Rapid Flashing Beacons (RRFBs), high visibility crosswalks, infill sidewalk, and ADA curb ramps.	$ 178,800	$ 160,920
Wasco	2015	HSIP7-06-009	Various locations within the Wasco city limits	Roadway Safety Sign Audit and sign upgrade/installation project	$ 143,900	$ 143,900
Wasco	2010	HSIP3-06-041	Palm Ave. between SR 46 and 9th Place	Construct ADA compliant curb, gutter, sidewalk, and curb ramps	$232,900	$184,000
Wasco	2008	6366	BICYCLE/PEDESTRIAN IMPROVEMENTS	7TH STREET BETWEEN BROADWAY AND PALM AVENUES	$235,100	$211,590
Wasco	2007	5441	INSTALL IN-PAVEMENT CROSSWALK LIGHTS.	MID-BLOCK CROSSWALK ON POSO DRIVE BETWEEN GRIFFITH AVE. AND POPLAR AVE.	$55,000	$49,500
Wasco	2007	5442	INSTALL IN-PAVEMENT CROSSWALK LIGHTS.	INTERSECTION OF PALM AVE. AND 9TH PLACE.	$189,700	$170,730
				HSIP - Kern Total 2007-2018	$20,205,523	$19,057,003

Project List for Highway Safety Improvement Program (HSIP) Cycle 10 2021

(Sort by Caltrans District and Agency Name)

* Application Category: **BCR** = Benefit-Cost Ratio; SA-PedCrossing = Set-aside for Pedestrian Crossing Enhancements; **SA-Guardrail** = Set-aside for Guardrail Upgrade; **SA-Edgeline** = Set-aside for Installing Edgelines.

No.	Unique Project ID	Original Application ID	Caltrans District	Agency Name	MPO	Project Title	Location of Work	Description of Work	Project Cost	HSIP Funds (State)	Application Category*
112	H10-06-001	06-Bakersfield-3	6	Bakersfield	KCOG	Pedestrian Flashing Beacons	Old Farm Road in front of existing Veterans Elementary School at existing crosswalk near Cherry Valley Avenue, and Mountain Vista Drive in front of existing Earl Warren Junior High School at existing crosswalk near Mount Snow Lane.	Install flashing yellow beacons near existing crosswalks to enhance visibility and slow down vehicular traffic.	$ 246,100	$ 246,100	SA-PedCrossing
113	H10-06-002	06-Bakersfield-4	6	Bakersfield	KCOG	Beale Ave (Niles St and Monterey St)	Intersection of Beale Avenue and Monterey Street and intersection of Beale Avenue and Niles Street.	Install signal poles/controller equipment.	$ 586,000	$ 586,000	BCR
118	H10-06-007	06-Kern County-1b	6	Kern County	KCOG	Lighting Improvements at Multi-Lane Pedestrian Crossings	6 uncontrolled multi-lane pedestrian crossings on arterial and collector roads in unincorporated areas of east Bakersfield, Mojave, Rosamond, & Wofford Heights.	Install lighting.	$ 315,400	$ 290,168	BCR
119	H10-06-008	06-Kern County-1c	6	Kern County	KCOG	Raised Medians at Multi-Lane Road Intersections	Intersection approaches of 5 multi-lane arterial and collector roads in unincorporated areas of Oildale, east Bakersfield, & Mojave.	Install raised medians on the approaches.	$ 215,800	$ 183,430	BCR
120	H10-06-009	06-Kern County-2a	6	Kern County	KCOG	Striping Safety Improvements on Multi-Lane Roads	All Kern County-maintained multi-lane roads and Wheeler Ridge Road (single lane).	Upgrade striping of centerlines/edgelines, left or right turns, & lane drops. Improve safety of curve on Wheeler Ridge Rd with chevron signs. Add new raised pavement markers on all roads. 80 miles of roadway; 226 miles of striping.	$ 1,394,700	$ 1,317,467	BCR
121	H10-06-010	06-Kern County-2b	6	Kern County	KCOG	Bike Lane Striping on Multi-Lane Roads	Several Kern County-maintained multi-lane roads.	Improve the safety of several multi-lane roads county-wide by upgrading approximately 27 miles of bike lane striping over 22 miles of roadway.	$ 375,200	$ 247,620	BCR
122	H10-06-011	06-Kern County-3	6	Kern County	KCOG	Guardrail Upgrade	Various locations throughout the County of Kern.	Upgrade guardrail.	$ 653,700	$ 626,450	SA-Guardrail
123	H10-06-012	06-Kern County-4	6	Kern County	KCOG	Wofford Boulevard Pedestrian Crossing Enhancement	Intersection of Wofford Boulevard & Panorama Drive in the community of Wofford Heights.	Install flashing beacons, radar speed Feedback signs, sidewalk, curb & gutter, ADA ramps, thermoplastic markings and signs at the uncontrolled multi-lane crosswalk.	$ 221,700	$ 221,700	SA-PedCrossing
124	H10-06-013	06-Kern County-5	6	Kern County	KCOG	Cuddy Valley Road Edgeline & Safety Improvement	Cuddy Valley Road between Ivins Road and Obrien Drive, near the community of Frazier Park.	Upgrade existing edgelines and install rumble stripes. Install recessed reflective pavement markers on the centerline.	$ 158,800	$ 158,800	SA-Edgeline
129	H10-06-018	06-Mcfarland-1	6	Mcfarland	KCOG	Signage and Marking Upgrades to Uncontrolled Crosswalks	Uncontrolled crosswalks at the intersections of W Perkins Avenue and 3rd Place, E Perkins Avenue and San Lucas Street, E Perkins Avenue and San Pedro Street, E Sherwood Avenue and Browning Road, and W Kern Avenue and 4th Street.	Install warning signs and upgrade markings to high-visibility, install curb ramps where missing, and add enhanced safety features.	$ 249,900	$ 249,900	SA-PedCrossing
209	H10-09-001	09-California City-1	9	California City	KCOG	California City Blvd Pedestrian and Traffic Safety Improvements	California City Blvd. between Yerba Blvd and Neuralia Road.	Install speed radar, high visibility crosswalks markings, crosswalk flashing beacons, sidewalk repairs with ADA ramps, flashing LED Stop Sign, restriping and signage.	$ 437,000	$ 437,000	BCR
215	H10-09-007	09-Ridgecrest-2	9	Ridgecrest	KCOG	China Lake Blvd Adaptive Signal Upgrades	Signalized Intersections on China Lake Blvd at California Av, Church Av, Upjohn Av, Rader Av, Bowman Rd and College Heights Blvd.	Update the controllers and signal timing for adaptive traffic signals with advanced dilemma zone detection and a leading pedestrian interval.	$ 203,000	$ 203,000	BCR
216	H10-09-008	09-Ridgecrest-3	9	Ridgecrest	KCOG	Citywide Arterial Flashing Stop Signs and Advance Pavement Markings.	25 stop controlled arterial intersections in the City of Ridgecrest.	Upgrade arterial intersections with larger flashing stop signs with wind bracing and install advance "stop ahead" pavement markings.	$ 491,100	$ 491,100	BCR
217	H10-09-009	09-Ridgecrest-4	9	Ridgecrest	KCOG	City of Ridgecrest Crosswalk Upgrades	Three uncontrolled crosswalks at Ridgecrest Boulevard & Alvord Street, Ridgecrest Boulevard & Sanders Street, and midblock on Downs St between Church Ave & Upjohn Ave.	Upgrade uncontrolled crosswalks with enhanced crosswalk features including Rectangular Rapid Flashing Beacons (RRFBs) and high visibility signing and striping.	$ 250,000	$ 250,000	SA-PedCrossing
218	H10-09-010	09-Tehachapi-1	9	Tehachapi	KCOG	Enhanced Striping Project	Various locations in the City of Tehachapi.	Install edgelines and centerlines.	$ 250,000	$ 250,000	SA-Edgeline

Kern Council of Governments

VI.
TTAC

February 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
Executive Director

By: Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VI.
CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

DESCRIPTION: The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

DISCUSSION: At their March 16-17, 2022, meeting, the CTC adopted the 2022 ATP Cycle 6 Fund Estimate and program Guidelines. With the adoption of the Guidelines, the Cycle 6 Active Transportation Program call for projects was subsequently initiated. The CTC adopted their selected statewide applications at the December 7-8, 2022, meeting. One Kern region project was included in the statewide project adoption, which is the County of Kern Norris Pedestrian and Railroad Safety project totaling $9.8 million. All remaining Kern COG applications have been considered for funding with the MPO share of the Cycle 6 ATP funding.

At the January 4, 2023, Transportation Technical Advisory Committee, the County of Kern announced that they were withdrawing their Mt. Vernon project from the MPO list because another grant was awarded for the same project. Now, the final MPO list is modified to show a partial ATP funding for the Bakersfield H St. Corridor project resulting from this change. The final MPO list, found on Page 3, would use all available MPO share of ATP Cycle 6 funding made available to Kern COG and reflects the adopted regional ATP policy. The updated timeline below provides a reminder of final benchmark actions still to come for the ATP Cycle 6 call for projects.

CTC 2023 Cycle 6 Active Transportation Program Timeline

Benchmark Activity	Date
~~E-Project Application Deadline & postmark date~~	~~June 15, 2022~~
~~CTC staff recommendation for statewide applications~~	~~October 21, 2022~~
~~CTC adoption of statewide selected applications~~	~~December 7-8, 2022~~
Deadline for MPO draft project recommendations	February 20, 2023
Deadline for MPO final project recommendations	April 21, 2023
CTC recommendations for MPO components are posted	May 12, 2023
Commission adopts MPO selected projects	June 2023

Recent CTC Activity – On December 7, 2022, the CTC adopted its final statewide project list for ATP Cycle 6. The final project list is posted at:

1. Approved List https://catc.ca.gov/-/media/ctc-media/documents/ctc-meetings/2022/2022-12/18-4-6-a11y.pdf
2. https://catc.ca.gov/-/media/ctc-media/documents/programs/atp/2022/2023-atp-all-scores-by-county-a11y.pdf

Background: At the August 18, 2022, California Transportation Commission (CTC) meeting, the Commission adopted a revised Fund Estimate for the Active Transportation Program (ATP) Cycle 6, which is now adopted. The approved revised Fund Estimate for the statewide ATP budget is now **$1.7 billion** due to an infusion of funding from the recently approved 2022-23 state budget. The Kern COG guaranteed regional share of that statewide has been increased to **$16.798 million**. During the August CTC meeting, presenters noted several things:

1) the total number of applications for Cycle 6 was over $3 billion.
2) the CTC hopes that a good ATP delivery record will encourage future legislated ATP add-on funds;
3) the full amount is available in the first year, but projects will be programmed over a 4-year period; and
4) the CTC will support early allocation requests for delivery of the Cycle 6 projects.

Original Fund Estimate –The statewide budget for the 2022 ATP Cycle 6 Call for Projects for the 4-year span for this cycle, 2023-24 through 2026-27, is $1.7 billion. Now that the staff recommendation has been published, Kern COG will consider funding those applications in the order that they were ranked by the state. The original Kern COG's MPO target funding amount for Cycle 6 for the 4-year span from 2023-24 through 2026-28, is $16.8 million. Kern COG staff will develop an MPO list in January 2023 and circulate it to the TTAC. In February, staff will provide a TTAC item with the recommended final MPO list for regional adoption on February 16, 2023. The adopted MPO list will be sent to the CTC by February 20, for adoption of MPO selected projects by June 2023.

Kern COG Policy Background - CTC ATP Guidelines and Fund Estimate establish the project selection process and ATP programming capacity for the state and MPO share. When ATP first began, the Kern Council of Governments adopted its ATP project delivery policy that defers to the original state application review and ranking for all original state submitted applications. Kern COG does not do a separate ATP Call for Projects to use the MPO share and therefore does not adopt its own modified guidelines or conduct a separate MPO call for projects. Instead, Kern COG considers the remaining applications for MPO share funding following the ranking order as best as possible already established by the state-ranked applications not selected by the state. Applicants should use the following links to ensure access to up-to-date information for the 2023 Cycle 6 ATP Call for Projects:

https://catc.ca.gov/programs/active-transportation-program and
https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program.

Go to: https://www.kerncog.org/wp-content/uploads/2019/03/project_selection_policy_20190321.pdf for the Kern COG Project Selection Policy document. The ATP section is found in Chapter 6, page 64.

Submitted applications from Kern agencies - The ATP Cycle 6 statewide call for projects resulted in 19 Kern region submitted applications for a value of **$69 million**. They are listed on page 3. This table has been updated to include the ranking values for each application. The County of Kern project that ranked 91 is highlighted in yellow. This project has been approved for state funding. Projects recommended for the MPO list are highlighted in blue. This selection is based on Kern COG policy and has been financially constrained to the CTC adopted ATP Cycle 6 Fund Estimate. Kern COG's revised share is estimated at $16,798,000 over a 4-year programming cycle from 2023-24 through 2026-27. This item is an action item this month. Kern COG staff recommends that a contingency list for the MPO list include the partially funded Bakersfield project and then the Tehachapi project.

ACTION:
Recommend that the Transportation Planning Policy Committee approve the list of projects as shown in Attachment A. ROLL CALL VOTE.

ATTACHMENT A
KERN REGION LIST OF SUBMITTED & RECEIVED CYCLE 6 ATP APPLICATIONS
YELLOW HIGHLIGHT - APPROVED STATE FUNDED PROJECT
BLUE HIGHLIGHT - FINAL MPO FUNDED PROJECT
BOLD - CONTINGENCY

State Ranking	Implementing Agency	Project Name	Total	Other	ATP	ENV	DESIGN	ROW	CONS	Received
29	Bakersfield, City of	School Flashing Yellow Beacons	$ 803,000	$ -	$ 803,000	$ -	$ 143,000	$ -	$ 660,000	06/15/22
35	Bakersfield, City of	California Avenue (Marella Way to Planz Rd)	$ 5,461,000	$ -	$ 5,461,000	$ -	$ 975,000	$ -	$4,486,000	06/15/22
39	Bakersfield, City of	California Avenue (Oleander Ave to R St)	$ 1,980,000	$ -	$ 1,980,000	$ -	$ 353,000	$ -	$1,627,000	06/15/22
40	Bakersfield, City of	Kern River North of 24th Street	$ 2,758,000	$ -	$ 2,758,000	$ 295,000	$ 197,000	$ -	$2,266,000	06/15/22
48	Bakersfield, City of	Bakersfield Bicycle Facilities	$ 263,000	$ -	$ 263,000	$ -	$ -	$ -	$ 263,000	06/15/22
50	Bakersfield, City of	Monterey St (Alta Vista Dr to Brown St)	$ 4,789,000	$ -	$ 4,789,000	$ -	$ 855,000	$ -	$3,934,000	06/15/22
55	Kern County - D6	Niles Street Safety Project	$ 1,785,000	$ 260,000	$ 1,525,000	$ 10,000	$ 250,000	$ -	$1,525,000	06/15/22
56	Caltrans	City of Arvin HAWK- Arvin's "Walk on Walnut Crosswalk Beacon"	$ 1,398,000	$ 200,000	$ 1,198,000	$ 120,000	$ 80,000	$ 137,000	$1,061,000	06/15/22
57	Bakersfield, City of	Arvin-Edison Canal Multi-Use Path	$ 9,940,000	$ -	$ 9,940,000	$ 710,000	$1,065,000	$ -	$8,165,000	06/15/22
60	**Tehachapi, City of**	**Northside Neighborhood Complete Sidewalk & Bicycle Lane Project**	**$ 3,494,000**	**$ -**	**$ 3,494,000**	**$ 25,000**	**$ 370,000**	**$ 39,000**	**$3,060,000**	**06/14/22**
66	**Bakersfield, City of**	**H Street Corrior (SR-204 to Hwy 58)**	**$ 8,454,000**	**$ 5,300,106**	**$ 3,154,000**	**$ -**	**$1,509,000**	**$ -**	**$6,945,000**	**06/15/22**
70	Taft, City of	10th St & San Emidio St - Intersection Safety Improvements	$ 455,000	$ -	$ 455,000	$ 5,000	$ 42,000	$ -	$ 408,000	06/15/22
71	Delano, City of	ATP-6 SRTS Sidewalk Gap and Crosswalk Improvement Project	$ 703,000	$ -	$ 703,000	$ -	$ 75,000	$ -	$ 628,000	06/13/22
72.5	Wasco, City of	Central Avenue Class I & Class II Bicycle Trails	$ 660,000	$ -	$ 660,000	$ 5,000	$ 71,000	$ -	$ 584,000	06/15/22
78	Kern County - D6	Safe Route To School (SRTS) ADA Crosswalk Safety	$ 2,342,000	$ 582,000	$ 1,760,000	$ 10,000	$ 344,000	$ -	$1,988,000	06/15/22
80.5	Kern County - D6	Kern River Parkway Multi-use Path Safety & Connectivity Project	$ 8,035,000	$ 1,235,000	$ 6,800,000	$ 100,000	$1,150,000	$ -	$6,785,000	06/15/22
84	Kern County - D6	Mt Vernon SRTS Safety Project	$ 3,248,000	$ 384,000	$ 2,864,000	$ 10,000	$ 374,000	$ -	$2,864,000	06/15/22
87	Tehachapi, City of	Valley Boulevard and Mill Street Gap Closure Project	$ 3,266,000	$ -	$ 3,266,000	$ 65,000	$ 315,000	$ 200,000	$2,686,000	06/15/22
91	Kern County - D6	Norris Pedestrian and Railroad Safety Project	$ 9,793,000	$ 1,011,000	$ 8,782,000	$ 10,000	$1,059,000	$2,600,000	$6,124,000	06/15/22
		TOTALS FOR ALL APPLICATIONS	**$ 69,521,000**	**$ 3,672,000**	**$ 65,849,000**	**$ 1,365,000**	**$ 9,227,000**	**$ 2,976,000**	**$ 55,953,000**	
		ATP PROJECT FUNDED BY THE STATE	$ 9,793,000	$ 1,011,000	$ 8,782,000					
		PROJECTS RECOMMENDED FOR MPO SHARE FUNDING	$ 18,972,000	$ 2,201,000	$ 16,798,000					
		ESTIMATED AVAILABLE ATP CYCLE 6 MPO SHARE			$ 16,798,000					

Note 1: The H Street Corridor project was reduced to $3,260,000 for ATP funding. The City of Bakersfield would be required to use local funds for the balance.

Note 2: The Mt. Vernon Safe Routes to School Safety Project was withdrawn after their announcement at the January 4, 2023 TTAC meeting.

Note 3: The contingency list would include 1) adding additional funding to the construction phase of the Bakersfield project; then 2) funding the Tehachapi project either partially or fully.

Kern Council of Governments

VII.
TTAC

February 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VII.
PROJECT DELIVERY LETTERS – TDA ARTICLE 3

DESCRIPTION:

Presentation of project delivery letters for Transportation Development Act (TDA) Article 3 projects. 14 projects have not yet been submitted for funding reimbursement representing $1,841,972 in state funding.

DISCUSSION:

Background

Per the Kern COG Project Delivery Policy and Procedures, TDA Article 3 projects approved for funding in one fiscal year shall be considered void if construction is not started by the end of the following fiscal year. Funds allocated within the Local Transportation Fund and those disbursed to a claimant's local treasury shall then be returned or refunded to the unallocated pedestrian/bikeway reserve account for reallocation during the next program funding cycle. Annual projects are awarded based on Kern COG's published scoring process (on a competitive basis) and are awarded by Kern COG's published scoring process. The MO# given to any awarded project indicates the year the project was awarded.

Project Delivery Letters

Project delivery letters for TDA Article 3 projects were discussed at the January 4, 2023, Transportation Technical Advisory Committee meeting. As part of "Kern COG's Project Delivery Policies and Procedures Chapter 2: Implementation Procedures Overview", local agencies are to submit for funding reimbursement by the end of January. If an agency does not, then they are required to send a revised submittal schedule to Kern COG. As shown in the summary table. Please submit letters by **February 3rd** to meet the February Transportation Planning Policy Committee agenda deadline. In total, 14 projects have not yet been submitted for funding reimbursement representing $ 1,841,972 in state funding.

Summary

Agency	No. of Projects	Letters received	Letters needed
Arvin	0	Not required	
Bakersfield	3	One	Two
California City	1	One	Zero
Delano	0	Not required	
Kern County	1	Zero	One
Maricopa	0	Not required	
McFarland	5	Zero	Five
Ridgecrest	0	Not required	
Shafter	0	Not required	
Taft	1	One	Zero
Tehachapi	1	One	Zero
Wasco	1	Zero	One
Total	14		

Attachments: TDA Article 3 project list as of January 20, 2023
Project Delivery Emails

ACTION: Information.

1) Transportation Development Act Article 3 Program - Un-invoiced Projects Before FY 2021-22						
Project Status						
Status Code: 1=Not Started 2=Under Construction 3=Completed						
Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield	9/19/2019	MO#19-03	Pedestrian Countdown Counters	$ 5,810	3	Waiting for invoice
Bakersfield total				**$ 5,810**		
Kern County	9/19/2019	MO-19-03	Lake Ming/KR Golf Course Extension (I of III)	$ 464,005	2	Estimated project completion January 2023
Kern County total				**$ 464,005**		
McFarland	9/15/2016	MO#16-05	Bicycle Safety	$ 2,000	3	Partial billing of $904.30 on July 27, 2018
McFarland	9/19/2019	MO#19-03	Bike Parking	$ 3,000	1	Mar-23
McFarland	9/19/2019	MO#19-03	Bike Safety Program	$ 2,000	1	Dec-22
McFarland	9/19/2019	MO#19-03	West Kern Ave and 6th Street Curbs (I of II)	$ -	3	Completed July 8, 2022
McFarland total				**$ 7,000**		
Taft	9/19/2019	MO#19-03	South 4th Street Pedestrian Improvements (I of II)	$ 157,800	1	Project will be completed by June 2022
Taft total				**$ 157,800**		
Current outstanding TDA Article 3 projects un-invoiced				**$ 634,615**		

2) Transportation Development Act Article 3 Program - Funded and Un-Funded Projects FY 2021-22						
Project Status						
Status Code: 1=Not Started 2=Under Construction 3=Completed						
Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield	7/15/2021	MO#21-07	Bike Parking	$ 3,000	1	
1st Priority Projects	**Total**			**$ 3,000**		
Bakersfield/Kern County	7/15/2021	MO#21-5	Addition of a Class 1 bike path along County Dump Rd. between Fairfax Rd. and Paladan Dr. Kern County will be a sub applicant	$ 267,000	1	Project estimated to be comp. 1-30-2023
2nd Priority				**$ 267,000**		
Total Funded Projects				**$ 270,000**		
McFarland	7/15/2021	MO#21-01	Remove and replace non-ADA compliant curb ramps on Ebell St. Mast Ave. to Woodruff Ave. & 6th St. and California Ave.	$ 156,158	1	Est. June 2023
Tehachapi	7/15/2021	MO#21-02	Complete pedestrian facilities on both sides of Brentwood Dr. between Cury St. and Oakwood St. with a new ADA compliant sidewalk, curb, and gutter	$ 284,750	1	Should be completed Spring 2023
Taft	7/15/2021	MO#21-03	Construct new curb and gutter, sidewalk, ADA compliant ramps, drive approaches and related pedestrian improvement on west side of 4th St. from Supply Row to Main St.	$ 169,080	3	Should receive invoice in May 2023
Wasco	7/15/2021	MO#21-04	Remove existing non-ADA compliant ramps and replace with ADA compliant curb and ramps on D St. Blvd. between Filburn and Stephen Court east side and on Filburn St. between Gaston St. amd D St. north side	$ 156,831	1	Should be completed Spring 2023
California City	7/15/2021	MO#21-05	Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.	$ 170,538	1	Should be completed Februrary 2023
3rd Priority Projects (Unfunded)				**$ 937,357**		
TDA Article 3 projects funded and unfunded				**$1,207,357**		

BAKERSFIELD

THE SOUND OF *Something Better*

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA. 93301

January 12, 2023

RE: MO#21-05 Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding reimbursement by the end of the month of January. If an agency does not plan to submit by the end of January, then that agency sends revised submittal schedule to Kern COG by January 13th. Since the City of Bakersfield does not plan to submit project MO#21-05 by January for funding reimbursement, the following is provided as City of Bakersfield response:

Class I Bike Path County Dump Road

- Funding program: TDA Article 3
- Total cost of project: $329,588
- TDA share of project: $267,000
- Reason for delay: Construction delayed by weather conditions.
- Revised submittal date: 04/29/2023

Should you have any questions, contact Susanna Kormendi at 661-326-3997 or skormendi@bakersfieldcity.us.

Very truly yours,
Gregg Strakaluse
Public Works Director

By: _____
Ryan Starbuck
Traffic Engineer

Public Works Department
1501 Truxtun Avenue, Bakersfield, CA 93301
661-326-3724 FAX: 661-852-2120

ACCREDITED AGENCY APWA

January 19, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: MO#21-02 Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding reimbursement by the end of the month of January. If an agency does not plan to submit by end of January, then that agency sends a revised submittal schedule to Kern COG by January 13th. Since the City of Tehachapi does not plan to submit project MO#21-02 by January for funding reimbursement, the following is provided as the City of Tehachapi response:

RE: Complete pedestrian facilities on both sides of Brentwood Dr. between Curry St. and Oakwood St. with a new sidewalk, curb and gutter

- Funding program: TDA Article 3
- Total cost of project: $284,750
- TDA share of project: $284,750
- Reason for delay: We are currently in the design phase with an estimated design completion date of March 2023. Once complete we can proceed with Construction bid. Construction estimated start date is summer 2023 with a completion date of December 2023.
- Revised submittal date: March 15, 2023

Should you have any questions, contact Development Services Director Jay Schlosser at (661) 822-2200 ext. 115 or jschlosser@tehachapicityhall.com

Sincerely,

Jay Schlosser
Development Services Director

January 13, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: **MO# 21-03** Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding reimbursement by the end of the month of January. If an agency does not plan to submit by end of January, then that agency sends a revised submittal schedule to Kern COG by January 13TH. Since the **City of Taft** does not plan to submit project **MO# 21-03** by January for funding reimbursement, the following is provided as the **City of Taft** response:

South 4th Street Pedestrian Improvements Phase II - Construct new curb and gutter, sidewalk, ADA compliant ramps, drive approaches and related pedestrian improvement on west side of 4th St. from Supply Row to Main St.

- Funding program: **TDA Article 3**
- Total cost of project: **$ 169,080.00**
- TDA share of project: **$ 169,080.00**
- Reason for delay: **The final design and CEQA environmental clearance of the project have not been completed. The anticipated construction completion date is the end of December 2023.**
- Revised submittal date: **January 31, 2024**

Should you have any questions, contact Juan Pantoja at (661) 558-4641 or juan@bhtengineering.com

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Kelly Kulikoff
MAYOR

Michael Kulikoff
Ronald Smith
Jim Creighton
Karen Macedonio
COUNCIL MEMBERS

Dr. Jim Hart
INTERIM CITY MANAGER

Januray 9, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: MO #21-05 Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding reimbursement by the end of the month of January. If an agency does not plan to submit by end of January, then that agency sends a revised submittal schedule to Kern COG by January 13th. Since California City does not plan to submit project Minute Order #21-05 by January for funding reimbursement, the following is provided as California City response:

Project Name: Hacienda Blvd. Pedestrian Improvements Ph 1

Construction of new sidewalk, curb, and gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd. between S. Loop Blvd and Manzanita Ave.

- Funding program: TDA Article 3
- Total cost of project: $170,538
- TDA share of project: $170,538
- Reason for delay: *California City's recent administration staff turnover has impacted the implementation of this project.*

Revised submittal date: January 31, 2024

Should you have any questions, contact Ramon H Pantoja at (661) 558-4641 or rpantoja@bhtengineering.com

Kern Council of Governments

VIII. TTAC

February 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Joseph Stramaglia, Project Delivery Team Lead

SUBJECT: TTAC AGENDA ITEM: VIII.
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

DESCRIPTION:
Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission for their approval in December of the same odd-numbered year.

DISCUSSION:
The California Transportation Commission (CTC) will initiate the 2024 Regional Transportation Improvement Program (2024 RTIP) process at their January 25– 26, 2023 meeting to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The general order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

Tentative - 2024 Regional Transportation Improvement Program Schedule		
January 2023	CTC	Adopt 2024 STIP Fund Estimate Schedule
March 2023	CTC	Present Fund Estimate Assumptions to
May 2023	CTC	Adopt Fund Estimate Assumptions
June 2023	CTC	Present Draft Fund Estimate
June 2023	KCOG	Regional Workshop TBD
August 2023	CTC	Adopt Statewide Fund Estimate and Guidelines
August 2023	KCOG	Regional Workshop TBD
September 2023	KCOG	Circulate Adm. Draft 2024 RTIP
October 2023	KCOG	Circulate Draft 2024 RTIP
November 2023	KCOG	Regional Adoption of 2024 RTIP
December 2023	KCOG	Submit 2024 RTIP to the CTC by December 15,
February 2024	CTC	Conduct Southern/Northern California Public
March 2024	CTC	CTC will circulate staff recommendation for 2024
April 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

Current 2022 STIP as Adopted - Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding. The Truck Climbing Lanes project on State Route 58 east of Bakersfield is considered a partnership project with Caltrans, with the intent of receiving SHOPP funding in future cycles for the construction phase. SR 46 widening work was advanced in the 2022 STIP to include construction funding for Segments 4B and 4C. These last 2 segments, once constructed, will complete the delivery of the last Phase 4, 5-mile segment. Phases 1, 2, and 3 have been constructed for several years now. The Hageman Flyover project was advanced to construction in the 2022 RTIP. But recently, the Hageman Flyover has been experiencing construction setbacks and delays. A STIP amendment was subsequently submitted by Kern COG to move funding from the Hageman Flyover project to a new freeway to freeway connector project at the SR 58 and 99 freeway interchange. The STIP amendment is scheduled for approval in January 2023. Should the amendment be successful, subsequent RTIP reports will be updated. The following table provides a quick look at the status for each project discussed above.

2022 STIP KERN REGION PROJECT STATUS	
SR 46 Widen Seg 4B	This project is currently under construction and scheduled for completion in 2023. This project will not move forward into the 2024 RTIP
SR 46 Widen Seg 4C	Received construction authorizations in 22-23 and scheduled to begin work in 2023. This project received full STIP and TCEP allocations. This project will not move forward into the 2024 RTIP.
SR 58 Centennial Mainline	Under construction at 81% completed & expected to be completed later this year. Final AB 3090 (STIP) payment was allocated in 2022.
SR 99/204 Hageman Flyover	The Hageman project was not likely to advance to construction as programmed in the 2022 STIP. Kern COG subsequently requested a 2022 STIP Amendment. The amendment was processed by the CTC in December 2022 and January 2023, to remove STIP funds from Hageman and move to new STIP project to construct a new freeway to freeway connector from eastbound SR 58 from new alignment west of SR 99 to northbound 99. The amendment will be considered for approval on January 25-26, 2023, during the scheduled CTC meeting.
SR 58 Climbing Lanes	In the environmental review phase using CRRSAA/COVID funding.
NEW - SR 58/99 Connector	New project subject to CTC STIP amendment approval. This project, if approved at January 25-26, 2023 meeting, will fund construction of new connector. This item will likely move forward into the 2024 RTIP to ensure availability of funding for early allocation request by the City of Bakersfield.

These projects are part of the 2022 State Transportation Improvement Program, and their funding activity is tracked by the CTC, every two years, through an updated document called Report of STIP Balances County and Interregional Shares, or the Orange Book. Attachment A of this report includes the 2022 Orange Book page for the Kern Region. The CTC will provide an update for the 2024 RTIP cycle sometime in the months ahead.

Update of Kern COG Project Delivery Policies and Procedures – In 2019, the Kern COG Board adopted the latest version of the Kern COG Project Delivery Policies and Procedures document which included updates to Chapters 1, 2 and 3. Chapter 3 focuses on the Regional Transportation Improvement Program process. The update included changes that provided consistency with STIP guidelines and other discretionary transportation programs.

Enclosures: Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments

ACTION: Information.

2022 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

($1,000's)

Total County Share, June 30, 2021 (from 2021 Report)	86,641
Adjustment for 2019-20 and 2020-21 lapses	0
Less 2020-21 Allocations and closed projects	(46,091)
Less Projects Lapsed, July 1, 2021-June 30, 2022	0
2022 STIP Fund Estimate Formula Distribution	22,452
Total County Share, June 30, 2022	63,002

Kern

								Project Totals by Fiscal Year							Project Totals by Component					
Agency	Rte	PPNO	Project	Ext	Del.	Voted	Total	Prior	22-23	23-24	24-25	25-26	26-27	R/W	Const	E & P	PS&E	R/W Sup	Con Sup
Highway Projects:																			
Kern COG		6L03	Planning, programming, and monitoring			Dec-21	300	300	0	0	0	0	0	0	300	0	0	0	0
Bakersfield	cash	3705B	AB 3090 Reimbursement (Westside Pkwy-Ph1)(16S-07)			Jun-22	18,963	0	18,963	0	0	0	0	0	18,963	0	0	0	0
Caltrans	14	8042B	Freeman Gulch widening-Segment 2 (RIP 40%)				1,960	1,960	0	0	0	0	0	0	0	0	1,960	0	0
Caltrans	46	3386E	Widen 4 ins, Browns Material Rd-CA Aqueduct, Seg 4C				13,995	5,450	8,545	0	0	0	0	2,750	4,445	0	2,100	600	4,100
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204				25,593	0	0	0	0	25,593	0	0	25,593	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring				2,191	0	300	300	591	500	500	0	2,191	0	0	0	0
			Subtotal, Highway Projects				63,002	7,710	27,808	300	591	26,093	500	2,750	51,492	0	4,060	600	4,100
	Total Programmed or Voted since July 1, 2021						63,002												
COVID Projects																			
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204 (20S-36)			Oct-21	2,686	0	2,686	0	0	0	0	2,686	0	0	0	0	0
Caltrans	58	2664	Truck Climbing Lane, e/b, PM 76.3-79.8(20S-26)				2,272	2,272	0	0	0	0	0	0	0	2,272	0	0	0
	Total Programmed or Voted since July 1, 2021						4,958	2,272	2,686	0	0	0	0	2,686	0	2,272	0	0	0

Balance of STIP County Share, Kern	
Total County Share, June 30, 2022	63,002
Total Programmed or Voted Since July 1, 2021	63,002
Unprogrammed Share Balance	0
Share Balance Advanced or Overdrawn	0
COVID Programming	
Target	6,414
Total Programmed or Voted Since July 1, 2021	4,958
2021-22 Lapsed Projects	0
Less 2020-21 Allocations	0
Under (Over) Target	1,456

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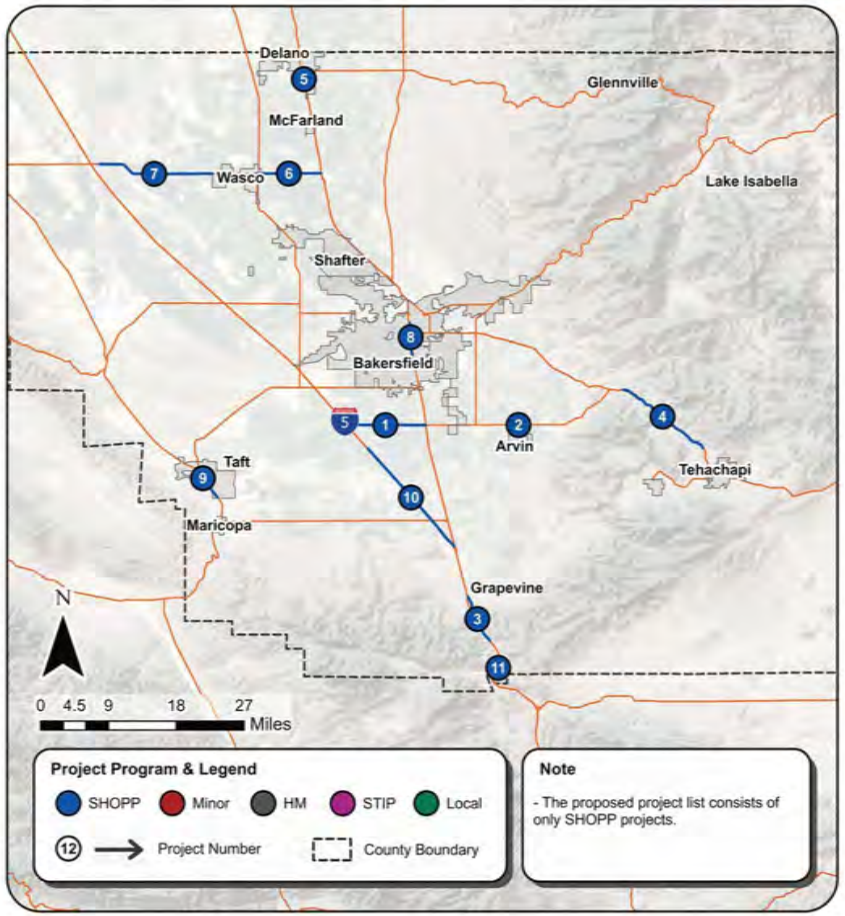
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROPOSED PROJECT LIST (YEARS 6-7)

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROPOSED PROJECT LIST (YEARS 6-7)								
1	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	Proposed	$9,877	2024/25
2	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
3	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25
4	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
5	1A810	6	99	54.6 / 54.61	Delano Facility. Reconstruct Building	ENV	$3,486	2025/26
6	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
7	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
8	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
9	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
10	0W930	6	5	15.9R / 30.0	KER I5 CAPM / Remove .35' HMA and Place .25' HMA and 0.10' RHMA.	ENV	$35,406	2025/26
11	0X570	6	5	.73 / 1.08	Tejon SRRA Water & Wastewater Upgrades / Upgrade Water and Wastewater Systems	ENV	$10,170	2025/26



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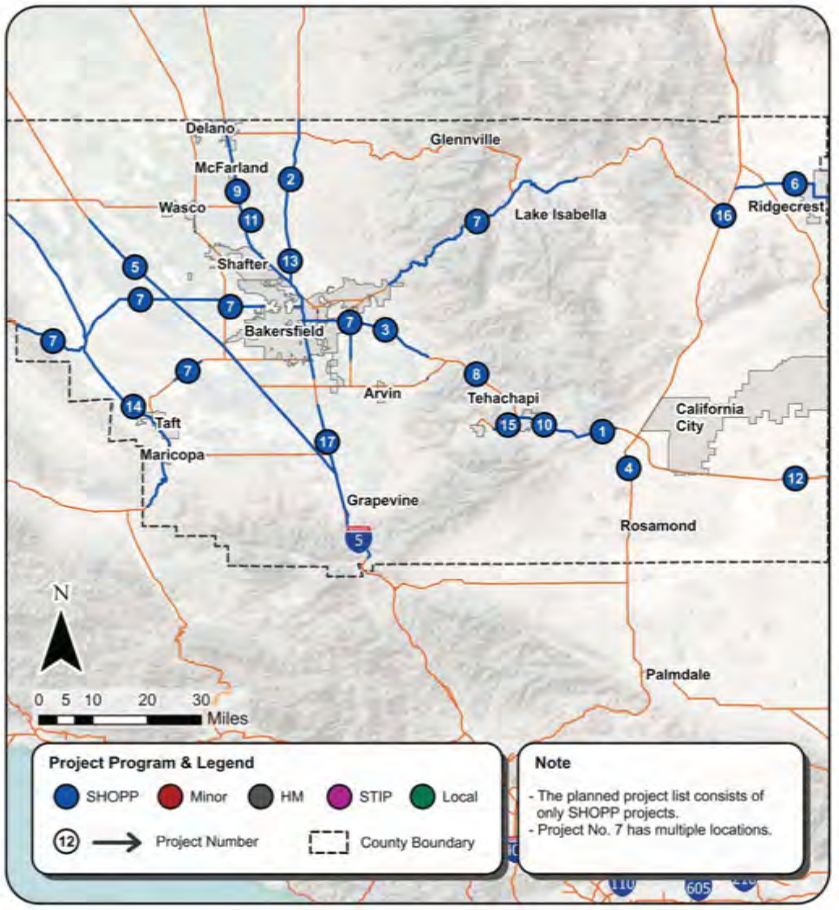
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PLANNED PROJECT LIST (YEARS 8-10)

Kern Council of Governments

No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PLANNED PROJECT LIST (YEARS 8-10)								
1	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	Future	$39,623	2026/27
2	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
3	0X450	6	58	R64.9 / R64.91	Arvin KER-58 Wim Upgrade / Improve Weigh Facility	Future	$3,051	2026/27
4	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	Future	$47,558	2026/27
5	19586	6	5	52.80 / 62.6	Rehab	Future	$76,423	2027/28
6	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	Future	$72,355	2027/28
7	22144	6	58	3.03 / 72.67	In Kern County at various locations. Drainage improvements	Future	$14,196	2027/28
8	22129	9	58	81 / 81.1	In Kern county at CVEF on Route 58 eastbound	Future	$1,260	2028/29
9	1A660	6	99	R43.9R / 49.4	CAPM	Future	$9,522	2028/29
10	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29
11	22167	6	99	R43.6R / R43.61R	50 0011R Spot prep and paint steel members	Future	$2,115	2028/29
12	21986	9	58	R138.75 / R139.0	In Kern County at Boron SRRA. Rehab wastewater treatment.	Future	$2,994	2028/29
13	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
14	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
15	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58.	Future	$9,387	2028/29
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	$2,463	2028/29
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	$13,724	2028/29



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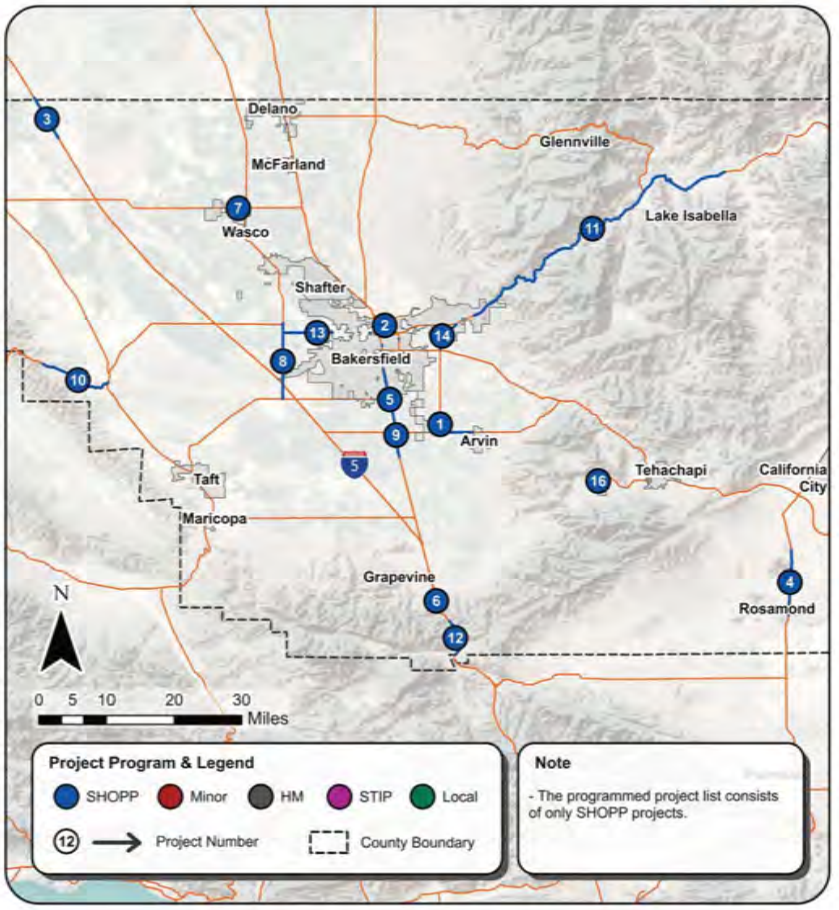
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
1	0V280	6	184	L0.9 / L1.1	Kern 184/Sunset Roundabout / Intersection Improvements	CON	$9,050	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U470	6	5	82 / 87	Lost Hills Rehab / Pavement Rehabilitation (2R)	CON	$29,330	2019/20
4	36740	9	14	R4.7 / R12.6	Rosamond-Mojave Rehab / 2R	CON	$73,615	2019/20
5	0U240	6	99	VAR / VAR	Various locations in Kern and Kings Counties	CON	$10,802	2019/20
6	0W160	6	5	5.97 / 9.78	Grapevine Culvert Repair / Upgrade Drainage Systems	CON	$14,214	2019/20
7	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
8	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
9	0Q920	6	99	10.4 / 21.2	Union Ave to White Lane 2R Rehab / Pavement Rehabilitation and Improve Vertical Clearance	CON	$66,740	2019/20
10	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	$12,400	2020/21
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	$10,100	2021/22
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	$16,783	2021/22



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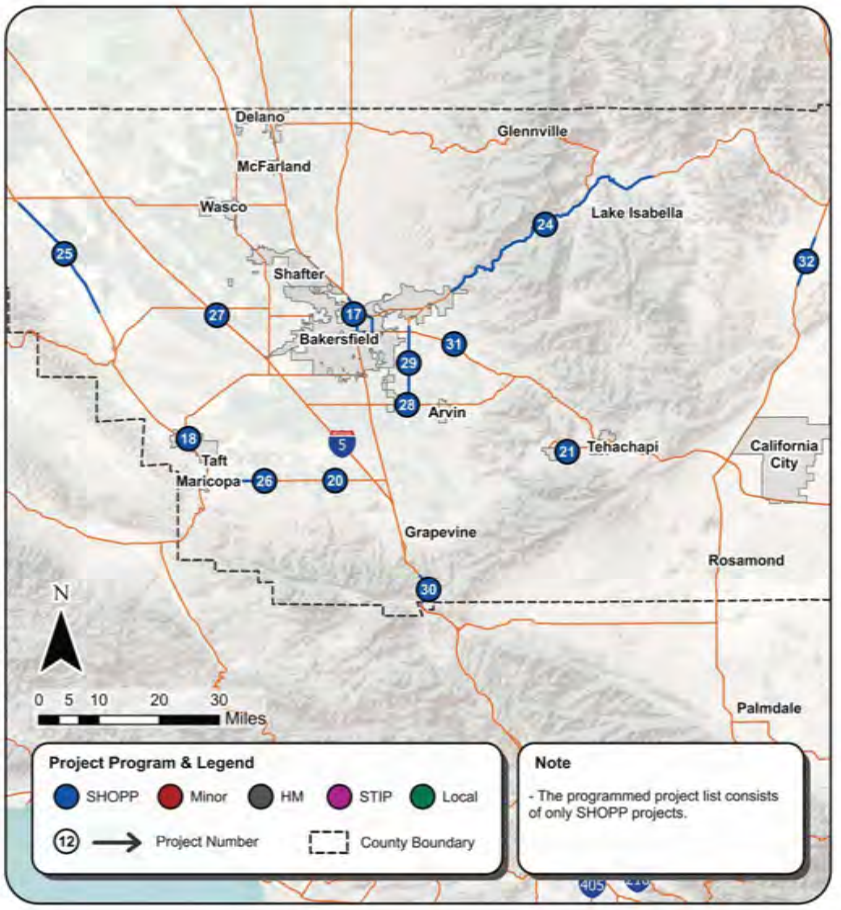
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
17	0Q281	6	99	23.6 / R28.4	Bakersfield 99 Rehab Replacement Planting / Replacement Planting	ENV	$10,340	2021/22
18	0X760	6	119	0.14 / 0.54	Taft Left Turn Channelization / Left-Turn Channelization	ENV	$5,221	2021/22
19	0T000	6	58	R53.2 / R55.6	KER 58 ADA / Upgrade Curb Ramps	DES / ROW	$4,620	2021/22
20	0S050	6	166	17.3 / 17.7	Calif Aqueduct Bridge Rehab / Bridge Rehabilitation/Seismic Retrofit	ENV	$44,045	2021/22
21	36720	9	202	r4.89 / R4.89	Cummings Valley Rd Int / Construct Left Turn Lane	DES / ROW	$5,044	2021/22
22	0W150	6	204	0.00 / 6.752	SR 204 within City of Bakersfield and TUL SR 65 in Exeter at various locations	DES	$10,728	2021/22
23	0W990	6	204	2.805 / 2.805	Union Avenue High Intensity Activated Crosswalk / Install Hybrid Pedestrian Beacon (Hawk)	DES / ROW	$4,275	2021/22
24	0X080	6	178	8.0 / 50.0	Kern Canyon Culvert Rehab / Repair and Replace Culverts	DES / ROW	$13,000	2021/22
25	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
26	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
27	1A690	6	5	47.55 / 52.15	Buttonwillow Median Barrier / Construct Median Barrier	ENV	$5,720	2022/23
28	0R190	6	223	15.7 / 16.3	Arvin SR 223/184 Roundabout / Intersection Improvement	DES / ROW	$3,700	2022/23
29	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
30	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
31	0X160	6	58	64.40 / 67.30	Edison 2R Rehab / Pavement Rehabilitation (2R)	ENV	$14,270	2022/23
32	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23



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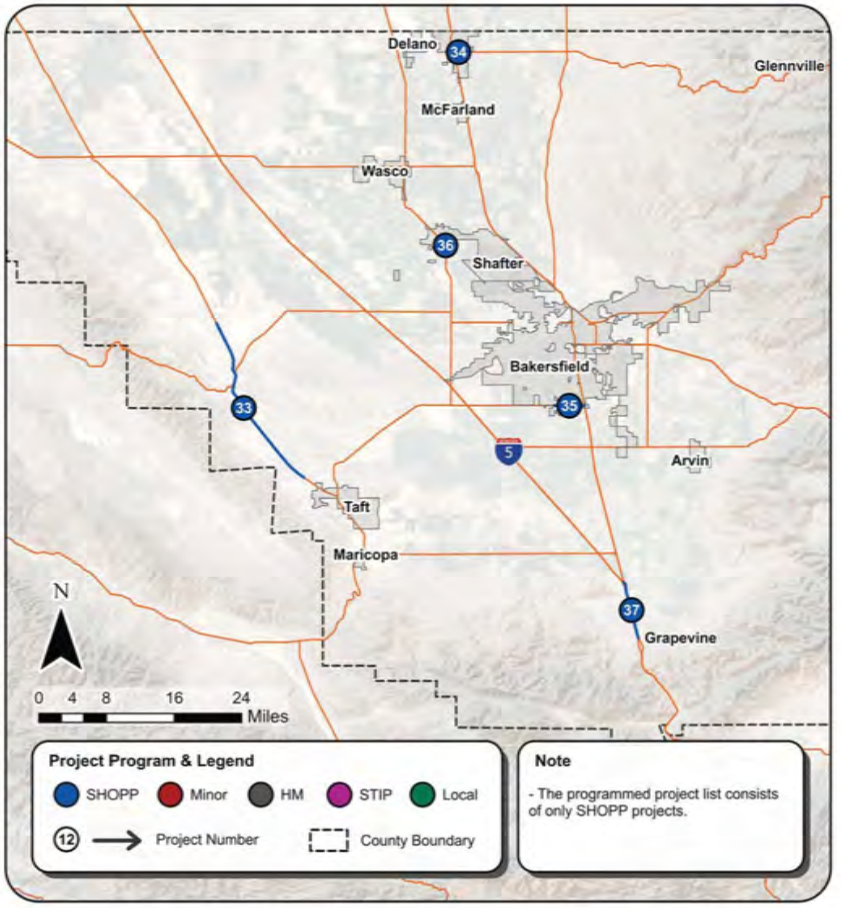
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
33	0X240	6	33	21.8 / 39.8	KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	$11,430	2023/24
34	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
35	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
36	1A470	6	43	15.8 / 15.8	Santa Fe Roundabout / Construct Roundabout	ENV	$13,617	2023/24
37	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24



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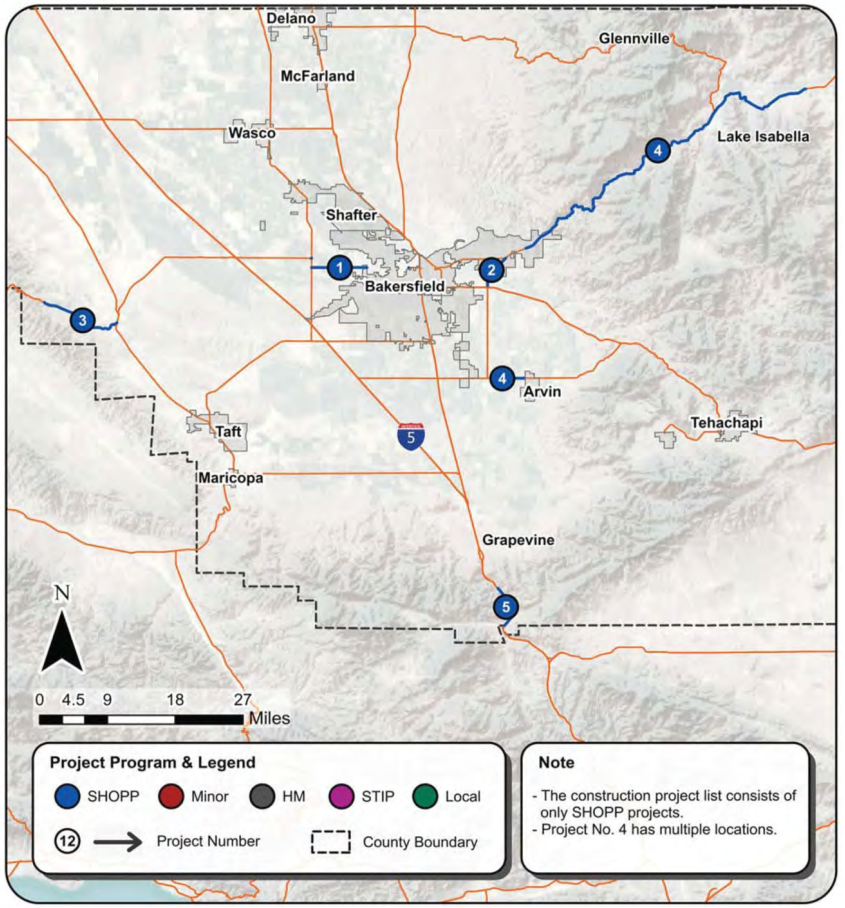
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
CONSTRUCTION READY PROJECT LIST

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
CONSTRUCTION READY PROJECT LIST (READY TO LIST ACHIEVED)								
1	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	CON	$12,400	2020/21
2	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES	$12,140	2020/21
3	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES	$15,970	2020/21
4	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
5	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21



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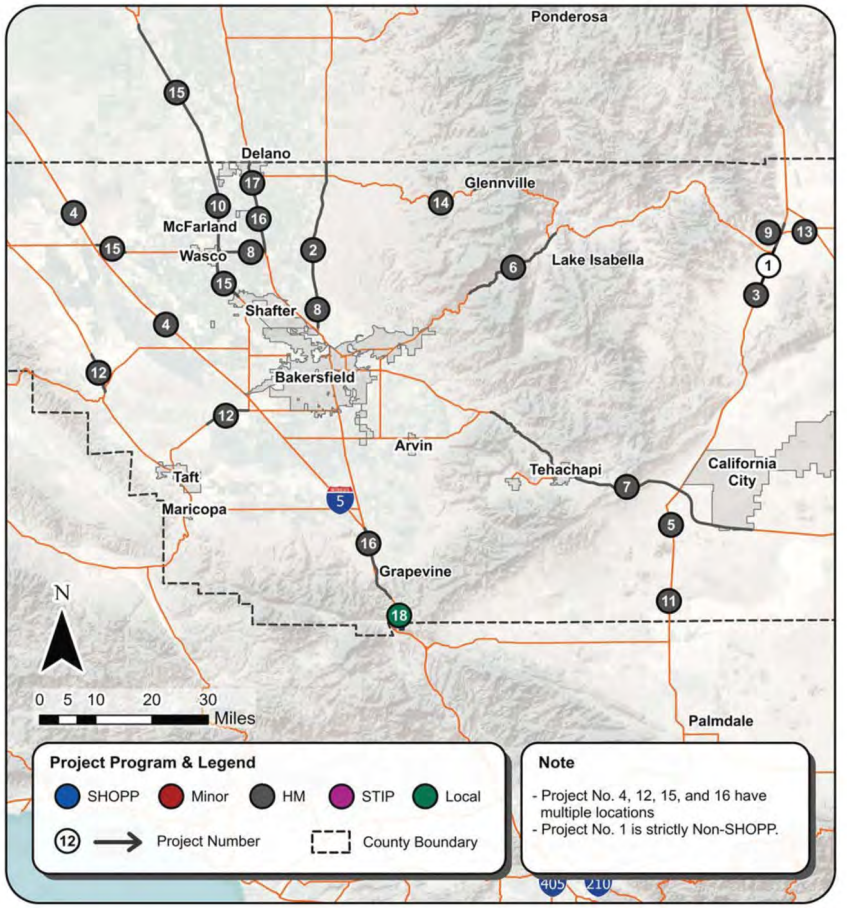
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
1	45712	6	14	53/58.3	Freeman Gulch Widening-Segment 2 / Convert Existing 2-Lane to 4-Lane Expressway	DES / ROW	$85,530	2022/23
2	1B080	6	65	1.0 / 25.169	Striping / 6 inch Stripe	CON	$2,570	2020/21
3	38570	9	14	52.8 / 58.3	Pavement Preservation / AR Chip Seal - SB1	CON	$916	2020/21
4	1A930	6	5	77.0 / 82.6	Rigid Roadbeds / PCC Slab Replacement	CON	$1,075	2020/21
5	38590	9	14	R12.3 / R15.3	Pavement Preservation / Digouts	CON	$1,761	2020/21
6	0Y110	6	178	24.6 / R44.191	Pavement Preservation / PME Medium Chip Seal	CON	$2,525	2020/21
7	38580	9	58	77.252 / R125.3	Pavement Preservation / Digouts	CON	$1,100	2020/21
8	1A950	6	46	51.2 / 57.785	Pavement Preservation / Remove and Replace RHMA Type G	CON	$4,300	2020/21
9	38800	9	14	58.3 / 62.2	Slopes/Vegetation / Slope Repair	CON	$40	2020/21
10	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	$5,425	2020/21
11	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	$32	2020/21
12	1B000	6	33	34.2 / 40.0	Pavement Preservation / PME Medium Chip Seal	CON	$2,425	2020/21
13	38130	9	178	91.88 / 91.88	Maintenance Facilities / Pave portion of yard	CON	$215	2020/21
14	1B020	6	155	35.5 / 37.5	Pavement Preservation / 0.15 HMA Type a w/ Digouts	CON	$2,650	2020/21
15	1A990	6	43	17.3 / R24.0	Pavement Preservation / PME Med Chip Seal	CON	$3,400	2020/21
16	1A900	6	5	4.4 / R15.8R	Rigid Roadbeds / PCC Slab Replacement	CON	$2,950	2020/21
17	1C002	6	99	54.5 / 54.5	Maintenance Facilities / Slurry Seal Delano MF	CON	$224	2020/21
18	0Y550	6	5	0.8/2	Lebec Mountain Village Roundabout / Construct Roundabout at Ramp Intersections	ENV	$402	2023/24



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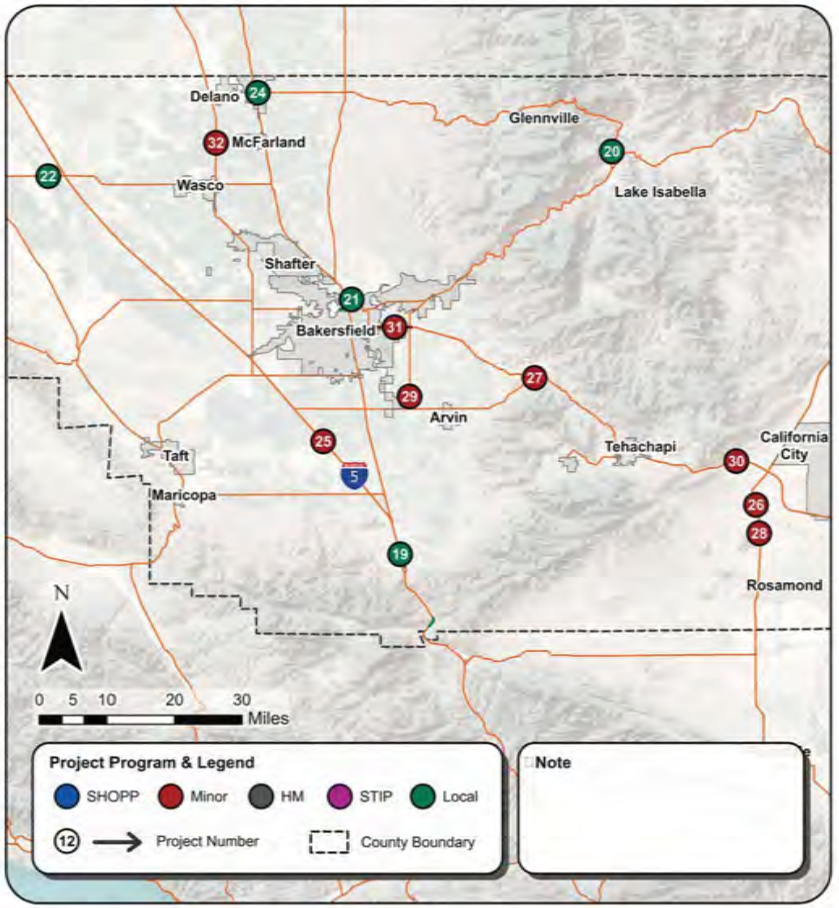
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
19	0R100	6	5	9.5/12	Grapevine Interchange / Relocate Interchange	ENV	$1,200	2025/26
20	0V770	6	155	68.2/R68.6	Usace Lake Isabella Oversight Projects / Realign Roadway	CON	$419	Future
21	48450	6	204	5.9/6.8	Hageman Flyover / Extension and Connection to RTE 204	DES / ROW	$5,658	2021/22
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	$1,300	2020/21
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	$0	2021/22
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	$498	2021/22
25	0T030	6	5	28.17 / 28.17	Mobility - TMS / In Kern, Kings and Fresno Counties, on Route 5 at various locations. Install Vehicle Detection Systems (VDS).	CON	$3,762	2020/21
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	$2,273	2020/21
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	$1,900	2021/22
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	$2,273	2020/21
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	$327	2021/22
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	$382	2020/21
31	0Y940	6	58	R55.47 / R59.67	Pavement / In Kern County, in Bakersfield on Route 58 at various ramps/locations. Remove and replace pavement.	DES	$400	2021/22
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	$250	2021/22



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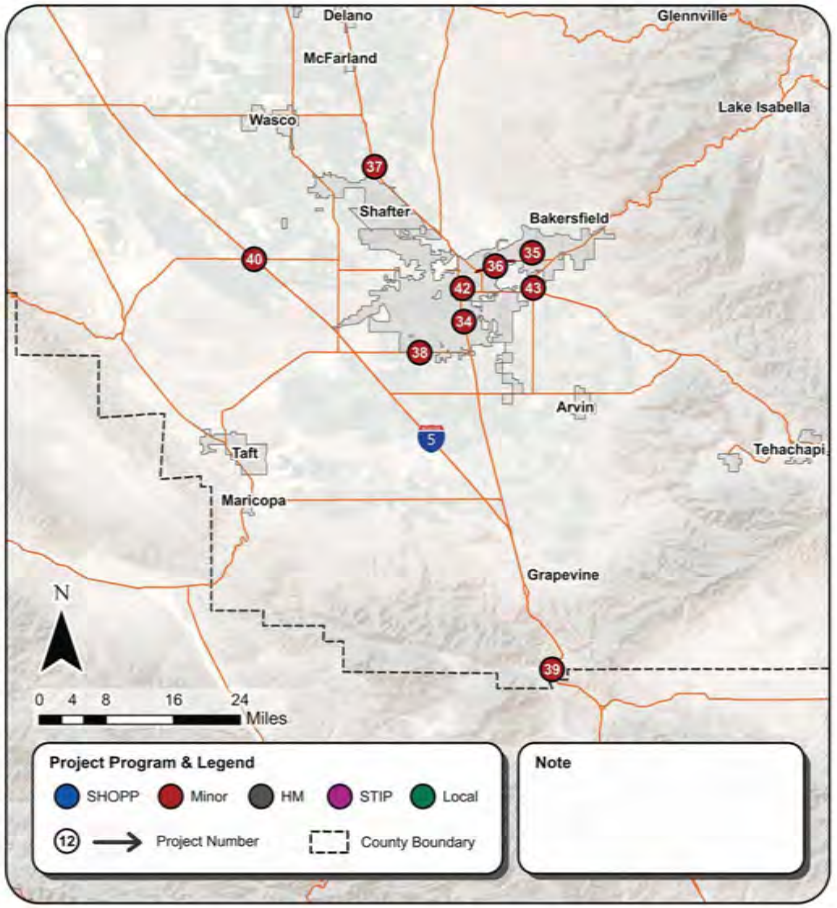
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART III

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
33	0S790	6	178	R4.5 / R4.5	Pavement / In Kern County, in Bakersfield at the Mount Vernon Avenue westbound onramp. Remove and replace pavement.	DES	$384	2021/22
34	1A150	6	99	20.6 / 20.6	Major Damage - Protective Betterments / In Kern County, in Bakersfield at Pacheco Road. Upgrade fence.	DES	$163	2021/22
35	1A130	6	178	R4.6 / R5.2	Major Damage - Protective Betterments / In Kern County, in the city of Bakersfield at various locations. Construct fence.	DES	$195	2021/22
36	0Y950	6	178	R1.89 / R5.78	Pavement / In Kern County, in Bakersfield on Route 178 at various ramps/locations. Remove and replace pavement.	DES	$415	2021/22
37	0V130	6	99	R39.1 / R39.1	Pavement / In Kern County, near Bakersfield on Route 99 at Merced Avenue offramp. Remove asphalt pavement and replace with concrete pavement.	DES	$600	2021/22
38	0X920	6	119	26.1 / 26.4	Safety Improvements / In Kern County, at Old River Road. Install safety lighting.	DES	$205	2021/22
39	1B160	6	5	R0.0 / R0.0	Mobility - Operational Improvements / In Fresno, Kern, Kings, Madera and Tulare counties on various routes at various locations. Repair and replace detection loops	DES	$325	2021/22
40	1C240	6	58	31.44 / 31.75	Pavement / In Kern County from 0.01 miles west of Route 5 SB offramp to Tracy Avenue (East). Remove and replace pavement and loops.	CON	$385	2020/21
41	1A420	6	178	R4.6 / R4.6	Major Damage - Protective Betterments /	CON	$134	2020/21
42	0X540	6	178	R2.26 / R2.26	Safety Improvements / In Kings County, at Pickerell Avenue. Install flashing beacon.	DES	$205	2020/21
43	1A860	6	184	8.35 / 8.35	Pavement / In Kern County, near Bakersfield at Edison Road. Remove and replace pavement.	DES	$410	2020/21



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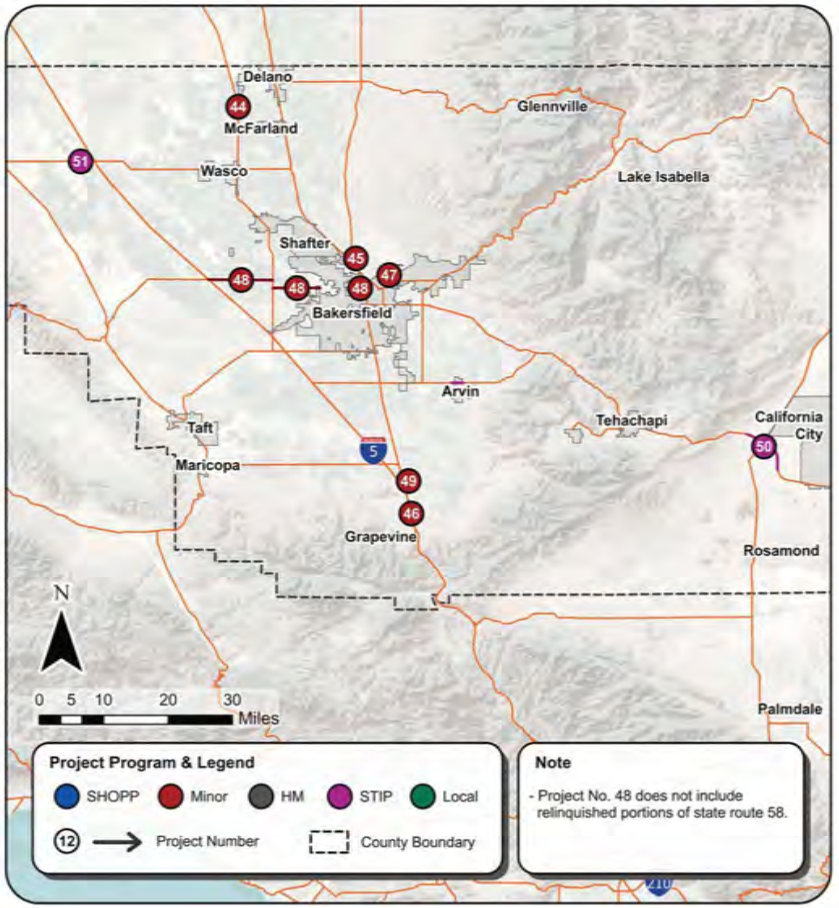
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART IV

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
44	0Y340	6	43	33.2 / 33.5	Safety Improvements / In Kern County, at Pond Road. Install flashing beacon.	DES	$173	2020/21
45	1A550	6	99	26.7 / 26.7	Bridge - Health / In Kern County, on Route 99 at the Calloway Canal Bridge and on Route 119 at the Weed Creek and Broad Creek Bridges. Repair bridges.	DES	$555	2021/22
46	1C030	6	5	11.7 / 12.39	Mobility - WIM Scales & CVEFs / In Kern County from the Grapevine Commercial Vehicle Enforcement Facility to 2.6 miles south of the Route 99 junction. Replace weigh station message sign.	DES	$500	2021/22
47	0Y780	6	99	26.502 / 26.502	Facilities / In Bakersfield, at the old California Highway Patrol (CHP) facility at 4040 Buck Owens Boulevard. Acquire facility to maintain Transportation Management Center (TMC) functions.	DES	$106	2021/22
48	1B150	6	58	31.6 / 51.8	Kern Freeway Signs / Upgrade and Install Freeway Signs	CON	$460	2020/21
49	1C330	6	5	13.54 / 13.8	Pavement / In Kern County at the NB off ramp to Wheeler Ridge. Remove and Replace HMA	DES	$325	2021/22
50	44255	6	46	29.7/31.9	Route 46 Conv/Exwy Segment 4B / 2-Lane Conventional Highway to 4-Lane Expressway Segment 4B	CON	$40,503	2020/21
51	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	$87,010	Future



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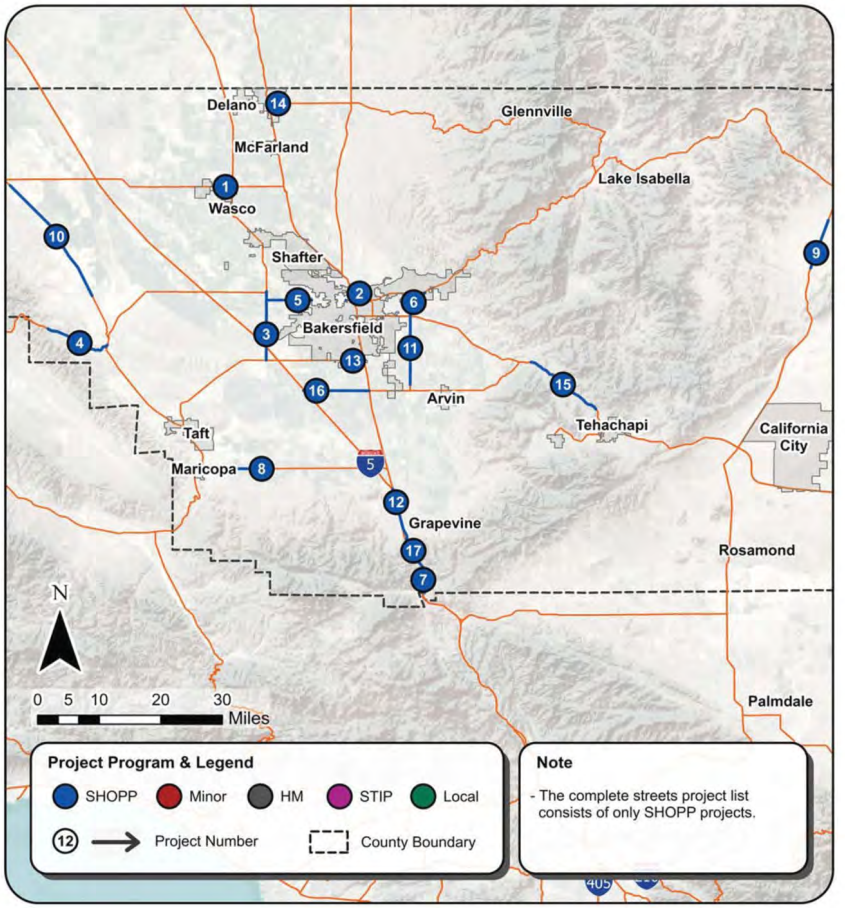
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
1	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
4	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
5	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	Closeout	$12,400	2020/21
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
7	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
8	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
9	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23
10	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
11	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
12	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24
13	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
14	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
15	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	$9,877	2024/25
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25



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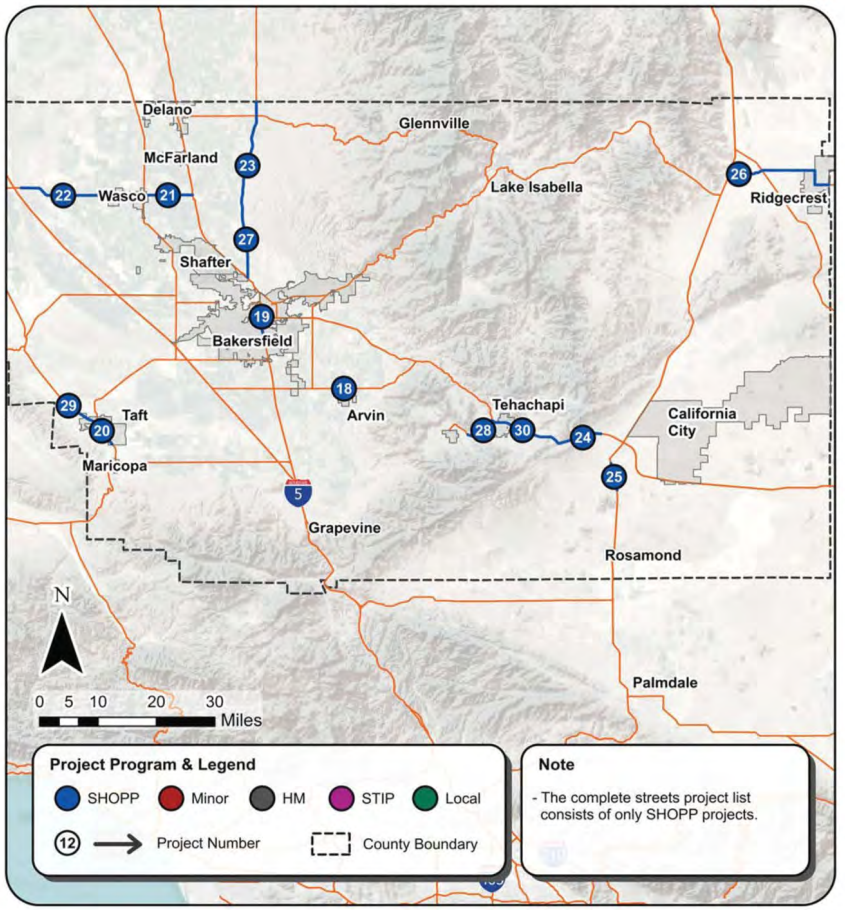
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART II

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
18	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
19	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
20	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
21	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
22	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
23	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
24	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	ENV	$39,623	2026/27
25	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	ENV	$47,558	2026/27
26	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	ENV	$72,355	2027/28
27	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
28	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58	Future	$9,387	2028/29
29	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
30	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29



Kern Council of Governments

IX.
TTAC

February 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: IX.
PROJECT DELIVERY LETTERS – ATP, CMAQ, RSTP

DESCRIPTION:

Presentation of project delivery letters for Active Transportation Program (ATP), Congestion Mitigation Air Quality (CMAQ) Program, and Regional Surface Transportation Program (RSTP). 17 projects have not yet been submitted for funding authorization representing $27.5 million in federal/state programming.

DISCUSSION:

Background
The Regional Surface Transportation Program (RSTP) and Congestion Mitigation Air Quality (CMAQ) projects in fiscal year 22/23 were originally approved by the Kern COG Board on February 17, 2022. The RSTP and CMAQ projects were then incorporated into the 2021 Federal Transportation Improvement Program (FTIP) Amendments 9 and 10 that were federally approved February 22, 2022 and April 8, 2022. The CMAQ Program of Projects was revised as part of the 2023 FTIP Amendment 1 that was federally approved December 20, 2022.

Cycle 4 ATP projects in FY 22/23 were approved by the CTC on January 30, 2019 (Statewide component) and May 15, 2019 (MPO component). The projects were then incorporated into 2019 FTIP Amendment 3 that was federally approved April 24, 2019 and 2019 FTIP Amendment 5 that was federally approved August 26, 2019.

The Cycle 5 ATP projects in FY 22/23 were approved by the CTC on March 24, 2021 (Statewide component) and June 23, 2021 (MPO component). The projects were then incorporated into 2021 FTIP Amendment 2 that was federally approved July 2, 2021 and 2021 FTIP Amendment 5 that was federally approved August 13, 2021.

Project Delivery Letters
Project delivery letters for fiscal year 22/23 were discussed at the November 2, 2022 and January 4, 2023 Transportation Technical Advisory Committee meetings. As part of “Kern COG’s Project Delivery Policies and Procedures Chapter 2: Implementation Procedures Overview”, local agencies are to submit for funding authorization by the end of January. If an agency does not, then they are required to send a revised submittal schedule to Kern COG.

As shown in the summary table, one letter was not received from the City of Delano. Please submit the letter by **February 2nd** to meet the February Transportation Planning Policy Committee agenda preparation deadline. In total, 17 projects have not yet been submitted for funding authorization representing $27.5 million in federal/state programming.

Project Delivery Policy - Review of Projects in FY 22/23 of the 2023 FTIP	Arvin	Bakersfield	California City	Delano	GET	Kern COG	Kern County	McFarland	Ridgecrest	Shafter	Taft	Tehachapi	Wasco
No. of projects	0	4	1	2	0	2	13	1	0	1	1	3	3
Projects submitted or approved	0	1	1	1	0	2	3	1	0	0	0	2	3
Letters received	0	3	0	0	0	0	10*	0	0	1	1	1	0
Letters needed	0	0	0	1	0	0	0	0	0	0	0	0	0

Note *: A Kern County letter includes ten Kern County projects.

Caltrans Obligational Authority Management Policy
Regions can only use their own obligational authority until May 1st, then it is "first-come-first-served" until the obligational authority is gone.

Caltrans Major Issues for Project Delivery
Kern COG staff has been coordinating with Caltrans Local Assistance staff to hold a Project Delivery Workshop at the Kern COG office. Caltrans Local Assistance staff would like to focus on major issues affecting project delivery this year. Kern COG staff will request Transportation Technical Advisory Committee members feedback on what they consider major issues at the February 1st TTAC meeting.

Attachments: Fiscal Year 22/23 project list dated January 20, 2023
Project Delivery Letters

ACTION: Information.

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403		Stockdale Hwy from Gosford Rd to New Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,169,000	$5,838,699	March 2023	1
Bakersfield	KER180507		Mt Vernon Ave from Bernard St to Panorama Dr; installation of adaptive signal coordination	$0	$529,409	$598,000	May 2023	1
Bakersfield	KER211002	Cycle 5 MPO	Chester Avenue between 4th Street and Brundage Lane; construction of center medians, continental crosswalks, and bike lanes with additional pavement markings (CTC approved time extension to 6/30/2023)	$0	$210,000	$791,000	April for June CTC	1
Bakersfield	KER191004	Cycle 4 MPO	Bounded by 7th Standard Rd, Kern River Parkway and approx 6 miles Friant Kern Canal; construct Class I multi-use path (CTC approved time extension to 2/29/2024)	$0	$4,306,000	$8,200,000	Nov for Jan CTC	2a
Cal. City	KER180403		Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$58,922	$0	$66,557	Jan 2023	2
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$0	$10,000	N/A	N/A
Delano	KER180403		20th Ave from Girard St to Norwalk St and Norwalk St from County Line Rd to 14th Ave; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	March 2023	1
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$140,000	$0	$140,000	done	3
KCOG	KER220401		In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	Jan 2023	2
KCOG	KER220501		In Kern County: CommuteKern Rideshare Program	$0	$240,187	$271,306	Jan 2023	2

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180403		Kern County: Edison Rd from Di Giorgio Rd to Mountain View Rd; 2 miles of road rehabilitation	$0	$2,100,000	$2,372,077	March 2023	1
Kern Co.	KER180403		Kern County: Edison Rd from Mountain View Rd to Hermosa Rd; 2 miles of road rehabilitation	$0	$2,100,000	$2,372,077	March 2023	1
Kern Co.	KER180403		Kern County: Rosamond Blvd from Stevenson St to SR 14; 1.35 miles of road rehabilitation	$0	$1,197,980	$1,513,611	March 2023	1
Kern Co.	KER180507		Kern County (Bakersfield): Various areas in Metro Bakersfield; Traffic Signal Coordination (Interconnect)	$0	$1,353,004	$1,528,300	March 2023	1
Kern Co.	KER180507		Kern County (Oildale): Within and around the community of Oildale; Traffic Signal Coordination (Interconnect)	$0	$1,055,189	$1,191,900	March 2023	1
Kern Co.	KER180507		Kern County (Lake Isabella, Rosamond, Wheeler Ridge): Traffic Signal Coordination (Interconnect)	$0	$598,197	$675,700	March 2023	1
Kern Co.	KER180507		Kern County (Metro Bakersfield): Intersection of Allen Rd and Jomani Dr; Construct a traffic signal and ancillary facilities	$0	$536,725	$606,263	March 2023	1
Kern Co.	KER180507		Kern County (Metro Bakersfield): Intersection of Cottonwood Rd and Cheatham Ave; Construct a traffic signal and ancillary facilities	$0	$567,807	$641,372	Jan 2023	2
Kern Co.	KER180507		Kern County (Bakersfield): Rosedale Highway between SR-43 and Heath Road; Surface 4 miles of dirt shoulders	$0	$2,875,285	$3,247,809	March 2023	1
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$421,690	$0	$476,324	done	3
Kern Co.	KER180507		Kern County (Tehachapi): Backes Ln (Highline Rd - Schout Rd), Schout Rd (Backes Ln - Woodford Tehachapi Rd), Woodford Tehachapi Rd (Schout Rd - SR 202); pave shoulder and bike lane	$0	$1,832,751	$2,070,203	March 2023	1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$572,929	$0	$647,158	done	3
Kern Co.	KER191003	Cycle 4 Statewide	In Lake Isabella: Walk Isabella - Lake Isabella Blvd and Erskine Creek Rd; pedestrian and cyclist safety and accessbility improvements	$0	$4,286,000	$4,841,000	March for May CTC - request time extension	1
McFarland	KER220403		Intersection of W. Perkins and 3rd St; improve safer commute and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$49,399	$0	$55,800	done	3
Ridgecrest	KER180403		W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$0	$85,219	N/A	N/A
Shafter	KER220404		7th Standard Rd from Friant Kern Canal to Zachary Ave; pavement reconstruction	$0	$538,000	$775,000	March 2023	1
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$0	$44,900	N/A	N/A
Taft	KER220503		550 Supply Rd; Purchase Six Replacement Electric Vans; Install charging infrastructure and solar microgrid (subject to FTA Transfer)	$362,973	$0	$410,000	April 2023	1
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$21,250	$0	$24,003	done	3
Tehachapi	KER200505	CML-5184(038)	Pinon Street from Brandon Lane east to Dennison Road; pave an unpaved street and install class II bike lane	$0	$371,826	$420,001	done	3
NOTES	Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved. 2a. Allocation request to CTC. A. Amendment pending							

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Tehachapi	KER211005	Cycle 5 MPO	SRTS Dennison Road Bicycle / Pedestrian Corridor Improvement project	$0	$2,087,000	$2,087,000	March for May CTC - request time extension	1
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$68,796	$0	$77,710	done	3
Wasco	KER180507	CML-5287(062)	Wasco: Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$49,156	$0	$55,525	done	3
Wasco	KER180507	CML-5287(058)	N. Palm Ave. between Margalo St. and Gromer Ave; pave shoulders, construct bicycle and pedestrian facilities	$0	$350,671	$396,105	done	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

BAKERSFIELD

THE SOUND OF *Something Better*

January 13, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: KER180403 Revised Submittal Schedule-STPL 5109 (278)

Kern Council of Government's Project Delivery Policy for local projects requires that agencies submit for funding authorization by the end of the month of January. If an agency does not submit by January, then that agency sends a revised submittal schedule to Kern COG by January 13th. Since the City of Bakersfield does not plan to submit project KER180403 by the end of January for funding authorization, the following is provided as City of Bakersfield's response:

Pavement Rehabilitation along Stockdale Highway from Gosford Road to New Stine Road

- Funding program: Regional Surface Transportation Program (RSTP)
- Total cost of project: $5,838,699 ($5,169,000 RSTP; $669,699 Local/SB-1)
- Federal share of project: $5,169,000
- Reason for delay: Due to the reduced staff at the Caltrans Division of Environmental Studies, the lead-time for the approval of the NEPA Clearances was long-delayed. The City had submitted PES for review on September 20, 2022, but had not received approval until December 09, 2022. Therefore, due to this delay, staff will not be able to submit the Request for Authorization (RFA) package by the end of January; therefore, the City of Bakersfield asks for an extension through the end of March.
- Revised submittal date: March 24, 2023

Should you have any questions, please contact me at 661-326-3361 or at ngrewal@bakersfieldcity.us

Very truly yours,
Gregg Strakaluse
Public Works Director

By: _____
Navdip Grewal
Civil Engineer IV – Design Engineering

Public Works Department
1501 Truxtun Avenue, Bakersfield, CA 93301
661-326-3724 FAX: 661-852-2120

BAKERSFIELD

THE SOUND OF *Something Better*

January 13, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: [KER180507] Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding authorization by the end of the month of January. If an agency does not submit by January, then that agency sends a revised submittal schedule to Kern COG by January 13th. Since City of Bakersfield does not plan to submit projects KER180507 by the end of January for funding authorization, the following is provided as City of Bakersfield's response:

KER180507

Installation of Adaptive Signal Coordination along Mt. Vernon Avenue from Bernard Street to Panorama Drive

- Funding program: CMAQ
- Total cost of project: $598,000
- Federal share of project: $529,409
- Reason for delay: Received funding at the end of 2022. City staff is in the process of submitting necessary federal documents. Project is in design.

- Revised submittal date: The City intends to submit the project for authorization by the end of May 2023.

Should you have any questions, contact Joe Catalan at 661-326-3597 or jcatalan@bakersfieldcity.us.

Very truly yours,
GREGG STRAKALUSE
Public Works Director

By:_____
Ryan Starbuck
Traffic Engineer

c: Luis Topete, Joe Catalan, Rosanne Padley, Raquel Pacheco, Susana Kormendi, Reading File

BAKERSFIELD

THE SOUND OF *Something Better*

January 19, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: [KER221002] Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding authorization by the end of the month of January. If an agency does not submit by January, then that agency sends a revised submittal schedule to Kern COG by January 13th. Since City of Bakersfield does not plan to submit projects KER221002 by the end of January for funding authorization, the following is provided as City of Bakersfield's response:

KER221002

Chester Avenue between 4th Street and Brundage Lane; construction of center medians, continental crosswalks, and bike lanes with additional pavement markings

- Funding program: ATP
- Total cost of project: $791,000
- Federal share of project: $210,000
- Reason for delay: This project is being combined with a larger project along Chester Avenue. Due to delays in obtaining survey points and having design challenges, the project delivery is consequently pushed.

- Revised submittal date: The City intends to submit the project for authorization by the end of April 2023.

Should you have any questions, contact Joe Catalan at 661-326-3597 or jcatalan@bakersfieldcity.us.

Very truly yours,
GREGG STRAKALUSE
Public Works Director

By: _____
Ryan Starbuck
Traffic Engineer

c: Luis Topete, Joe Catalan, Rosanne Padley, Raquel Pacheco, Susana Kormendi, Reading File

January 12, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: Revised Submittal Schedule

Per the Project Delivery Policy, local projects are required to submit funding authorizations by the end of January. Kern County will not meet the funding authorization schedule for 6 projects, described below:

1. Delayed Project:
   A) KER180507 – Traffic Signal and Median Improvements on Allen Road at Jomani Drive
      - In Bakersfield: Allen Road at Jomani Drive
      - Funding program: CMAQ
      - Total cost of project: $606,263
      - Federal share of project: $536,725
      - Reason: ROW Cert. expected in Feb. 2023
      - Revised submittal date: March 2023

   B) KER180507 – Shoulder Improvements on Rosedale Highway from State Route 43 to Heath Road
      - In Bakersfield: Rosedale Highway from State Route 43 to Heath Road
      - Funding program: CMAQ
      - Total cost of project: $3,247,809
      - Federal share of project: $2,875,285
      - Reason: ROW Cert. expected in Feb. 2023
      - Revised submittal date: March 2023

   C) KER180507 – Shoulder Improvements on Backes Lane, Schout Road, and Woodford-Tehachapi Road
      - In Tehachapi: Backes Lane from Highline Road to Schout Road, Schout Road from Backes Lane to Woodford-Tehachapi Road, Woodford-Tehachapi Road from Schout Road to State Route 202
      - Funding program: CMAQ
      - Total cost of project: $2,070,203
      - Federal share of project: $1,832,751
      - Reason: ROW Cert. expected in Feb. 2023
      - Revised submittal date: March 2023

D) KER180403 – Road Rehabilitation on South Edison Road from Di Giorgio Road to Hermosa Road
- In Bakersfield: South Edison Road from Di Giorgio Road to Hermosa Road
- Funding program: RSTP
- Total cost of project: $4,744,154
- Federal share of project: $4,200,000
- Reason: ROW Cert. expected in Feb. 2023
- Revised submittal date: March 2023

E) KER180403 – Road Resurfacing on Rosamond Boulevard from Stevenson Street to State Route 14
- In Rosamond: Rosamond Boulevard from Stevenson Street to State Route 14
- Funding program: RSTP
- Total cost of project: $1,513,611
- Federal share of project: $1,197,980
- Reason: ROW Cert. expected in Feb. 2023
- Revised submittal date: March 2023

F) KER180507 – Traffic Signal Interconnects at Various Locations in Kern County
- In Kern County: Various locations in Kern County
- Funding program: CMAQ
- Total cost of project: $3,395,900
- Federal share of project: $3,006,390
- Reason: ROW Cert. expected in Feb. 2023
- Revised submittal date: March 2023

2. <u>ATP Projects: CTC Approval to be scheduled for May 2024 meeting (requesting an extension)</u>

A) KER191003 – Pedestrian Path Improvements at Various Locations in Lake Isabella, CA
- Funding program: ATP (CON)
- Total cost of project: $6,086,000
- Federal share of project: $4,286,000
- Reason: ROW Cert. expected after May 2023 submittal deadline for June 2023 meeting; design not ready

Should you have any questions, please contact Jeff Davis at 661-862-8895 or Davisjeff@kerncounty.com.

Sincerely,

Jeff Davis

Engineering Manager

336 Pacific Avenue, Shafter, California, 93263

January 13, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: KER220404 – STPL 5281(034) Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding authorization by the end of the month of January. If an agency does not submit by January, then that agency sends a revised submittal schedule to Kern COG by January 13th. Since the City of Shafter does not plan to submit project KER220404 by the end of January for funding authorization, the following is provided as the City of Shafter response:

7th Standard #2 Lane Reconstruction – Friant Kern Canal to Zachary Avenue

- Funding program: Regional Surface Transportation Program
- Total cost of project: $775,000.00
- Federal share of project $538,000.00
- Reason for delay: Waiting on PES approval by Caltrans
- Revised submittal date: 3/3/2023

The City of Shafter submitted a PES package to Caltrans on 12/13/2022 and are awaiting approval. The project is completely within the City of Shafter jurisdiction and 7th Standard right of way so no issues obtaining a right of way certification are expected.

Should you have any questions, contact Alex Gonzalez at 661-746-5002 or email agonzalez@shafter.com.

Sincerely,

_____

Alex Gonzalez, PE
Associate Engineer

January 11, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: **KER220503** Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding reimbursement by the end of the month of January. If an agency does not plan to submit by end of January, then that agency sends a revised submittal schedule to Kern COG by January 13TH. Since the **City of Taft** does not plan to submit project **KER220503** by the end of January for funding authorization, the following is provided as the **City of Taft** response:

550 Supply Rd; Purchase Six Replacement Electric Vans; Install charging infrastructure and solar microgrid (subject to FTA Transfer)

- Funding program: **CMQA - FTA**
- Total cost of project: **$ 410,000.00**
- Federal share of project: **$ 362,973.00**
- Reason for delay: **The City of Taft has experienced delays due to staff shortage because of COVID-19 protocols; additionally the project requires Federal Transit Administration (FTA) transfer, and the City of Taft has not received written notification from Caltrans Division of Mass Transportation of funds approval.**
- Revised submittal date: **April 30, 2023.**

Should you have any questions, contact Craig Jones at (661) 763-1222 or cjones@cityoftaft.org.

January 19, 2023

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: KER211005 Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding authorization by the end of the month of January. If an agency does not plan to submit by end of January, then that agency sends a revised submittal schedule to Kern COG by January 13th. Since the City of Tehachapi does not plan to submit project KERN211005 by January for funding reimbursement, the following is provided as the City of Tehachapi response:

RE: SRTS Dennison Road Bicycle/Pedestrian Corridor Improvement Project

- Funding program: Active Transportation Program
- Total cost of project: $2,087,000
- Federal share of project: $2,087,000
- Reason for delay: NEPA clearance was obtained on January 21, 2022. Project is currently under design, at approximately 60%, and in process of Right-of-Way acquisitions, 1 of 2 properties acquired. Due to utility delays it is likely this project will be delayed (1) one year. We are expecting to submit a delay request to CTC in March 2023.
- Revised submittal date: March 2024

Should you have any questions, contact Development Services Director Jay Schlosser at (661) 822-2200 ext. 115 or jschlosser@tehachapicityhall.com

Sincerely,

Jay Schlosser
Development Services Director

Kern Council of Governments

X.
TTAC

February 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Rochelle Invina-Jayasiri, Regional Planner

SUBJECT: TTAC AGENDA ITEM: X.
DISCUSSION ON TELECONFERENCING OPTIONS FOR VOTING MEMBERS

DESCRIPTION:

Kern COG staff seeking feedback on teleconferencing options for voting members.

DISCUSSION:

On September 16, 2021, Governor Gavin Newsom signed into law Assembly Bill (AB) 361 which authorizes a local agency to use teleconferencing without complying with the teleconferencing requirements imposed by the Ralph M. Brown Act when a legislative body holds a meeting during a declared state of emergency or when state or local health officials have imposed or recommended measures to promote social distancing, and during a proclaimed state of emergency when the legislative body has determined that meeting in person would present imminent risks to the health or safety of attendees. AB 361 is in effect till January 1, 2024.

During the Kern COG Board Meeting on January 19, 2023, County Counsel stated Governor Newsom will lift AB 361 at the end of February 2023, and an amended Ralph M. Brown Act will be in effect under AB 2449. Please see attached County Counsel memorandum regarding the Brown Act teleconferencing options. **The Board members will take a position during their February 16, 2023 Kern COG Board meeting.**

In the TTAC By-Laws attached (amended in March 2019), Article IV, Section III states: A quorum shall consist of a majority of voting members. A quorum may be achieved by a voting member's attendance in person, by conference call, or by video teleconference.

Staff is seeking committee feedback on teleconferencing options.

Attachments:
- Office of County Counsel, County of Kern Memorandum
- TTAC By-Laws (amended in March 2019)

ACTION: Information.

OFFICE OF COUNTY COUNSEL
COUNTY OF KERN
MEMORANDUM

Margo A. Raison
County Counsel

Brian Van Wyk
Deputy

CONFIDENTIAL
Attorney-Client Privileged

TO: Members, Kern Council of Governments

FROM: Office of County Counsel
By: Brian Van Wyk, Deputy County Counsel

DATE: January 19, 2023

SUBJECT: Brown Act teleconferencing options

The Brown Act generally requires that meetings of the governing bodies of local public agencies be held open to the public with the location on the agenda at least 72 hours before the meeting. However, the Brown Act also provides 3 different ways that meetings can be held remotely via teleconferencing.

1. Section 54953(b)(3) teleconferencing

- Agenda posted at all teleconference locations
- Agenda must list all teleconference locations
- All teleconference locations accessible to the public
- At least a quorum must participate from locations within geographical boundaries of the local agency's jurisdiction.
- All votes must be roll call votes

2. Section 54953(e) teleconferencing (AB 361) (sunsets January 1, 2024)

- There must be an active proclaimed state of emergency.
- One of the following must be true:
  - State or local officials have recommended or required social distancing
  - The body is meeting to determine whether it is safe to meet in person
  - The body has determined by majority vote that meeting in person is unsafe
- The agency must make available technological means for participation by the public either by call in or an internet-based service described in the agenda.

- In the event of a technological service disruption, the body shall take no action until public access is restored.
- The body must make findings relating to the need to meet remotely.
- There is no need to provide a physical location for public attendance.
- All votes must be roll call votes.

3. Section 54953(f) teleconferencing (AB 2449) (Sunsets January 1, 2026)

- At least a quorum of the members of the body participate in person from a singular physical location clearly identified on the agenda that is held open to the public and situated within the boundaries of the agency's jurisdiction.
- There must be a two-way audiovisual technological means of remote access for the public described in the agenda.
- A member who wants to appear remotely must:
  - Show either:
    - good cause to appear remotely (e.g., childcare, elder care, illness, disability, travel related to official business of a public agency), provided that this may only be used 2 times per year.
    - A physical or family medical emergency preventing the member from attending in person.
  - notify the agency as soon as possible
  - participate through both audio and visual technology
  - disclose whether anyone over 18 is present with them at the remote location, and state their relationship to the member.
- The body must approve the remote appearance as an agenda item, or as a non-agenda item if time does not allow it to be agendized properly.
- Any particular member of the legislative body may not use AB 2449 teleconferencing for more than:
  - 3 consecutive meetings
  - 20% of the regular meetings for the local agency within a calendar year,
  - 2 meetings if the legislative body regularly meets fewer than 10 times per calendar year.[1]
- All votes must be roll call votes.

[1] Government Code section 54953(f)(3) states: "this subdivision shall not serve as a means for any member of a legislative body to participate in meetings of the legislative body solely by teleconference from a remote location for a period of more than three consecutive months or 20 percent of the regular meetings for the local agency within a calendar year, or more than two meetings if the legislative body regularly meets fewer than 10 times per calendar year." It is ambiguous as to whether the restriction applies to any *particular* member or any member *at all* from utilizing its provisions. However, after a further review of the statute and legislative history, it appears that context more likely supporters the former reading than the latter, and thus my revised recommendation would be to apply this restriction to any *particular* member of the legislative body.

You have asked whether an agency could use multiple options. An agency could in theory use multiple options; however because each option has specific requirements, doing so could be difficult. For example, under the first option, members could participate from various locations held open to the public, but under the third option, at least a quorum must participate from one single public location.

You have asked whether staff or alternates attending other than as a voting board member could attend remotely without compliance with the above procedures. In general, yes, they could do so, however, it would require that the agency determine in advance the methods it would use to provide both public access and participation and staff access and participation.

You have asked whether the agency is required to allow teleconferencing. An agency is generally not required to allow teleconferencing by either its board members or by the public. There are many valid reasons why it may choose one way or the other.

Please contact me if you have any other questions.

TRANSPORTATION TECHNICAL ADVISORY COMMITTEE

(Adopted 10/15/87)
(Amended March 2019)

KERN COUNCIL OF GOVERNMENTS TRANSPORTATION TECHNICAL ADVISORY COMMITTEE
AMENDED BYLAWS

ARTICLE I. NAME

The name of the committee shall be "Kern Council of Governments' Transportation Technical Advisory Committee (Kern COG TTAC)."

ARTICLE II. PURPOSE

Section 1. The fundamental purposes of the Kern COG TTAC shall be defined as follows:

a. To provide a forum for the review and development of recommendations regarding transportation issues, plans and proposals which shall be presented to the Kern COG Council.

b. To provide a forum for the coordination of governmental plans and activities involving Kern COG member agencies, Caltrans and local transportation system operators.

c. To provide a forum for the development of a consensus regarding the plans and actions of agencies within the Kern region, with adjacent jurisdictions outside the Kern region and with the state and federal levels of governments.

Section 2 In order to fulfill the purposes as stated in Section 1, Kern COG TTAC shall review, conduct technical analysis and recommend action(s) on the following items:

a. Evaluation and coordination of applications for transportation planning and transportation/air quality maintenance programs (UMTA Section 18, UMTA Section 16(b)(2), LTF, STA, Transportation Work Plan, etc.).

b. Appropriate system of areawide comprehensive transportation planning and transportation/air quality maintenance program goals and objectives (ATP, AQMP/NAP, System Planning, RTIP, etc.).

c. Plans and studies for consistency with the comprehensive transportation and transportation/air quality maintenance program goals and objectives (Corridor, Interchange, Impact Studies and Local Transportation Plans, etc.).

d. Resolve conflicts or other circumstances arising from the multiplicity of jurisdictions concerned with transportation development and transportation/air quality program implementation.

e. Other matters as referred by the Kern COG Council.

ARTICLE III. MEMBERSHIP

The Kern COG TTAC voting membership shall be as follows:

Each incorporated city: one (1) representative.
Kern County: one (1) representative, two votes.
Golden Empire Transit District: one (1) representative.
Caltrans: one (1) representative.

The manager/administrator from each jurisdiction shall designate a representative and alternate from the management level, in one of the following categories:

City Manager/Administrator/CAO
Public Works
Planning
Transit

Ex-Officio Non-Voting Membership will be as follows:

Kern County Air Pollution Control District
Military Representatives
Consolidated Transportation Services Agency

ARTICLE IV. OFFICERS

Section 1. The officers of the Kern COG TTAC shall be the Chair and Vice-Chair and Secretary.

Section 2 The Chair and Vice-Chair shall be elected from among members of the appointed committee members at the April meeting of each year.

Section 3. In the temporary absence of the Chair and Vice-Chair, the committee members present shall elect a Chair Pro Tern from among the membership of the committee.

Section 4. The Secretary shall be the Kern COG Executive Director, or designee.

Section 5. If, for any reason, the office of Chairman or Vice-Chairman becomes vacant, a successor shall be nominated and elected by the voting members to complete the term of the retiring officer; provided, however, that said member shall also be a member of the committee and provided further that, if the office of Chair becomes vacant, the successor who is elected as provided herein, shall not be disqualified from serving as Chair for the next regular term.

ARTICLE V. POWER AND DUTIES OF OFFICERS

Section 1. The Chair shall:

a. Preside at regular and special meetings.

b. Appoint sub-committee members as required.

Section 2. The Vice-Chair shall serve in the absence of the Chair.

Section 3. The Secretary shall:

a. Prepare and distribute the agenda for each meeting to the Kern COG TTAC members.

b. Prepare and print minutes of each meeting.

c. Be responsible for maintaining all records of the Kern COG TTAC.

d. Be responsible for preparing all necessary reports and programs.

e. Be responsible for documenting and forwarding Kern COG TTAC recommendations to the Kern COG Council.

ARTICLE VI. MEETINGS

Section 1. One regular meeting shall be held each month at a time and place designated by the committee. The meeting shall be at least two (2) weeks prior to the regular Kern COG Council meeting.

Section 2. Special meetings may be called by the Chair or at the request of five (5) voting members.

Section 3. A quorum shall consist of a majority of voting members. A quorum may be achieved by a voting member's attendance in person, by conference call, or by video teleconference.

Section 4. Robert's Rules of Order shall serve as the rules for conducting meetings.

ARTICLE VII. GENERAL PROVISIONS

Section 1. Items to be included in the agenda shall be transmitted to the Executive Director at least fourteen (14) calendar days prior to the meeting of the committee.

Section 2. Meeting procedures shall be confined to items on the agenda, and related discussion as provided by the Brown Act, at the discretion of the Chair.

Section 3. Minutes of meetings shall be sent to each of the jurisdictions represented in Kern COG.

Section 4. No member or officer of Kern COG TTAC shall issue any public statement which purports to be an official attitude or position of the organization.

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February 23rd, Bakersfield, CA - 8:30am to 4pm

DRAFT

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For more information, call 855-500-5250 or email info@zerorig.com

ZERO RIG

Caltrans Districts 6 & 9

Fiscal Year 23/24 Sustainable Transportation Planning Grant Workshop

Save the Date:
Tuesday, January 31, 2023
1:30 p.m. - 3:00 p.m.

This year's workshop will be in-person at the District 6 office located at 1352 W Olive Ave, Fresno, CA 93728. There is also a webex link/call-in option for those who are unable to join us in person.

Join from the meeting link:
https://cadot.webex.com/cadot/j.php?MTID=ma4e97c8deb7f183caa912f1962159df0
Join by meeting number:
To join from a mobile device: 1-408-418-9388
Meeting number (access code): 2496 215 6413
Meeting password: K5Hj98bfgJF

Caltrans District 6 Contacts:

- **Lorena Mendibles, Senior Transportation Planner (Tulare & Kern Co.)**
  Lorena.Mendibles@dot.ca.gov
  (559) 840-6066

- **David Padilla, Senior Transportation Planner (Madera, Fresno, & Kings Co.)**
  Dave.Padilla@dot.ca.gov
  (559) 905-9371

Caltrans District 9 Contact:

- **Catherine Carr, Regional Funding Specialist (Eastern Kern, Inyo, & Mono Co.)**
  Catherine.carr@dot.ca.gov
  (760) 874-8318

For information about the Caltrans Sustainable Transportation Planning Grants, visit our website,at: https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

KERN COG BOARD ROOM **WEDNESDAY**
1401 19TH STREET, THIRD FLOOR **March 1, 2023**
BAKERSFIELD, CALIFORNIA **10:00 A.M.**

TTAC GoToMeeting Information
https://www.gotomeet.me/KernCOG/ttacmeeting
Dial +1 (786) 535-3211
Access Code: 269-963-557
New to GoToMeeting? Get the app now and be ready when your first meeting starts:
https://global.gotomeeting.com/install/269963557

I. ROLL CALL:

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. APPROVAL OF DISCUSSION SUMMARY:
a. Minutes from meeting of February 1, 2023; ROLL CALL VOTE.

IV. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST (Snoddy)

Comment: The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

Action: Information

V. KERN AREA REGIONAL GOODS-MOVEMENT (KARGO) SUSTAINABILITY STUDY UPDATE (Davisson)

Comment: The Phase II KARGO Sustainability Study, a project looking to address the needs and impacts of increased freight movement in the region, is requesting local jurisdictions review and verify current development impact fee rates in the attached report.

Action: Member agency staff please review and provide feedback to kdavisson@kerncog.org by March 8, 2023.

VI. **CMAQ FUNDING REVISION REQUEST** (Pacheco)

Comment: Kern COG staff has a request for a revision to a Congestion Mitigation Air Quality (CMAQ) Program project. Kern COG staff has reviewed options for the CMAQ funding available.

Action: Request Transportation Technical Advisory Committee recommend Option 1 to the Transportation Planning Policy Committee. ROLL CALL VOTE

VII. **2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM** (Pacheco)

Comment: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission in December of the same odd-numbered year for their later approval early the following year.

Action: Information.

VIII. **FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AMENDMENT – TIMELINE** (Pacheco)

Comment: Upcoming amendment schedule for next 2023 FTIP Amendment.

Action: Information.

IX. **REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP) – DRAFT TIMELINE AND FUND ESTIMATE** (Pacheco)

Comment: Kern COG staff developed a draft timeline and fund estimate to facilitate programming new Regional Surface Transportation Program (RSTP) projects.

Action: Recommend approval of the RSTP Timeline and Fund Estimate to the Transportation Planning Policy Committee. ROLL CALL VOTE

X. **CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – DRAFT TIMELINE AND FUNDING TARGETS** (Pacheco)

Comment: Kern COG staff developed a draft timeline and funding targets to facilitate programming new Congestion Mitigation and Air Quality (CMAQ) projects.

Action: Recommend approval of the CMAQ Timeline and Funding Targets to the Transportation Planning Policy Committee. ROLL CALL VOTE

XI. **DISCUSSION ON TELECONFERENCING OPTIONS FOR VOTING MEMBERS** (Invina-Jayasiri)

Comment: Report on the Kern COG Board decision on teleconferencing options for voting members.

Action: Information.

XII. **FY 2023-24 KERN REGION ESTIMATED LOW CARBON TRANSIT OPERATORS PROGRAM (LCTOP) CALL FOR PROJECTS** (Enriquez)

Comment: Pursuant to Health and Safety Code Section 39719, the Controller shall allocate the Greenhouse Gas Reduction Fund according to the requirements of the Low Carbon Transit Operations Program (LCTOP). The Kern Region is estimated to receive a total (To be determined at a later date).

Action: Information.

XIII. **ANNOUNCEMENTS**

XIV. **MEMBER ITEMS**

XV. **ADJOURNMENT –** The next meeting will be held on April 5, 2023.

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR February 1, 2023 MEETING

KERN COG BOARD ROOM/GO TO MEETING
1401 19th Street, Suite 300
BAKERSFIELD, CALIFORNIA

Wednesday
February 1, 2023
10:00 A.M.

Chairman Schlosser called the meeting to order at approximately 10:00 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Christine Viterelli	City of Arvin
	Luis Topete	City of Bakersfield
	Richard Walker	City of California City
	Pedro Nunez	City of Delano
	Yolanda Alcantar	County of Kern
	Mario Gonzales	City of McFarland
	Travis Reed	City of Ridgecrest
	Alex Gonzalez	City of Shafter
	Craig Jones	City of Taft
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Lorena Mendibles	Caltrans
	Steve Barnes	Golden Empire Transit
OTHER:	Cindy Parra	Bike Bakersfield
	Asha Chandy	Bike Bakersfield
	Richard Nason	Caltrans
	Richard Albright	City of Maricopa
	Maria Martinez	
STAFF:	Ahron Hakimi	Becky Napier
	Rob Ball	Rochelle Invina-Jayasiri
	Raquel Pacheco	Bob Snoddy
	Angie Banuelos	Irene Enriquez
	Joe Stramaglia	Linda Urata

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting.

SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of January 4, 2023

There were no comments or questions from the committee members. Mr. Reed made a motion to approve the discussion summary, Mr. Topete seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

IV. FY 2021-22 TDA PUBLIC TRANSIT CLAIM – CITY OF ARVIN

Ms. Banuelos stated according to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The city of Arvin has submitted a TDA claim which totals $640,263.

Kern COG staff has reviewed the claim and asked TTAC to review TDA Public Transit Claim for the City of Arvin and recommend approval to the Transportation Planning Policy Committee. Mr. Jones made the motion to recommend approval. Mr. Topete seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

V. FEDERAL SAFETY PERFORMANCE MEASUREMENT (PM1) "TOWARD ZERO" 2023 TARGET UPDATE

Mr. Flickinger reviewed the presentation Towards Zero: Draft Safety Performance Target Update - Kern Region with the members and answered questions. He also reviewed what member agencies can do accelerate attainment of the federal safety targets.

Kern COG staff is recommending continued use of the 2018 "Toward Zero" target methodology adopted by Kern COG in 2018 which is consistent with the federal rule methodology but different than the current state methodology. Maintaining the same process allows for better comparability with prior targets.

Staff recommend that the TTAC Transportation Planning Policy Committee approve the 2023 Kern "Toward Zero" safety targets consistent with federal methodology and direct staff to work with member agencies and stakeholders to develop projects that will accelerate attainment of the targets. Mr. Reed made the motion to recommend approval. Ms. Alcantar seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

VI. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

Mr. Snoddy stated the ATP Cycle 6 statewide call for projects resulted in 19 Kern region submitted applications for value of $69 million. They are listed on page 3 of the staff report. This table has been updated to include the ranking values for each application. The County of Kern project that ranked 91 is highlighted in yellow. This project has been approved for state funding. Projects recommended for the MPO list are highlighted in blue. This selection is based on Kern COG policy and has been financially constrained to the CTC adopted ATP Cycle 6 Fund Estimate. Kern COG's revised share is estimated at $16,798,000 over a 4-year programming cycle from 2023-24 through 2026-27. Staff also recommends that a contingency list for the MPO list include the partially funded Bakersfield project and then the Tehachapi project.

Staff recommended that the Transportation Planning Policy Committee approve the list of projects as shown in Attachment A. Mr. Topete made the motion to recommend approval. Mr. Arnold seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

KERN PROJECT DELIVERY LETTERS – TDA ARTICLE 3

Mr. Snoddy reminded to submit letters TDA Article 3 Project Delivery letters by February 3rd to meet the February Transportation Planning Policy Committee agenda deadline. In total, 14 projects have not yet been submitted for funding reimbursement representing $ 1,841,972 in state funding as listed in the table of the staff report.

Chairman Schlosser requested agencies provide their project status update, as needed.

This item is for information only.

Mr. Gonzales and Mr. Gonzales were present during this item.

VII. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

Mr. Stramaglia stated every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission for their approval in December of the same odd-numbered year.

He reviewed the tentative 2024 RTIP timeline and process, including regional workshops that Kern COG will host. He also reviewed the Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding.

This item is for information only.

VIII. PROJECT DELIVERY LETTERS – ATP, CMAQ, RSTP

The Kern COG Project Delivery Policy states that projects in the current fiscal year need to be submitted for funding authorization by January 31st. This is the presentation of project delivery letters for Active Transportation Program, Congestion Mitigation Air Quality Program, and Regional Surface Transportation Program. 17 projects have not yet been submitted for funding authorization representing $27.5 million in federal/state programming.

Chairman Schlosser requested agencies provide their project status update, as needed.

This item is for information only.

IX. DISCUSSION ON TELECONFERENCING OPTIONS FOR VOTING MEMBERS

Ms. Invina-Jayasiri went over the memo provided by County Counsel regarding Brown Act rules under AB 361, AB 2449, and Brown Act Section 54953(b)(3). Members discussed and provided the following comments:

- Ms. Viterelli asked that members who attend virtually have their votes count with the notion that members will do their best to attend in-person.
- Mr. Barnes agreed with having virtual option especially with members that have to travel further.
- Mr. Reed agreed with Ms. Viterelli and Mr. Barnes

- Mr. Schlosser prefers in-person attendance but however recognizes members may need to attend meetings virtually and he defers to Board's decision. He added that members should turn their cameras on when attending virtually.
- Mr. Topete prefers in-person but not against virtual option for members and agreed to members turning on their cameras when attending virtually.

This item is for information only.

X. ANNOUNCEMENTS –

a. Ms. Urata provided information on Trucking with Clean Fuel Conference on February 23, 2023 (Flier attached). For ticket and event information, please visit website www.2023TCFC.com

b. Mr. Flickinger said he was approached with a new consultant on a traffic database for those member agencies interested in a presentation. Chairman Schlosser asked if Mr. Flickinger can be the point of contact and make the arrangement to schedule the presentation.

XI. MEMBER ITEMS –

a. Ms. Mendibles thanked those that attended the January 31st Workshop on Sustainable Transportation Planning Grants. Applications are due March 9, 2023.

b. Ms. Mendibles reminded the February 14th Call for Projects for Clean California Grant and applications will be due April 28, 2023.

c. Ms. Alcantar announced that they have filled vacancies in the Public Works Department - Lisa Shreider is the new Waste Operations Assistant Director and Scott Radsick is the new Engineering Assistant Director.

XII. ADJOURNMENT – Meeting adjourned at 11:11am. The next meeting will be held on March 1, 2023.

Kern Council of Governments

IV.
TTAC

March 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
Executive Director

By: Robert M. Snoddy,
Regional Planner

SUBJECT: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE ITEM: IV.
CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

DESCRIPTION: The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

DISCUSSION: The CTC adopted the 2022 ATP Cycle 6 Fund Estimate and program Guidelines at their March 16-17, 2022, meeting. With the adoption of the Guidelines, the Cycle 6 Active Transportation Program call for projects was subsequently initiated. The CTC adopted their selected statewide applications at the December 7-8, 2022, meeting. One Kern region project was included in the statewide project adoption, which is the County of Kern Norris Pedestrian and Railroad Safety project totaling $9.8 million. All remaining Kern COG applications were considered for funding with the MPO share of the Cycle 6 ATP funding. At the February 16, 2023, the Kern Council of Governments Transportation Planning and Policy Committee adopted The MPO project list found on Page 3, making use of all available Cycle 6 ATP MPO funding.

CTC 2023 Cycle 6 Active Transportation Program Timeline

Benchmark Activity	Date
~~E-Project Application Deadline & postmark date~~	~~June 15, 2022~~
~~CTC staff recommendation for statewide applications~~	~~October 21, 2022~~
~~CTC adoption of statewide selected applications~~	~~December 7-8, 2022~~
~~Deadline for MPO draft project recommendations~~	~~February 21, 2023~~
Deadline for MPO final project recommendations	April 21, 2023
CTC recommendations for MPO components are posted	May 12, 2023
Commission adopts MPO selected projects	June 2023

The MPO Kern COG staff will submit the list of MPO projects to the CTC following the February 16, 2023 Kern Council of Governments Board meeting. Staff is also preparing an MPO final submittal package of information as prescribed by the CTC within a short period of time after that. It is possible that the CTC may adopt the Kern projects prior in advanced scheduled adoption date in May.

Background: At the August 18, 2022, California Transportation Commission (CTC) meeting, the Commission adopted a revised Fund Estimate for the Active Transportation Program (ATP) Cycle 6, which is now adopted. The approved revised Fund Estimate for the statewide ATP budget is now **$1.7 billion** due to an infusion of funding from the recently approved 2022-23 state budget. The Kern COG guaranteed regional share of that statewide has been increased to **$16.798 million**.

Kern COG Policy Background - CTC ATP Guidelines and Fund Estimate establish the project selection process and ATP programming capacity for the state and MPO share. When ATP first began, the Kern Council of Governments adopted its ATP project delivery policy that defers to the original state application review and ranking for all original state submitted applications. Kern COG does not do a separate ATP Call for Projects to use the MPO share and therefore does not adopt its own modified guidelines or conduct a separate MPO call for projects. Instead, Kern COG considers the remaining applications for MPO share funding following the ranking order as best as possible already established by the state-ranked applications not selected by the state.

Submitted applications from Kern agencies - The ATP Cycle 6 statewide call for projects resulted in 19 Kern region submitted applications for a value of **$69 million**. They are listed on page 3. This table has been updated to include the ranking values for each application. The County of Kern project that ranked 91 is highlighted in yellow. This project has been approved by the state. The regionally approved MPO projects are highlighted in blue. This selection is based on Kern COG policy and has been financially constrained to the CTC adopted ATP Cycle 6 Fund Estimate. Kern COG's revised share is estimated at $16,798,000 over a 4-year programming cycle from 2023-24 through 2026-27. The MPO project list includes a contingency list comprised of the partially funded Bakersfield project and then the Tehachapi project.

ACTION: Information.

ATTACHMENT A

KERN REGION LIST OF SUBMITTED & RECEIVED CYCLE 6 ATP APPLICATIONS

YELLOW HIGHLIGHT - APPROVED STATE FUNDED PROJECT

BLUE HIGHLIGHT - FINAL MPO FUNDED PROJECT

BOLD - CONTINGENCY

State Ranking	Implementing Agency	Project Name	Total	Other	ATP	ENV	DESIGN	ROW	CONS	Received
29	Bakersfield, City of	School Flashing Yellow Beacons	$ 803,000	$ -	$ 803,000	$ -	$ 143,000	$ -	$ 660,000	06/15/22
35	Bakersfield, City of	California Avenue (Marella Way to Planz Rd)	$ 5,461,000	$ -	$ 5,461,000	$ -	$ 975,000	$ -	$ 4,486,000	06/15/22
39	Bakersfield, City of	California Avenue (Oleander Ave to R St)	$ 1,980,000	$ -	$ 1,980,000	$ -	$ 353,000	$ -	$ 1,627,000	06/15/22
40	Bakersfield, City of	Kern River North of 24th Street	$ 2,758,000	$ -	$ 2,758,000	$ 295,000	$ 197,000	$ -	$ 2,266,000	06/15/22
48	Bakersfield, City of	Bakersfield Bicycle Facilities	$ 263,000	$ -	$ 263,000	$ -	$ -	$ -	$ 263,000	06/15/22
50	Bakersfield, City of	Monterey St (Alta Vista Dr to Brown St)	$ 4,789,000	$ -	$ 4,789,000	$ -	$ 855,000	$ -	$ 3,934,000	06/15/22
55	Kern County - D6	Niles Street Safety Project	$ 1,785,000	$ 260,000	$ 1,525,000	$ 10,000	$ 250,000	$ -	$ 1,525,000	06/15/22
56	Caltrans	City of Arvin HAWK- Arvin's "Walk on Walnut Crosswalk Beacon"	$ 1,398,000	$ 200,000	$ 1,198,000	$ 120,000	$ 80,000	$ 137,000	$ 1,061,000	06/15/22
57	Bakersfield, City of	Arvin-Edison Canal Multi-Use Path	$ 9,940,000	$ -	$ 9,940,000	$ 710,000	$ 1,065,000	$ -	$ 8,165,000	06/15/22
60	**Tehachapi, City of**	**Northside Neighborhood Complete Sidewalk & Bicycle Lane Project**	**$ 3,494,000**	**$ -**	**$ 3,494,000**	**$ 25,000**	**$ 370,000**	**$ 39,000**	**$ 3,060,000**	**06/14/22**
66	**Bakersfield, City of**	**H Street Corrior (SR-204 to Hwy 58)**	**$ 8,454,000**	**$ 5,300,106**	**$ 3,154,000**	**$ -**	**$ 1,509,000**	**$ -**	**$ 6,945,000**	**06/15/22**
70	Taft, City of	10th St & San Emidio St - Intersection Safety Improvements	$ 455,000	$ -	$ 455,000	$ 5,000	$ 42,000	$ -	$ 408,000	06/15/22
71	Delano, City of	ATP-6 SRTS Sidewalk Gap and Crosswalk Improvement Project	$ 703,000	$ -	$ 703,000	$ -	$ 75,000	$ -	$ 628,000	06/13/22
72.5	Wasco, City of	Central Avenue Class I & Class II Bicycle Trails	$ 660,000	$ -	$ 660,000	$ 5,000	$ 71,000	$ -	$ 584,000	06/15/22
78	Kern County - D6	Safe Route To School (SRTS) ADA Crosswalk Safety	$ 2,342,000	$ 582,000	$ 1,760,000	$ 10,000	$ 344,000	$ -	$ 1,988,000	06/15/22
80.5	Kern County - D6	Kern River Parkway Multi-use Path Safety & Connectivity Project	$ 8,035,000	$ 1,235,000	$ 6,800,000	$ 100,000	$ 1,150,000	$ -	$ 6,785,000	06/15/22
84	Kern County - D6	Mt Vernon SRTS Safety Project	$ 3,248,000	$ 384,000	$ 2,864,000	$ 10,000	$ 374,000	$ -	$ 2,864,000	06/15/22
87	Tehachapi, City of	Valley Boulevard and Mill Street Gap Closure Project	$ 3,266,000	$ -	$ 3,266,000	$ 65,000	$ 315,000	$ 200,000	$ 2,686,000	06/15/22
91	Kern County - D6	Norris Pedestrian and Railroad Safety Project	$ 9,793,000	$ 1,011,000	$ 8,782,000	$ 10,000	$ 1,059,000	$ 2,600,000	$ 6,124,000	06/15/22
		TOTALS FOR ALL APPLICATIONS	**$ 69,521,000**	**$ 3,672,000**	**$ 65,849,000**	**$ 1,365,000**	**$ 9,227,000**	**$ 2,976,000**	**$ 55,953,000**	
		ATP PROJECT FUNDED BY THE STATE	$ 9,793,000	$ 1,011,000	$ 8,782,000					
		PROJECTS RECOMMENDED FOR MPO SHARE FUNDING	$ 18,972,000	$ 2,201,000	$ 16,798,000					
		ESTIMATED AVAILABLE ATP CYCLE 6 MPO SHARE			$ 16,798,000					

Note 1: The H Street Corridor project was reduced to $3,260,000 for ATP funding. The City of Bakersfield would be required to use local funds for the balance.

Note 2: The Mt. Vernon Safe Routes to School Safety Project was withdrawn after their announcement at the January 4, 2023 TTAC meeting.

Note 3: The contingency list would include 1) adding additional funding to the construction phase of the Bakersfield project; then 2) funding the Tehachapi project either partially or fully.

Kern Council of Governments

V.
TTAC

March 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Karl Davisson, Regional Planner

SUBJECT: TTAC AGENDA ITEM: V.
KERN AREA REGIONAL GOODS-MOVEMENT (KARGO) SUSTAINABILITY STUDY UPDATE

DESCRIPTION:

The Phase II KARGO Sustainability Study, a project looking to address the needs and impacts of increased freight movement in the region, is requesting local jurisdictions review and verify current development impact fee rates in the attached report.

DISCUSSION:

Intent

The Kern region has a growing goods movement trade hub and logistics industry, with now over 52 million sq. ft. of industrial, warehousing and processing facilities, and has been growing at 4 million sq. ft. per year since 2014. The intent of the KARGO2 study is to work with community stakeholders including the City of Shafter, City of Bakersfield, Kern County, Caltrans, and railroads to evaluate strategies to improve the sustainability of growing regional goods movement activity in Kern County and impacts on the transportation system and surrounding communities including disadvantaged communities. The study is analyzing funding mechanisms for the strategies and develop an outreach program to engage and communicate findings to stakeholders and disadvantaged communities.

Overall Project Objectives

Kern Council of Governments in partnership with its member agencies are studying "last mile" goods movement in the rapidly growing Shafter/BFL International Airport trade hub. The study has the following seven overarching objectives:

I. Build on the extensive, recent public outreach in the region to all communities, including representatives of disadvantaged communities with the goal of developing an “informed consent” on expanding and mitigating goods movement opportunities in the region.

II. Use the Phase I KARGO Sustainability Circulation Study as a framework for the Phase II study.
III. Focus on mitigation strategies for the growing goods movement in the region.
IV. Evaluate strategy for a Regional Logistics Mitigation Fee and develop Nexus Study including forecasting market demand and the impact of the fee on that demand.
V. Develop and consider reduced fee incentives for implementation of logistics strategies such as zero emission technology, or intermodal rail service to the ports and/or the Midwest.
VI. Identify strategies related to technology as well as other non-traditional strategies to mitigate impacts to all communities in the region.
VII. Identify and develop commute options for employees.

Please see attached memorandum documenting the existing development impact fee programs in Kern County.

Attachment: Existing Development Impact Fee Rates by Jurisdiction Draft Memo

ACTION: Member agency staff please review and provide feedback to kdavisson@kerncog.org by March 8, 2023.

FEHR PEERS

Memorandum

Date: February 17, 2023

To: Rob Ball, Kern Council of Governments

From: Fatemeh Ranaiefar & Nico Boyd, Fehr & Peers

Subject: Existing Development Impact Fee Programs in Kern County

LA21-3276

This memorandum documents the existing development impact fee programs for jurisdictions in Kern County. The purpose of this documentation is to determine the total impact fee burden for the identified agencies to inform the exploration of other potential funding mechanisms to support infrastructure needed for future developments as part of the Phase II KARGO effort.

Existing Development Impact Fee Programs

The sections below summarize the existing transportation impact fee programs for the following jurisdictions/agencies in Kern County:

- City of Bakersfield
- City of Tehachapi
- Kern County Rosamond-Willow Springs Specific Plan Areas
- City of Arvin
- City of Delano
- City of McFarland

The following jurisdictions were reviewed and did not have information available regarding development impact fee programs: California City, City of Maricopa, City of Shafter, City of Wasco. According to the City of Ridgecrest municipal code, development impact fees are assessed for fire facilities, traffic impacts, parks, law enforcement, and storm drainage. However, the fee schedule is not available.

City of Bakersfield

Table 1 shows the non-Transportation development impact fees in the City of Bakersfield, and **Table 2** shows the Transportation development impact fees. The Transportation development impact fees have been jointly adopted with Kern County. **Figure 1** shows the core area for which a lower fee rate applies.

Table 1. Non-Transportation Development Impact Fees in City of Bakersfield[1]

Impact Fee Type	Description	Impact Fee
Park	Fee applies to all independent dwelling units (includes senior housing). It does not apply to facilities such as extended care where the units do not contain a kitchen.	$2,095 per residential unit
School	Fees vary widely by school district.	**Residential:** $3.18 - $6.85 per square foot
		Commercial/Industrial: $0.66 per square foot
Sewer	N/A	**Single Family:** $5,000 per unit
		Multiple Family: $3,181 - $3,600 per unit
		Commercial Industrial: $227 - $454 per fixture unit

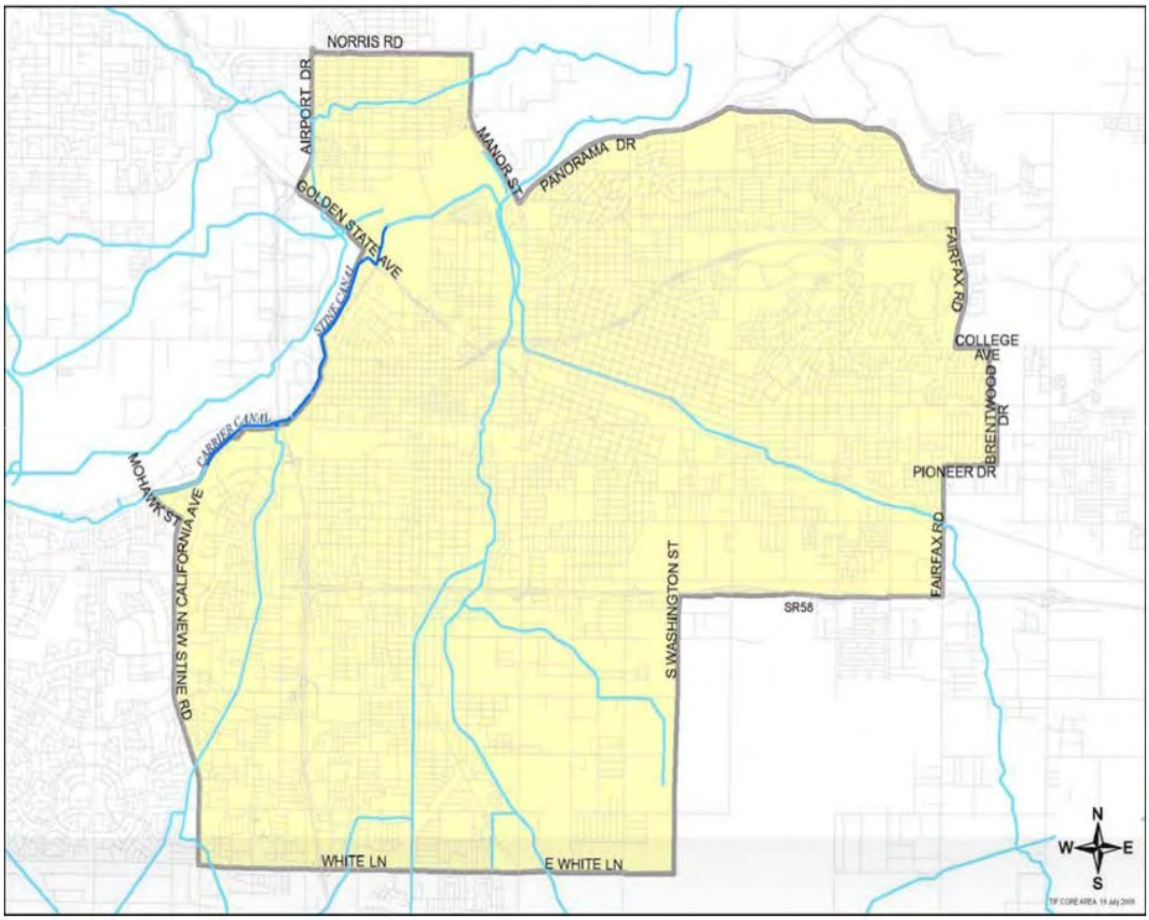
[1] City of Bakersfield Development Impact Fees – January 1, 2023 (accessed February 16, 2023): https://content.civicplus.com/api/assets/aee45223-0f4f-44d3-88e9-541b65a4a9ae?cache=1800

Table 2. Transportation Development Impact Fees in City of Bakersfield[2]

Generator Category	Non-Core Area Impact Fee	Core Area Impact Fee
Single Family, Detached Residential	$12,870 Per Unit	$7,747 Per Unit
Multi-Family Residential	$6,213 Per Unit	$3,740 Per Unit
Industrial	$186 Per ADT	$112 Per ADT
Office Commercial		
Under 100,000 square feet	$143 Per ADT	$86 Per ADT
100,000 – 199,999 square feet	$163 Per ADT	$98 Per ADT
200,000 square feet and above	$175 Per ADT	$106 Per ADT
Public/government	$157 Per ADT	$95 Per ADT
Retail Commercial		
Under 10,000 square feet	$78 Per ADT	$47 Per ADT
10,000 – 49,999 square feet	$110 Per ADT	$66 Per ADT
50,000 – 99,999 square feet	$167 Per ADT	$101 Per ADT
100,000 – 199,999 square feet	$178 Per ADT	$107 Per ADT
200,000 – 299,999 square feet	$216 Per ADT	$130 Per ADT
300,000 – 499,000 square feet	$233 Per ADT	$141 Per ADT
500,000 square feet and above	$236 Per ADT	$142 Per ADT

[2] City of Bakersfield Development Impact Fees – January 1, 2023 (accessed February 16, 2023): https://content.civicplus.com/api/assets/aee45223-0f4f-44d3-88e9-541b65a4a9ae?cache=1800

Figure 1. City of Bakersfield Transportation Impact Fee Core Area[3]



[3] City of Bakersfield Development Impact Fees – January 1, 2023 (accessed February 16, 2023): https://content.civicplus.com/api/assets/aee45223-0f4f-44d3-88e9-541b65a4a9ae?cache=1800

City of Tehachapi

Like the City of Bakersfield, the City of Tehachapi has a Transportation Impact Fee Program that is jointly adopted with Kern County and features a core area for which a lower fee rate applies. According to the Kern County Code of Ordinances, the Tehachapi Region Core Area includes, "those portions under County jurisdiction enclosed within the following described boundary: The Point of Beginning is at the intersection of the centerline of Dennison Road and southline of the State Route 58 right-of-way; thence proceeding southerly along said centerline of Dennison Road to East Quarter Corner of Section 28, Township 32 South, Range 32 East, MDM (aka Abajo Road or Pinon Road alignment); thence proceeding westerly along said midsection section lines of Sections 28, 29 to a point on the centerline of Tucker Road; thence northerly along said center line of Tucker Road to the southline of the State Route 58 right-of-way; thence proceeding easterly along said southline of the State Route 58 right-of-way to the centerline of Dennison Road, the Point of Beginning." **Table 3** shows the Transportation development impact fees in the City of Tehachapi.

Table 3. Fee-Per-Trip for Tehachapi Region Transportation Impact Fee Program - General[4]

Land Use	Non-Core Area Impact Fee	Core Area Impact Fee
Residential (Per Dwelling Unit)		
Single Family Residential Units	$4,772	$2,952
Multi-Family Residential Units	$3,351	$2,073
Non-Residential (Per ADT)		
Industrial	$176	$109
Office Commercial:		
Under 100,000 square feet	$145	$90
100,000 – 199,999 square feet	$145	$90
200,000 square feet and over	$145	$90
Retail Commercial:		
Under 10,000 square feet	$36	$22
10,000 – 49,999 square feet	$62	$39

[4] Kern County Municipal Code Section 17.60.120 (accessed February 16, 2023): https://library.municode.com/ca/kern_county/codes/code_of_ordinances?nodeId=TIT17BUCO_CH17.60TRIMFE_17.60.140TERETRIMFE

Land Use	Non-Core Area Impact Fee	Core Area Impact Fee
50,000 – 99,999 square feet	$89	$55
100,000 square feet and over	Minimum of $89 or more based upon analysis	Minimum of $55 or more based upon analysis

Kern County - Rosamond-Willow Springs Specific Plan Area Transportation Impact Fee Program

There is an established Rosamond-Willow Springs traffic impact fee that applies to the Rosamond and Willow Springs Specific Plan areas in Kern County. **Table 4** presents the associated fee for various land use categories.

Table 4. Fee-Per-Trip for Rosamond-Willow Springs Transportation Impact Fee Program[5]

Land Use Type	Generator Category	Impact Fee
Residential (Per Living Unit)	Single Family, Detached (Including mobile homes)	$1,461
	Multi-Family (including apartments, condominiums, mobile home parks)	$891
Nonresidential per Average Daily Traffic (ADT) Trip		
Industrial	Heavy and Service Industry (including general manufacturing, industrial park)	$87
Light Industrial	Warehousing, Mini-Warehouse	$38
Office[1]	Under 100,000 square feet	$33
	100,000 – 199,999 square feet	$39
	200,000 square feet and over	$41
Commercial Retail[2]	Under 10,000 square feet	$39
	10,000 – 49,999 square feet	$25

[5] Kern County Municipal Code Section 17.60.120 (accessed February 16, 2023): https://library.municode.com/ca/kern_county/codes/code_of_ordinances?nodeId=TIT17BUCO_CH17.60TRIMFE_17.60.120ROLLSPTRIMFE

Land Use Type	Generator Category	Impact Fee
	50,000 – 99,999 square feet	$28
	100,000 – 199,999 square feet	$31
	200,000 – 299,999 square feet	$35
	300,000 – 399,999 square feet	$44
	400,000 – 499,999 square feet	$53
	500,000 – 599,999 square feet	$64
	1,000,000 square feet and over	$71

Notes:

[1] Fees are assessed per 1,000 square feet of building area and include medical offices, clinics, hospitals, day care, schools, libraries, churches, and banks).

[2] Fees are assessed per 1,000 square feet of building area.

City of Arvin

Table 5 presents the development impact fee schedule for the City of Arvin, published in 2014.

Table 5. City of Arvin Development Impact Fees[6]

Type of Land Use	Impact Fee					
	Police	Parks	Sewer	Schools	Traffic	Water
Residential						
Single Family	$150 per unit	$2,500 per unit	$4,400 per unit	$7.79 per sf	$7,646 per unit	$4,160 per unit
Duplex	$100 per unit	$2,500 per unit	$4,400 per unit	$7.79 per sf	$5,313 per unit	Contact ACSD
Triplex	$100 per unit	$2,500 per unit	$3,960 per unit	$7.79 per sf	$5,313 per unit	Contact ACSD
4-plex or larger	$100 per unit	$2,500 per unit	$3,960 per unit	$7.79 per sf	$5,313 per unit	Contact ACSD
Motels and hotels	$350 per acre	-	$1,320 per unit	$0.51 per sf	$7,874 per KSF	Contact ACSD
Convalescent hospitals	$350 per acre	-	$1,320 per bed	$0.51 per sf	$7,874 per KSF	Contact ACSD
Rest/nursing homes	$350 per acre	-	$1,320 per bed	$0.51 per sf	$7,874 per KSF	Contact ACSD
Commercial						
Small retail shops/offices	$350 per acre	-	$4,400 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Laundries/dry cleaners	$350 per acre	-	$2,112 per machine	$0.51 per sf	$7,874 per KSF	Contact ACSD
Medical/dental offices	$350 per acre	-	$11,000 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
supermarkets	$350 per acre	-	$158,400 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Grocery stores	$350 per acre	-	$16,280 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD

[6] City of Arvin Development Impact Fees – 2014 (accessed February 16, 2023): https://www.arvin.org/DocumentCenter/View/196/Development-Impact-Fee-Schedule-PDF

Type of Land Use	Impact Fee					
	Police	Parks	Sewer	Schools	Traffic	Water
Restaurants (<35 seats)	$350 per acre	-	$17,160 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Restaurants (35+ seats)	$350 per acre	-	$25,080 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Bars/taverns/lounges	$350 per acre	-	$15,840 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Car washes	$350 per acre	-	$7,700 per stall	$0.51 per sf	$7,874 per KSF	Contact ACSD
Service stations	$350 per acre	-	$6,160 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Auto repair shops	$350 per acre	-	$6,160 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Mortuaries and kennels	$350 per acre	-	$6,600 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Recreational uses	$350 per acre	-	$17,600 per facility	$0.51 per sf	$7,874 per KSF	Contact ACSD
Quasi-Public/Public						
Churches	$350 per acre	-	$4,840 per building	-	$7,874 per KSF	Contact ACSD
Schools	$350 per acre	-	$136 per student	-	$7,874 per KSF	Contact ACSD
Industry						
Food processing	$350 per acre	-	$25,080 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Light manufacturing uses	$350 per acre	-	$4,400 per building	$0.51 per sf	$7,874 per KSF	Contact ACSD
Public/Private Uses Not Listed						
Use w/ 14 employees or less	$350 per acre	-	$4,400 per use	$0.51 per sf	$7,874 per KSF	Contact ACSD

Type of Land Use	Impact Fee					
	Police	Parks	Sewer	Schools	Traffic	Water
Use with 15+ employees	$350 per acre	-	$4,400 per use	$0.51 per sf	$7,874 per KSF	Contact ACSD

City of Delano

The following fee schedule tables are reproduced from City of Delano Resolution No. 2013-59.

Table 6. City of Delano Development Impact Fees – Water & Sewer[7]

Land Use Category	Water	Sewer
Residential		
Single-Family Residential	$2,253.51 per unit	$5,066.81 per unit
Multi-Family Residential	$1,149.29 per unit	$2,938.75 per unit
Senior Residential/Assisted Living	$946.47 per bed	$2,128.06 per bed
Non-Residential		
General Retail	$540.84 per ksf	$1,874.72 per ksf
Restaurant	$5,363.36 per ksf	$18,645.85 per ksf
Bars/Lounge	$1,825.34 per ksf	$6,485.51 per ksf
Hotel/Motel	$473.24 per room	$2,330.73 per room
Theater	$676.05 per ksf	$2,330.73 per ksf
Laundromat	$946.47 per washer	$3,242.76 per washer
Car Wash	$4,507.02 per stall	$10,133.61 per stall
Office/Medical Office	$1,081.69 per ksf	$3,698.77 per ksf
Service Commercial	$540.84 per ksf	$1,874.72 per ksf

[7] City of Delano Resolution No. 2013-59 (accessed February 16, 2023): https://www.cityofdelano.org/DocumentCenter/View/3374/2013-Impact-Fees?bidId=

Land Use Category	Water	Sewer
Manufacturing	$1,081.69 per ksf	$3,546.76 per ksf
Manufacturing, dry goods only	$225.35 per ksf	$456.01 per ksf
Warehouse/Distribution	$112.68 per ksf	$456.01 per ksf
Mini Storage	$2,253.51 per dwelling unit	$5,066.81 per dwelling unit
School/Day Care	$1,261.97 per ksf	$2,482.73 per ksf
Church/Public Gathering Facility	$676.05 per ksf	$2,330.73 per ksf
Hospital	$946.47 per bed	$4,661.46 per bed
Alternative Calculations		
Alternative water calculation	$75.12 per fixture unit	-
Alternative Sewer Calculation	-	$241.28 per fixture unit

Table 7. City of Delano Development Impact Fees – Circulation[8]

Land Use Category	Water
Residential	
Single-Family Residential	$4,344.96 per unit
Multi-Family Residential	$3,051.01 per unit
Senior Residential/Assisted Living	$1,579.98 per bed
Non-Residential	
General Retail	$11,236.55 per ksf
Hotel/Motel	$2,774.25 per room
Gasoline Service Station	$17,302.71 per pump
General Office	$5,329.76 per ksf

[8] City of Delano Resolution No. 2013-59 (accessed February 16, 2023): https://www.cityofdelano.org/DocumentCenter/View/3374/2013-Impact-Fees?bidId=

Land Use Category	Water
Medical/Dental Office	$11,713.65 per ksf
Industrial/Service Commercial	$2,230.16 per ksf
Warehouse/Distribution < 100,000 sf	$2,540.75 per ksf
Warehouse/Distribution > 100,000 sf	$645.43 per ksf
Mini Storage	$686.41 per dwelling unit
School	$3,147.46 per ksf
Church/Public Gathering Facility	$2,314.52 per ksf

Table 8. City of Delano Development Impact Fees – Storm Drainage, Police Facilities, & Fire Facilities[9]

Land Use Category	Storm Drainage	Police Facilities	Fire Facilities
Residential			
Single-Family Residential	$1,080.67 per unit	$421.39 per unit	$668.57 per unit
Multi-Family (< 15 units per acre)	$640.40 per unit	$160.53 per unit	$254.69 per unit
Multi-Family (> 15 units per acre or more)	$426.93 per unit	$93.64 per unit	$148.57 per unit
Non-Residential			
Commercial	$8,165.09 per acre	$1,685.55 per acre	$2,674.29 per acre
Service Commercial	$6,645.39 per acre	$1,685.55 per acre	$2,674.29 per acre
Industrial	$7,684.79 per acre	$1,685.55 per acre	$2,674.29 per acre
Community Facilities	$1,921.20 per acre	$1,685.55 per acre	$2,674.29 per acre

[9] City of Delano Resolution No. 2013-59 (accessed February 16, 2023): https://www.cityofdelano.org/DocumentCenter/View/3374/2013-Impact-Fees?bidId=

Table 9. City of Delano Development Impact Fees – Park Development, Park Acquisition, & General Government Facilities[10]

Land Use Category	Park Development	Park Acquisition	General Government Facilities
Residential Projects < 80 Units			
Single-Family Residential	$2,029.57 per unit	$927.56 per unit	$955.51 per unit
Multi-Family (< 15 units per acre)	$773.17 per unit	$353.36 per unit	$364.00 per unit
Multi-Family (> 15 units per acre or more)	$451.02 per unit	$206.12 per unit	$212.33 per unit
Residential Projects >= 80 Units			
Single-Family Residential	$1,368.36 per unit	$371.02 per unit	$955.51 per unit
Multi-Family (< 15 units per acre)	$521.28 per unit	$141.34 per unit	$364.00 per unit
Multi-Family (> 15 units per acre or more)	$304.08 per unit	$82.45 per unit	$212.33 per unit
Non-Residential			
Commercial	N/A	N/A	$3,822.03 per acre
Service Commercial	N/A	N/A	$3,822.33 per acre
Industrial	N/A	N/A	3,822.33 per acre
Community Facilities	N/A	N/A	$3,822.33 per acre

[10] City of Delano Resolution No. 2013-59 (accessed February 16, 2023): https://www.cityofdelano.org/DocumentCenter/View/3374/2013-Impact-Fees?bidId=

City of McFarland

The City of McFarland published a Development Impact Fee Update Study in November 2020 which provided an analysis of development impact fees needed to support future development in the City of McFarland through 2040. **Table 10** below summarizes the development impact fees that meet the City's identified needs and comply with the requirements of the Mitigation Fee Act, and **Table 11** summarizes the City's proposed impact fee schedule. The parks and recreation facilities fees and traffic facilities fees have been reduced to lower the overall fee burden. City staff identified the target fee level for single family units, and the fees for other land uses were reduced proportionally.

Table 10. City of McFarland Maximum Justified Development Impact Fee Schedule[11]

Type of Land Use	Impact Fee							
	General Government	Law Enforcement	Parks	Fire Protection	Water	Sewer	Storm Drain	Traffic
Residential – Per Dwelling Unit								
Single Family	$1,957	$1,163	$4,524	$289	$4,101	$1,499	$648	$8,960
Multifamily	$1,747	$1,037	$4,039	$258	$3,651	$1,334	$395	$5,973
Commercial – per KSF								
Commercial	$346	$205	-	$100	$984	$210	$661	$11,238
Office	$440	$260	-	$128	$1,189	$210	$642	$14,303
Industrial	$171	$102	-	$50	$1,477	$180	$939	$8,487

[11] City of McFarland Development Impact Fee Update Study: https://www.mcfarlandcity.org/DocumentCenter/View/2291/McFarland---Impact-Fee-Update-Report---Final---11-16-20

Table 11. City of McFarland Proposed Development Impact Fee Schedule[12]

Type of Land Use	Impact Fee							
	General Government	Law Enforcement	Parks	Fire Protection	Water	Sewer	Storm Drain	Traffic
Residential – Per Dwelling Unit								
Single Family	$1,957	$1,163	$2,300	$289	$4,101	$1,499	$648	$5,700
Multifamily	$1,747	$1,037	$2,053	$258	$3,651	$1,334	$395	$3,800
Commercial – per KSF								
Commercial	$346	$205	-	$100	$984	$210	$661	$7,149
Office	$440	$260	-	$128	$1,189	$210	$642	$9,099
Industrial	$171	$102	-	$50	$1,477	$180	$939	$5,399

[12] City of McFarland Development Impact Fee Update Study: https://www.mcfarlandcity.org/DocumentCenter/View/2291/McFarland---Impact-Fee-Update-Report---Final---11-16-20

Kern Council of Governments

VI.
TTAC

March 1, 2023

TO: Transportation Technical Advisory Committee

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VI.
CMAQ FUNDING REVISION REQUEST

DESCRIPTION:

Kern COG staff has a request for a revision to a Congestion Mitigation Air Quality (CMAQ) Program project. Kern COG staff has reviewed options for the CMAQ funding available.

DISCUSSION:

At the February 1st Transportation Technical Advisory Committee meeting, agencies presented their Project Delivery Letters for this fiscal year. One of the presentations included the status of the City of Taft Congestion Mitigation Air Quality (CMAQ) Program transit project. The City of Taft tried to advance the project through the FTA Section 5311 process last year to allow for a CMAQ Federal Transit Administration (FTA) transfer; however, the grant was lost during the grant approval process. In August 2022, the City of Taft was informed that they would have to wait for this year's FTA Section 5311 process. The City of Taft was waiting for the FTA Section 5311 process to start the delivery of their CMAQ project. On February 8, 2023, Kern COG was informed that there would not be a FTA Section 5311 process this year.

Original programming in the Federal Transportation Improvement Program (FTIP) for the City of Taft CMAQ project is shown below:

KER220503 CMAQ Taft: 550 Supply Rd; purchase six replacement electric vans; install charging infrastructure and solar microgrid	FY 22/23	$362,973 CMAQ	$47,027 State	$410,000 total
	FY 23/24	$3,586,836 CMAQ	$464,713 State/Local	$4,051,549 total

On February 16, 2023, the City of Taft staff met with Kern COG staff to discuss the options for delivery of the CMAQ project. Kern COG staff seeks Transportation Technical Advisory Committee direction on which option to forward to the Transportation Planning Policy Committee.

Option 1: Select Taft to receive $2,956,140 in CMAQ funding for only the infrastructure component.

- This option would require an amendment to the FTIP for Taft to submit the request for authorization through Caltrans Local Assistance this year for the preliminary engineering phase and next year for the construction phase.

- The emissions reductions submitted for CMAQ were based on the vehicles that will use the infrastructure. City of Taft will not be allowed to re-submit the vehicles for CMAQ funding because that would be double counting the emissions reductions.

- This action leaves a balance of $133,459 CMAQ unprogrammed for this fiscal year and $860,210 for next fiscal year.

KER220503 CMAQ Option 1 Taft: 550 Supply Rd; install charging infrastructure and solar microgrid	FY 22/23	$229,514 CMAQ	$29,736 State	$259,250 total
	FY 23/24	$2,726,626 CMAQ	$353,264 State/Local	$3,079,890 total

Option 2: Select Taft to receive $1,379,254 in CMAQ funding for only the vehicle purchase component.

- This option would require an amendment to the FTIP for Taft to submit the project as part of next year's FTA Section 5311 process.

- If the City of Taft waits until next year for the FTA Section 5311 process, the funding for this fiscal year will be lost. In addition, the Caltrans Department of Mass Transportation will not accept an infrastructure project, the infrastructure component should be processed through Caltrans Local Assistance. Kern COG was informed that the FTA Section 5311 process only applies to transit operating assistance and purchase of revenue vehicles.

- The emissions reductions submitted for CMAQ were based on the vehicles. City of Taft will not be allowed to re-submit the infrastructure for CMAQ funding because that would be double counting the emissions reductions.

- This action leaves a balance of $362,973 CMAQ unprogrammed for this fiscal year and $2,207,582 for next fiscal year.

KER220503 CMAQ Option 2 Taft: purchase six replacement electric vans	FY 22/23	$0 CMAQ	$0 State	$0 total
	FY 23/24	$1,379,254 CMAQ	$178,698 State/Local	$1,557,952 total

Option 3: Do nothing. If the Kern COG Board approves this option, Kern COG could wait for projects in FY 23/24 to request advancement to FY 22/23 on a case-by-case basis. Kern COG could potentially lose the funding for this fiscal year since Kern COG staff is not aware of any CMAQ projects that are ready to be advanced.

Kern COG staff recommends Option 1 to:

- Allow the City of Taft to split the infrastructure component from the vehicle component of their CMAQ project.

- Allow the City of Taft to proceed with delivery of the infrastructure component using the emission reductions reported for the project.

- Allow for the concurrent FTIP amendment to continue as is with the removal of the vehicle component.

ACTION: Request Transportation Technical Advisory Committee recommend Option 1 to the Transportation Planning Policy Committee. ROLL CALL VOTE

Kern Council of Governments

VII. TTAC

March 1, 2023

TO: Transportation Technical Advisory Committee

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VII
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

DESCRIPTION: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission in December of the same odd-numbered year for their later approval early the following year.

DISCUSSION: At their January 25– 26, 2023 meeting, the California Transportation Commission (CTC) initiated the 2024 Regional Transportation Improvement Program (2024 RTIP) process to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The general order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

2024 Regional Transportation Improvement Program Schedule		
~~January 2023~~	~~CTC~~	~~Adopt 2024 STIP Fund Estimate Schedule~~ *Done*
March 22-23, 2023	CTC	Present Fund Estimate Assumptions to Commissioners
April 26, 2023	KCOG	Regional Workshop
May 17-18, 2023	CTC	Adopt Fund Estimate Assumptions
June 21, 2023	KCOG	Regional Workshop
June 28-29, 2023	CTC	Present Draft Fund Estimate
August 16-17, 2023	CTC	Adopt Statewide Fund Estimate and Guidelines
August 23, 2023	KCOG	Regional Workshop
September 6, 2023	KCOG	Circulate Adm. Draft 2024 RTIP (TTAC)
September 13, 2023	KCOG	Regional Workshop - Tentative
October 4, 2023	KCOG	Circulate Draft 2024 RTIP (TTAC)
November 16, 2023	KCOG	Regional Adoption of 2024 RTIP CIP (TPPC)
December 15, 2023	KCOG	Submittal deadline of 2024 RTIP to the CTC
February, 2024	CTC	Conduct Southern/Northern California Public Hearing
March, 2024	CTC	CTC will circulate staff recommendation for 2024 STIP
April, 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

Current 2022 STIP as Adopted - Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding. The Truck Climbing Lanes project on State Route 58 east of Bakersfield is considered a partnership project with Caltrans, with the intent of receiving SHOPP funding in future cycles for the construction phase. SR 46 widening work was advanced in the 2022 STIP to include construction funding for Segments 4B and 4C. These last 2 segments, once constructed, will complete the delivery of the last Phase 4, 5-mile segment. Phases 1, 2, and 3 are constructed. The Hageman Flyover project was programmed for construction in the 2022 RTIP. But the project has experienced delays. A STIP amendment was subsequently submitted by Kern COG to move funding from the Hageman Flyover to a new freeway to freeway connector project at the SR 58 and 99 freeway interchange. The STIP amendment was approved at the January 25-26, 2023 CTC meeting.

2022 STIP KERN REGION PROJECT STATUS	
SR 46 Widen Seg 4B	This project is currently under construction and scheduled for completion in 2023. This project will not move forward into the 2024 RTIP
SR 46 Widen Seg 4C	Received construction authorizations in 22-23 and scheduled to begin work in 2023. This project received full STIP and TCEP allocations. This project will not move forward into the 2024 RTIP.
SR 58 Centennial Mainline	Under construction at 81% completed & expected to be completed later this year. Final AB 3090 (STIP) payment was allocated in 2022.
SR 99/204 Hageman Flyover	The Hageman project was not likely to advance to construction as programmed in the 2022 STIP. Kern COG subsequently requested a 2022 STIP Amendment. The amendment was approved at the January 25-26, 2023 CTC meeting to remove STIP funds from Hageman and move to new STIP project to construct a new freeway to freeway connector from eastbound SR 58 from new alignment west of SR 99 to northbound 99.
SR 58 Climbing Lanes	In the environmental review phase using CRRSAA/COVID funding.
NEW - SR 58/99 Connector	New project added to the 2022 STIP. This project was approved at the January 25-26, 2023, CTC meeting, as a STIP amendment and will fund the construction phase for the new connector. The City of Bakersfield is the lead for this work.

These projects are part of the 2022 State Transportation Improvement Program, and their funding activity is tracked by the CTC, every two years, through an updated document called Report of STIP Balances County and Interregional Shares, or the Orange Book. Attachment A of this report includes the 2022 Orange Book page for the Kern Region. The CTC will provide an update for the 2024 RTIP cycle sometime in the months ahead.

Update of Kern COG Project Delivery Policies and Procedures – In 2019, the Kern COG Board adopted the latest version of the Kern COG Project Delivery Policies and Procedures document which included updates to Chapters 1, 2 and 3. Chapter 3 focuses on the Regional Transportation Improvement Program process. The update included changes that provided consistency with STIP guidelines and other discretionary transportation programs.

Action: Information.

Enclosures: Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments
Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops

2022 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

($1,000's)

Total County Share, June 30, 2021 (from 2021 Report)	86,641
Adjustment for 2019-20 and 2020-21 lapses	0
Less 2020-21 Allocations and closed projects	(46,091)
Less Projects Lapsed, July 1, 2021-June 30, 2022	0
2022 STIP Fund Estimate Formula Distribution	22,452
Total County Share, June 30, 2022	63,002

Kern

								Project Totals by Fiscal Year						Project Totals by Component					
Agency	Rte	PPNO	Project	Ext	Del.	Voted	Total	Prior	22-23	23-24	24-25	25-26	26-27	R/W	Const	E & P	PS&E	R/W Sup	Con Sup
Highway Projects:																			
Kern COG		6L03	Planning, programming, and monitoring			Dec-21	300	300	0	0	0	0	0	0	300	0	0	0	0
Bakersfield	cash	3705B	AB 3090 Reimbursement (Westside Pkwy-Ph1)(16S-07)			Jun-22	18,963	0	18,963	0	0	0	0	0	18,963	0	0	0	0
Caltrans	14	8042B	Freeman Gulch widening-Segment 2 (RIP 40%)				1,960	1,960	0	0	0	0	0	0	0	0	1,960	0	0
Caltrans	46	3386E	Widen 4 lns, Browns Material Rd-CA Aqueduct, Seg 4C				13,995	5,450	8,545	0	0	0	0	2,750	4,445	0	2,100	600	4,100
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204				25,593	0	0	0	0	25,593	0	0	25,593	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring				2,191	0	300	300	591	500	500	0	2,191	0	0	0	0
			Subtotal, Highway Projects				63,002	7,710	27,808	300	591	26,093	500	2,750	51,492	0	4,060	600	4,100
	Total Programmed or Voted since July 1, 2021						63,002												
COVID Projects																			
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204 (20S-26)			Oct-21	2,686	0	2,686	0	0	0	0	2,686	0	0	0	0	0
Caltrans	58	2664	Truck Climbing Lane, e/b, PM 76.3-79.8(20S-26)				2,272	2,272	0	0	0	0	0	0	0	2,272	0	0	0
	Total Programmed or Voted since July 1, 2021						4,958	2,272	2,686	0	0	0	0	2,686	0	2,272	0	0	0

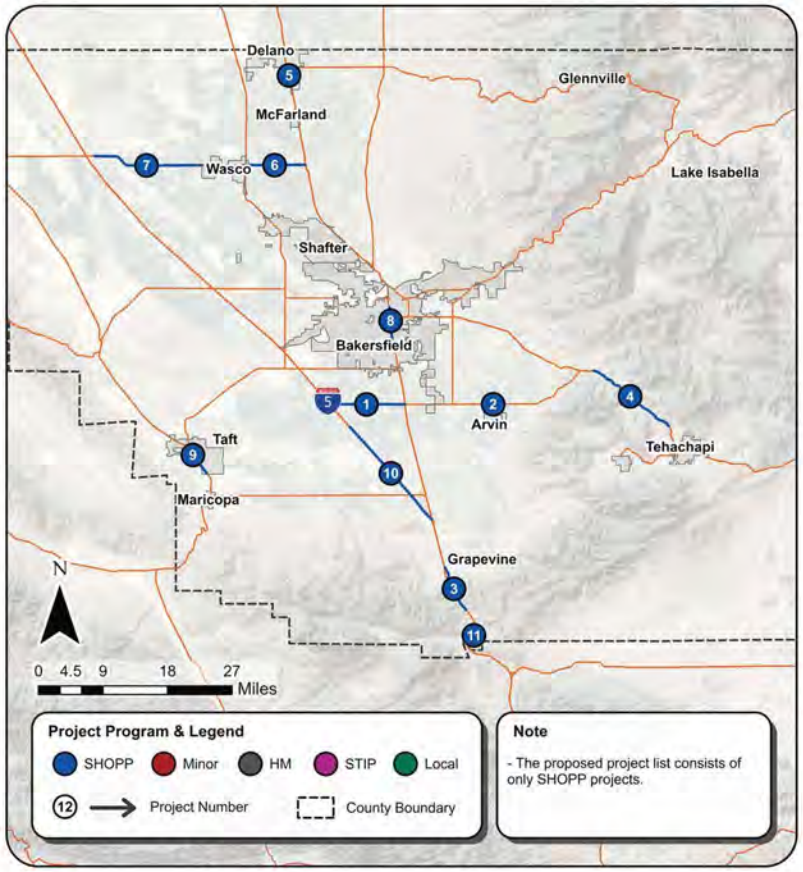
Balance of STIP County Share, Kern	
Total County Share, June 30, 2022	63,002
Total Programmed or Voted Since July 1, 2021	63,002
Unprogrammed Share Balance	0
Share Balance Advanced or Overdrawn	0
COVID Programming	
Target	6,414
Total Programmed or Voted Since July 1, 2021	4,958
2021-22 Lapsed Projects	0
Less 2020-21 Allocations	0
Under (Over) Target	1,456

Caltrans

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROPOSED PROJECT LIST (YEARS 6-7)

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROPOSED PROJECT LIST (YEARS 6-7)								
1	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	Proposed	$9,877	2024/25
2	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
3	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25
4	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
5	1A810	6	99	54.6 / 54.61	Delano Facility. Reconstruct Building	ENV	$3,486	2025/26
6	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
7	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
8	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
9	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
10	0W930	6	5	15.9R / 30.0	KER I5 CAPM / Remove .35' HMA and Place .25' HMA and 0.10' RHMA.	ENV	$35,406	2025/26
11	0X570	6	5	.73 / 1.08	Tejon SRRA Water & Wastewater Upgrades / Upgrade Water and Wastewater Systems	ENV	$10,170	2025/26



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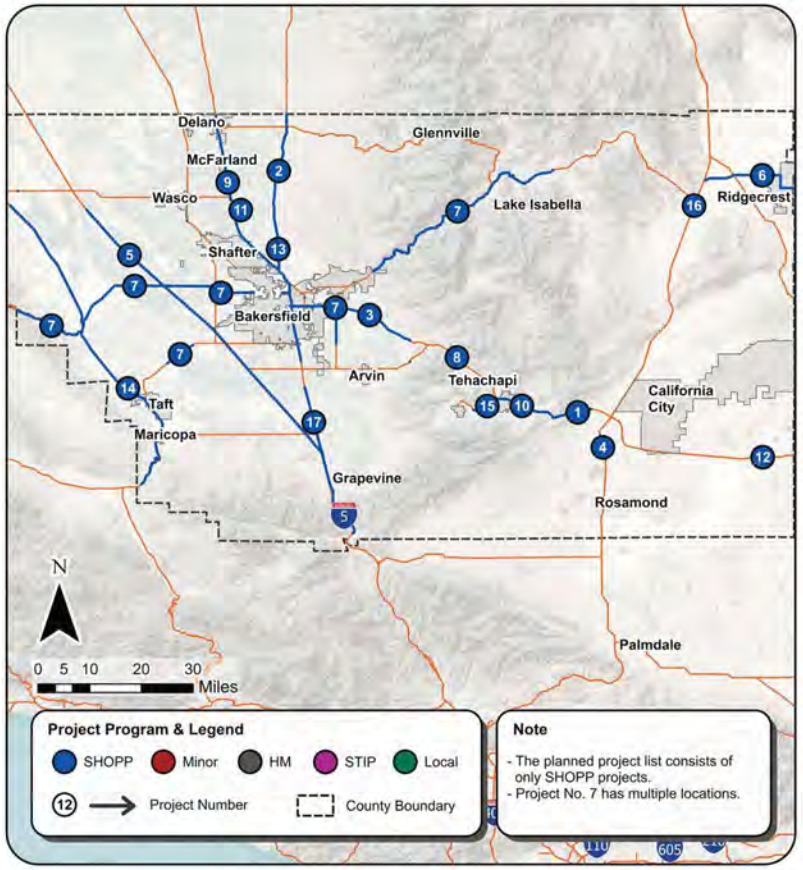
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PLANNED PROJECT LIST (YEARS 8-10)

Kern Council of Governments

No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PLANNED PROJECT LIST (YEARS 8-10)								
1	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	Future	$39,623	2026/27
2	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
3	0X450	6	58	R64.9 / R64.91	Arvin KER-58 Wim Upgrade / Improve Weigh Facility	Future	$3,051	2026/27
4	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	Future	$47,558	2026/27
5	19586	6	5	52.80 / 62.6	Rehab	Future	$76,423	2027/28
6	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	Future	$72,355	2027/28
7	22144	6	58	3.03 / 72.67	In Kern County at various locations. Drainage improvements	Future	$14,196	2027/28
8	22129	9	58	81 / 81.1	In Kern county at CVEF on Route 58 eastbound	Future	$1,260	2028/29
9	1A660	6	99	R43.9R / 49.4	CAPM	Future	$9,522	2028/29
10	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29
11	22167	6	99	R43.6R / R43.61R	50 0011R Spot prep and paint steel members	Future	$2,115	2028/29
12	21986	9	58	R138.75 / R139.0	In Kern County at Boron SRRA. Rehab wastewater treatment.	Future	$2,994	2028/29
13	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
14	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
15	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58.	Future	$9,387	2028/29
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	$2,463	2028/29
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	$13,724	2028/29



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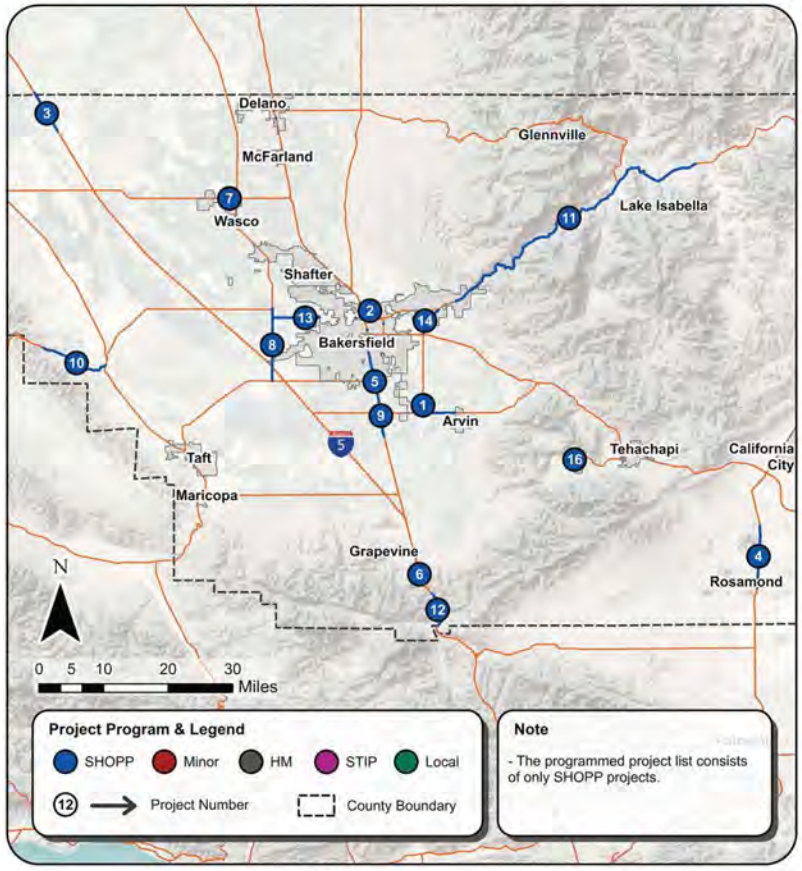
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
1	0V280	6	184	L0.9 / L1.1	Kern 184/Sunset Roundabout / Intersection Improvements	CON	$9,050	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U470	6	5	82 / 87	Lost Hills Rehab / Pavement Rehabilitation (2R)	CON	$29,330	2019/20
4	36740	9	14	R4.7 / R12.6	Rosamond-Mojave Rehab / 2R	CON	$73,615	2019/20
5	0U240	6	99	VAR / VAR	Various locations in Kern and Kings Counties	CON	$10,802	2019/20
6	0W160	6	5	5.97 / 9.78	Grapevine Culvert Repair / Upgrade Drainage Systems	CON	$14,214	2019/20
7	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
8	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
9	0Q920	6	99	10.4 / 21.2	Union Ave to White Lane 2R Rehab / Pavement Rehabilitation and Improve Vertical Clearance	CON	$66,740	2019/20
10	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	$12,400	2020/21
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	$10,100	2021/22
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	$16,783	2021/22



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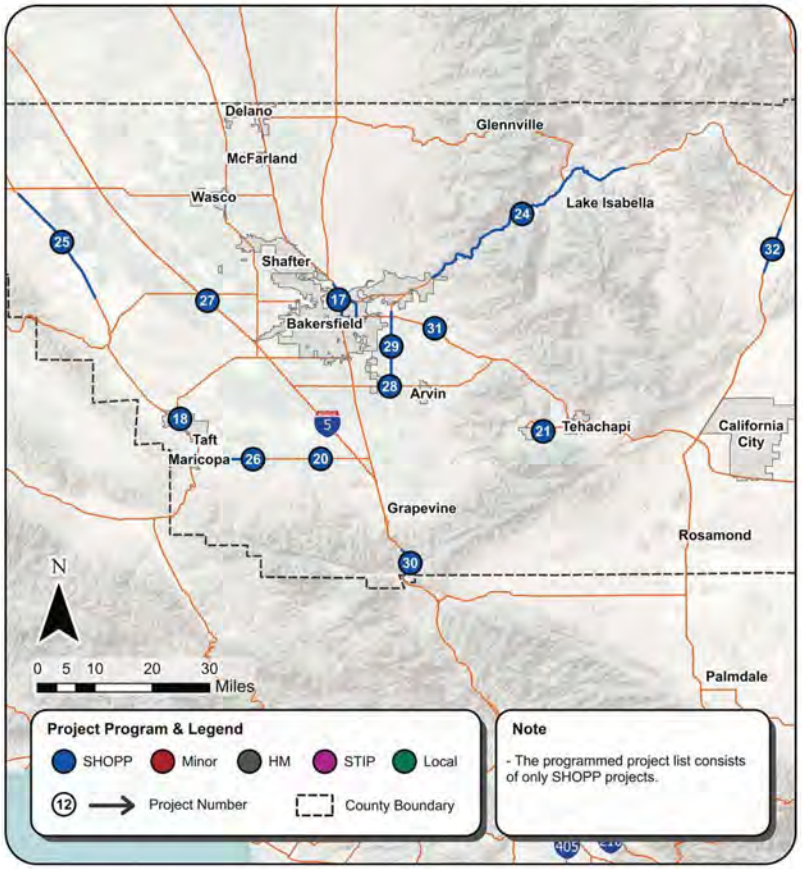
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
17	0Q281	6	99	23.6 / R28.4	Bakersfield 99 Rehab Replacement Planting / Replacement Planting	ENV	$10,340	2021/22
18	0X760	6	119	0.14 / 0.54	Taft Left Turn Channelization / Left-Turn Channelization	ENV	$5,221	2021/22
19	0T000	6	58	R53.2 / R55.6	KER 58 ADA / Upgrade Curb Ramps	DES / ROW	$4,620	2021/22
20	0S050	6	166	17.3 / 17.7	Calif Aqueduct Bridge Rehab / Bridge Rehabilitation/Seismic Retrofit	ENV	$44,045	2021/22
21	36720	9	202	r4.89 / R4.89	Cummings Valley Rd Int / Construct Left Turn Lane	DES / ROW	$5,044	2021/22
22	0W150	6	204	0.00 / 6.752	SR 204 within City of Bakersfield and TUL SR 65 in Exeter at various locations	DES	$10,728	2021/22
23	0W990	6	204	2.805 / 2.805	Union Avenue High Intensity Activated Crosswalk / Install Hybrid Pedestrian Beacon (Hawk)	DES / ROW	$4,275	2021/22
24	0X080	6	178	8.0 / 50.0	Kern Canyon Culvert Rehab / Repair and Replace Culverts	DES / ROW	$13,000	2021/22
25	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
26	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
27	1A690	6	5	47.55 / 52.15	Buttonwillow Median Barrier / Construct Median Barrier	ENV	$5,720	2022/23
28	0R190	6	223	15.7 / 16.3	Arvin SR 223/184 Roundabout / Intersection Improvement	DES / ROW	$3,700	2022/23
29	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
30	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehabilitation (2R)	ENV	$31,350	2022/23
31	0X160	6	58	64.40 / 67.30	Edison 2R Rehab / Pavement Rehabilitation (2R)	ENV	$14,270	2022/23
32	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23



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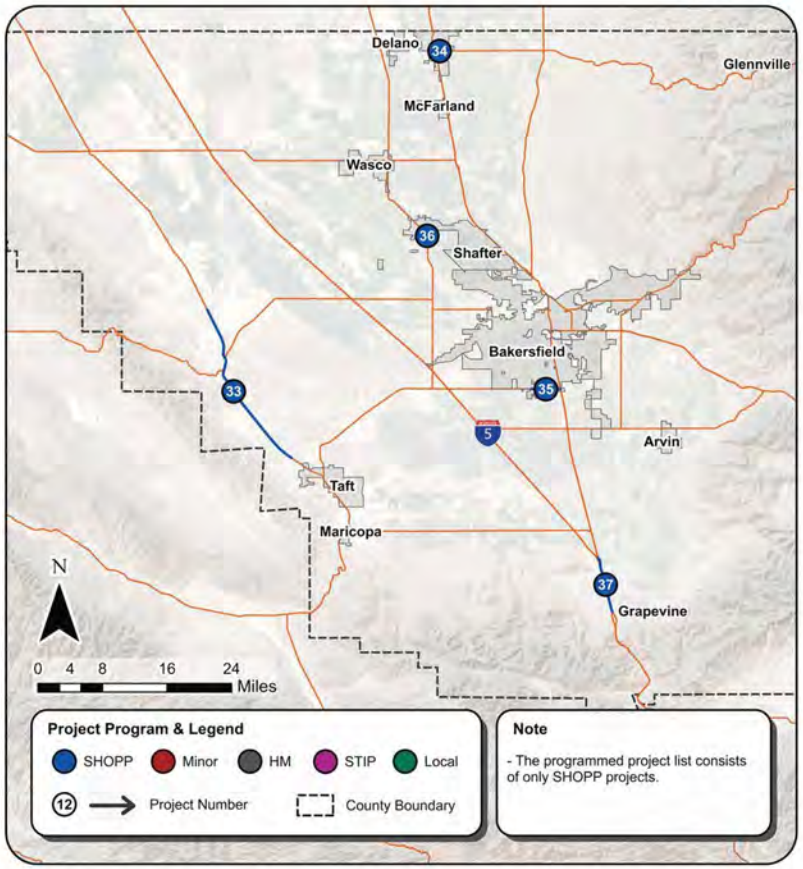
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
33	0X240	6	33	21.8 / 39.8	KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	$11,430	2023/24
34	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
35	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
36	1A470	6	43	15.8 / 15.8	Santa Fe Roundabout / Construct Roundabout	ENV	$13,617	2023/24
37	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24



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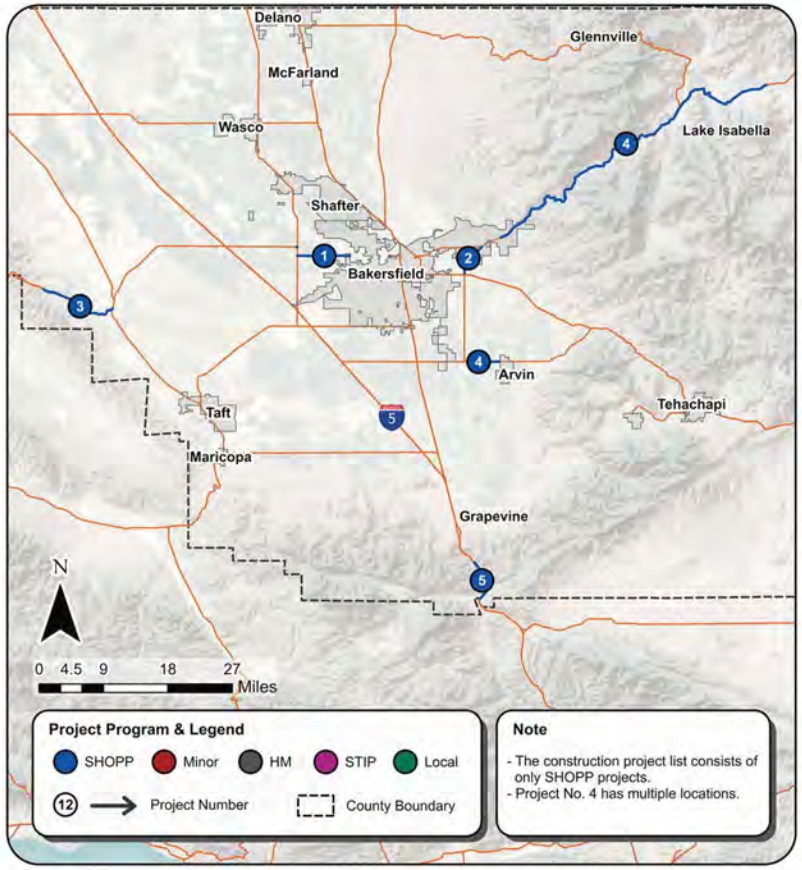
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
CONSTRUCTION READY PROJECT LIST

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
CONSTRUCTION READY PROJECT LIST (READY TO LIST ACHIEVED)								
1	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	CON	$12,400	2020/21
2	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES	$12,140	2020/21
3	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES	$15,970	2020/21
4	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
5	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21



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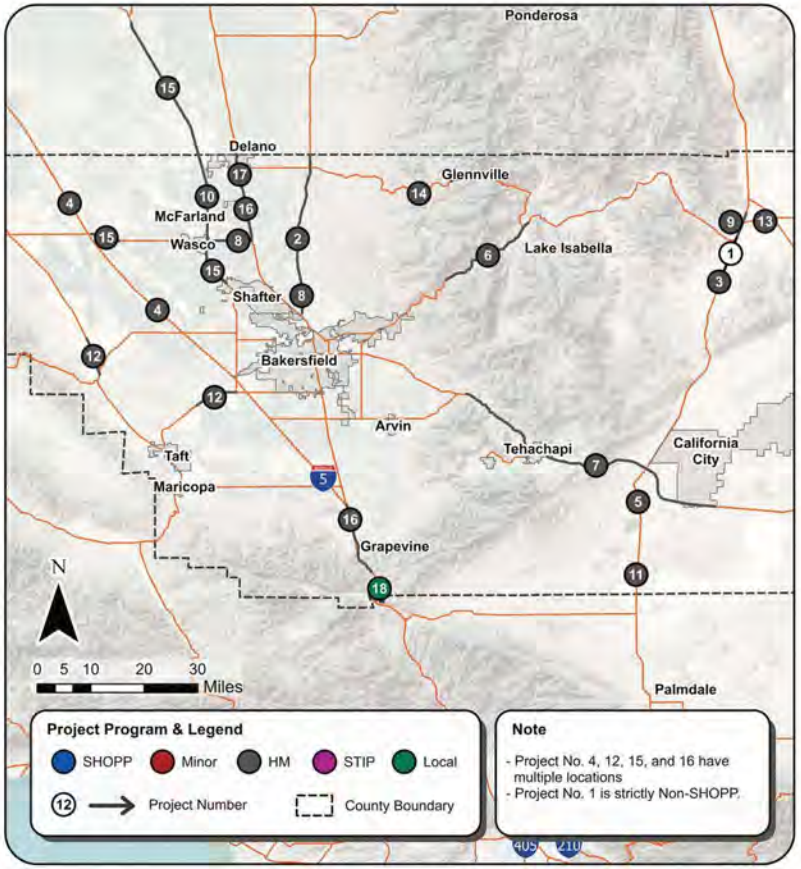
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
1	45712	6	14	53/58.3	Freeman Gulch Widening-Segment 2 / Convert Existing 2-Lane to 4-Lane Expressway	DES / ROW	$85,530	2022/23
2	1B080	6	65	1.0 / 25.169	Striping / 6 inch Stripe	CON	$2,570	2020/21
3	38570	9	14	52.8 / 58.3	Pavement Preservation / AR Chip Seal - SB1	CON	$916	2020/21
4	1A930	6	5	77.0 / 82.6	Rigid Roadbeds / PCC Slab Replacement	CON	$1,075	2020/21
5	38590	9	14	R12.3 / R15.3	Pavement Preservation / Digouts	CON	$1,761	2020/21
6	0Y110	6	178	24.6 / R44.191	Pavement Preservation / PME Medium Chip Seal	CON	$2,525	2020/21
7	38580	9	58	77.252 / R125.3	Pavement Preservation / Digouts	CON	$1,100	2020/21
8	1A950	6	46	51.2 / 57.785	Pavement Preservation / Remove and Replace RHMA Type G	CON	$4,300	2020/21
9	38800	9	14	58.3 / 62.2	Slopes/Vegetation / Slope Repair	CON	$40	2020/21
10	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	$5,425	2020/21
11	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	$32	2020/21
12	1B000	6	33	34.2 / 40.0	Pavement Preservation / PME Medium Chip Seal	CON	$2,425	2020/21
13	38130	9	178	91.88 / 91.88	Maintenance Facilities / Pave portion of yard	CON	$215	2020/21
14	1B020	6	155	35.5 / 37.5	Pavement Preservation / 0.15 HMA Type a w/ Digouts	CON	$2,650	2020/21
15	1A990	6	43	17.3 / R24.0	Pavement Preservation / PME Med Chip Seal	CON	$3,400	2020/21
16	1A900	6	5	4.4 / R15.8R	Rigid Roadbeds / PCC Slab Replacement	CON	$2,950	2020/21
17	1C002	6	99	54.5 / 54.5	Maintenance Facilities / Slurry Seal Delano MF	CON	$224	2020/21
18	0Y550	6	5	0.8/2	Lebec Mountain Village Roundabout / Construct Roundabout at Ramp Intersections	ENV	$402	2023/24



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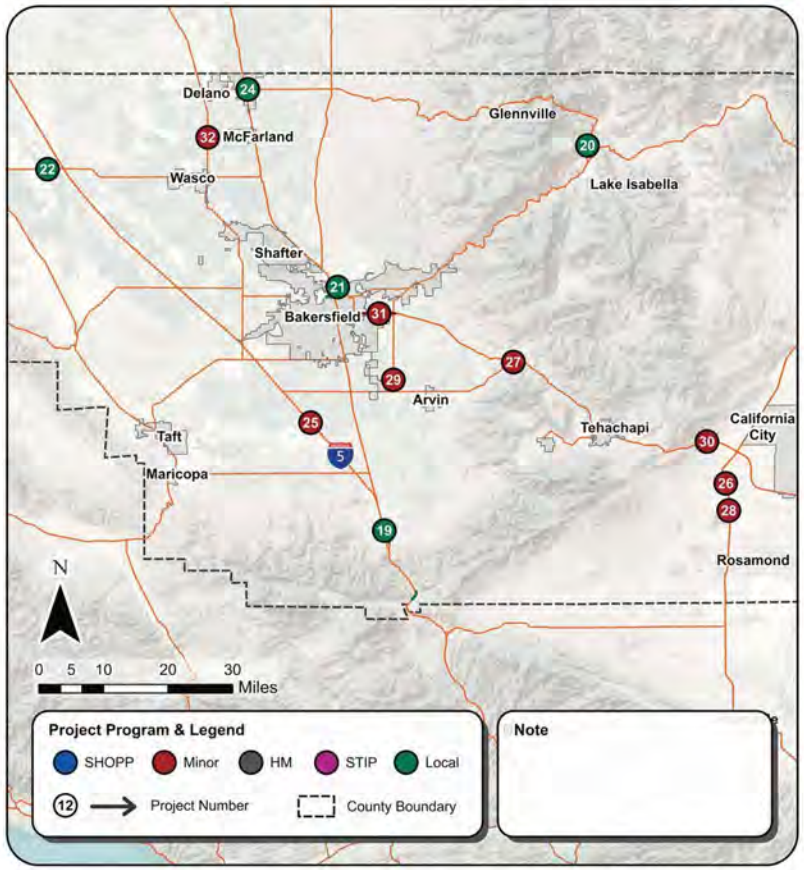
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
19	0R100	6	5	9.5/12	Grapevine Interchange / Relocate Interchange	ENV	$1,200	2025/26
20	0V770	6	155	68.2/R68.6	Usace Lake Isabella Oversight Projects / Realign Roadway	CON	$419	Future
21	48450	6	204	5.9/6.8	Hageman Flyover / Extension and Connection to RTE 204	DES / ROW	$5,658	2021/22
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	$1,300	2020/21
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	$0	2021/22
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	$498	2021/22
25	0T030	6	5	28.17 / 28.17	Mobility - TMS / In Kern, Kings and Fresno Counties, on Route 5 at various locations. Install Vehicle Detection Systems (VDS).	CON	$3,762	2020/21
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	$2,273	2020/21
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	$1,900	2021/22
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	$2,273	2020/21
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	$327	2021/22
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	$382	2020/21
31	0Y940	6	58	R55.47 / R59.67	Pavement / In Kern County, in Bakersfield on Route 58 at various ramps/locations. Remove and replace pavement.	DES	$400	2021/22
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	$250	2021/22



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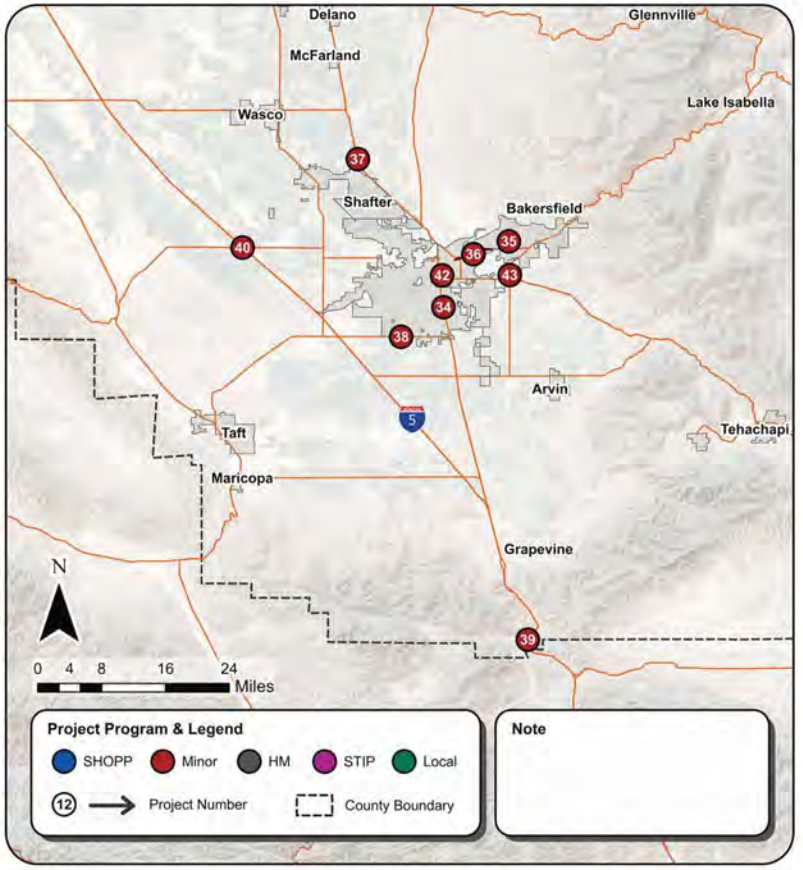
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
33	0S790	6	178	R4.5 / R4.5	Pavement / In Kern County, in Bakersfield at the Mount Vernon Avenue westbound onramp. Remove and replace pavement.	DES	$384	2021/22
34	1A150	6	99	20.6 / 20.6	Major Damage - Protective Betterments / In Kern County, in Bakersfield at Pacheco Road. Upgrade fence.	DES	$163	2021/22
35	1A130	6	178	R4.6 / R5.2	Major Damage - Protective Betterments / In Kern County, in the city of Bakersfield at various locations. Construct fence.	DES	$195	2021/22
36	0Y950	6	178	R1.89 / R5.78	Pavement / In Kern County, in Bakersfield on Route 178 at various ramps/locations. Remove and replace pavement.	DES	$415	2021/22
37	0V130	6	99	R39.1 / R39.1	Pavement / In Kern County, near Bakersfield on Route 99 at Merced Avenue offramp. Remove asphalt pavement and replace with concrete pavement.	DES	$600	2021/22
38	0X920	6	119	26.1 / 26.4	Safety Improvements / In Kern County, at Old River Road. Install safety lighting.	DES	$205	2021/22
39	1B160	6	5	R0.0 / R0.0	Mobility - Operational Improvements / In Fresno, Kern, Kings, Madera and Tulare counties on various routes at various locations. Repair and replace detection loops	DES	$325	2021/22
40	1C240	6	58	31.44 / 31.75	Pavement / In Kern County from 0.01 miles west of Route 5 SB offramp to Tracy Avenue (East). Remove and replace pavement and loops.	CON	$385	2020/21
41	1A420	6	178	R4.6 / R4.6	Major Damage - Protective Betterments /	CON	$134	2020/21
42	0X540	6	178	R2.26 / R2.26	Safety Improvements / In Kings County, at Pickerell Avenue. Install flashing beacon.	DES	$205	2020/21
43	1A860	6	184	8.35 / 8.35	Pavement / In Kern County, near Bakersfield at Edison Road. Remove and replace pavement.	DES	$410	2020/21



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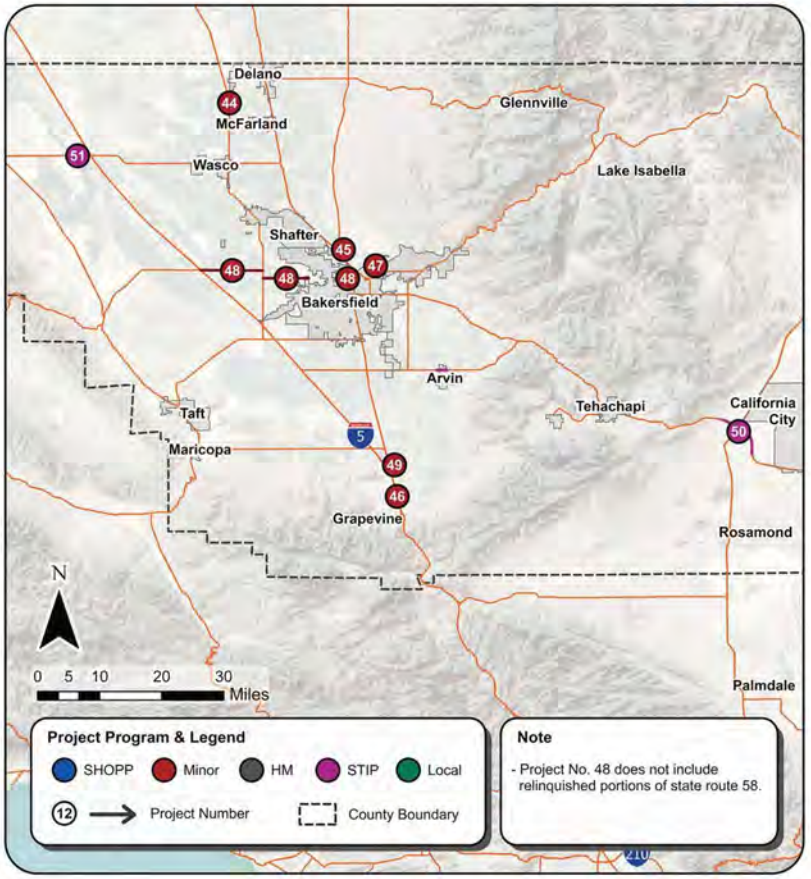
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART IV

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
44	0Y340	6	43	33.2 / 33.5	Safety Improvements / In Kern County, at Pond Road. Install flashing beacon.	DES	$173	2020/21
45	1A550	6	99	26.7 / 26.7	Bridge - Health / In Kern County, on Route 99 at the Calloway Canal Bridge and on Route 119 at the Weed Creek and Broad Creek Bridges. Repair bridges.	DES	$555	2021/22
46	1C030	6	5	11.7 / 12.39	Mobility - WIM Scales & CVEFs / In Kern County from the Grapevine Commercial Vehicle Enforcement Facility to 2.6 miles south of the Route 99 junction. Replace weigh station message sign.	DES	$500	2021/22
47	0Y780	6	99	26.502 / 26.502	Facilities / In Bakersfield, at the old California Highway Patrol (CHP) facility at 4040 Buck Owens Boulevard. Acquire facility to maintain Transportation Management Center (TMC) functions.	DES	$106	2021/22
48	1B150	6	58	31.6 / 51.8	Kern Freeway Signs / Upgrade and Install Freeway Signs	CON	$460	2020/21
49	1C330	6	5	13.54 / 13.8	Pavement / In Kern County at the NB off ramp to Wheeler Ridge. Remove and Replace HMA	DES	$325	2021/22
50	44255	6	46	29.7/31.9	Route 46 Conv/Exwy Segment 4B / 2-Lane Conventional Highway to 4-Lane Expressway Segment 4B	CON	$40,503	2020/21
51	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	$87,010	Future



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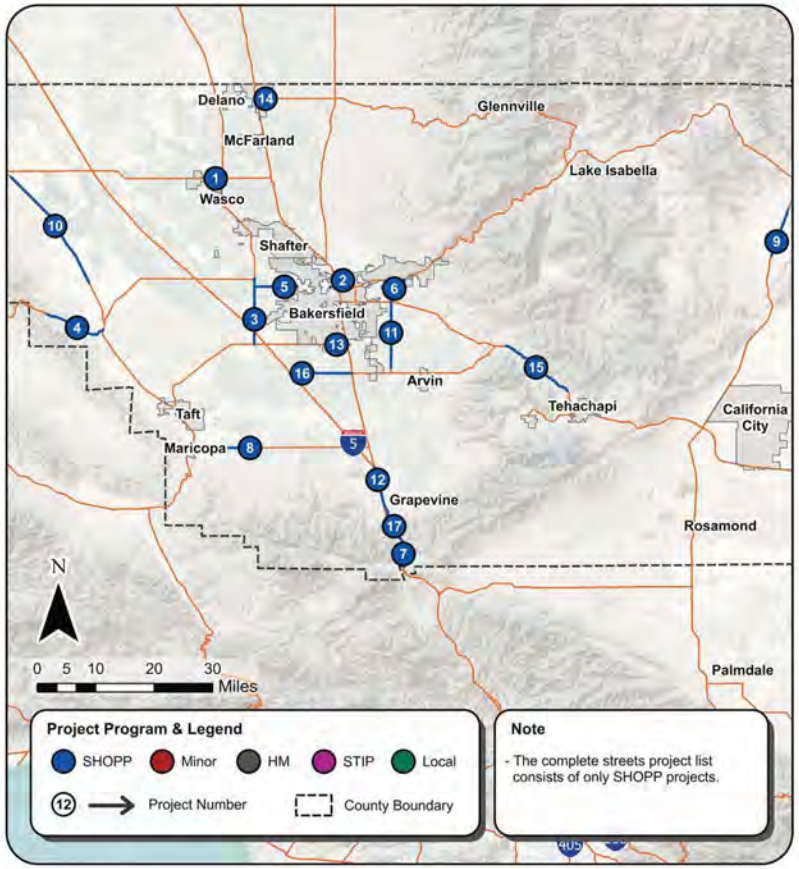
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
1	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
4	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
5	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	Closeout	$12,400	2020/21
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
7	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
8	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
9	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23
10	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
11	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
12	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24
13	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
14	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
15	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	$9,877	2024/25
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25



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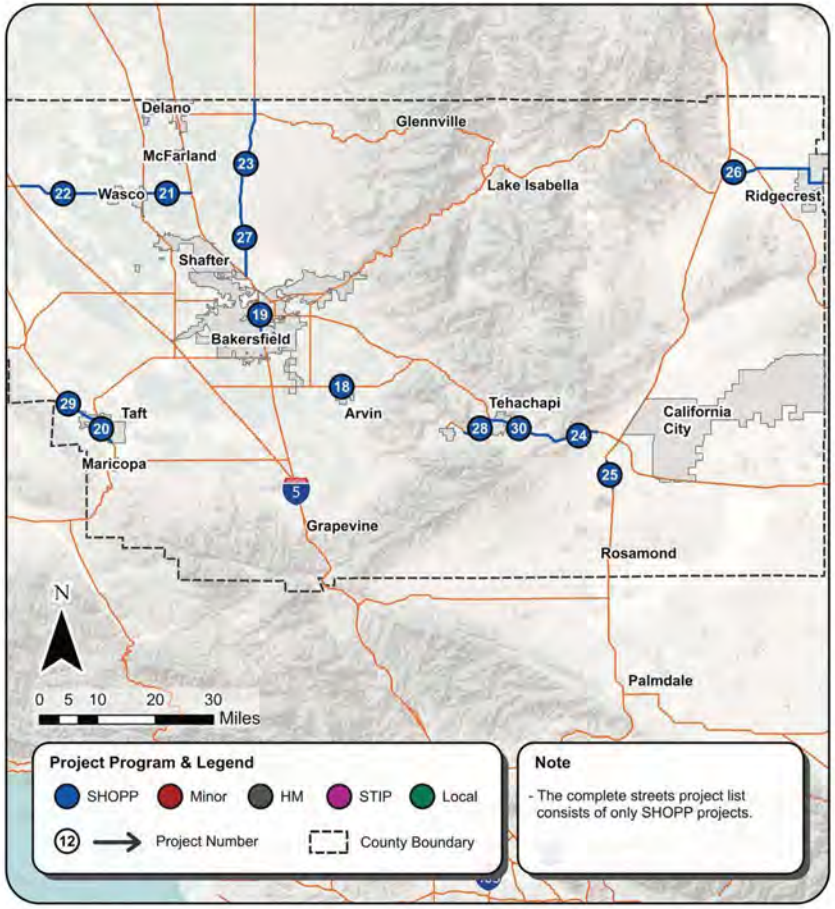
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
18	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
19	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
20	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
21	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
22	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
23	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
24	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	ENV	$39,623	2026/27
25	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	ENV	$47,558	2026/27
26	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	ENV	$72,355	2027/28
27	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
28	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58	Future	$9,387	2028/29
29	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
30	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29



Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops

Kern Council of Governments

March 1, 2023

TO: Regional Project Delivery Partners

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

Raquel Pacheco,
Regional Planner

SUBJECT: **SAVE THE DATE - 2024 RTIP KCOG WORKSHOPS**

Please make a note of the dates and time listed below for the Kern COG 2024 RTIP Workshops. Reminder e-mail messages, workshop flyers, and agenda packages will be sent out as each date approaches. Dates will be included in updated TTAC and Board agenda reports.

- Wednesday **April 26, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **June 21, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **August 23, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **September 13, 2023** – 10:00 AM to 11:00 AM – teleconference (tentative)

Topics for presentations and discussions may include but are not limited to the following items:

April Workshop
- STIP 101, latest guidelines and KCOG policy
- Current funding needs of projects in the STIP and those that were delayed
- Status of partnership projects in Eastern Kern MOU with Inyo, Mono & Caltrans
- Discussion on need for future call for projects

June Workshop
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Options for administrative draft 2024 RTIP Capital Improvement Program

August Workshop
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

September Workshop (tentative)
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

Kern Council of Governments
1401 19th Street, Suite 300, Bakersfield, California 93301 (661) 861-2191 Facsimile (661) 324-8215 TTY (661) 832-7433 www.kerncog.org

Kern Council of Governments

VIII.
TTAC

March 1, 2023

TO: Transportation Technical Advisory Committee

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VIII.
FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP)
AMENDMENT – TIMELINE

DESCRIPTION:

Upcoming amendment schedule for next 2023 FTIP Amendment.

DISCUSSION:

Amendments to the Federal Transportation Improvement Program (FTIP) are a normal part of the management and use of the FTIP. The upcoming amendment will include revisions to the State Highway/Regional Choice Program, Congestion Mitigation Air Quality Program, Transit Program, and Non-Motorized Program. The next amendment schedule is provided below for your reference.

2023 FTIP AMENDMENT	
Public review period begins	Friday, March 3, 2023
TPPC meeting – public hearing	Thursday, March 16, 2023
Public review period ends	Friday, March 17, 2023
Regional approval	Monday, March 20, 2023
State approval	April 2023
Federal approval	May 2023

ACTION: Information

IX.
TTAC

Kern Council of Governments

March 1, 2023

TO: Transportation Technical Advisory Committee

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco,
Regional Planner

SUBJECT: TTAC AGENDA ITEM: IX
REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP) - DRAFT TIMELINE AND FUND ESTIMATE

DESCRIPTION:
Kern COG staff developed a draft timeline and fund estimate to facilitate programming new Regional Surface Transportation Program (RSTP) projects.

DISCUSSION:

Background
RSTP, established in the 1991 Intermodal Surface Transportation Efficiency Act (ISTEA), remains in the federal transportation legislation for use at the local level. RSTP funding may be used to maintain and improve the existing transportation system, expand the system to reduce congestion, and to establish programs and projects to assist the region in reducing mobile emissions and help meet federal air quality standards. Eligible costs for funds under these programs include preliminary engineering, right-of-way acquisition, capital costs, and construction costs associated with an eligible activity. Kern COG's *Chapter 4 RSTP Policy and Procedure*, as adopted by Kern COG's Board of Directors on November 15, 2012, will be used throughout this programming cycle. The guidance is enclosed.

Timeline
After approval by the Transportation Planning Policy Committee on March 16, 2023, the draft timeline will be used for the upcoming RSTP call for projects cycle. Significant dates and tasks for the upcoming RSTP call for projects are shown in the following schedule:

DRAFT RSTP Call for Projects Timeline

Date	Task
March 2023	Approve Timeline and Fund Estimate
Late March 2023	Advertise Call for Projects
Mid July 2023	Candidate Projects Due
September 2023	Develop Program of Projects
January 2024	Present Draft Program of Projects to TTAC and TPPC
February 2024	Approve Final Program of Projects and introduction into FTIP

Fund Estimate

Part of the development of the 2025 Federal Transportation Improvement Program (FTIP) is project list review. While there are projects in federal fiscal year 22/23 and 23/24, Kern COG staff recommends moving forward with programming projects for federal fiscal year 24/25 and 25/26. In the event that apportionment levels do not meet planning levels, projects could be moved to future years. Please note that the Regional Traffic Count Program is not part of the estimated RSTP funding levels fair share estimate. This project was approved as part of a Memorandum of Understanding between City of Bakersfield, County of Kern, Caltrans, and Kern COG.

ESTIMATED RSTP FUNDING LEVELS

2024-25	2025-26	TOTAL
$12,236,000	**$12,230,000**	**$24,466,000**

The proposed fair share programming by agency for the 2023 RSTP Call for Projects cycle is shown in the table below (in thousands):

Table 1: RSTP Fair Share Estimate

Federal Fiscal Years			24-25	25-26	
Available to Program			$12,236	$12,230	
Agency	Population	%			Total
Arvin	19,639	2.16%	$264	$264	$528
Bakersfield	408,865	44.94%	$5,499	$5,496	$10,995
California City	14,952	1.64%	$201	$201	$402
Delano	51,258	5.63%	$689	$689	$1,378
Maricopa	1,018	0.11%	$14	$14	$28
McFarland	13,902	1.53%	$187	$187	$374
Ridgecrest	28,061	3.08%	$377	$377	$754
Shafter	20,486	2.25%	$276	$275	$551
Taft	7,011	0.77%	$95	$95	$190
Tehachapi	12,375	1.36%	$166	$166	$332
Wasco	26,689	2.93%	$359	$359	$718
County of Kern	305,557	33.58%	$4,109	$4,107	$8,216
Totals	909,813	100.00%	$12,236	$12,230	$24,466

Note: percentages are rounded to the nearest hundredth
Source: Population figures from California State Department of Finance 5/2/22

Staff Recommendation

Kern COG staff recommends approval of the timeline and fund estimate as shown in Table 1.

Attachment: "Regional Surface Transportation Program Policy and Procedure"

ACTION:

Recommend approval of the RSTP Timeline and Fund Estimate to the Transportation Planning Policy Committee. ROLL CALL VOTE

Chapter 4

Regional Surface Transportation Program (RSTP)

Background **4-1**
Development Timeline **4-2**
Figure 4-A: RSTP Milestones for Project Submittal & Approval *4-2*
Programming Guidance **4-3**
Screening Criteria **4-3**
Project Eligibility **4-4**

Background

The Regional Surface Transportation Program (RSTP) was established by the Intermodal Surface Transportation Act of 1991 (1991 ISTEA, Public Law 102-240) and was continued by the Transportation Equity Act for the 21st Century (TEA-21, Public Law 105-178) and the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) under 23 U.S.C. 149. SAFETEA-LU was scheduled to expire on September 30, 2009, but was extended through September 30, 2012. On July 6, 2012, "Moving Ahead for Progress in the 21st Century Act (MAP-21)" was signed into law and continues RSTP and all previous eligible activities including road rehabilitation. MAP-21 provides funding over a two-year period starting October 1, 2012 (FY12-13) and ending September 30, 2014 (FY 13-14).

The RSTP program can be used to maintain and improve the existing transportation system, expand the system to reduce congestion, and to establish programs and projects that will assist the region in reducing mobile emissions and help meet federal air quality standards. RSTP funds are reimbursable federal aid funds, subject to all the requirements of Title 23, United States code. Eligible costs for funds under these programs include preliminary engineering, right-of-way acquisition, capital costs, and construction costs associated with an eligible activity.

Developing policies, procedures and criteria to program RSTP projects provides a consistent framework to develop projects for inclusion in the Federal Transportation Improvement Program. The federal-aid process involved in implementing transportation projects requires

substantial effort from the project lead agency in submitting required information for federal-aid reimbursement as projects are executed.

- The policies, procedures and criteria should be used to develop a regionally balanced program of projects while building consensus among member agencies throughout the process.

- Building consensus at the Transportation Technical Advisory Committee (TTAC) level is necessary before presenting a final list of proposed projects to the Transportation Planning Policy Committee (TPPC) and Kern Council of Governments (KCOG) Board for their approval.
- Approval by the TPPC is the final determination that consensus is achieved for the program of projects.

Development Timeline

After funding allocations for RSTP are determined by Caltrans, KCOG shall initiate a "Call for Projects" to develop new projects for inclusion into the Federal Transportation Improvement Program (FTIP), either by amendment into a current FTIP or included as part of the development of a new FTIP. TTAC meets monthly to review transportation items and recommend actions to the TPPC. Figure 4-A below provides a list of events leading up to the programming of new RSTP projects in the FTIP. The schedule reflects a ten-month time span from the call for projects to inclusion in the FTIP.

Figure 4-A: RSTP Milestones for Project Submittal & Approval

	RSTP Milestones
Month 1, Year 1	RSTP Allocation estimates received from Caltrans;
Month 2, Year 2	Issue a call for projects (4 months);
Month 7, Year 2	Project submittal deadline;
Month 8, Year 2	Evaluate and rank applicable projects; Develop draft program of projects
Month 9, Year 2	Draft program of projects is reviewed by TTAC;
Month 9, Year 2	Draft program of projects is reviewed by TPPC;
Month 10, Year 2	Request recommendation of approval by TTAC of Final List of Projects;
Month 10, Year 2	Hold public hearing and request TPPC approval on Final List of Projects.
Note: Additional cycles may be implemented at the discretion of KCOG staff that follows the time frame as defined above. **Even year = Year 1; Odd year = Year 2**	

Programming Guidance

The following policy guidance shall direct the programming of available RSTP funding:

- RSTP funding shall be used for eligible RSTP projects submitted by each member agency.
- Estimated RSTP funds shall be distributed based on project eligibility, and current population percentages.
- The RSTP program is not a grant or formula-driven program. Population percentages shall be used as a fair-share guidance, to assemble a program of projects for inclusion into the FTIP.
- Agencies must demonstrate the ability to process projects in a timely manner, so that funding is not lost to the Kern region due to delays or mismanagement.
- KCOG shall retain the right to redirect program funding to other agencies so as not to lose funding to the Kern region.
- A regional RSTP project may be nominated by the KCOG Board for review by the TTAC / TPPC for possible inclusion into the FTIP.

Screening Criteria

Proposed RSTP projects must meet all of the following screening requirements, where applicable. If a proposal meets all of the applicable criteria, it is eligible for prioritization; if not, it cannot be considered for funding.

☐ Project must be included in a local agency-adopted resolution supporting the project.

☐ Project is eligible for RSTP funding as set forth in 23 USC 133(b), as amended.

☐ Project applicant is either a public agency, i.e. city, county, Caltrans, transit operator, transit authority, or a nonprofit agency or group with the sponsorship of a public agency.

☐ Successful project applicants or their sponsors must have executed a master agreement with Caltrans in order to be authorized to expend funds for reimbursement under this program. Agencies without a master agreement will either need to obtain one or the sponsorship of an agency that does have one.

☐ Road projects must have a functional classification of urban collector, or major rural collectors or higher.

☐ The project must comply with the Americans with Disabilities Act (ADA) requirements.

☐ The project must be consistent with the currently approved Regional Transportation Plan.

- ☐ The applicant or their sponsor must have financial capacity to complete, operate and maintain the project.
- ☐ Funds required from other sources must be reasonably expected to be available within the time frame needed to carry out the project.

Project Eligibility

RSTP funds may be used on federal-aid roads classified above the level of a local road in urban areas or above a minor collector in rural areas. Listed below are eligible projects:

- ☐ Construction, reconstruction, rehabilitation, resurfacing, restoration, and operational improvements for highways and bridges;
- ☐ Capital costs for transit projects and publicly owned intracity or intercity bus terminals and facilities;
- ☐ Car pool projects, fringe and corridor parking facilities and programs; and bicycle transportation and pedestrian walkways;
- ☐ Highway and transit safety improvements and programs, hazardous elimination, projects to mitigate hazards caused by wildfire, and railway-highway grade crossings;
- ☐ Highway and transit research and development, and technology transfer programs;
- ☐ Capital and operating costs for traffic monitoring, management, and control facilities and programs;
- ☐ Surface transportation planning programs;
- ☐ Transportation enhancement (TE) projects;
- ☐ Transportation control measures (TCMs);
- ☐ Participation in wetlands mitigation efforts.

Kern Council of Governments

X.
TTAC

March 1, 2023

TO: Transportation Technical Advisory Committee

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco,
Regional Planner

SUBJECT: TTAC AGENDA ITEM: X
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – DRAFT TIMELINE AND FUNDING TARGETS

DESCRIPTION:

Kern COG staff developed a draft timeline and funding targets to facilitate programming new Congestion Mitigation and Air Quality (CMAQ) projects.

DISCUSSION:

Background
CMAQ, established in the 1991 Intermodal Surface Transportation Efficiency Act (ISTEA), remains in the federal transportation legislation for use at the regional level. CMAQ funding can be used to maintain and improve the existing transportation system, expand the system to reduce congestion, and to establish programs and projects that will assist the region in reducing mobile emissions and help meet federal air quality standards. Eligible costs for funds under these programs include preliminary engineering, right-of-way acquisition, capital costs, and construction costs associated with an eligible activity. Kern COG's *Chapter 5 CMAQ Policy and Procedure,* as last updated and approved by Kern COG's Board of Directors on November 17, 2016, will be used throughout this programming cycle. The guidance is enclosed.

Timeline
After approval by the Transportation Planning Policy Committee on March 16, 2023 the draft timeline will be used for the upcoming CMAQ call for projects cycle. Significant dates and tasks for the upcoming CMAQ call for projects are shown in the schedule on the following page.

DRAFT CMAQ Call for Projects Timeline

Date	Task
March 2023	Approve Timeline and Fund Estimate
Late March 2023	Advertise Call for Projects
Mid July 2023	Candidate Projects Due
September 2023	Develop Program of Projects
October 2023	TTAC subcommittee (peer) review of applications and initial rankings
November 2023	Update Program of Projects as needed
January 2024	Present Draft Program of Projects to TTAC and TPPC
February 2024	Approve Final Program of Projects and introduction into FTIP

Funding Targets

Part of the development of the 2025 Federal Transportation Improvement Program (FTIP) is project list review. While there are projects in fiscal year 22/23 and 23/24, Kern COG staff recommends moving forward with programming projects for federal fiscal year 24/25 and 25/26. In the event that apportionment levels do not meet planning levels, projects could be moved to future years.

This year's call for projects cycle will also include Carbon Reduction Program (CRP) funding. CRP is a new funding program under the latest federal transportation legislation. Caltrans notified Kern COG of CRP funding available to the Kern region. Staff recommends moving forward with programming the CRP funding following the *CMAQ Policy and Procedure* project selection process. Many of the eligible activities under CRP are similar in nature to the CMAQ Program. Although the California State Transportation Agency (CalSTA) is currently developing a California Carbon Reduction Strategy (that is due by November 2023 for the Federal Highway Administration review), Kern COG should move forward with selecting projects for CRP as soon as possible to avoid the risk of losing CRP funds. As more CRP information is made available, Kern COG staff will provide updates.

ESTIMATED CMAQ (including CRP) FUNDING LEVELS

2023-24 (CRP)	2024-25 (CMAQ and CRP)	2025-26 (CMAQ)	TOTAL
$1,554,000	**$13,209,000**	**$11,650,000**	**$26,413,000**

These funding levels are considered estimates to be used for planning and programming purposes only. Actual Obligational Authority is determined year by year and the planning estimates do not carry over into the next year. In addition, the *CMAQ Policy and Procedure is subject to change per FHWA Guidance.* Table 1 reflects proposed category percentages for this CMAQ call for projects cycle. These targets will dictate how the Program of Projects is developed and funded. Adjustments can be made, by Board action, should actual projects submittals not conform to these target values. The percentages are provided as a point of beginning for purposes of discussion and final action. Categories may be revised based on new information regarding commitments to the State Implementation Plan and other innovative projects that have not been considered in the past.

Table 1 – Proposed Category Percentages and Funding Targets		
CMAQ Policy Categories	**%**	**AMOUNT**
Category 1: Public Transit Projects Eligible projects shall include but are not limited to transit stock and transit amenity improvements. A 3-year fleet conversion plan shall be required for alternative refueling infrastructure. Projects shall be distributed across: small urban areas; regional transit; and metropolitan transit.	**20%**	**$5,282,600**
Category 2: Alternative Fuel & Infrastructure Projects Eligible projects may include advanced clean engine technology for non-transit vehicles and refueling infrastructure. Refueling infrastructure projects shall require a 3-year fleet conversion plan outlining how the refueling project will either expand, replace or transition vehicle technology within the agency and identified committed partners, and how they will serve those vehicles during operational peak-periods and non-peak periods. The fleet conversion plan must be specific to the project location and surrounding need.	**15%**	**$3,961,950**
Category 3: Transportation System Management Projects Eligible projects: Transportation System Management (TSM) projects shall include traffic signal interconnect projects, operational improvements and Traffic Operation Center projects in the metropolitan Bakersfield area.	**20%**	**$5,282,600**
Category 4: Discretionary Projects Eligible projects: The Discretionary Projects Category may include projects such as dust mitigation reductions, non-motorized projects, safety / traffic flow projects, freight/goods movement projects, (Active) Transportation Demand Management, or TSM projects outside of the Metropolitan Bakersfield area that can demonstrate an air quality benefit to the non-attainment area.	**45%**	**$11,885,850**
TOTAL	**100%**	**$26,413,000**

Staff Recommendation
Kern COG staff recommends approval of the timeline and the proposal presented in Table 1.

Attachment: "Congestion Mitigation and Air Quality Program Policy and Procedure"

ACTION:
Recommend approval of the CMAQ Timeline and Funding Targets to the Transportation Planning Policy Committee. ROLL CALL VOTE

Chapter 5

Congestion Mitigation and Air Quality Program (CMAQ)

Background..... **5-1**
Development Timeline **5-2**
Figure 5-A: CMAQ Milestones for Project Submittal & Approvals.... 5-3
Programming Guidance..... **5-4**
Figure 5-B: CMAQ Programming Categories..... 5-4
Screening Criteria..... **5-5**
Project Eligibility..... **5-6**
Non-Eligible Projects **5-13**
Ranking Criteria and Point System..... **5-13**
Figure 5-C: Air Pollution Control Districts in the Kern Region..... 5-14
Figure 5-D: Ozone/Carbon Monoxide Planning Areas..... 5-14
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CMAQ Local Cost-Effectiveness Policy..... **5-21**
Application Calculation and Reporting Requirements..... **5-22**

Background

The Congestion Mitigation and Air Quality (CMAQ) program was established by the Intermodal Surface Transportation Act of 1991 (1991 ISTEA, Public Law 102-240) and was continued by the Transportation Equity Act for the 21st Century (TEA-21, Public Law 105-178) and the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) under 23 U.S.C. 149. SAFETEA-LU was scheduled to expire on September 30, 2009, but was extended through September 30, 2012. On July 6, 2012, the "Moving Ahead for Progress in the 21st Century Act (MAP-21)" was signed into law and continues the CMAQ program to fund projects likely to reduce air pollution. MAP-21 provided funding over a two-year period starting October 1, 2012 (FY12-13) and ending September 30, 2014 (FY 13-14) followed by continuing resolutions. The CMAQ program is continued with the enactment of Fixing America's Surface Transportation Act, or "FAST Act" which was signed into law on December 4, 2015. It is a 5-year transportation bill.

CMAQ funding can be used to maintain and improve the existing transportation system, expand the system to reduce congestion, and to establish programs and projects that will assist the region in reducing mobile emissions and help meet federal air quality standards. CMAQ funds are reimbursable federal aid funds, subject to the requirements of Title 23, United States code. Eligible costs for funds under these programs include preliminary engineering, right-of-way acquisition, capital costs, and construction costs associated with an eligible activity.

The purpose of developing this policy guidance, procedures and criteria to program CMAQ projects is to provide a consistent project development framework. It is used to develop a regionally balanced program of projects while building consensus among member agencies and the public throughout the planning process. Once locally approved, CMAQ projects must then be included in the Federal Transportation Improvement Program (FTIP) prior to reimbursement of federal funding. The federal-aid process to build transportation projects requires substantial effort from the lead agency to submit paperwork required to process a project once it's identified in the FTIP. Therefore, projects should be developed and incorporated into the FTIP in a timely manner so as to allow sufficient time to deliver them.

Development Timeline

After funding allocations for CMAQ are determined by Caltrans, KCOG shall initiate a call for projects to develop projects for inclusion into the FTIP, either by amendment into a current FTIP or included as part of the development of a new FTIP. The Transportation Technical Advisory Committee (TTAC) meets monthly to review transportation items and recommend actions to the Transportation Planning Policy Committee (TPPC). Detailed below and in Figure 5-A on the next page is a list of events leading up to the programming of new CMAQ projects in the FTIP. The schedule reflects a 12-month time span from the call for projects to inclusion in the FTIP.

- KCOG shall first issue a "Call for Projects" announcement to the member agencies at the Transportation Technical Advisory Committee (TTAC) meeting and the Transportation Planning Policy Committee (TPPC) meeting. An application form and instructions giving specific information regarding what type of projects are eligible and application process information are distributed. Eligible applicants are organizations that have the ability to accept and account for federal funding. There is a date established as to when the applications must be returned to KCOG.
- KCOG staff shall first evaluate applications for consistency and accuracy. KCOG shall create a subcommittee of TTAC volunteers to review and comment on submitted applications. The subcommittee shall be given the opportunity to ask questions of KCOG staff and project sponsors during the meeting for clarification and to discuss the merits of each application. TTAC members shall be invited to participate in a peer review assessment after initial review by KCOG staff to ensure consistent review of submitted CMAQ applications.

- The initial assignment of points and ranking of projects shall occur after all questions by KCOG staff, TTAC members, the Board or the public are sufficiently addressed by the applicant in order for the ranking to have significant value.
- During the application review period, KCOG staff will ensure that calculations for emissions benefits and cost benefits are reviewed to ensure consistency and accuracy.
- KCOG staff shall prepare a staff report detailing the findings of the subcommittee and suggesting the recommended course of action to the TTAC. Upon recommendation of the TTAC, the projects proposed for funding are forwarded to the TPPC. Upon the approval of the TPPC the matter is then referred to state and federal agencies for approval. This action financially constrains new projects to available regional funding levels, and allows KCOG to program a list of financially constrained projects in transportation improvement program documents.
- Eligibility of projects is subject to state and federal review.
- After the federal and state approval of the amended FTIP, the lead agencies may request authorization to proceed with design for the project if applicable (design is an eligible expense). Caltrans must review the draft design of the project; and a final plan is developed incorporating the comments and suggestions resulting from the review.
- After the final design plan is approved by Caltrans, the lead agency may then request authorization to proceed for project construction. After the authorization is received, the lead agency may then proceed with construction. In most cases, the project is “cost reimbursable”, meaning that the lead agency must initially finance the project (i.e. buy supplies, pay contractors) and then submit the expenses to Caltrans for reimbursement, upon approval of expenditures.
- When the project is completed, a Notice of Completion is filed with Caltrans. The project is field checked by staff and instructions to issue final payment are issued.
- These policies and procedures may be revised, updated, or otherwise modified at the discretion of the KCOG Board of Directors and through state and federal guidance.

Because CMAQ funds are federal funds, project sponsors must follow federal funding guidelines and environmental (NEPA) processes.

Figure 5-A: CMAQ Milestones for Project Submittal & Approval

CMAQ Milestones	
Month 1, Year 1	CMAQ Allocation estimates received from Caltrans;
Month 2, Year 1	KCOG: reveals the CMAQ apportionment amount(s) available for programming new projects; establishes percentage funding targets for the CMAQ programming categories; and requests approval of the call for projects timeline through the regular committee process.
Month 2, Year 1	Issue a call for projects (4 months);
Month 7, Year 1	Project submittal deadline;
Month 8, Year 2	Evaluate and rank applicable projects; Develop draft program of projects
Month 9 & 10, Year 2	TTAC Subcommittee shall review and comment on applications and initial rankings;
Month 11, Year 2	Draft program of projects is reviewed by TTAC;
Month 11, Year 2	Draft program of projects is reviewed by TPPC;
Month 12, Year 2	Request recommendation of approval by TTAC of Final List of Projects;
Month 12, Year 2	Request TPPC approval on Final List of Projects.
Note: Additional cycles may be implemented at the discretion of Kern COG staff that follows the time frame as defined above. **Even year = Year 1; Odd year = Year 2**	

Programming Guidance

The following guidance shall direct the programming of available CMAQ funding over the course of the FAST Act. The four categories listed in Figure 5-B provide guidance on project categories that will be identified for funding. Reasonably Available Control Measures (RACM) and Best Available Control Measures (BACM) projects are eligible under any category. Projects will compete within each category separately as recommended by KCOG staff and approved by the KCOG Board of Directors.

For all categories, lead agencies must demonstrate the ability to process projects in a timely manner so that funding is not lost to the Kern region due to delays or mismanagement. Air quality benefits of all projects or activities shall be quantified and documented before CMAQ funding is approved. Caltrans submits an annual report to FHWA covering all CMAQ obligations for the fiscal year ending the previous September 30. This report documents how CMAQ funds were spent and what the air quality benefits are expected to be.

Figure 5-B: CMAQ Programming Categories

CMAQ Programming Categories	
Category 1: Public Transit Projects	Eligible projects shall include but are not limited to transit stock and transit amenity improvements. A 3-year fleet conversion plan shall be required for alternative refueling infrastructure. Projects shall be distributed across: small urban areas; regional transit; and metropolitan transit.
Category 2: Alternative Fuel & Infrastructure Projects	Eligible projects may include advanced clean engine technology for non-transit vehicles and refueling infrastructure. Refueling infrastructure projects shall require a 3-year fleet conversion plan outlining how the refueling project will either expand, replace or transition vehicle technology within the agency and identified committed partners, and how they will serve those vehicles during operational peak-periods and non-peak periods. The fleet conversion plan must be specific to the project location and surrounding need.
Category 3: Transportation System Management Projects	Eligible projects: Transportation System Management (TSM) projects shall include traffic signal interconnect projects, operational improvements and Traffic Operation Center projects in the metropolitan Bakersfield area.
Category 4: Discretionary Projects	Eligible projects: The Discretionary Projects Category may include projects such as dust mitigation reductions, non-motorized projects, safety / traffic flow projects, freight/goods movement projects, (Active) Transportation Demand Management, or TSM projects outside of the Metropolitan Bakersfield area that can demonstrate an air quality benefit to the non-attainment area.

Screening Criteria

Proposed CMAQ projects must meet all of the following screening requirements, where applicable. If a proposal meets all of the applicable criteria, it is eligible for prioritization; if not, it cannot be considered for funding.

- ☐ Project must be included in a local agency-adopted resolution stating financial support for the project.
- ☐ Project is eligible for CMAQ funding as defined by the latest federal transportation authorization bill and federal CMAQ Guidelines.
- ☐ Project applicant is either a public agency, i.e. city, county, special district, Caltrans, transit operator, transit authority, or a non-profit agency or group with the sponsorship of a public agency.
- ☐ Successful project applicants or their sponsors must have executed a master agreement with Caltrans in order to be authorized to expend funds for reimbursement under this program. Agencies without a master agreement will either need to obtain one or the sponsorship of an agency that does have one.
- ☐ Road projects must have a functional classification of urban collector, or major rural collectors or higher.

- ☐ CMAQ projects must demonstrate a tangible benefit to air quality. CMAQ funded projects are required to quantify or qualify their benefit as part of annual reporting requirements.
- ☐ The project must comply with the Americans with Disabilities Act (ADA) requirements.
- ☐ The project must be consistent with the currently approved Regional Transportation Plan.
- ☐ The applicant or their sponsor must have financial capacity to complete, operate and maintain the project.
- ☐ Funds required from other sources must reasonably expected to be available on the time frame needed to carry out the project.

Project Eligibility

The purpose of the CMAQ program is to fund transportation projects or programs that will improve safety, reduce congestion, and contribute to attainment of national ambient air quality standards with a focus on ozone, PM_{10}, and their precursors, and precursors of carbon dioxide (CO_2): $PM_{2.5}$; volatile organic compounds (VOC); nitrogen oxides (NOx); and Carbon Monoxide. The CMAQ Program Eligibility Listing has been refined to provide local governments with greater flexibility in choosing the types of projects that will provide the "greatest air quality benefits" for their regions in order to meet national goals and standard.

A state or MPO may obligate CMAQ funds apportioned to it only for a transportation project or program:

- If the DOT in consultation with the EPA determines that the project or program is likely to contribute to the attainment of a national ambient air quality standard; or
- If the project or program is included in a State Implementation Plan (SIP) that has been approved pursuant to the Clean Air Act and the project will have air quality benefits; or
- The project or program is likely to contribute to the attainment of a national ambient air quality standard, whether through reductions in vehicle miles traveled, fuel consumption, or through other factors.

☐ ***Transportation Activities***

Transportation activities from approved state SIPs for air quality should be given highest priority for CMAQ funding. The priority of CMAQ funded projects in the FTIP will be based on their air quality benefits.

☐ ***Transportation Control Measures***

The fundable TCMs below are included in Section 108(f)(1) of the Clean Air Act and meet the transportation conformity rule's definition of a TCM (included in approved SIP):

- Programs for improved public transit;
- Restriction of certain roads or lanes to, or construction of such roads or lanes for use by passenger buses or high occupancy vehicles;
- Employer-based transportation management plans, including incentives;
- Trip-reduction ordinances;
- Traffic flow improvement programs that achieve emission reductions;
- Fringe and transportation corridor parking facilities serving multiple occupancy vehicle programs or transit service;
- Programs to limit or restrict vehicle use in downtown areas or other areas of emission concentration particularly during periods of peak use;
- Programs for the provision of all forms of high-occupancy, shared-ride services;
- Programs to limit portions of road surfaces or certain sections of the metropolitan area to the use of non-motorized vehicles or pedestrian use, both as to time and place;
- Programs for secure bicycle storage facilities and other facilities, including bicycle lanes, for the convenience and protection of bicyclists, in both public and private areas;
- Programs to control extended idling of vehicles;
- Programs to reduce motor vehicle emissions, consistent with title II, which are caused by extreme cold start conditions;
- Employer-sponsored programs to permit flexible work schedules;
- Programs and ordinances to facilitate non-automobile travel, provision and utilization of mass transit, and to generally reduce the need for single-occupant vehicle travel, as part of transportation planning and development efforts of a locality, including programs and ordinances applicable to new shopping centers, special events, and other centers of vehicle activity;
- Programs for new construction and major reconstructions of paths, tracks or areas solely for the use by pedestrian or other non-motorized means of transportation when economically feasible and in the public interest; and
- Programs to encourage the voluntary removal from use and the marketplace of pre-1980 model year light duty vehicles and pre-1980 model light duty trucks.

☐ ***Bicycle & Pedestrian Facilities & Programs***

Construction of bicycle and pedestrian facilities, non-construction projects related to safe bicycle use, and State bicycle/pedestrian coordinator positions for promoting and facilitating the increased use of non-motorized modes of transportation. This includes public education, promotional, and safety programs for using such facilities.

☐ ***Management and Monitoring Systems***

Developing and establishing management systems for traffic congestion, public transportation facilities and equipment, and intermodal transportation facilities and systems, where it can be demonstrated that they are likely to contribute to the attainment of a National Ambient Air Quality Standard.

☐ ***Traffic Management / Congestion Relief Strategies***

Capital and operating costs for traffic monitoring, management, and control facilities and programs, where it can be demonstrated that they are likely to contribute to the attainment of a National Ambient Air Quality Standard. In addition to traffic signal modernization projects destined to improve traffic flow within a corridor or throughout an area, CMAQ funding can also be utilized to support Intelligent Transportation Infrastructure (ITI) Traffic Management and Traveler Information Systems that may include: Regional Multi modal Traveler Information Centers; Traffic Signal Control Systems; Freeway Management Systems; Traffic Management Systems; Incident Management Programs; and Electronic fare Payment/Toll collection Systems. CMAQ program funds may not replace existing local and State Funds used for operating cost, but are intended to augment and reinforce new efforts. Operating costs are eligible only for a period of 2 years from inception. Operating costs for these services are eligible under RSTP.

☐ ***Transit Projects***

Improved public transit is an eligible TCM. Transit improvements fall under three broad types of action: system/service expansion, operational improvements, and demand/market strategies. Emission reductions vary widely depending on project specifics as well as the existence of policies and actions that promote transit use, such as transit-supportive land use controls and single-occupant auto disincentives.

- **Transit facilities** - In general, capital costs of system/service expansion are eligible. Examples include new rail systems and extensions, new roadways or reserved lanes on existing roads for exclusive bus/HOV use, and capital costs of initiating commuter rail or ferry service. Enhancements such as new stations, new vehicles/equipment, terminals, transit malls, Intermodal transfer facilities, and track and signalization improvements are also eligible. If it is a reconstruction or rehabilitation project of an existing facility, it is not eligible. Park and ride facilities related to transit systems are eligible.

- **Transit vehicles and equipment** - One-for-one vehicle replacements of the existing bus or rail fleet are eligible because other new vehicles are generally more reliable, less polluting, and make transit a more attractive option. New buses are significantly cleaner than old with respect to PM10; thus justification is strong for using CMAQ funds for replacements in PM10 non-attainment areas like Kern County.

- **Transit associated development** - This includes various types of retail and other services located in or very close to transit facilities. They offer convenience for the transit patron but are not required for the functioning of the system. In general, transit-associated development is not eligible under the CMAQ Program. Child-care centers located adjacent to a major transit stop have been proposed in the past as beneficial to air quality. The type of use could now be funded as an experimental pilot project. Such type of uses could possibly help support mandated “Welfare to Work” Programs.

- **Transit Operations** - In limited cases, operating costs for new transit service are eligible. The main criterion is that it must be for new service, which supports a discrete, new project or program having documented air quality benefits. The funds cannot be used to replace existing funding sources or to further subsidize existing operations. Operating costs are eligible only for a 3-year start-up period. Examples of eligible costs include shuttle service feeding a station; circulator service within an activity center; fixed-route service linking activity center new transit service to a major employer in support of an employer trip reduction program; new bus service in a community that presently lacks adequate transit service; or new transit service initiated on a HOV facility. Service demonstrations will usually involve buses or vans since the service should be relatively low-cost and easily terminated if sufficient ridership is not achieved. In addition to operating assistance for new transit service, the CMAQ Guidance also allows partial short-term subsidies of transit/paratransit fares as a means of encouraging transit use. Proposals such as reduced fare programs during periods of elevated ozone levels (such as a spare the air day) and discounted transit passes targeted at specific groups or locations may now be eligible if these conditions are met.

☐ ***Planning and Project Development Activities***

Project planning or other development activities that lead directly to construction of facilities or new services and programs with air quality benefits. Such as preliminary engineering or major investment studies for transportation /air quality projects, are eligible. This includes studies for the preparation of environmental or NEPA documents and related transportation/air quality project development activities. Project development studies include planning directly related to an event that air quality monitoring is necessary to determine the air quality impacts of a proposed project, which is eligible for CMAQ funding, the costs of that monitoring are also eligible. General planning activities, such as economic or demographic studies, that do not directly propose or support a transportation/air quality project are too far removed from project development to ensure any emission reductions and are not eligible for funding. Regional or area-wide air quality monitoring is not eligible because such projects do not themselves yield air quality improvements nor do they lead directly to projects that would yield air quality benefits.

☐ ***Alternative Fuels***

In general, the conversion of individual, conventionally powered vehicles to alternative fuels is not eligible under CMAQ. However, the conversion of replacement of centrally fueled fleets to alternative fuels is eligible. The establishment of on-site fueling facilities and other infrastructure needed to fill alternative fueled vehicles are also eligible expenses. Although, if private filing stations are reasonably accessible and convenient, then CMAQ funds may not be used. Interference with private enterprise is to be avoided and services should not be needlessly duplicated.

☐ ***Telecommuting***

The CMAQ Program allows for the establishment of telecommuting programs. Planning, technical and feasibility studies, training, coordination, and promotion are eligible activities under CMAQ. Physical establishment of telecommuting centers, computer and office equipment purchases and related activities are not eligible. Such activities are not typically transportation projects and funding them would not meet current federal requirements.

☐ ***Travel Demand Management***

Travel demand management encompasses a diverse set of activities ranging from traditional car pool and vanpool programs to more innovative parking management and road pricing measures. Eligible activities include: market research and planning in support of TDM implementation; capital expenses required to implement TDM measures; operating assistance to administer and manage TDM programs for up to 3 years; as well as marketing and public education efforts to support and bolster TDM measures.

☐ ***Intermodal Freight***

CMAQ funds may be used for improved intermodal freight facilities where air quality benefits can be shown. Capital improvements as well as operating assistance meeting the conditions of this guidance are eligible. In that many intermodal freight facilities included private sector businesses, several of the proposals that have been funded nation-wide have been under public-private partnerships.

☐ ***Public/Private Initiatives***

SAFETEA-LU provides greater access to CMAQ funds for projects that cooperatively implemented by public/private partnerships and/or non-profit entities. Proposed projects no longer have to be under the primary control of the cooperating public agency as under ISTEA; although, it is still the responsibility of the public agency to oversee and protect the investment of the Federal funds used by the partnership. Eligible activities include the following: ownership or operation of land, facilities or other physical management or operational duties associated with a project; and any other form of privately owned vehicles and fleets using alternative fuels to the incremental vehicle cost over a conventionally-fueled vehicle. Activities that are the mandated responsibility of the private sector under the Clean Air Act, such as vapor recovery systems at gas stations, are not eligible for CMAQ funding. Implementation of employer trip reduction programs is also a private responsibility, but general program assistance to employers to help them plan and promote these programs is eligible.

☐ ***PM-10 Activities***

Projects and programs that reduce transportation generated PM10 emissions are eligible for CMAQ funding. Specifically projects qualifying as “control strategies” identified in the Air

District's PM10 Attainment Plan including the following: paving shoulders, shoulder stabilization, paving or stabilizing unpaved roads, and curbing.

☐ ***Outreach Activities***

Outreach activities, such as public education on transportation and air quality, advertising of transportation alternatives to Single Occupancy Vehicle (SOV) travel, and technical assistance to employers or other outreach activities for Employee Commute Option program implementation are eligible for CMAQ funding. The previous policy limiting CMAQ funding for only a two-year period has been eliminated. Now, outreach activities may be funded under the CMAQ program for an indefinite period. Outreach activities may be employed for a wide variety of transportation services. They may equally affect new and existing transit, shared ride, traffic management and control, bicycle and pedestrian, and other transportation services.

☐ ***Rideshare Programs***

Rideshare services consist of carpool and vanpool programs; important activities may include computer matching of individuals seeking to vanpool and employer outreach to establish rideshare programs. New or expanded rideshare programs, such as new locations for matching services, upgrades for computer matching software, etc. continue to be eligible and may be funded for an indefinite period of time. Vanpool programs are different from carpooling programs. Implementation of a vanpool operation entails purchasing vehicles and providing a transportation service. Proposals for vanpool activities must be for new or expanded service, subject to the 3-year limitation on operation costs.

☐ ***Establishing/Contracting with TMA's***

Transportation Management Associations (TMA's) are comprised of private individuals or firms who organize to address the transportation issues in their immediate locale. Such Associations are currently eligible for CMAQ funding. Eligible expenses for reimbursement are associated start-up costs for up to 3 years. CMAQ requires that the TMA's must be sponsored by a public agency, and the State is responsible for insuring that funds are appropriately used to meeting CMAQ program objectives. The TMA's may play a role in brokering transportation services to private employers--such as: coordinating rideshare programs, provided shuttle services, and developing parking management programs, etc. Applications of these programs must specify program goals and deliverables.

☐ ***Inspection/Maintenance Activities***

Emission Inspection/Maintenance (I/M) programs are eligible activities under CMAQ. I/M program funds can be provided for publicly owner I/M facilities-or at privately owned stations where a "public-private partnership" is created. Start-up costs and three years of operating expenses are eligible for CMAQ funds. The establishment of "portable" I/M programs is also

eligible under the CMAQ program, provided that they are public services, contribute to emission reductions and do not conflict with statutory I/M requirements.

☐ **Experimental Pilot Projects/Innovative Financing**

States and local areas have long experimented with various types of transportation services, and different means of employing them in an effort to better meet the travel needs of their constituents. These "experimental" projects may not meet the precise eligibility criteria for Federal and State funding programs, but they may show promise in meeting the intended public purpose of those programs in an innovative way. The CMAQ provisions of TEA-21 allow experimentation provided that the project or program can reasonably be defined as a "transportation" project and that emission reductions can reasonably be expected "though reductions in vehicle miles traveled, fuel consumption, or through other factors."

☐ ***Fare/Fee Subsidy Program***

The CMAQ Program allows funding for partial user fare or fee subsidies in order to encourage greater use of alternative travel modes (e.g. carpool, vanpool, transit, bicycling and walking). CMAQ funds can be used to subsidize fares or fees if the reduced fare/fee is offered as a component of a comprehensive, targeted program to reduce SOV use. Other components of such a program would include public information and marketing of non-SOV alternatives, parking management measures, and better coordination of existing transportation services. The intent of federal policy on this is to focus on situations where alternative transportation modes are viable, but nonetheless, heavy reliance on single-occupant vehicles exists, such as at major employment or activity centers. Examples of fare-fee subsidy programs include the following: 1) discount transit fare through a cooperative arrangement between a transit operator and a major employer; 2) subsidize empty seats during the formation of a new vanpool; 3) reduce fees for shuttle services within a defined area, such as a flat-fare taxi program; or 4) provide financial incentives for carpooling, bicycling and walking in conjunction with a demand management program. An underlying tenet of this provision is to support experimentation but always with the goal of identifying projects that are viable without the short-term funding assistance provided by the CMAQ program. Thus, the subsidy must be used in conjunction with reasonable fares or fees to allow the greatest change of holding on the "trial" users. While the fare/fee subsidy program itself is not limited in time, specific groups or locals targeted under the program must be rotated and the subsidized fare/fee must be limited to any one entity or location.

☐ ***Other Eligible Activities***

Innovative activities based on promising technologies and feasible approaches to improve air quality will also be considered for funding. This includes such ventures as new efforts to identify and prove the emissions of gross emitters, vanpooling programs, planning and development of parking management program, and preferential treatment for high-occupancy vehicles.

The eligible activities listed above are subject to federal interpretation and the latest CMAQ Guidance.

Non-Eligible Projects

- General planning activities, even for conformity of implementation plan revisions, are not eligible for CMAQ funding.
- Routine maintenance projects are ineligible. Routine maintenance and rehabilitation on existing facilities maintains the existing levels of highway and transit service and, therefore, maintains existing ambient air quality levels rather than improving them.
- Funding for a project that will result in the construction of new capacity available to single-occupant vehicles unless the project consists of a high-occupancy vehicle facility available to single-occupant vehicles only at other than peak travel times.
- Planning activities/modal enhancements required for conformity findings.
- Preparation of Transportation Improvement Programs and plan development.
- Air quality monitoring systems.
- The use of funds for non-governmental partnerships on projects required under the Clean Air Act, the Energy Policy Act, or other federal laws.

Ranking Criteria and Point System

CMAQ projects must first meet federal requirements, such as be on an eligible route, be an eligible type of project and, finally, meet air quality standards. CMAQ funds can be used for transit capital improvements, for high occupancy vehicle lanes, and to alleviate PM_{10}. CMAQ funds may not be used for highway maintenance, transit-operating expenses or for capacity increasing lanes available to single occupancy vehicles. Having met the above standards, the KCOG criteria for selecting CMAQ projects are listed in Figure 5-F (page 5-15) and Figure 5-G (page 5-16). Please note the criteria will not apply to all project types. For example, the safety criteria will not apply to most transit projects because the scoring is based on road safety data. This difference in total possible points between project types is resolved by having projects compete separately within Programming Categories presented in Figure B on page 5-4.

The air quality maps in Figures 5-C, 5-D, and 5-E on the next two pages are included to guide applicants in determining project eligibility, and to identify the air district for each project for scoring purposes.

Figure 5-C: Air Pollution Control Districts in the Kern Region

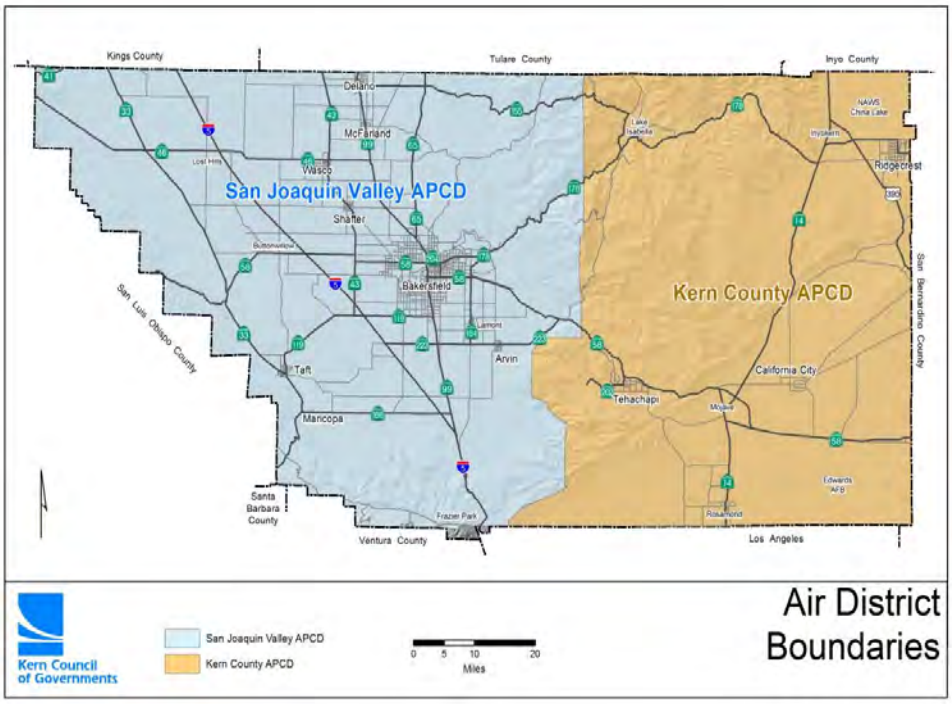


Figure 5-D: Ozone/Carbon Monoxide Planning Areas

Figure 2 – Ozone/Carbon Monoxide Planning Areas

Figure 5-E: Particulate Matter Planning Areas

Figure 3 – Particulate Matter Planning Areas

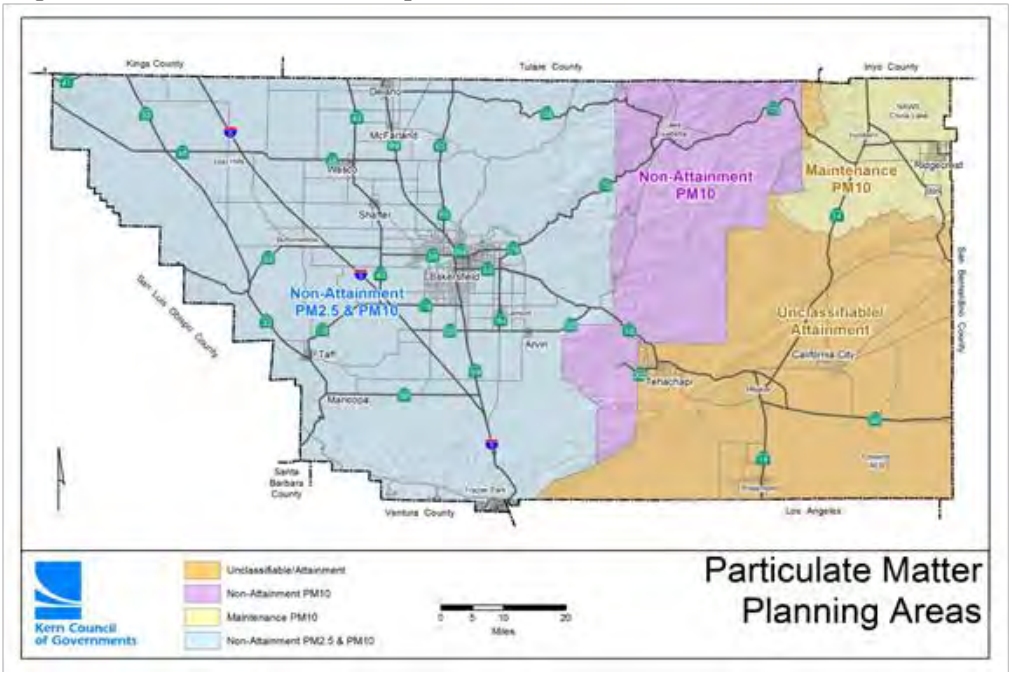


Figure 5-F: Ranking Criteria and Point System Summary

Screening Criteria	YES / NO
Does the proposed project meet all of the CMAQ screening criteria listed on Page 5-5 of the KCOG Project Delivery Policies and Procedures manual?	*The project is not eligible if the answer is no.*
General Criteria	**100**
VMT Reduction*	15
Emissions Reduction*	25
BACM/RACM?*	5
Livability and Safety*	15
Congestion (LOS)*	25
Cost-Effectiveness	15
	Max 100 Points

Note: Projects compete separately within each of the four categories based on project type.
*KCOG SCS framework-related metrics.

LEVERAGING OF LOCAL MATCH

KCOG staff shall note whether a project has included local match which exceeds the statutory requirement of 11.47% in most cases. Projects which indicate a 50% match or higher and less than 75% shall be considered only in the case of a tie-breaker situation during the financial constraint process in which two like projects also have the same number of points. Projects that demonstration a local match of 75% or higher shall be awarded an extra 5 points for their project and will compete as normal. Again, if the project that is awarded the extra points ties with another project that does not have the extra match the project with the extra match will be selected. KCOG staff shall apply this option at their discretion during the financial constraint process.

Figure 5-G: CMAQ Performance Measures and Ranking Criteria Detail

General Criteria	
VMT Reduction Estimate the reduction in vehicle miles traveled (VMT) using the program titled "Methods to Find the Cost Effectiveness of Funding Air Quality Projects", General Methods Program (Microsoft Access), from the California Air Resources Board in Cooperation with Caltrans and CAPCOA, available at http://www.arb.ca.gov/planning/tsaq/eval/eval.htm, or the updated version. Note: projects are ranked relative to all other projects competing for funds.	
Ranking Criteria (projects are ranked relative to all other projects competing for funds)	Points
Top 1/3rd (68% - 100%) of projects with the highest VMT reduction	15
Middle 1/3rd (34% - 67%) of projects with mid-range VMT reduction	12
Bottom 1/3rd (1% - 33%) of projects with the lowest VMT reduction	8
No reduction	0

Emissions Reduction

Estimate the reduction in emissions using the program titled "Methods to Find the Cost Effectiveness of Funding Air Quality Projects", General Methods Program (Microsoft Access), from the California Air Resources Board in Cooperation with Caltrans and CAPCOA, available at http://www.arb.ca.gov/planning/tsaq/eval/eval.htm, or the updated version. Kern COG staff shall be consulted prior the application deadline to determine is an alternative analysis program or formula should be used outside the Air Resources Board air quality emission calculation tools. Otherwise all applications are expected to use the appropriate ARB calculator / formulas. Note: projects are ranked relative to all other projects competing for funds.

Emissions Reduction Ranking Criteria[1]				
Pollutant (kg/yr)	**San Joaquin Valley Air Basin[2]**	**Kern River Valley Air Basin[3]**	**Mojave Air Basin[4]**	**Indian Wells Valley Air Basin[5]**
PM_{10}	Top 90% - 100% = 8 Top 80% - 89% = 7 Top 70% - 79% = 5 Top 60% - 69% = 3 Top 50% - 59% = 2	Top 90% - 100% = 8 Top 80% - 89% = 7 Top 70% - 79% = 5 Top 60% - 69% = 3 Top 50% - 59% = 2	Top 90% - 100% = 8 Top 80% - 89% = 7 Top 70% - 79% = 5 Top 60% - 69% = 3 Top 50% - 59% = 2	Top 90% - 100% = 8 Top 80% - 89% = 7 Top 70% - 79% = 5 Top 60% - 69% = 3 Top 50% - 59% = 2
VOC (Ozone)	Top 90% - 100% = 7 Top 80% - 89% = 5 Top 70% - 79% = 3 Top 60% - 69% = 2	Top 90% - 100% = 7 Top 80% - 89% = 5 Top 70% - 79% = 3 Top 60% - 69% = 2	Top 90% - 100% = 7 Top 80% - 89% = 5 Top 70% - 79% = 3 Top 60% - 69% = 2	
NO_X (Ozone)	Top 90% - 100% = 5 Top 80% - 89% = 3 Top 70% - 79% = 2	Top 90% - 100% = 5 Top 80% - 89% = 3 Top 70% - 79% = 2	Top 90% - 100% = 5 Top 80% - 89% = 3 Top 70% - 79% = 2	
$PM_{2.5}$	Any reduction = 3			
CO	Any reduction = 2[6]			
	Max Points = 25	Max Points = 20	Max Points = 20	Max Points = 8

[1] Note: Project eligibility is ultimately determined by FHWA through Caltrans Local Assistance when the project sponsor submits the Request for Authorization (E-76) to Caltrans to obligate the CMAQ funds. When CMAQ guidelines under MAP-21 are available, the KCOG CMAQ project selection process will be reviewed and updated as required.

[2] Classified non-attainment for four pollutants (PM_{10}, Ozone, PM2.5 & CO).

[3] Classified non-attainment for two pollutants (PM10, Ozone).

[4] Classified non-attainment for one pollutant (Ozone).

[5] Classified maintenance for one pollutant (PM_{10}).

[6] Only applies to projects within the Bakersfield Metropolitan Area.

Livability and Safety

Livability - Describe whether and how the project provides the four listed Livability benefits; provide no more than a half page response for each benefit: (1) Will enhance or reduce the average cost of user mobility through the creation of more convenient transportation options for travelers; (2) Will improve existing transportation choices by enhancing points of modal connectivity, increasing the number of modes accommodated on existing assets, or reducing congestion on existing modal assets; (3) Will improve travel between residential areas and commercial centers and jobs; (4) Will improve accessibility and transportation services for economically disadvantaged populations, non-drivers, senior citizens, and persons with disabilities, or make goods, commodities, and services more readily available to these groups.

Safety - Provide: (a) Existing and After project accident & fatality rates (accidents/millions of vehicle miles (MVM); fatalities/MVM) for the road segment within the project limits using three years of accident data, and (b) the statewide average accident and fatality rate for a similar facility (from Caltrans TASAS database or local agency accident database). Instructions for obtaining project accident and fatality rates are available on pages B-21 and B-22 of Appendix B. Answer the following two questions (5) and (6) based on the calculated values for accident rates and fatality rates as described above in items (a) and (b).

(5) Is the existing Accident Rate higher than the average rate for a similar facility, and does the project reduce the Accident Rate to the average rate or lower? Yes or No

(6) Is the existing Fatality Rate higher than the average rate for a similar facility, and does the project reduce the Fatality Rate to the average rate or lower? Yes or No

Ranking Criteria	Points
Project provides five of the six listed Livability or Safety benefits	15
Project provides three of the six listed Livability or Safety benefits	10
Project provides two of the six listed Livability or Safety benefits	5
Project provides one of the six listed Livability or Safety benefits	1

Congestion Relief

Provide peak period Level of Service (LOS) for intersection(s) and/or road segments within the project limits for existing conditions (Before LOS) and estimated LOS after project completion (After LOS). If applicable, provide Bikeway and/or Pedestrian LOS. If LOS varies within the project limits, provide a weighted average. LOS should be calculated using methods consistent with the Highway Capacity Manual available at http://www.trb.org/Main/Blurbs/164718.aspx. Ranking criteria is summarized in the tables below.

Highways

(where bicycles and pedestrians are prohibited)

Points are awarded to projects based on the change in LOS before and after project completion using the table below.

		After LOS Hwy					
		A	**B**	**C**	**D**	**E**	**F**
Before LOS Hwy	**A**	0	0	0	0	0	0
	B	**5**	0	0	0	0	0
	C	**10**	**5**	0	0	0	0
	D	**15**	**10**	**5**	0	0	0
	E	**20**	**15**	**10**	**5**	0	0
	F	**25**	**20**	**15**	**10**	**5**	0

Max Points = 25

OR

(Next page)

Highways & Bicycle Lanes

(when bicycles are allowed on the highway but pedestrians are prohibited)

Points are awarded to projects based on the change in LOS before and after project completion using the two tables below for highway and bikeway facilities.

		After LOS Hwy					
		A	B	C	D	E	F
Before LOS Hwy	A	0	0	0	0	0	0
	B	4	0	0	0	0	0
	C	8	4	0	0	0	0
	D	12	8	4	0	0	0
	E	16	12	8	4	0	0
	F	20	16	12	8	4	0

Plus Bikeway LOS:

		After LOS Bikeway					
		A	B	C	D	E	F
Before LOS Bikeway	A	0	0	0	0	0	0
	B	1	0	0	0	0	0
	C	2	1	0	0	0	0
	D	3	2	1	0	0	0
	E	4	3	2	1	0	0
	F	5	4	3	2	1	0

Max Points Highway LOS (20 Points) + Bikeway LOS (5 Points) = 25

OR

(Next page)

Highways, Bicycle Lanes and Pedestrian Facilities
(when bicycles and pedestrians are allowed on the highway)

Points are awarded to projects based on the change in LOS before and after project completion using the three tables below for highway, bikeway and pedestrian facilities respectively.

Before LOS Hwy	After LOS Hwy A	B	C	D	E	F
A	0	0	0	0	0	0
B	3	0	0	0	0	0
C	6	3	0	0	0	0
D	9	6	3	0	0	0
E	12	9	6	3	0	0
F	15	12	9	6	3	0

Plus Bikeway LOS:

Before LOS Bikeway	After LOS Bikeway A	B	C	D	E	F
A	0	0	0	0	0	0
B	1	0	0	0	0	0
C	2	1	0	0	0	0
D	3	2	1	0	0	0
E	4	3	2	1	0	0
F	5	4	3	2	1	0

Plus Pedestrian LOS:

Before LOS Pedestrian	After LOS Pedestrian A	B	C	D	E	F
A	0	0	0	0	0	0
B	1	0	0	0	0	0
C	2	1	0	0	0	0
D	3	2	1	0	0	0
E	4	3	2	1	0	0
F	5	4	3	2	1	0

Max Points Highway LOS (15 Points) + Bikeway LOS (5 Points) + Pedestrian LOS (5 Points) = 25

Cost-Effectiveness

Calculate cost-effectiveness using the program titled "Methods to Find the Cost Effectiveness of Funding Air Quality Projects", General Methods Program (Microsoft Access), from the California Air Resources Board in Cooperation with Caltrans and CAPCOA, available at http://www.arb.ca.gov/planning/tsaq/eval/eval.htm, or the updated version.

Ranking Criteria	Points
Project does not exceed the Cost-Effectiveness Threshold	15
Project exceeds the Cost-Effectiveness Threshold by not more than 50%	10
Project exceeds the Cost-Effectiveness Threshold by not more than 100%	5

RACM/BACM

Is the project identified as a RACM/BACM?

Ranking Criteria	Points
Yes	5
No	0

CMAQ: LOCAL COST- EFFECTIVENESS POLICY

The following three pages present the local cost-effectiveness policy adopted by Kern COG in September 2007.

Summary

The Congestion Mitigation and Air Quality (CMAQ) program provides funding for transportation projects or programs that will contribute to attainment or maintenance of the national ambient air quality standards. The CMAQ program supports two important goals of the Department of Transportation: improving air quality and relieving congestion. SAFETEA-LU strengthens these goals by establishing priority consideration for cost-effective emission reduction and congestion mitigation activities. Exhibit A provides a summary of the policy for distributing at least 20% of the CMAQ funds to projects that meet a minimum cost-effectiveness threshold for emission reduction beginning in FY 2011. This policy will focus on achieving the most cost-effective emission reductions, while maintaining flexibility to meet local needs.

Estimates of Available Funds

Caltrans Programming provides apportionment estimates to all regions of the state. The FTIP is currently developed for a four-year programming cycle; with each new FTIP document, Kern COG will use the Caltrans estimate to develop the available CMAQ funds over the four-year period. Kern COG commits to dedicate at least 20% (or insert larger percentage, if appropriate) of the total funding for the four-year period of each FTIP as part of the local cost-effectiveness CMAQ policy. For example, if an agency were estimated to receive $20 million over a four-year period, it would allocate 20%, or $4 million, of the CMAQ program to projects that meet a minimum cost-effectiveness.

The CMAQ allocation formula is currently based on population, ozone status, and carbon monoxide status. Revisions to the formula or updates to estimates may result in changes to available funds for the Kern COG CMAQ program; such updates will also affect the funds available for the local cost-effectiveness policy. CMAQ estimates may be revised at any time due to changes from Caltrans, Federal legislation, or classification of the air quality standards in the San Joaquin Valley.

Timeframe

The local cost-effectiveness CMAQ policy is scheduled to be implemented in FY 2011 because the current federally approved 2007 Federal Transportation Improvements Programs (FTIPs) have committed CMAQ funds through FY 2009 and in some cases, regional commitments through FY 2010. In addition, the current CMAQ programming assists in implementing approved local RACM (Amended 2003 PM-10 Plan) that are committed through 2010.

The San Joaquin Valley Air Basin is currently classified as a serious ozone non-attainment area with an attainment deadline of 2013. As part of the 2007 Ozone plan, the Air District is requesting an "extreme" classification, which would delay the attainment deadline until 2023. If approved and assuming no change to the current funding formula, the MPOs may continue to receive CMAQ funding through that time (2023). The local cost-effectiveness CMAQ policy may remain in effect through 2023; however, continuation of the policy will be reviewed on a regular basis per the Policy Review section below.

Local Allocation of Funds

The Federal Highway Administration (FHWA) released new CMAQ guidance based on SAFETEA-LU on October 31, 2006. The new legislation and guidance clarifies project eligibility, including advanced truck stop electrification systems and the purchase of diesel retrofits. SAFETEA-LU directs States and MPOs to give priority to diesel retrofits and to use cost-effective congestion mitigation activities that provide air quality benefits. Though SAFETEA-LU establishes these investment priorities, it also retains State and local agencies' authority in project selection, meaning that changes to local procedures are not required by SAFETEA-LU. Kern COG has previously developed procedures for allocating CMAQ funds; the local cost-effectiveness CMAQ policy will be incorporated into existing procedures. Prioritization and funding of projects will continue to be based on criteria developed by Kern COG.

Cost-Effectiveness Threshold

Cost-effectiveness is a key component of providing funding to projects that improve air quality and reduce congestion. The cost-effectiveness of an air quality project is based on the amount of pollution it eliminates for each dollar spent. Policies that focus on cost-effectiveness will result in the largest emission reductions for the lowest cost. Cost-effectiveness can be based on total project costs, including capital investments and operating costs. However, for the purposes of this policy, cost-effectiveness is based on CMAQ funding dollars only.

In the state of California, the Air Resources Board (ARB) provides funding for air quality improvement projects through the Carl Moyer Program, which requires that heavy-duty vehicle projects meet a cost-effectiveness threshold. The San Joaquin Valley Air Pollution Control District (SJVAPCD) also uses cost-effectiveness thresholds for projects funded through the REMOVE II and Heavy-duty Incentive Programs. However, there is currently no minimum cost-effectiveness established for the CMAQ program, and according to recent studies, the numbers vary widely across the country and by project type.

Prior to allocation of CMAQ funds for the local cost-effectiveness policy with each FTIP, the SJV MPOs in consultation with the interagency consultation (IAC) partners will develop the minimum cost-effectiveness threshold. While other criteria may be developed at the discretion of Kern

Council of Governments, all projects funded by the 20% of CMAQ dollars related to the local cost-effectiveness CMAQ policy must meet that minimum threshold.

Expenditure of Funds under the Local Cost-Effectiveness Policy

Kern COG will make every effort to expend the minimum 20% funding for the cost-effective projects as soon as possible beginning in FY 2011. However, recognizing that there are additional issues related to project delivery and financial constraint, Kern COG will be allowed to meet the 20% funding over the course of the FTIP, beginning with the 2008 FTIP and each new FTIP thereafter. For example, if the four-year estimate is $4 million in one year, or other combination of funding.

Project eligibility will continue to be based on federal CMAQ guidance. MPOs can continue to fund projects within the local jurisdictions, or contribute funding to the SJVAPCD air quality grant incentive programs to meet their cost-effectiveness threshold requirements.

Emissions Estimates

CMAQ projects must demonstrate an air quality benefit, and the expected emissions reductions will continue to be estimated with the most recent methodology. As of 2007, the ARB "Methods to Find the Cost-Effectiveness of Funding Air Quality Projects" released in 2005 is the appropriate methodology. If necessary, interagency consultation will be used to reach agreement on the methodology for future estimates. Emission benefits and cost-effectiveness calculations will continue to be based on the applicable pollutants for the region, including nitrogen oxides (NOx), volatile organic compounds (VOC), particulate matter (PM) and carbon monoxide (CO).

Reporting Requirements

Tracking of the CMAQ policy will be achieved through several methods. MPOs must develop annual reports for Caltrans and FHWA that specify how CMAQ funds have been spent and the expected air quality benefits. This report is due by the first day of February following the end of the previous Federal fiscal year (September 30) and covers all CMAQ obligations for that fiscal year. As has been the practice of several MPOs, a copy of the CMAQ annual report will also be submitted to the Air District for information purposes. Each MPO will also post information related to the implementation of the local cost-effectiveness CMAQ policy on its website.

Policy Review

Due to changes in project costs and technology over time, the MPOs will revisit the minimum cost-effectiveness threshold, as well as policy feasibility, at least once every four years prior to FTIP development. A periodic review of the policy is necessary due to potential changes in federal transportation legislation, apportionments, and project eligibility. This policy will only affect 20% of the allocated federal CMAQ funds, and does not imply changes to other funding programs.

Should future transportation legislation not include CMAQ funding, this policy will no longer be in effect.

Example Schedule

The following is an example schedule of the policy implementation and updates. This information is only representative of the general approach and specific schedules will be developed in the future (annual reports will continue to be prepared and submitted as required).

Example Schedule	
Summer 2008	Develop cost-effectiveness threshold through interagency consultation
Fall 2008	Identify funding available in the 2008 FTIP related to the 20% local cost-effectiveness policy
Spring 2009	Implement call for projects – Quantify, rank, and select CMAQ projects
Summer 2009	Approve Amendment to 2008 FTIP
Summer 2011	Review policy feasibility. If policy is continued, proceed with following steps. Update cost-effectiveness threshold through interagency consultation
Fall 2011	Identify funding available in the 2012 FTIP related to the 20% local cost-effectiveness policy
Spring 2012	Implement call for projects – Quantify, rank, and select CMAQ projects
Summer 2012	Approve 2012 FTIP

Kern Council of Governments

XI.
TTAC

March 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Rochelle Invina-Jayasiri, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XI.
DISCUSSION ON TELECONFERENCING OPTIONS FOR VOTING MEMBERS

DESCRIPTION:
Report on the Kern COG Board decision on teleconferencing options for voting members.

DISCUSSION:
On September 16, 2021, Governor Gavin Newsom signed into law Assembly Bill (AB) 361 which authorizes a local agency to use teleconferencing without complying with the teleconferencing requirements imposed by the Ralph M. Brown Act when a legislative body holds a meeting during a declared state of emergency or when state or local health officials have imposed or recommended measures to promote social distancing, and during a proclaimed state of emergency when the legislative body has determined that meeting in person would present imminent risks to the health or safety of attendees. AB 361 is in effect till January 1, 2024.

During the Kern COG Board Meeting on January 19, 2023, County Counsel stated Governor Newsom will lift AB 361 at the end of February 2023, and an amended Ralph M. Brown Act will be in effect under AB 2449. Please see attached County Counsel memorandum regarding the Brown Act teleconferencing options. During their February 16, 2023 Kern COG Board meeting, the Board members reviewed the options and made a decision to revert back to the “classic” Brown Act rules on teleconferencing:

Section 54953(b)(3) teleconferencing

- Agenda posted at all teleconference locations
- Agenda must list all teleconference locations
- All teleconference locations accessible to the public
- At least a quorum must participate from locations within geographical boundaries of the local agency’s jurisdiction.
- All votes must be roll call votes

In addition, the Board Members stated all Kern COG committees and subcommittees will follow the same teleconferencing requirements as listed above, and teleconferencing options will continue to be made available for Kern COG staff and public. If committee members choose to teleconference for a committee meeting, their location must be posted on the Agenda in advance; otherwise, their vote will not be counted for that meeting. Provide staff 10-day advance notice of attending remotely.

Attachments: Office of County Counsel, County of Kern Memorandum

ACTION: Information.

OFFICE OF COUNTY COUNSEL
COUNTY OF KERN
MEMORANDUM

Margo A. Raison
County Counsel

Brian Van Wyk
Deputy

CONFIDENTIAL
Attorney-Client Privileged

TO: Members, Kern Council of Governments

FROM: Office of County Counsel
By: Brian Van Wyk, Deputy County Counsel

DATE: January 19, 2023

SUBJECT: Brown Act teleconferencing options

The Brown Act generally requires that meetings of the governing bodies of local public agencies be held open to the public with the location on the agenda at least 72 hours before the meeting. However, the Brown Act also provides 3 different ways that meetings can be held remotely via teleconferencing.

1. Section 54953(b)(3) teleconferencing

- Agenda posted at all teleconference locations
- Agenda must list all teleconference locations
- All teleconference locations accessible to the public
- At least a quorum must participate from locations within geographical boundaries of the local agency's jurisdiction.
- All votes must be roll call votes

2. Section 54953(e) teleconferencing (AB 361) (sunsets January 1, 2024)

- There must be an active proclaimed state of emergency.
- One of the following must be true:
  - State or local officials have recommended or required social distancing
  - The body is meeting to determine whether it is safe to meet in person
  - The body has determined by majority vote that meeting in person is unsafe
- The agency must make available technological means for participation by the public either by call in or an internet-based service described in the agenda.

- In the event of a technological service disruption, the body shall take no action until public access is restored.
- The body must make findings relating to the need to meet remotely.
- There is no need to provide a physical location for public attendance.
- All votes must be roll call votes.

3. Section 54953(f) teleconferencing (AB 2449) (Sunsets January 1, 2026)

- At least a quorum of the members of the body participate in person from a singular physical location clearly identified on the agenda that is held open to the public and situated within the boundaries of the agency's jurisdiction.
- There must be a two-way audiovisual technological means of remote access for the public described in the agenda.
- A member who wants to appear remotely must:
  - Show either:
    - good cause to appear remotely (e.g., childcare, elder care, illness, disability, travel related to official business of a public agency), provided that this may only be used 2 times per year.
    - A physical or family medical emergency preventing the member from attending in person.
  - notify the agency as soon as possible
  - participate through both audio and visual technology
  - disclose whether anyone over 18 is present with them at the remote location, and state their relationship to the member.
- The body must approve the remote appearance as an agenda item, or as a non-agenda item if time does not allow it to be agendized properly.
- Any particular member of the legislative body may not use AB 2449 teleconferencing for more than:
  - 3 consecutive meetings
  - 20% of the regular meetings for the local agency within a calendar year,
  - 2 meetings if the legislative body regularly meets fewer than 10 times per calendar year.[1]
- All votes must be roll call votes.

[1] Government Code section 54953(f)(3) states: "this subdivision shall not serve as a means for any member of a legislative body to participate in meetings of the legislative body solely by teleconference from a remote location for a period of more than three consecutive months or 20 percent of the regular meetings for the local agency within a calendar year, or more than two meetings if the legislative body regularly meets fewer than 10 times per calendar year." It is ambiguous as to whether the restriction applies to any *particular* member or any member *at all* from utilizing its provisions. However, after a further review of the statute and legislative history, it appears that context more likely supporters the former reading than the latter, and thus my revised recommendation would be to apply this restriction to any *particular* member of the legislative body.

You have asked whether an agency could use multiple options. An agency could in theory use multiple options; however because each option has specific requirements, doing so could be difficult. For example, under the first option, members could participate from various locations held open to the public, but under the third option, at least a quorum must participate from one single public location.

You have asked whether staff or alternates attending other than as a voting board member could attend remotely without compliance with the above procedures. In general, yes, they could do so, however, it would require that the agency determine in advance the methods it would use to provide both public access and participation and staff access and participation.

You have asked whether the agency is required to allow teleconferencing. An agency is generally not required to allow teleconferencing by either its board members or by the public. There are many valid reasons why it may choose one way or the other.

Please contact me if you have any other questions.

Kern Council of Governments

XII.
TTAC

March 1, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Irene Enriquez, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XII.
FY 2023-24 KERN REGION ESTIMATED LOW CARBON TRANSIT OPERATORS PROGRAM (LCTOP) CALL FOR PROJECTS

DESCRIPTION:

Pursuant to Health and Safety Code Section 39719, the Controller shall allocate the Greenhouse Gas Reduction Fund according to the requirements of the Low Carbon Transit Operations Program (LCTOP). The Kern Region is estimated to receive a total (To be determined at a later date).

DISCUSSION:

Kern COG staff will receive an apportionment estimate from Caltrans staff for the Kern Region for the Low Carbon Transit Operations Program (LCTOP). Caltrans will administer the LCTOP funding program in two accounts: 99313 (Kern COG Regional) and 99314 (Agency only) similar to the Proposition 1B program. The hard deadline to receive LCTOP allocation requests from member agencies and a Kern COG Board adopted a program of projects is estimated to be **April 2023**.

Expenditures Eligible for funding

Funding for the program shall be expended to provide transit operating or capital assistance that meet all of the following criteria:

1. Expenditures supporting new expanded bus or rail services, or expanded intermodal transit facilities, and may include equipment acquisition, fueling, and maintenance, and other costs to operate those services or facilities.

2. The recipient transit agency demonstrates that each expenditure directly enhances or expands transit service to increase mode share.

3. The recipient transit agency demonstrates that each expenditure reduces greenhouse gas emissions.

Example of Eligible Projects

Expand transit services:

1. Implement bus rapid transit (for new routes or expansion of existing routes).

2. Increase service (extend transit routes, increase the frequency of service, and extend service hours).

3. Free or reduced-fare transit passes/vouchers.

4. Increase capacity on routes nearing capacity (add more buses, or rail cars to existing routes).

5. Purchase zero-emission or hybrid vehicles and equipment (e.g. buses, railcars, auxiliary electrical power units).

6. Expanded intermodal transit facilities.

7. Install new transit stops/stations that connect to bike/pedestrian paths.

8. Upgrade transit vehicles to support active transportation and encourage ridership (e.g., bicycle racks on buses; bicycle storage on rail cars).

Since the SCO has not finalized the apportionment of these monies for use in the fiscal year 2023-24, Kern COG staff suggests the following project timeline:

Present the FY 2022-23 SCO call for projects to the Transportation Technical Advisory Committee (TTAC) members at the **March 1, 2023**, meeting. The 2023-24 SCO Program of Projects will be presented to TTAC members once the SCO has released final apportionment funds.

Presentation and adoption of the Kern COG FY 2023-24 LCTOP POP and submittal of the member agencies allocation request **March 3, 2023 (to ensure making the March 16, 2023 Transportation Planning Policy Committee Agenda)**.

All FY 2023-24 LCTOP completed project applications (with supporting documents) are due to Caltrans LCTOP staff before March 24, 2023.

Should you have any questions or require additional information, please contact Irene Enriquez, Regional Planner at **(661) 635-2918** or E-mail at ienriquez@kerncog.org.

ACTION: Information.

AGENDA
KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

WEDNESDAY, APRIL 5, 2023 AT 10:00 A.M.

PRIMARY MEETING LOCATION:
Kern Council of Governments, Board Room
1401 19th Street, Suite 300
Bakersfield, CA 93301

SECONDARY MEETING LOCATIONS (Teleconference):
City of McFarland Public Works Office
401 W. Kern Ave
McFarland, CA 93250

Palos Verdes Terrace Apartments
5762 Ravenspur Dr
Rancho Palos Verdes, CA 90272

Arvin City Hall
200 Campus Drive
Arvin, CA 93203

TTAC GoToMeeting Information (Teleconference):
https://www.gotomeet.me/KernCOG/ttacmeeting
Dial +1 (786) 535-3211
Access Code: 269-963-557
New to GoToMeeting? Get the app now and be ready when your first meeting starts:
https://global.gotomeeting.com/install/269963557

I. ROLL CALL:

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. APPROVAL OF DISCUSSION SUMMARY:

a. Minutes from meeting of March 1, 2023; ROLL CALL VOTE.

IV. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST (Snoddy)

Comment: The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

Action: Information.

V. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM (Pacheco)

Comment: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission in December of the same odd-numbered year for their later approval early the following year.

Action: Information.

VI. CMAQ FUNDING REQUEST (Pacheco)

Comment: Kern COG staff received a request for Congestion Mitigation Air Quality (CMAQ) Program funds. Kern COG staff has reviewed options for the CMAQ funding available.

Action: Request for Transportation Technical Advisory Committee recommendation to the Transportation Planning Policy Committee. ROLL CALL VOTE

VII. FY 2022-23 KERN REGION ESTIMATED LOW CARBON TRANSIT OPERATIONS PROGRAM (LCTOP) CALL FOR PROJECTS $2,369,913 (Enriquez)

Comment: Annual Caltrans funding is available for transit expansion projects that reduce greenhouse gas emissions for a very limited time through Low Carbon Transit Operations Program (LCTOP). The region is estimated to receive a total of $2,369,913. Member agencies eligible for LCTOP funds were e-mailed the regional apportionment Wednesday, March 15, 2023.

Action: Member agencies provide LCTOP Regional Proposed Project (99313) Titles to Kern COG no later than **Friday, March 24, 2023**. Provide applications to Caltrans by **May 1, 2023**.

VIII. KERN MEDIUM- AND HEAVY-DUTY ZERO EMISSION VEHICLE INFRASTRUCTURE BLUEPRINT FINAL DRAFT (Urata)

Comment: Kern COG was awarded a grant from the California Energy Commission (CEC) to develop a Kern Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint. A final draft document is posted to the Kern COG website. Kern COG invites comments to be submitted by 10:00 am on April 10, 2023.

Action: Information only.

IX. FEDERAL BRIDGE AND PAVEMENT CONDITION PERFORMANCE MEASURE TARGET REQUIREMENT (Flickinger)

Comment: Caltrans has developed federal bridge and pavement condition performance measures (PM2) for jurisdictions with National Highway System (NHS) mileage (Kern, Bakersfield, Shafter, California City, Ridgecrest, and Caltrans), consistent with the state targets and the federal methodology.

Action: Information.

X. FY 2023-2024 TRANSPORTATION DEVELOPMENT ACT APPORTIONMENT ESTIMATE (Banuelos)

Comment: Pursuant to California Code of Regulations Section 6644, Kern Council of Governments (Kern COG) shall determine and advise all prospective claimants of the amounts of all area apportionments from the Transportation Development Act (TDA) Local Transportation Fund and State Transit Assistance Fund for the following fiscal year. Total TDA related funding for the 2023-2024 fiscal year is estimated to be $65,888,050.92.

Action: Information

XI. ELECTION OF OFFICERS (Invina-Jayasiri)

Comment: The Kern Council of Governments (Kern COG) Transportation Technical Advisory Committee (TTAC) selects a Chairperson and a Vice Chairperson for the TTAC for the next year.

Action: Select a Chairperson and a Vice-Chairperson for the Kern COG TTAC. ROLL CALL VOTE

XII. ANNOUNCEMENTS

a. CMAQ and RSTP Call for Projects – Applications due by 5:00 PM, July 17, 2023. (See attached flyer for information.) (Pacheco)
b. Caltrans Local Assistance Workshop – April 17, 2023 (See attached flyer for information.) (Pacheco)
c. 2024 RTIP Workshop 1 – April 26, 2023 (See attached flyer for information.) (Pacheco)

XIII. MEMBER ITEMS

XIV. ADJOURNMENT – The next meeting will be held on May 3, 2023.

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR MARCH 1, 2023 MEETING

KERN COG BOARD ROOM/GO TO MEETING — Wednesday
1401 19th Street, Suite 300 — March 1, 2023
BAKERSFIELD, CALIFORNIA — 10:00 A.M.

Chairman Schlosser called the meeting to order at approximately 10:00 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Christine Viterelli	City of Arvin
	Luis Topete	City of Bakersfield
	Ed Galero	City of Delano
	Alexa Kolosky	County of Kern
	Brianahi De Leon	City of McFarland
	Travis Reed	City of Ridgecrest
	Chris Schultz	City of Shafter
	Craig Jones	City of Taft
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Lorena Mendibles	Caltrans
	Steve Barnes	Golden Empire Transit
OTHER:	Cindy Parra	Bike Bakersfield
	Andrea Nason	Caltrans
	Angela Willis	County of Kern
	Michelle Kincaid	City of Taft
	Richard Albright	City of Maricopa
	Aurelio Garcia	City of Wasco
	Maria Martinez	City of Wasco
	Juan Pantoja	BHT Engineering
	Viviana Alapisco	
STAFF:	Ahron Hakimi	Becky Napier
	Rob Ball	Rochelle Invina-Jayasiri
	Raquel Pacheco	Bob Snoddy
	Irene Enriquez	Karl Davisson
	Joe Stramaglia	Ben Raymond
	Linda Urata	

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting.

SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of February 1, 2023

There were no comments or questions from the committee members. Mr. Reed made a motion to approve the discussion summary, Mr. Topete seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

IV. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

Mr. Snoddy stated the ATP Cycle 6 statewide call for projects resulted in 19 Kern region submitted applications for value of $69 million. Mr. Snoddy and Mr. Stramaglia also stated staff is preparing an MPO final submittal package of information as prescribed by the CTC. It is possible that the CTC may adopt the Kern projects prior to the scheduled adoption date in June.

This item was for information only.

V. KERN AREA REGIONAL GOODS-MOVEMENT (KARGO) SUSTAINABILITY STUDY UPDATE

Mr. Davisson reported the Phase II KARGO Sustainability Study, a project looking to address the needs and impacts of increased freight movement in the region, is requesting local jurisdictions review and verify current development impact fee rates in the attached report. The intent of the KARGO2 study is to work with community stakeholders including the City of Shafter, City of Bakersfield, Kern County, Caltrans, and railroads to evaluate strategies to improve the sustainability of growing regional goods movement activity in Kern County and impacts on the transportation system and surrounding communities including disadvantaged communities.

Staff is requesting Member agency staff please review and provide feedback to kdavisson@kerncog.org by March 8, 2023. This item is for informational only.

VI. CMAQ FUNDING REVISION REQUEST

Ms. Pacheco reported there is a request for a revision to an existing Congestion Mitigation Air Quality (CMAQ) Program project. Kern COG staff has reviewed options for the CMAQ funding available. On February 16, 2023, the City of Taft staff met with Kern COG staff to discuss the options for delivery of the CMAQ project. Kern COG staff seeks Transportation Technical Advisory Committee direction on which option to forward to the Transportation Planning Policy Committee.

Option 1: Select Taft to receive $2,956,140 in CMAQ funding for only the infrastructure component. **Option 2:** Select Taft to receive $1,379,254 in CMAQ funding for only the vehicle purchase component. **Option 3:** Do nothing.

Kern COG staff recommends Option 1.

The action requested is that the Transportation Technical Advisory Committee recommend Option 1 to the Transportation Planning Policy Committee. The City of Taft recommends Option 1.

Ms. Viterelli made a motion to approve the recommendation, Ms. Kolosky seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

It was noted that there is now funding available for underfunded CMAQ projects. Kern COG staff will review project funding requests and prepare a staff report for April.

VII. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

Ms. Pacheco reminded this is the monthly update on the activity related to the 2024 Regional Transportation Improvement Program. The new addition is Appendix C which is the Save the Dates memo for upcoming workshops. There are four dates: April 26, June 21, August 23, and September 13 (tentative).

This item is for information only.

VIII. FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AMENDMENT – TIMELINE

Ms. Pacheco stated the upcoming amendment to the 2023 FTIP will include revisions to the State Highway / Regional Choice Program, Congestion Mitigation Air Quality Program, Transit Program, and Non-Motorized Program. The amendment documentation will be emailed to the TTAC when the public review period begins March 3rd.

This item was for information only.

IX. REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP) – DRAFT TIMELINE AND FUND ESTIMATE

Ms. Pacheco announced Kern COG staff developed a draft timeline and fund estimate to facilitate programming new Regional Surface Transportation Program projects. After approval by the Transportation Planning Policy Committee on March 16th, the draft timeline will be used for the upcoming Regional Surface Transportation Program call for projects cycle.

The action requested is that the Transportation Technical Advisory Committee recommend approval of the RSTP Timeline and Fund Estimate to the Transportation Planning Policy Committee.

Ms. Topete made a motion to recommend approval, Ms. Kolosky seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

X. CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – DRAFT TIMELINE AND FUNDING TARGETS

Ms. Pacheco sated Kern COG staff developed a draft timeline and funding targets to facilitate programming new Congestion Mitigation and Air Quality projects. After approval by the Transportation Planning Policy Committee on March 16th, the draft timeline will be used for the upcoming Congestion Mitigation and Air Quality call for projects cycle.

This year's call for projects cycle will also include Carbon Reduction Program or CRP funding. Staff recommends moving forward with programming the CRP funding following the CMAQ Policy and Procedure project selection process. The latest update is that the state has developed a Carbon Reduction Strategy with three pillars: 1. rail and transit, 2. bike and pedestrian, 3. BEV. BEV still needs to be clarified as Battery Electric Vehicle or possibly ZEV or Zero Emission Vehicle. This information is expected to be posted to the Caltrans CRP website in the next couple weeks. All pillars are eligible activities under the CMAQ Policy and Procedure.

The action requested is that the Transportation Technical Advisory Committee recommend approval of the CMAQ Timeline and Funding Targets to the Transportation Planning Policy Committee.

Ms. Viterelli made motion to recommend approval, Mr. Reed seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

XI. DISCUSSION ON TELECONFERENCING OPTIONS FOR VOTING MEMBERS

Ms. Invina-Jayasiri reported during their February 16, 2023 Kern COG Board meeting, the Board members reviewed the options and made a decision to revert back to the "classic" Brown Act rules on teleconferencing. She reviewed the Section 54953(b)(3) teleconferencing rules. In addition, the Board Members stated all Kern COG committees and subcommittees will follow the same teleconferencing requirements as listed above, and teleconferencing options will continue to be

made available for Kern COG staff and public. If committee members choose to teleconference for a committee meeting, their location must be posted on the Agenda in advance; otherwise, their vote will not be counted for that meeting. Provide staff 10-day advance notice of attending remotely.

Ms. Invina-Jayasiri offered that she will email in advance requesting members who decide to telecommute and will add the meeting location to the agenda.

This item was for information only.

XII. FY 2022-23 KERN REGION ESTIMATED LOW CARBON TRANSIT OPERATORS PROGRAM (LCTOP) CALL FOR PROJECTS

Ms. Enriquez stated Kern COG staff will receive an apportionment estimate from Caltrans staff for the Kern Region for the Low Carbon Transit Operations Program (LCTOP). The 2022-23 SCO Program of Projects will be presented to TTAC members once the SCO has released final apportionment funds. Presentation and adoption of the Kern COG FY 2022-23 LCTOP POP and submittal of the member agencies allocation request by March 3, 2023 to staff.

All FY 2022-23 LCTOP completed project applications (with supporting documents) are due to Caltrans LCTOP staff before March 24, 2023.

This item was for informational only.

XIII. ANNOUNCEMENTS –

a. Mr. Ball reminded the importance of the RSTP funding for the maintenance of local roads.
b. Ms. Invina-Jayasiri provided the following announcements:
    i. CTC Meeting March 22-23 in Los Angeles
    ii. Next TTAC meeting will be election of Chairman and Vice-Chairman

XIV. MEMBER ITEMS –

a. Ms. Mendibles provided the following updates:
    i. Clean California Update Cycle 2 Call for Projects released 2-14-23; additional workshops coming.
    ii. Clean California Day of Action – several community events in Kern and Tire Amnesty Days in several communities in Kern. Will forward fliers.
    iii. Sustainable Transportation Planning Grants FY 2022-23 are due March 9th**.**

XV. ADJOURNMENT – Meeting adjourned at 10:47am. The next meeting will be held on April 5, 2023.

Kern Council of Governments

IV.
TTAC

April 5, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
Executive Director

By: Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: IV.
CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

DESCRIPTION: The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

DISCUSSION: The CTC adopted the 2022 ATP Cycle 6 Fund Estimate and program Guidelines at their March 16-17, 2022, meeting. With the adoption of the Guidelines, the Cycle 6 Active Transportation Program call for projects was subsequently initiated. The CTC adopted their selected statewide applications at the December 7-8, 2022, meeting. One Kern region project was included in the statewide project adoption, which is the County of Kern Norris Pedestrian and Railroad Safety project totaling $9.8 million. All remaining Kern COG applications were considered for funding with the MPO share of the Cycle 6 ATP funding. At the February 16, 2023, the Kern Council of Governments Transportation Planning and Policy Committee adopted the MPO project list found on Page 3, making use of all available Cycle 6 ATP MPO funding. **Following the regional approval of the ATP Cycle 6 MPO list at the February 16, 2023 Kern COG Board meeting, staff has since prepared and submitted to the CTC, the final package of information as prescribed by the CTC, for its official list of MPO projects. This month, the CTC has scheduled a conference call on April 4, 2023, to discuss our MPO submittal. The results of that call will be shared by staff at the TTAC meeting.**

CTC 2023 Cycle 6 Active Transportation Program Timeline

Benchmark Activity	Date
~~E-Project Application Deadline & postmark date DONE~~	~~June 15, 2022~~
~~CTC staff recommendation for statewide applications DONE~~	~~October 21, 2022~~
~~CTC adoption of statewide selected applications DONE~~	~~December 7-8, 2022~~
~~Deadline for MPO draft project recommendations DONE~~	~~February 20, 2023~~
~~Deadline for MPO final project recommendations DONE~~	~~April 21, 2023~~
CTC recommendations for MPO components are posted	May 12, 2023
Commission adopts MPO selected projects	June 2023

Background: At the August 18, 2022, California Transportation Commission (CTC) meeting, the Commission adopted a revised Fund Estimate for the Active Transportation Program (ATP) Cycle 6, which is now adopted. The approved revised Fund Estimate for the statewide ATP budget is now **$1.7 billion** due to an infusion of funding from the recently approved 2022-23 state budget. The Kern COG guaranteed regional share of that statewide has been increased to **$16.798 million**.

Kern COG Policy Background - CTC ATP Guidelines and Fund Estimate establish the project selection process and ATP programming capacity for the state and MPO share. When ATP first began, the Kern Council of Governments adopted its ATP project delivery policy that defers to the original state application review and ranking for all original state submitted applications. Kern COG does not do a separate ATP Call for Projects to use the MPO share and therefore does not adopt its own modified guidelines or conduct a separate MPO call for projects. Instead, Kern COG considers the remaining applications for MPO share funding following the ranking order as best as possible already established by the state-ranked applications not selected by the state.

Submitted applications from Kern agencies - The ATP Cycle 6 statewide call for projects resulted in 19 Kern region submitted applications for a value of **$69 million**. They are listed on page 3. This table has been updated to include the ranking values for each application. The County of Kern project that ranked 91 is highlighted in yellow. This project has been approved by the state. The regionally approved MPO projects are highlighted in blue. This selection is based on Kern COG policy and has been financially constrained to the CTC adopted ATP Cycle 6 Fund Estimate. Kern COG's revised share is estimated at $16,798,000 over a 4-year programming cycle from 2023-24 through 2026-27. The MPO project list includes a contingency list comprised of the partially funded Bakersfield project and then the Tehachapi project.

ACTION: Information.

ATTACHMENT A
KERN REGION LIST OF SUBMITTED & RECEIVED CYCLE 6 ATP APPLICATIONS
YELLOW HIGHLIGHT - APPROVED STATE FUNDED PROJECT
BLUE HIGHLIGHT - FINAL MPO FUNDED PROJECT
BOLD - CONTINGENCY

State Ranking	Implementing Agency	Project Name	Total	Other	ATP	ENV	DESIGN	ROW	CONS	Received
29	Bakersfield, City of	School Flashing Yellow Beacons	$ 803,000	$ -	$ 803,000	$ -	$ 143,000	$ -	$ 660,000	06/15/22
35	Bakersfield, City of	California Avenue (Marella Way to Planz Rd)	$ 5,461,000	$ -	$ 5,461,000	$ -	$ 975,000	$ -	$ 4,486,000	06/15/22
39	Bakersfield, City of	California Avenue (Oleander Ave to R St)	$ 1,980,000	$ -	$ 1,980,000	$ -	$ 353,000	$ -	$ 1,627,000	06/15/22
40	Bakersfield, City of	Kern River North of 24th Street	$ 2,758,000	$ -	$ 2,758,000	$ 295,000	$ 197,000	$ -	$ 2,266,000	06/15/22
48	Bakersfield, City of	Bakersfield Bicycle Facilities	$ 263,000	$ -	$ 263,000	$ -	$ -	$ -	$ 263,000	06/15/22
50	Bakersfield, City of	Monterey St (Alta Vista Dr to Brown St)	$ 4,789,000	$ -	$ 4,789,000	$ -	$ 855,000	$ -	$ 3,934,000	06/15/22
55	Kern County - D6	Niles Street Safety Project	$ 1,785,000	$ 260,000	$ 1,525,000	$ 10,000	$ 250,000	$ -	$ 1,525,000	06/15/22
56	Caltrans	City of Arvin HAWK- Arvin's "Walk on Walnut Crosswalk Beacon"	$ 1,398,000	$ 200,000	$ 1,198,000	$ 120,000	$ 80,000	$ 137,000	$ 1,061,000	06/15/22
57	Bakersfield, City of	Arvin-Edison Canal Multi-Use Path	$ 9,940,000	$ -	$ 9,940,000	$ 710,000	$ 1,065,000	$ -	$ 8,165,000	06/15/22
60	**Tehachapi, City of**	**Northside Neighborhood Complete Sidewalk & Bicycle Lane Project**	**$ 3,494,000**	**$ -**	**$ 3,494,000**	**$ 25,000**	**$ 370,000**	**$ 39,000**	**$ 3,060,000**	**06/14/22**
66	**Bakersfield, City of**	**H Street Corrior (SR-204 to Hwy 58)**	**$ 8,454,000**	**$ 5,300,106**	**$ 3,154,000**	**$ -**	**$ 1,509,000**	**$ -**	**$ 6,945,000**	**06/15/22**
70	Taft, City of	10th St & San Emidio St - Intersection Safety Improvements	$ 455,000	$ -	$ 455,000	$ 5,000	$ 42,000	$ -	$ 408,000	06/15/22
71	Delano, City of	ATP-6 SRTS Sidewalk Gap and Crosswalk Improvement Project	$ 703,000	$ -	$ 703,000	$ -	$ 75,000	$ -	$ 628,000	06/13/22
72.5	Wasco, City of	Central Avenue Class I & Class II Bicycle Trails	$ 660,000	$ -	$ 660,000	$ 5,000	$ 71,000	$ -	$ 584,000	06/15/22
78	Kern County - D6	Safe Route To School (SRTS) ADA Crosswalk Safety	$ 2,342,000	$ 582,000	$ 1,760,000	$ 10,000	$ 344,000	$ -	$ 1,988,000	06/15/22
80.5	Kern County - D6	Kern River Parkway Multi-use Path Safety & Connectivity Project	$ 8,035,000	$ 1,235,000	$ 6,800,000	$ 100,000	$ 1,150,000	$ -	$ 6,785,000	06/15/22
84	Kern County - D6	Mt Vernon SRTS Safety Project	$ 3,248,000	$ 384,000	$ 2,864,000	$ 10,000	$ 374,000	$ -	$ 2,864,000	06/15/22
87	Tehachapi, City of	Valley Boulevard and Mill Street Gap Closure Project	$ 3,266,000	$ -	$ 3,266,000	$ 65,000	$ 315,000	$ 200,000	$ 2,686,000	06/15/22
91	Kern County - D6	Norris Pedestrian and Railroad Safety Project	$ 9,793,000	$ 1,011,000	$ 8,782,000	$ 10,000	$ 1,059,000	$ 2,600,000	$ 6,124,000	06/15/22
		TOTALS FOR ALL APPLICATIONS	**$ 69,521,000**	**$ 3,672,000**	**$ 65,849,000**	**$ 1,365,000**	**$ 9,227,000**	**$ 2,976,000**	**$ 55,953,000**	
		ATP PROJECT FUNDED BY THE STATE	$ 9,793,000	$ 1,011,000	$ 8,782,000					
		PROJECTS RECOMMENDED FOR MPO SHARE FUNDING	$ 18,972,000	$ 2,201,000	$ 16,798,000					
		ESTIMATED AVAILABLE ATP CYCLE 6 MPO SHARE			$ 16,798,000					

Note 1: The H Street Corridor project was reduced to $3,260,000 for ATP funding. The City of Bakersfield would be required to use local funds for the balance.

Note 2: The Mt. Vernon Safe Routes to School Safety Project was withdrawn after their announcement at the January 4, 2023 TTAC meeting.

Note 3: The contingency list would include 1) adding additional funding to the construction phase of the Bakersfield project; then 2) funding the Tehachapi project either partially or fully.

Kern Council of Governments

V.
TTAC

April 5, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco,
Regional Planner

SUBJECT: TTAC AGENDA ITEM: V.
2024 Regional Transportation Improvement Program

DESCRIPTION:
Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

DISCUSSION:
At their January 25– 26, 2023 meeting, the California Transportation Commission (CTC) initiated the 2024 Regional Transportation Improvement Program (2024 RTIP) process to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The general order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

This month –This month, Kern COG staff is circulating the updated KCOG RIP 60/40 baseline status. Also, for this month, staff is preparing for the April 26, 2023 workshop presentation. Draft fund estimate assumptions presented at March CTC meeting, will be a prime topic at the April Workshop.

2024 Regional Transportation Improvement Program Schedule		
~~January 2023~~	~~CTC~~	~~Adopt 2024 STIP Fund Estimate Schedule~~ *Done*
March 22-23, 2023	CTC	Present Fund Estimate Assumptions to Commissioners
April 26, 2023	KCOG	Regional Workshop
May 17-18, 2023	CTC	Adopt Fund Estimate Assumptions
June 21, 2023	KCOG	Regional Workshop
June 28-29, 2023	CTC	Present Draft Fund Estimate
August 16-17, 2023	CTC	Adopt Statewide Fund Estimate and Guidelines
August 23, 2023	KCOG	Regional Workshop
September 6, 2023	KCOG	Circulate Adm. Draft 2024 RTIP (TTAC)
September 13, 2023	KCOG	Regional Workshop - Tentative
October 4, 2023	KCOG	Circulate Draft 2024 RTIP (TTAC)
November 16, 2023	KCOG	Regional Adoption of 2024 RTIP CIP (TPPC)
December 15, 2023	KCOG	Submittal deadline of 2024 RTIP to the CTC
February, 2024	CTC	Conduct Southern/Northern California Public Hearing
March, 2024	CTC	CTC will circulate staff recommendation for 2024 STIP
April, 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

Current 2022 STIP as Adopted - Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding. The Truck Climbing Lanes project on State Route 58 east of Bakersfield is considered a partnership project with Caltrans, with the intent of receiving SHOPP funding in future cycles for the construction phase. SR 46 widening work was advanced in the 2022 STIP to include construction funding for Segments 4B and 4C. These last 2 segments, once constructed, will complete the delivery of the last Phase 4, 5-mile segment. Phases 1, 2, and 3 are constructed. The Hageman Flyover project was programmed for construction in the 2022 RTIP. But the project has experienced delays. A STIP amendment was subsequently submitted by Kern COG to move funding from the Hageman Flyover to a new freeway to freeway connector project at the SR 58 and 99 freeway interchange. The STIP amendment was approved at the January 25-26, 2023 CTC meeting.

2022 STIP KERN REGION PROJECT STATUS	
SR 46 Widen Segment 4B	This project is currently under construction and scheduled for completion in 2023. This project will not move forward into the 2024 RTIP
SR 46 Widen Segment 4C	Received construction authorizations in 22-23 and scheduled to begin work in 2023. This project received full STIP and TCEP allocations. This project will not move forward into the 2024 RTIP.
SR 58 Centennial Mainline	Under construction at 81% completed & expected to be completed later this year. Final AB 3090 (STIP) payment was allocated in 2022.
SR 99/204 Hageman Flyover	The Hageman project was not likely to advance to construction as programmed in the 2022 STIP. Kern COG subsequently requested a 2022 STIP Amendment. The amendment was approved at the January 25-26, 2023 CTC meeting to remove STIP funds from Hageman and move to new STIP project to construct a new freeway to freeway connector from eastbound SR 58 from new alignment west of SR 99 to northbound 99.
SR 58 Climbing Lanes	In the environmental review phase using CRRSAA/COVID funding.
NEW - SR 58/99 Connector	New project added to the 2022 STIP. This project was approved at the January 25-26, 2023, CTC meeting, as a STIP amendment and will fund the construction phase for the new connector. The City of Bakersfield is the lead for this work.

These projects are part of the 2022 State Transportation Improvement Program, and their funding activity is tracked by the CTC, every two years, through an updated document called Report of STIP Balances County and Interregional Shares, or the Orange Book. Attachment A of this report includes the 2022 Orange Book page for the Kern Region. The CTC will provide an update for the 2024 RTIP cycle sometime in the months ahead.

Update of Kern COG Project Delivery Policies and Procedures – In 2019, the Kern COG Board adopted the latest version of the Kern COG Project Delivery Policies and Procedures document which included updates to Chapters 1, 2 and 3. Chapter 3 focuses on the Regional Transportation Improvement Program process. The update included changes that provided consistency with STIP guidelines and other discretionary transportation programs.

Action: Information.

Enclosures:

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments
Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops
Attachment D: KCOG RIP 60/40 Status

2022 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

($1,000's)

Total County Share, June 30, 2021 (from 2021 Report)	86,641
Adjustment for 2019-20 and 2020-21 lapses	0
Less 2020-21 Allocations and closed projects	(46,091)
Less Projects Lapsed, July 1, 2021-June 30, 2022	0
2022 STIP Fund Estimate Formula Distribution	22,452
Total County Share, June 30, 2022	63,002

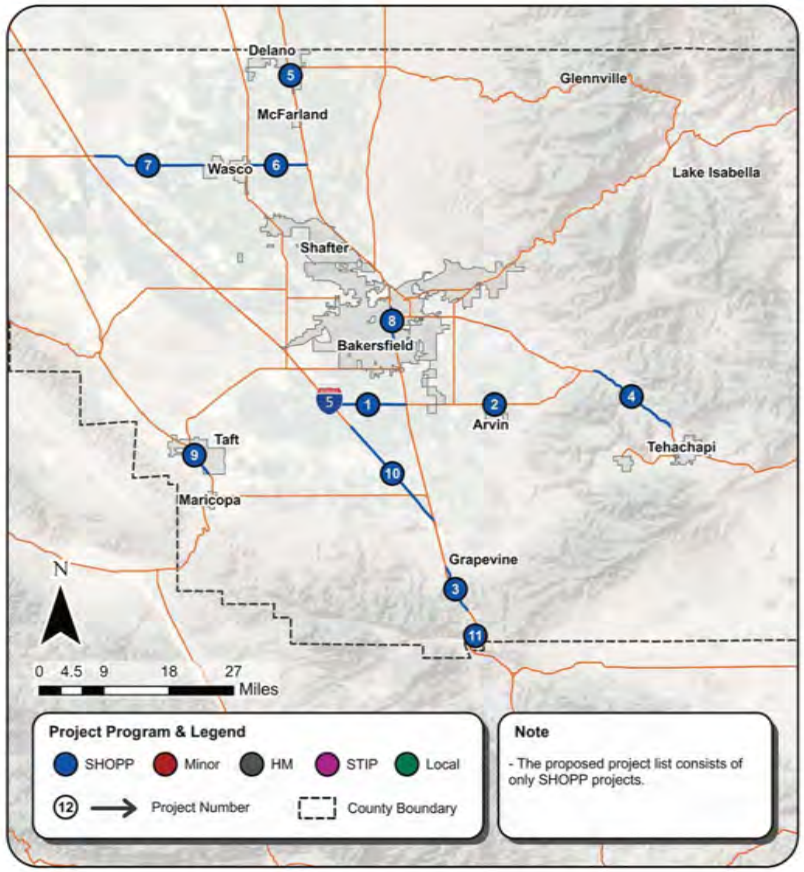
Kern

								Project Totals by Fiscal Year						Project Totals by Component					
Agency	Rte	PPNO	Project	Ext	Del.	Voted	Total	Prior	22-23	23-24	24-25	25-26	26-27	R/W	Const	E & P	PS&E	R/W Sup	Con Sup
Highway Projects:																			
Kern COG		6L03	Planning, programming, and monitoring			Dec-21	300	300	0	0	0	0	0	0	300	0	0	0	0
Bakersfield	cash	3705B	AB 3090 Reimbursement (Westside Pkwy-Ph1)(18S-07)			Jun-22	18,963	0	18,963	0	0	0	0	0	18,963	0	0	0	0
Caltrans	14	8042B	Freeman Gulch widening-Segment 2 (RIP 40%)				1,960	1,960	0	0	0	0	0	0	0	0	1,960	0	0
Caltrans	46	3386E	Widen 4 lns, Browns Material Rd-CA Aqueduct, Seg 4C				13,995	5,450	8,545	0	0	0	0	2,750	4,445	0	2,100	600	4,100
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204				25,593	0	0	0	0	25,593	0	0	25,593	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring				2,191	0	300	300	591	500	500	0	2,191	0	0	0	0
			Subtotal, Highway Projects				63,002	7,710	27,808	300	591	26,093	500	2,750	51,492	0	4,060	600	4,100
	Total Programmed or Voted since July 1, 2021						63,002												
COVID Projects																			
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204 (20S-26)			Oct-21	2,686	0	2,686	0	0	0	0	2,686	0	0	0	0	0
Caltrans	58	2664	Truck Climbing Lane, e/b, PM 76.3-79.8(20S-26)				2,272	2,272	0	0	0	0	0	0	0	2,272	0	0	0
	Total Programmed or Voted since July 1, 2021						4,958	2,272	2,686	0	0	0	0	2,686	0	2,272	0	0	0

Balance of STIP County Share, Kern	
Total County Share, June 30, 2022	63,002
Total Programmed or Voted Since July 1, 2021	63,002
Unprogrammed Share Balance	0
Share Balance Advanced or Overdrawn	0
COVID Programming	
Target	6,414
Total Programmed or Voted Since July 1, 2021	4,958
2021-22 Lapsed Projects	0
Less 2020-21 Allocations	0
Under (Over) Target	1,456

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROPOSED PROJECT LIST (YEARS 6-7)

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROPOSED PROJECT LIST (YEARS 6-7)								
1	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	Proposed	$9,877	2024/25
2	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
3	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25
4	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
5	1A810	6	99	54.6 / 54.61	Delano Facility. Reconstruct Building	ENV	$3,486	2025/26
6	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
7	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
8	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
9	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
10	0W930	6	5	15.9R / 30.0	KER I5 CAPM / Remove .35' HMA and Place .25' HMA and 0.10' RHMA.	ENV	$35,406	2025/26
11	0X570	6	5	.73 / 1.08	Tejon SRRA Water & Wastewater Upgrades / Upgrade Water and Wastewater Systems	ENV	$10,170	2025/26



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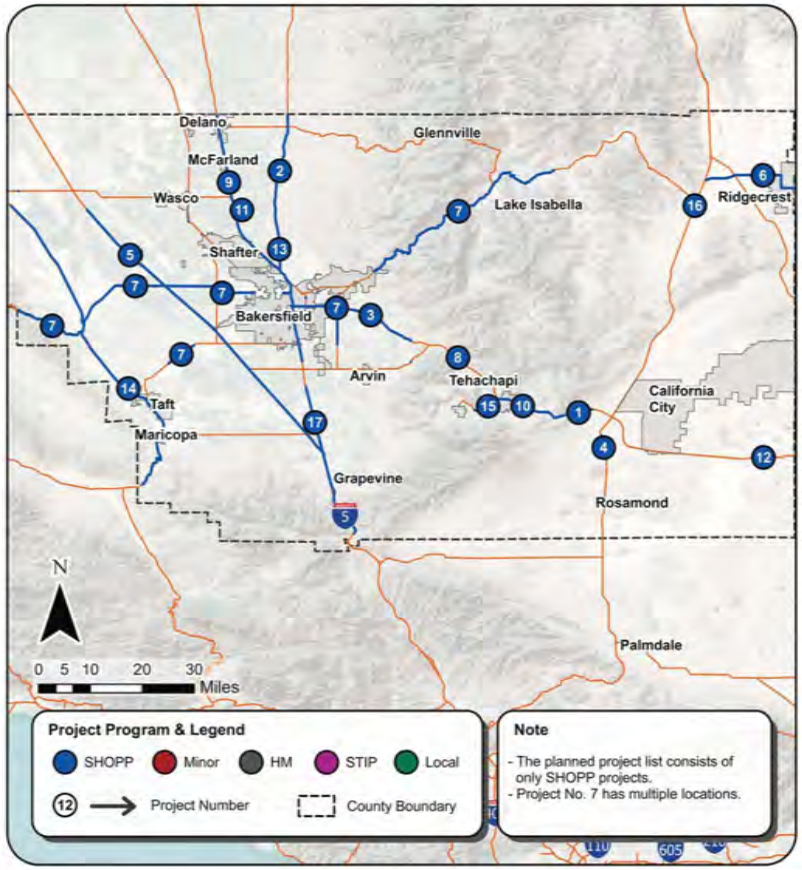
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PLANNED PROJECT LIST (YEARS 8-10)

Kern Council of Governments

No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PLANNED PROJECT LIST (YEARS 8-10)								
1	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	Future	$39,623	2026/27
2	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
3	0X450	6	58	R64.9 / R64.91	Arvin KER-58 Wim Upgrade / Improve Weigh Facility	Future	$3,051	2026/27
4	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	Future	$47,558	2026/27
5	19586	6	5	52.80 / 62.6	Rehab	Future	$76,423	2027/28
6	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	Future	$72,355	2027/28
7	22144	6	58	3.03 / 72.67	In Kern County at various locations. Drainage improvements	Future	$14,196	2027/28
8	22129	9	58	81 / 81.1	In Kern county at CVEF on Route 58 eastbound	Future	$1,260	2028/29
9	1A660	6	99	R43.9R / 49.4	CAPM	Future	$9,522	2028/29
10	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29
11	22167	6	99	R43.6R / R43.61R	50 0011R Spot prep and paint steel members	Future	$2,115	2028/29
12	21986	9	58	R138.75 / R139.0	In Kern County at Boron SRRA. Rehab wastewater treatment.	Future	$2,994	2028/29
13	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
14	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
15	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58.	Future	$9,387	2028/29
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	$2,463	2028/29
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	$13,724	2028/29



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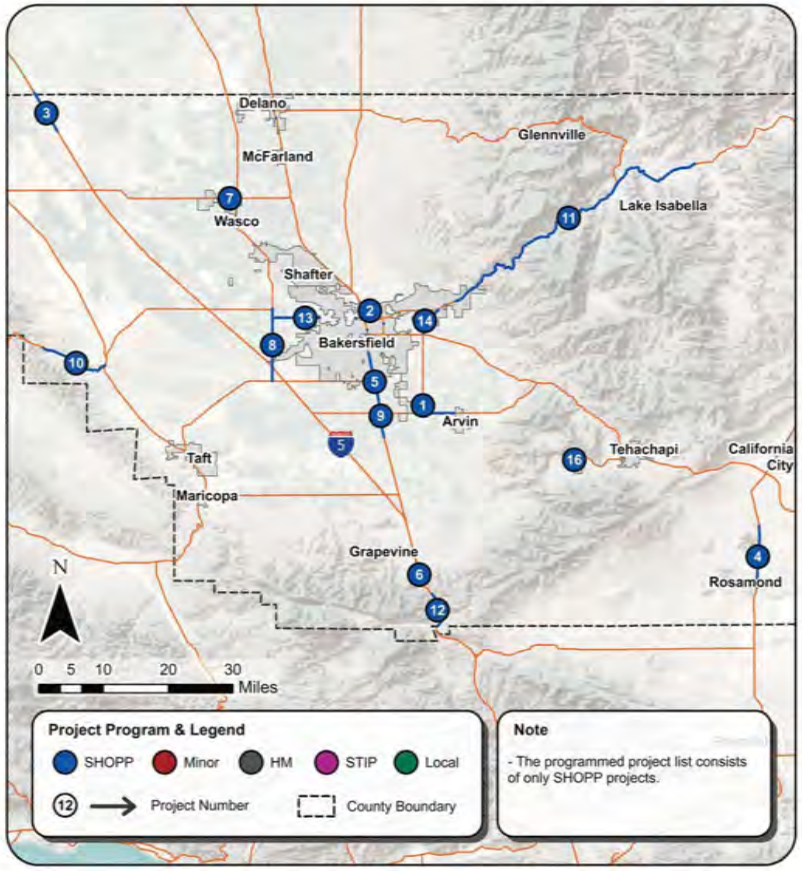
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
1	0V280	6	184	L0.9 / L1.1	Kern 184/Sunset Roundabout / Intersection Improvements	CON	$9,050	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U470	6	5	82 / 87	Lost Hills Rehab / Pavement Rehabilitation (2R)	CON	$29,330	2019/20
4	36740	9	14	R4.7 / R12.6	Rosamond-Mojave Rehab / 2R	CON	$73,615	2019/20
5	0U240	6	99	VAR / VAR	Various locations in Kern and Kings Counties	CON	$10,802	2019/20
6	0W160	6	5	5.97 / 9.78	Grapevine Culvert Repair / Upgrade Drainage Systems	CON	$14,214	2019/20
7	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
8	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
9	0Q920	6	99	10.4 / 21.2	Union Ave to White Lane 2R Rehab / Pavement Rehabilitation and Improve Vertical Clearance	CON	$66,740	2019/20
10	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	$12,400	2020/21
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	$10,100	2021/22
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	$16,783	2021/22



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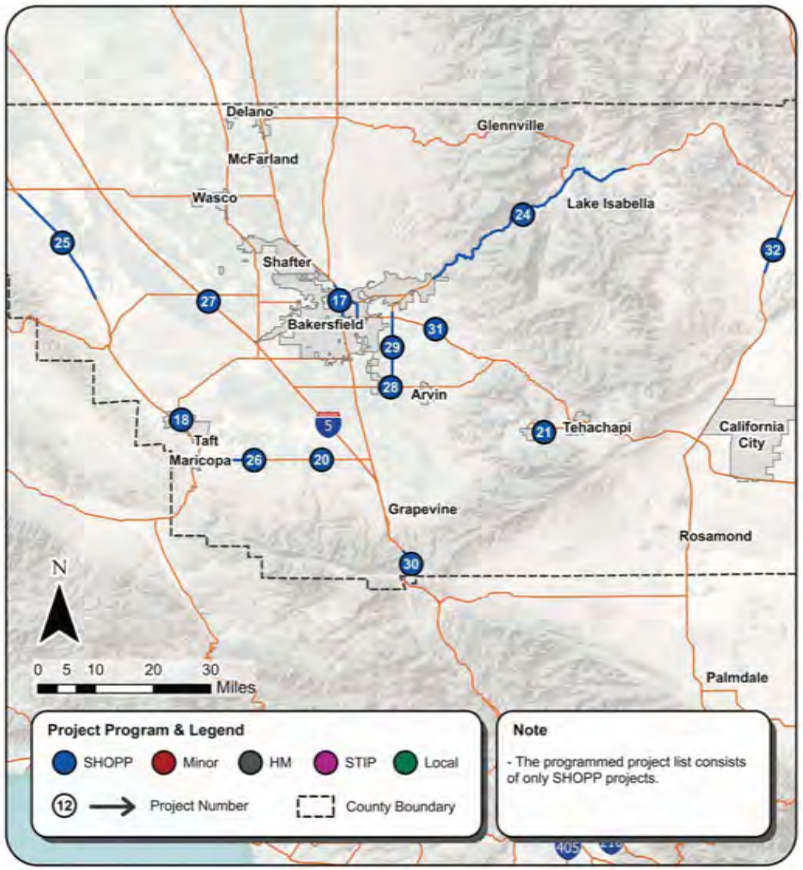
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
17	0Q281	6	99	23.6 / R28.4	Bakersfield 99 Rehab Replacement Planting / Replacement Planting	ENV	$10,340	2021/22
18	0X760	6	119	0.14 / 0.54	Taft Left Turn Channelization / Left-Turn Channelization	ENV	$5,221	2021/22
19	0T000	6	58	R53.2 / R55.6	KER 58 ADA / Upgrade Curb Ramps	DES / ROW	$4,620	2021/22
20	0S050	6	166	17.3 / 17.7	Calif Aqueduct Bridge Rehab / Bridge Rehabilitation/Seismic Retrofit	ENV	$44,045	2021/22
21	36720	9	202	r4.89 / R4.89	Cummings Valley Rd Int / Construct Left Turn Lane	DES / ROW	$5,044	2021/22
22	0W150	6	204	0.00 / 6.752	SR 204 within City of Bakersfield and TUL SR 65 in Exeter at various locations	DES	$10,728	2021/22
23	0W990	6	204	2.805 / 2.805	Union Avenue High Intensity Activated Crosswalk / Install Hybrid Pedestrian Beacon (Hawk)	DES / ROW	$4,275	2021/22
24	0X080	6	178	8.0 / 50.0	Kern Canyon Culvert Rehab / Repair and Replace Culverts	DES / ROW	$13,000	2021/22
25	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
26	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
27	1A690	6	5	47.55 / 52.15	Buttonwillow Median Barrier / Construct Median Barrier	ENV	$5,720	2022/23
28	0R190	6	223	15.7 / 16.3	Arvin SR 223/184 Roundabout / Intersection Improvement	DES / ROW	$3,700	2022/23
29	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
30	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
31	0X160	6	58	64.40 / 67.30	Edison 2R Rehab / Pavement Rehabilitation (2R)	ENV	$14,270	2022/23
32	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23



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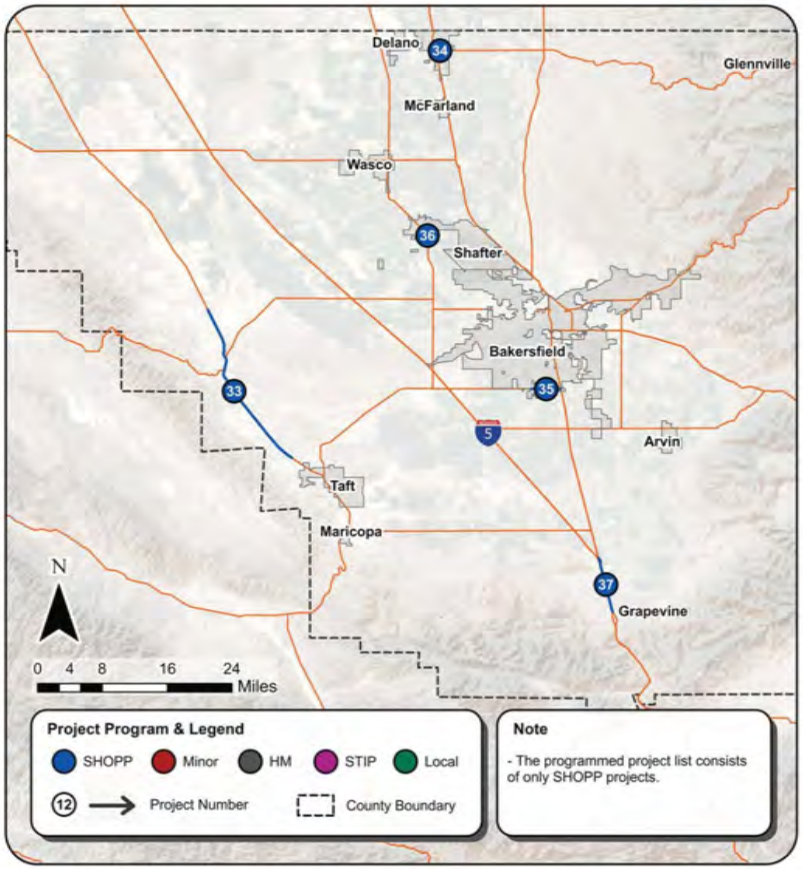
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
33	0X240	6	33	21.8 / 39.8	KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	$11,430	2023/24
34	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
35	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
36	1A470	6	43	15.8 / 15.8	Santa Fe Roundabout / Construct Roundabout	ENV	$13,617	2023/24
37	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24



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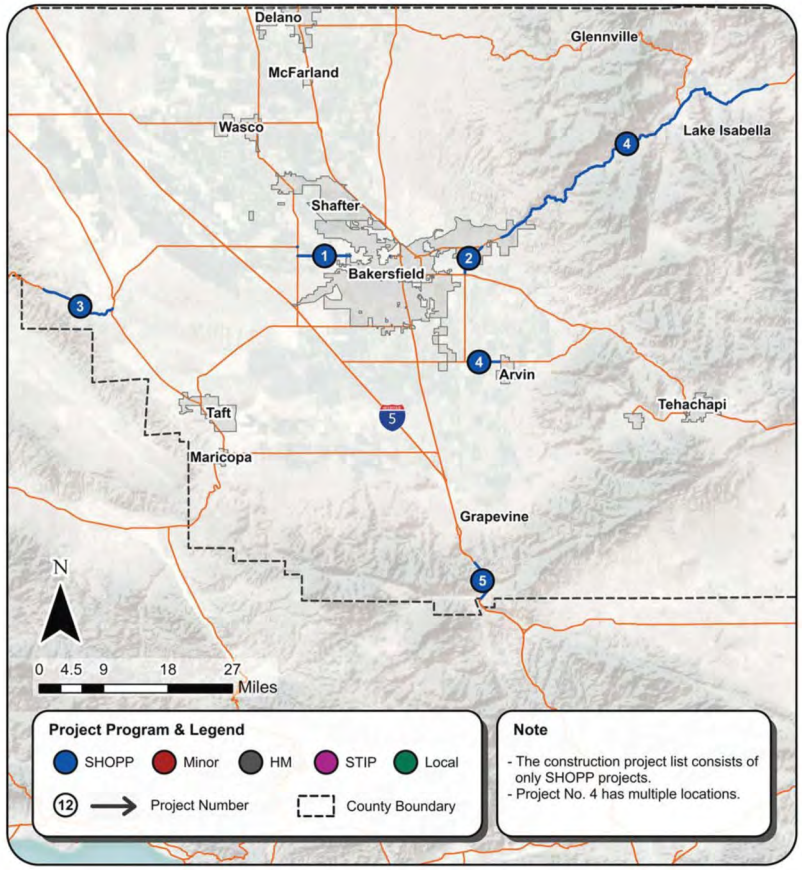
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
CONSTRUCTION READY PROJECT LIST

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
CONSTRUCTION READY PROJECT LIST (READY TO LIST ACHIEVED)								
1	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	CON	$12,400	2020/21
2	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES	$12,140	2020/21
3	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES	$15,970	2020/21
4	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
5	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21



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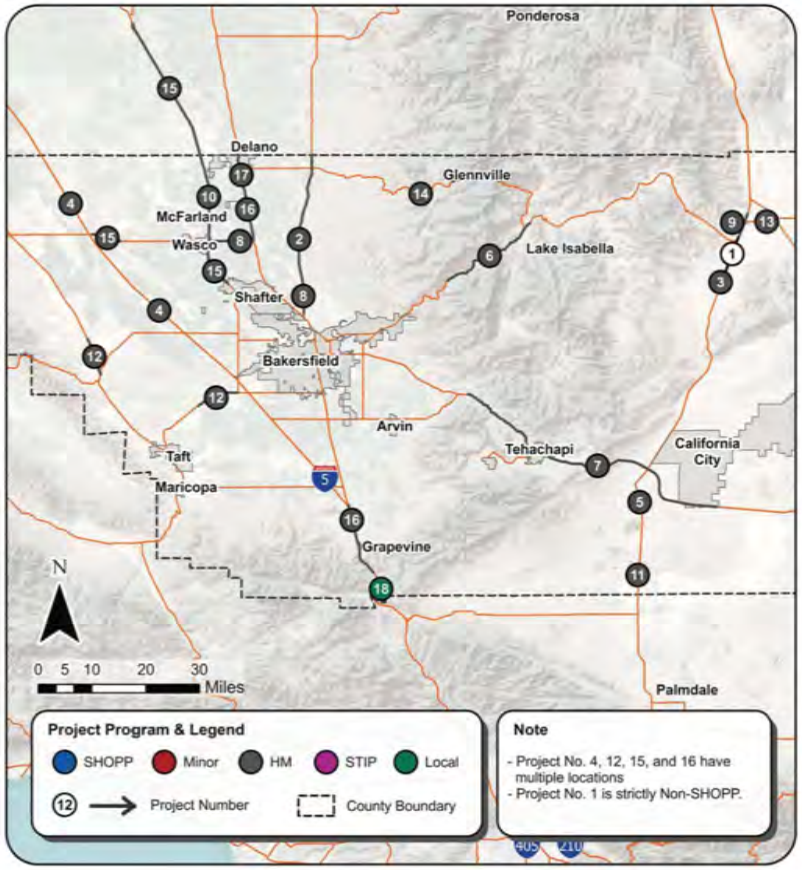
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
1	45712	6	14	53/58.3	Freeman Gulch Widening-Segment 2 / Convert Existing 2-Lane to 4-Lane Expressway	DES / ROW	$85,530	2022/23
2	1B080	6	65	1.0 / 25.169	Striping / 6 inch Stripe	CON	$2,570	2020/21
3	38570	9	14	52.8 / 58.3	Pavement Preservation / AR Chip Seal - SB1	CON	$916	2020/21
4	1A930	6	5	77.0 / 82.6	Rigid Roadbeds / PCC Slab Replacement	CON	$1,075	2020/21
5	38590	9	14	R12.3 / R15.3	Pavement Preservation / Digouts	CON	$1,761	2020/21
6	0Y110	6	178	24.6 / R44.191	Pavement Preservation / PME Medium Chip Seal	CON	$2,525	2020/21
7	38580	9	58	77.252 / R125.3	Pavement Preservation / Digouts	CON	$1,100	2020/21
8	1A950	6	46	51.2 / 57.785	Pavement Preservation / Remove and Replace RHMA Type G	CON	$4,300	2020/21
9	38800	9	14	58.3 / 62.2	Slopes/Vegetation / Slope Repair	CON	$40	2020/21
10	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	$5,425	2020/21
11	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	$32	2020/21
12	1B000	6	33	34.2 / 40.0	Pavement Preservation / PME Medium Chip Seal	CON	$2,425	2020/21
13	38130	9	178	91.88 / 91.88	Maintenance Facilities / Pave portion of yard	CON	$215	2020/21
14	1B020	6	155	35.5 / 37.5	Pavement Preservation / 0.15 HMA Type a w/ Digouts	CON	$2,650	2020/21
15	1A990	6	43	17.3 / R24.0	Pavement Preservation / PME Med Chip Seal	CON	$3,400	2020/21
16	1A900	6	5	4.4 / R15.8R	Rigid Roadbeds / PCC Slab Replacement	CON	$2,950	2020/21
17	1C002	6	99	54.5 / 54.5	Maintenance Facilities / Slurry Seal Delano MF	CON	$224	2020/21
18	0Y550	6	5	0.8/2	Lebec Mountain Village Roundabout / Construct Roundabout at Ramp Intersections	ENV	$402	2023/24



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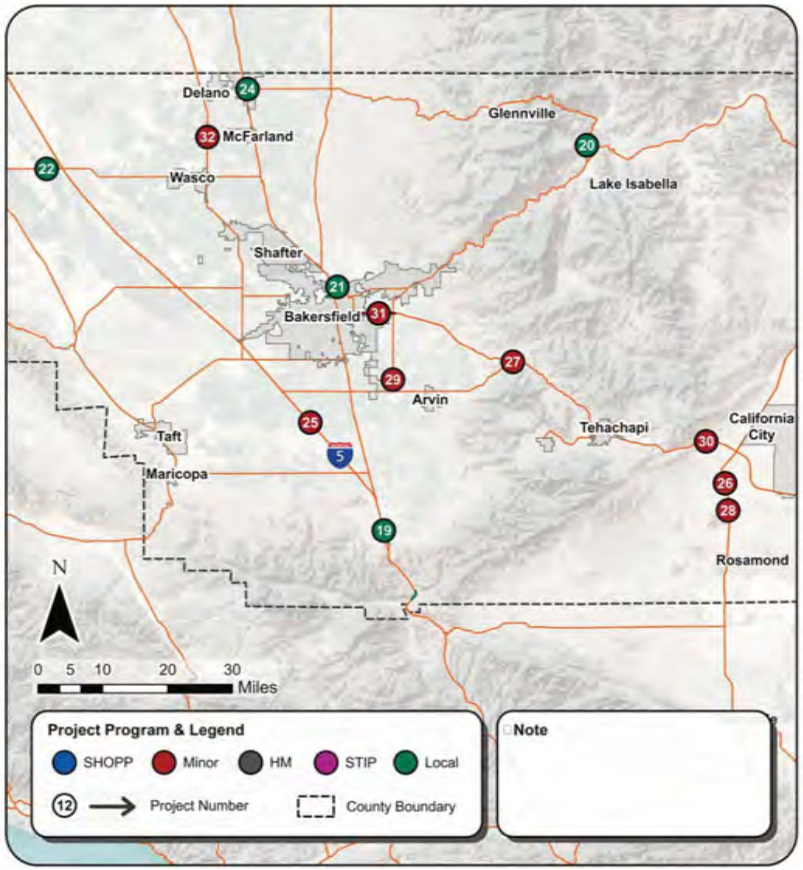
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
19	0R100	6	5	9.5/12	Grapevine Interchange / Relocate Interchange	ENV	$1,200	2025/26
20	0V770	6	155	68.2/R68.6	Usace Lake Isabella Oversight Projects / Realign Roadway	CON	$419	Future
21	48450	6	204	5.9/6.8	Hageman Flyover / Extension and Connection to RTE 204	DES / ROW	$5,658	2021/22
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	$1,300	2020/21
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	$0	2021/22
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	$498	2021/22
25	0T030	6	5	28.17 / 28.17	Mobility - TMS / In Kern, Kings and Fresno Counties, on Route 5 at various locations. Install Vehicle Detection Systems (VDS).	CON	$3,762	2020/21
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	$2,273	2020/21
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	$1,900	2021/22
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	$2,273	2020/21
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	$327	2021/22
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	$382	2020/21
31	0Y940	6	58	R55.47 / R59.67	Pavement / In Kern County, in Bakersfield on Route 58 at various ramps/locations. Remove and replace pavement.	DES	$400	2021/22
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	$250	2021/22



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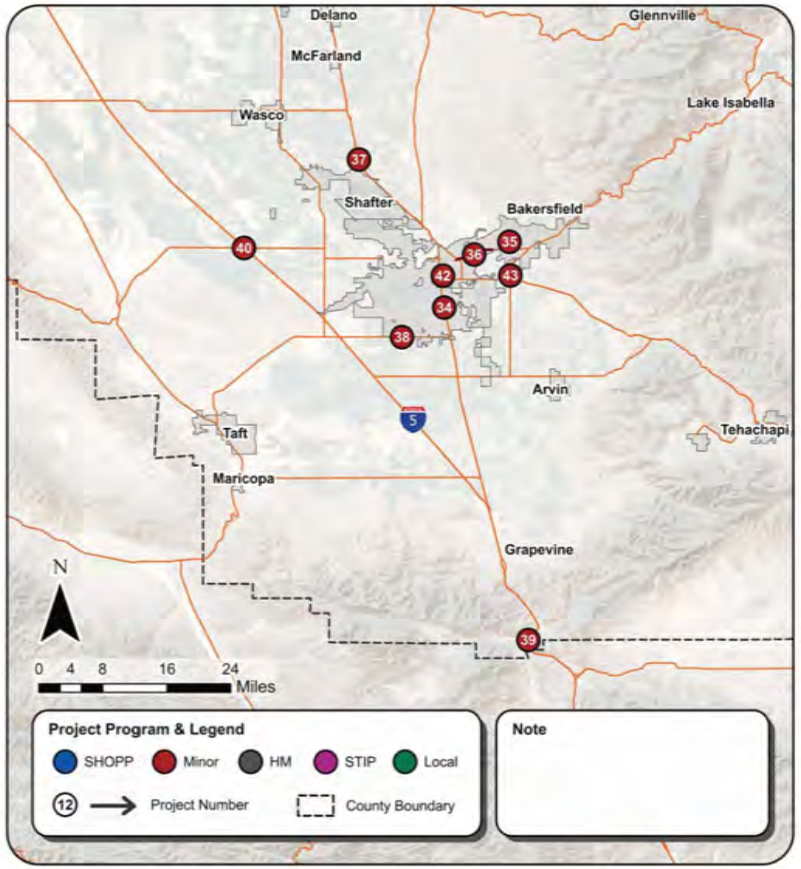
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
33	0S790	6	178	R4.5 / R4.5	Pavement / In Kern County, in Bakersfield at the Mount Vernon Avenue westbound onramp. Remove and replace pavement.	DES	$384	2021/22
34	1A150	6	99	20.6 / 20.6	Major Damage - Protective Betterments / In Kern County, in Bakersfield at Pacheco Road. Upgrade fence.	DES	$163	2021/22
35	1A130	6	178	R4.6 / R5.2	Major Damage - Protective Betterments / In Kern County, in the city of Bakersfield at various locations. Construct fence.	DES	$195	2021/22
36	0Y950	6	178	R1.89 / R5.78	Pavement / In Kern County, in Bakersfield on Route 178 at various ramps/locations. Remove and replace pavement.	DES	$415	2021/22
37	0V130	6	99	R39.1 / R39.1	Pavement / In Kern County, near Bakersfield on Route 99 at Merced Avenue offramp. Remove asphalt pavement and replace with concrete pavement.	DES	$600	2021/22
38	0X920	6	119	26.1 / 26.4	Safety Improvements / In Kern County, at Old River Road. Install safety lighting.	DES	$205	2021/22
39	1B160	6	5	R0.0 / R0.0	Mobility - Operational Improvements / In Fresno, Kern, Kings, Madera and Tulare counties on various routes at various locations. Repair and replace detection loops	DES	$325	2021/22
40	1C240	6	58	31.44 / 31.75	Pavement / In Kern County from 0.01 miles west of Route 5 SB offramp to Tracy Avenue (East). Remove and replace pavement and loops.	CON	$385	2020/21
41	1A420	6	178	R4.6 / R4.6	Major Damage - Protective Betterments /	CON	$134	2020/21
42	0X540	6	178	R2.26 / R2.26	Safety Improvements / In Kings County, at Pickerell Avenue. Install flashing beacon.	DES	$205	2020/21
43	1A860	6	184	8.35 / 8.35	Pavement / In Kern County, near Bakersfield at Edison Road. Remove and replace pavement.	DES	$410	2020/21



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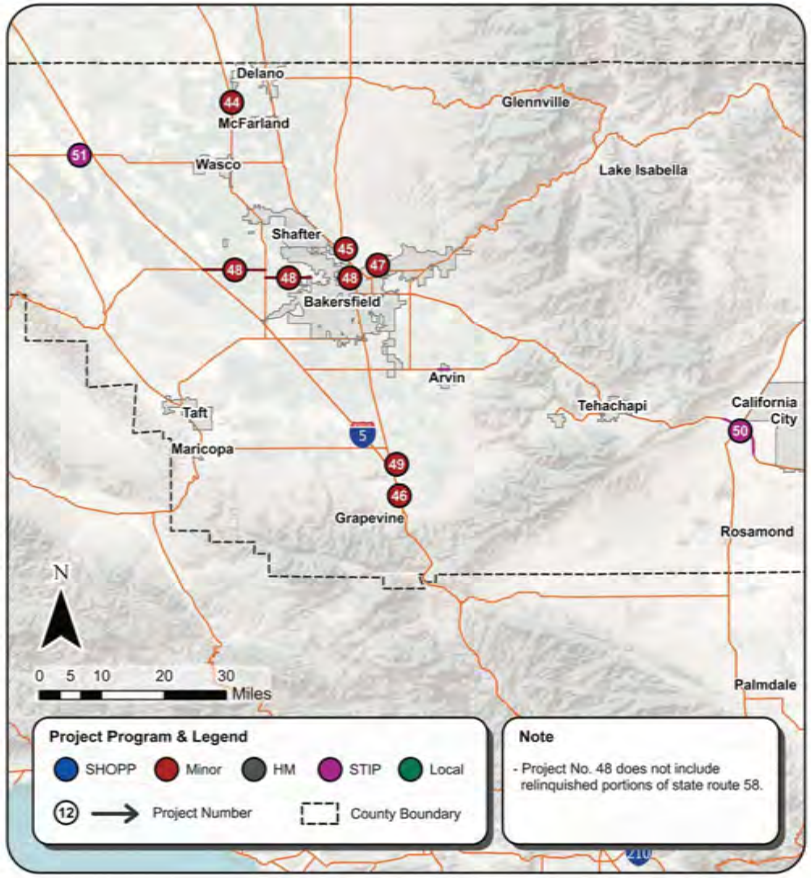
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART IV

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
44	0Y340	6	43	33.2 / 33.5	Safety Improvements / In Kern County, at Pond Road. Install flashing beacon.	DES	$173	2020/21
45	1A550	6	99	26.7 / 26.7	Bridge - Health / In Kern County, on Route 99 at the Calloway Canal Bridge and on Route 119 at the Weed Creek and Broad Creek Bridges. Repair bridges.	DES	$555	2021/22
46	1C030	6	5	11.7 / 12.39	Mobility - WIM Scales & CVEFs / In Kern County from the Grapevine Commercial Vehicle Enforcement Facility to 2.6 miles south of the Route 99 junction. Replace weigh station message sign.	DES	$500	2021/22
47	0Y780	6	99	26.502 / 26.502	Facilities / In Bakersfield, at the old California Highway Patrol (CHP) facility at 4040 Buck Owens Boulevard. Acquire facility to maintain Transportation Management Center (TMC) functions.	DES	$106	2021/22
48	1B150	6	58	31.6 / 51.8	Kern Freeway Signs / Upgrade and Install Freeway Signs	CON	$460	2020/21
49	1C330	6	5	13.54 / 13.8	Pavement / In Kern County at the NB off ramp to Wheeler Ridge. Remove and Replace HMA	DES	$325	2021/22
50	44255	6	46	29.7/31.9	Route 46 Conv/Exwy Segment 4B / 2-Lane Conventional Highway to 4-Lane Expressway Segment 4B	CON	$40,503	2020/21
51	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	$87,010	Future



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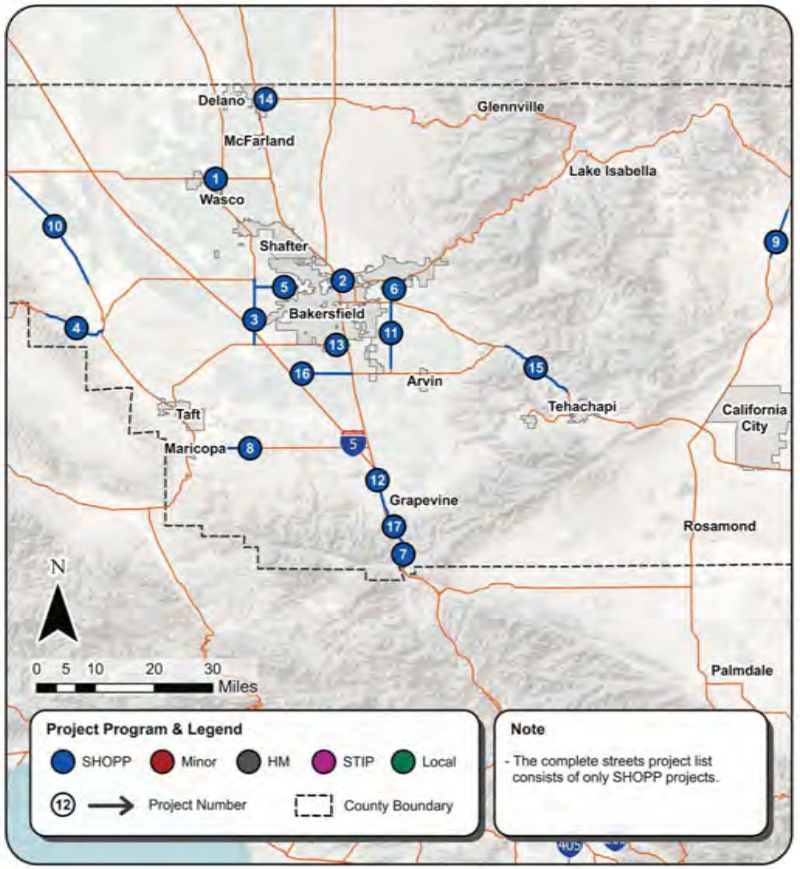
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
1	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
4	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
5	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	Closeout	$12,400	2020/21
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
7	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
8	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
9	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23
10	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
11	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
12	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24
13	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
14	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
15	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	$9,877	2024/25
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25



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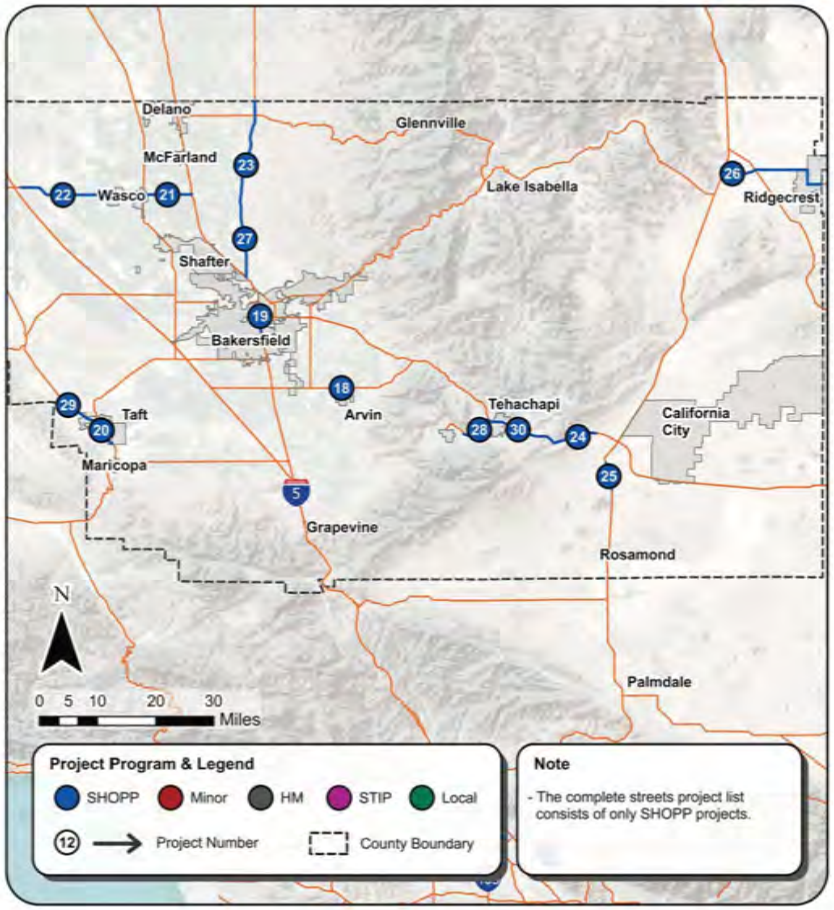
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART II

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
18	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
19	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
20	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
21	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
22	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
23	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
24	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	ENV	$39,623	2026/27
25	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	ENV	$47,558	2026/27
26	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	ENV	$72,355	2027/28
27	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
28	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58	Future	$9,387	2028/29
29	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
30	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29



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Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops

Kern Council of Governments

March 1, 2023

TO: Regional Project Delivery Partners

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

Raquel Pacheco,
Regional Planner

SUBJECT: **SAVE THE DATE - 2024 RTIP KCOG WORKSHOPS**

Please make a note of the dates and time listed below for the Kern COG 2024 RTIP Workshops. Reminder e-mail messages, workshop flyers, and agenda packages will be sent out as each date approaches. Dates will be included in updated TTAC and Board agenda reports.

- Wednesday **April 26, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **June 21, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **August 23, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **September 13, 2023** – 10:00 AM to 11:00 AM – teleconference (tentative)

Topics for presentations and discussions may include but are not limited to the following items:

April Workshop
- STIP 101, latest guidelines and KCOG policy
- Current funding needs of projects in the STIP and those that were delayed
- Status of partnership projects in Eastern Kern MOU with Inyo, Mono & Caltrans
- Discussion on need for future call for projects

June Workshop
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Options for administrative draft 2024 RTIP Capital Improvement Program

August Workshop
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

September Workshop (tentative)
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

Kern Council of Governments
1401 19th Street, Suite 300, Bakersfield, California 93301 (661) 861-2191 Facsimile (661) 324-8215 TTY (661) 832-7433 www.kerncog.org

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non - 60/40	Metro	%	Non-Metro	%
1998 RTIP Augmentation	$6,177,000		$3,706,200	60%	$2,470,800	40%
Cecil Ave; Albany St-Browning Rd	$5,646,000				$531,000	
7th Standard; Rte 99-Santa Fe Exp.	$5,070,000				$576,000	
Wheeler Ridge Rd;Le Gray Rd-Rte 223	$3,970,000				$1,100,000	
Rte 14; old Rte 58-Phillips Rd	$3,550,000				$420,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$3,185,000				$365,000	
Rte 46; Wasco Rte 43 N.-Jumper Ave	$2,185,000				$1,000,000	
Rte 58; in Tehachapi at Dennison Rd	$1,685,000				$500,000	
Rte 119; in Taft, Cherry-Tupman	$868,000				$817,000	
Rte 184; Rte 223-Panama Lane	$254,000				$614,000	
Rte 395; Inyo Co.-Olancha/Cartago	$139,000				$115,000	
1998 Balance	$139,000*[b]		$0	0%	$6,038,000	98%
2000 RTIP Committed Programming*[c]	$7,426,000		$4,455,600	60%	$2,970,400	40%
Rte 14; old Rte 58-Phillips Rd	$2,000,000				$5,426,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$1,000,000				$1,000,000	
Rte 46; Keck's Road to I-5 *[a]	$0				$1,000,000	
2000 Balance			$0	0%	$7,426,000	100%
2002 RTIP Committed Programming*[c]	$37,008,000		$8,766,000	60%	$5,844,000	40%
STIP PPM	$36,510,000	$498,000				
Westside Parkway*[d]	$14,610,000	$21,900,000				
Rte 14; near Rte 178	$13,086,000				$1,524,000	
Rte 46; Keck's Road to I-5*[a]	$8,631,000				$4,455,000	
Rte 46; Rte43 N.-Jumper Ave	$8,221,000				$410,000	
Rte 58; in Tehachapi at Dennison Rd	$7,186,000				$1,035,000	
Rte 99; White Lane Soundwall	$6,436,000		$750,000			
Rte 119; in Taft, Cherry-Tupman	$5,436,000				$1,000,000	
Rte 184; Weedpatch Hwy	$4,096,000				$1,340,000	
Rte 395; China Lake Blvd to Rte178	$3,296,000				$800,000	
Rte 395; Mono Co.- Highpoint Curve	$3,165,000				$131,000	
Rte 395; I-15 to Rte 58	$1,165,000				$2,000,000	
West Ridgecrest Blvd	$165,000				$1,000,000	
7th Standard Road (East) - Wings Way	$0		$165,000			
2002 Balance			$915,000	6%	$13,695,000	94%
2004 RTIP Committed Programming*[c]	$72,132,000		$24,643,800	60%	$16,429,200	40%
STIP PPM	$71,773,000	$359,000				
Westside Parkway*[d]	$41,073,000	$30,700,000				
Rte 14; old Rte 58-Phillips Rd	$22,960,000				$18,113,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$22,160,000				$800,000	
Rte 46; Rte43 N.-Jumper Ave	$21,500,000				$660,000	
Rte 119; in Taft, Cherry-Tupman	$21,000,000				$500,000	
Rte 178; at Fairfax Rd	$6,000,000		$15,000,000			
7th Standard Road Interchange	$3,500,000		$2,500,000			
7th Standard Road (East) - Wings Way	$1,000,000		$2,500,000			
7th Standard Road (West) - Shafter	$0				$1,000,000	
2004 Balance			$20,000,000	49%	$21,073,000	51%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2006 RTIP - Respreading Budget*[c]	$13,014,000		$7,733,400	60%	$5,155,600	40%
STIP PPM	$12,889,000	$125,000				
Rte 58; in Tehachapi at Dennison Rd	$11,720,000				$1,169,000	
Rte 395; China Lake Blvd to Rte178	$11,280,000				$440,000	
Rte 395; Inyo Co.-Indep. Mitigation	$11,200,000				$80,000	
7th Standard Road (West) - Shafter	$0				$11,200,000	
2006 Balance			$0	0%	$12,889,000	100%
2006 RTIP Augmentation	$20,592,000		$1,843,200	60%	$1,228,800	40%
STIP PPM	$19,772,000	$820,000				
Westside Parkway*[d]	$3,072,000	$16,700,000				
Rte 46; Keck's Road to Rte 33*[a]	$2,622,000				$450,000	
Rte 395; Inyo Co.-Independence	$687,000				$1,935,000	
Rte 395; Inyo Co.-Olancha/Cartago	$0				$687,000	
2006 Augmentation Balance			$0	0%	$3,072,000	100%
2008 RTIP Committed Programming	$164,761,000		$61,756,800	60%	$41,171,200	40%
STIP PPM	$161,598,000	$3,163,000				
Westside Parkway*[d]	$28,398,000	$58,670,000	$74,530,000			
Rte 46; SLO Co. line-Keck's Corner *[a]	$27,098,000				$1,300,000	
Rte 46; Keck's Road to Rte 33*[a]	$0				$27,098,000	
2008 Balance			$74,530,000	72%	$28,398,000	28%
2010 RTIP Committed Programming	$54,477,000		$31,620,000	60%	$21,080,000	40%
STIP PPM	$52,700,000	$1,777,000				
Westside Parkway	$2,700,000		$50,000,000			
SR 99: South	$0		$2,700,000			
2010 Balance			$52,700,000	100%	$0	0%
2012 RTIP Committed Programming	$16,318,000		$9,232,800	60%	$6,155,200	40%
STIP PPM	$15,388,000	$930,000				
Rte 14; near Rte 178	$9,868,000				$5,520,000	
Rte 395; Inyo Co. Olancha/Cartago	$7,700,000				$2,168,000	
West Ridgecrest Blvd	$1,500,000				$6,200,000	
Challenger Drive Ext.	$0				$1,500,000	
2012 Balance			$0	0%	$15,388,000	100%
2014 RTIP Committed Programming	$5,803,000		$3,123,000	60%	$2,082,000	40%
STIP PPM	$5,205,000	$598,000				
Rte 119; Truck Climbing Lane	$0				$5,205,000	
2014 Balance			$0	0%	$5,205,000	100%
2016 RTIP Respreading Budget*[c]	$38,398,000		$22,560,600	60%	$15,040,400	40%
STIP PPM	$37,601,000	$797,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$33,501,000				$4,100,000	
Rte 58; Westside Parkway Connector	$500,000		$33,001,000			
Rte 395; Inyo Co. Olancha/Cartago Arch.	$0				$500,000	
2016 Balance			$33,001,000	87%	$4,600,000	12%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2018 RTIP Committed Programming	$38,820,000		$22,842,000	60%	$15,228,000	40%
STIP PPM	$38,070,000	$750,000				
Rte 14 Freeman Gulch-Segment 2	$36,110,000				$1,960,000	
Rte 46; Brown Mat.-e/o Lost Hills Rd; 4B*[a]	$33,710,000				$2,400,000	
Rte 58; WS Pkwy Conn Mainline Ph1	$3,500,000		$30,210,000			
Rte 132 Expressway, Phase 1	$0				$3,500,000	
2018 Balance			$30,210,000	79%	$7,860,000	21%
2020 RTIP Cycle Committed Programming	$19,095,000		$11,007,000	60%	$7,338,000	40%
STIP PPM	$18,345,000	$750,000				
Rte 46; CA Aque. Br-e/o Lost Hills Rd; 4B*[a]	$14,745,000				$3,600,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$9,295,000				$5,450,000	
Rte 395; Inyo Co. Olancha/Cartago	$0				$9,295,000	
2020 Balance			$0	0%	$18,345,000	100%
2022 RTIP Cycle	$38,053,000		$22,057,200	60%	$14,704,800	40%
STIP PPM	$36,762,000	$1,291,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$32,638,000				$4,124,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$24,093,000				$8,545,000	
Rte 58/99 Centennial Loop Connector	$0		$24,093,000			
2022 Balance			$24,093,000	66%	$12,669,000	34%
End Balance*[e]			$235,449,000	60%	$156,658,000	40%
			$235,264,200	60%	$156,842,800	40%
			$184,800		-$184,800	

Notes:

*[a] As per $45 million total commitment.

*[b] Carryover included in the next RTIP fund estimate because no project was ready to utilize for any phase of development.

*[c] The 2006 RTIP and 2016 RTIP do not offer any new programming dollars instead existing unallocated programming from previous RTIP cycles has been respread.

*[d] $145 million of 1998 RTIP funds were dedicated to the former Kern River Freeway in the Metro area at the beginning of SB45 and before the 60/40 policy adoption. The "End Balance" is calculated without the $145 million.

*[e] "End Balance" analysis consists of the sum of committed programming. Kern COG staff was careful not to double count any commitments. Please bring any corrections to the attention of Kern COG staff.

Kern Council of Governments

VI.
TTAC

April 5, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VI.
CMAQ FUNDING REQUEST

DESCRIPTION:

Kern COG staff has received a request for Congestion Mitigation Air Quality (CMAQ) Program funds. Kern COG staff has reviewed options for the CMAQ funding available.

DISCUSSION:

At the March 1st Transportation Technical Advisory Committee (TTAC) meeting, the City of Taft presented a request to revise their Congestion Mitigation Air Quality (CMAQ) Program transit project. The TTAC and the Kern COG Board approved the changes. This left an unprogrammed balance of $133,459 CMAQ in this fiscal year and $860,210 CMAQ for next fiscal year (total $993,669). Since then California City has received construction bids on their CMAQ project and is underfunded. California City is requesting an additional $1,078,128 in CMAQ funds.

Original programming in the Federal Transportation Improvement Program (FTIP) for the City of California CMAQ project is shown below:

KER200502 CMAQ In California City: Mendiburu Rd from Hacienda Blvd to Neuralia Rd; surface unpaved street CML 5399(031)	FY 20/21	$33,641 CMAQ	$4,359 Local	$38,000 total	E-76 authorized 1/28/21
	FY 21/22	$1,693,381 CMAQ	$246,897 Local	$1,940,278 total	E-76 authorized 2/16/22

Kern COG staff seeks TTAC direction on which option to forward to the Transportation Planning Policy Committee.

Option 1: Select California City to receive $993,669 in CMAQ funding. This option would not require an amendment to the FTIP. California City would request an E-76 AMOD. This option would allow the project to be delivered. This action uses all available CMAQ funds.

Option 2: Do nothing. This action leaves a balance of $133,459 CMAQ unprogrammed for this fiscal year and $860,210 for next fiscal year (total $993,669). If the Kern COG Board approves this option, Kern COG could wait for projects in FY 23/24 to request advancement to FY 22/23 on a case-by-case basis. Kern COG could potentially lose funding since Kern COG staff has not received requests for CMAQ advancements.

Reminder: Regions can only use their own obligational authority until May 1st, then it is “first-come-first-served” until the obligational authority statewide is gone.

Kern COG staff does not have a recommendation due to existing policies in place:

- CMAQ policy requires an applicant council resolution that states: cost increases must be funded by the APPLICANT from other funds, and that APPLICANT does not expect any cost increases to be funded with additional CMAQ funding.

California City recommends Option 1.

ACTION: Request for Transportation Technical Advisory Committee recommendation to the Transportation Planning Policy Committee. ROLL CALL VOTE

Kern Council of Governments

VII.
TTAC

April 5, 2023

TO: Transportation Technical Advisory Committee (TTAC)

From: Ahron Hakimi, Executive Director

By: Irene Enriquez
Regional Planner

SUBJECT: TTAC AGENDA ITEM: VII.
FY 2022-23 KERN REGION ESTIMATED LOW CARBON TRANSIT OPERATIONS PROGRAM (LCTOP) CALL FOR PROJECTS $2,369,913

DESCRIPTION:

Annual Caltrans funding is available for transit expansion projects that reduce greenhouse gas emissions for a very limited time through Low Carbon Transit Operations Program (LCTOP). The region is estimated to receive a total of $2,369,913. Member agencies eligible for LCTOP funds were e-mailed the regional apportionment Wednesday, March 15, 2023.

DISCUSSION:

Kern COG staff received an apportionment estimate from Caltrans staff for the Kern Region for the Low Carbon Transit Operations Prorgram. Caltrans will administer the LCTOP funding program in two accounts: 99313 (Kern COG Regional) and 99314 (Agency only) similar to the Proposition 1B program. The hard deadline to receive LCTOP allocation requests from member agencies and a Kern COG Board adopted a program of projects is estimated to be **Monday, May 1, 2023.**

Expenditures Eligible for funding

Funding for the program shall be expended to provide transit operating or capital assistance that meet all of the following criteria:

1. Expenditures supporting new expanded bus or rail services, or expanded intermodal transit facilities, and may include equipment acquisition, fueling, and maintenance, and other costs to operate those services or facilities.

2. The recipient transit agency demonstrates that each expenditure directly enhances or expands transit service to increase mode share.

3. The recipient transit agency demonstrates that each expenditure reduces greenhouse gas emissions.

Example of Eligible Projects

Expand transit services:

1. Implement bus rapid transit (for new routes or expansion of existing routes).

2. Increase service (extend transit routes, increase the frequency of service, and extend service hours).

3. Free or reduced-fare transit passes/vouchers.

4. Increase capacity on routes nearing capacity (add more buses, or rail cars to existing routes).

5. Purchase zero-emission or hybrid vehicles and equipment (e.g. buses, railcars, auxiliary electrical power units).

6. Expanded intermodal transit facilities.

7. Install new transit stops/stations that connect to bike/pedestrian paths.

8. Upgrade transit vehicles to support active transportation and encourage ridership (e.g., bicycle racks on buses; bicycle storage on rail cars).

Since the SCO has apportioned these monies for use in the fiscal year 2022-23, Kern COG staff suggests the following project timeline:

Present the FY 2022-23 SCO generated program of projects (POP) to the Transportation Technical Advisory Committee (TTAC) members at the **April 5, 2023** meeting.

Presentation and adoption of the Kern COG FY 2022-23 LCTOP POP and submittal of the member agencies allocation request **March 24, 2023 (to ensure making the April 20, 2023 Transportation Planning Policy Committee Agenda)**.

All FY 2022-23 LCTOP completed project applications (with supporting documents) are due to Caltrans LCTOP staff by Monday, May 1, 2023.

Should you have any questions or require additional information, please contact Irene Enriquez, Regional Planner at **(661) 635-2918** or E-mail at ienriquez@kerncog.org.

ACTION:

Member agencies provide LCTOP Regional Proposed Project (99313) Titles to Kern COG no later than **Friday, March 24, 2023**. Provide applications to Caltrans by **May 1, 2023**.

Attachment: FY 2022-23 State Controller Apportionment Schedule
Draft Kern COG FY 2022-23 LCTOP POP

MALIA M. COHEN
California State Controller

March 1, 2023

County Auditors
Transportation Planning Agencies
County Transportation Commissions
San Diego Metropolitan Transit System

SUBJECT: Low Carbon Transit Operations Program

Pursuant to Health and Safety Code section 39719(b)(1)(B), the State Controller's Office shall allocate five percent of the annual proceeds from the Greenhouse Gas Reduction Fund to the Low Carbon Transit Operations Program. The allocation is made according to the requirements of the Low Carbon Transit Operations Program and pursuant to the distribution formula in sections 99312(b) or (c), 99313, and 99314 of the Public Utilities Code. Enclosed is a schedule that provides the amounts available for the Fiscal Year 2022-23 Low Carbon Transit Operations Program.

Please contact Ou Saelee by telephone at (916) 322-4622 or by email at Osaelee@sco.ca.gov with any questions or for additional information.

Sincerely,

MELMA DIZON
Manager
Local Apportionments Section

Enclosures

STATE CONTROLLER'S OFFICE
LOW CARBON TRANSIT OPERATIONS PROGRAM
ELIGIBLE ALLOCATION FISCAL YEAR 2022-23 SUMMARY

Regional Entity	PUC 99313 Fiscal Year 2022-23 Eligible Allocation	PUC 99314 Fiscal Year 2022-23 Eligible Allocation	Total Fiscal Year 2022-23 Eligible Allocation
	A	**B**	**C= (A + B)**
Metropolitan Transportation Commission	$ 18,688,737	$ 51,540,787	$ 70,229,524
Sacramento Area Council of Governments	4,858,195	1,666,967	6,525,162
San Diego Association of Governments	2,327,190	572,951	2,900,141
San Diego Metropolitan Transit System	5,741,904	2,358,945	8,100,849
Tahoe Regional Planning Agency	264,873	15,199	280,072
Alpine County Transportation Commission	2,946	216	3,162
Amador County Transportation Commission	98,914	3,446	102,360
Butte County Association of Governments	494,871	27,421	522,292
Calaveras County Local Transportation Commission	110,578	1,341	111,919
Colusa County Local Transportation Commission	53,528	2,379	55,907
Del Norte County Local Transportation Commission	66,810	3,454	70,264
El Dorado County Local Transportation Commission	426,741	29,218	455,959
Fresno County Council of Governments	2,482,293	449,765	2,932,058
Glenn County Local Transportation Commission	70,570	2,011	72,581
Humboldt County Association of Governments	331,786	55,325	387,111
Imperial County Transportation Commission	440,185	41,928	482,113
Inyo County Local Transportation Commission	46,584	0	46,584
Kern Council of Governments	2,233,247	136,666	2,369,913
Kings County Association of Governments	373,159	14,951	388,110
Lake County/City Council of Governments	165,459	8,423	173,882
Lassen County Local Transportation Commission	74,311	3,155	77,466
Los Angeles County Metropolitan Transportation Authority	24,205,580	31,861,375	56,066,955
Madera County Local Transportation Commission	386,348	12,859	399,207
Mariposa County Local Transportation Commission	41,839	1,233	43,072
Mendocino Council of Governments	220,914	16,171	237,085
Merced County Association of Governments	697,942	33,501	731,443
Modoc County Local Transportation Commission	21,331	1,818	23,149
Mono County Local Transportation Commission	32,840	47,688	80,528
Transportation Agency for Monterey County	1,064,609	331,584	1,396,193
Nevada County Local Transportation Commission	248,511	11,687	260,198
Orange County Transportation Authority	7,762,117	2,782,569	10,544,686
Placer County Transportation Planning Agency	779,907	111,574	891,481
Plumas County Local Transportation Commission	46,495	7,210	53,705
Riverside County Transportation Commission	5,978,294	979,130	6,957,424
Council of San Benito County Governments	160,726	2,556	163,282
San Bernardino County Transportation Authority	5,369,891	1,135,527	6,505,418
San Joaquin Council of Governments	1,925,155	435,767	2,360,922
San Luis Obispo Area Council of Governments	689,064	47,366	736,430
Santa Barbara County Association of Governments	1,092,709	275,664	1,368,373
Santa Cruz County Transportation Commission	654,314	589,049	1,243,363
Shasta Regional Transportation Agency	443,135	22,928	466,063
Sierra County Local Transportation Commission	7,926	300	8,226
Siskiyou County Local Transportation Commission	107,586	4,581	112,167
Stanislaus Council of Governments	1,348,731	76,625	1,425,356
Tehama County Transportation Commission	159,678	3,286	162,964
Trinity County Transportation Commission	39,330	1,287	40,617
Tulare County Association of Governments	1,165,980	123,406	1,289,386
Tuolumne County Transportation Council	135,719	3,432	139,151
Ventura County Transportation Commission	2,046,301	331,131	2,377,432
State Totals	$ 96,185,853	$ 96,185,852	$ 192,371,705

STATE CONTROLLER'S OFFICE
LOW CARBON TRANSIT OPERATIONS PROGRAM
FISCAL YEAR 2022-23 PUC 99314 ALLOCATION DETAIL

Regional Entity and Operator(s)	Revenue Basis	Fiscal Year 2022-23 Eligible Allocation
Altamont Corridor Express*		
Alameda County Congestion Management Agency	$ NA	$ 75,230
Santa Clara Valley Transportation Authority	NA	43,402
San Joaquin Regional Rail Commission	NA	243,052
Regional Entity Totals	0	361,684
Metropolitan Transportation Commission		
Alameda-Contra Costa Transit District, San Francisco Bay Area Rapid Transit District, and the City of San Francisco**	2,032,465,904	34,318,686
Central Contra Costa Transit Authority	12,684,408	214,179
City of Dixon	123,850	2,091
Eastern Contra Costa Transit Authority	6,132,724	103,553
City of Fairfield	2,250,751	38,004
Golden Gate Bridge Highway and Transportation District	138,827,667	2,344,139
Livermore-Amador Valley Transit Authority	6,084,421	102,737
Marin County Transit District	23,726,064	400,620
Napa Valley Transportation Authority	1,722,522	29,085
Peninsula Corridor Joint Powers Board	144,681,126	2,442,976
City of Petaluma	739,065	12,479
City of Rio Vista	39,373	665
San Francisco Bay Area Water Emergency Transportation Authority (WETA)	39,452,081	666,158
San Mateo County Transit District	145,105,738	2,450,146
Santa Clara Valley Transportation Authority	439,800,215	7,426,137
City of Santa Rosa	2,483,478	41,934
Solano County Transit (SOLTRANS)	5,290,076	89,324
County of Sonoma	3,459,517	58,415
Sonoma-Marin Area Rail Transit District	29,993,581	506,449
City of Union City	1,879,467	31,735
City of Vacaville	402,817	6,802
Western Contra Costa Transit Authority	8,044,931	135,841
Regional Entity Subtotals	3,045,389,776	51,422,155
Alameda County Congestion Management Agency - Corresponding to ACE*	NA	75,230
Santa Clara Valley Transportation Authority - Corresponding to ACE*	NA	43,402
Regional Entity Totals	3,045,389,776	51,540,787
Sacramento Area Council of Governments		
City of Davis (Unitrans)	2,957,630	49,940
County of Sacramento	1,189,071	20,078
Sacramento Regional Transit System	88,543,261	1,495,075
Yolo County Transportation District	4,689,895	79,190
Yuba Sutter Transit Authority	1,343,449	22,684
Regional Entity Totals	98,723,306	1,666,967
San Diego Association of Governments		
North County Transit District	33,932,036	572,951

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* The estimated available amounts to the member agencies of Altamont Corridor Express are included with their corresponding transportation planning agency.

** The estimated available amounts for Alameda-Contra Costa Transit District, San Francisco Bay Area Rapid Transit District, and the City of San Francisco are combined.

STATE CONTROLLER'S OFFICE
LOW CARBON TRANSIT OPERATIONS PROGRAM
FISCAL YEAR 2022-23 PUC 99314 ALLOCATION DETAIL

Regional Entity and Operator(s)	Revenue Basis	Fiscal Year 2022-23 Eligible Allocation
San Diego Metropolitan Transit System		
San Diego Metropolitan Transit System	33,958,141	573,391
San Diego Transit Corporation	62,951,421	1,062,950
San Diego Trolley, Inc.	42,794,978	722,604
Regional Entity Totals	139,704,540	2,358,945
Southern California Regional Rail Authority***		
Los Angeles County Metropolitan Transportation Authority	NA	2,004,568
Orange County Transportation Authority	NA	880,298
Riverside County Transportation Commission	NA	447,948
San Bernardino County Transportation Authority	NA	452,348
Ventura County Transportation Commission	NA	214,375
Regional Entity Totals	0	3,999,537
Tahoe Regional Planning Agency		
Tahoe Transportation District	900,147	15,199
Alpine County Transportation Commission		
County of Alpine	12,816	216
Amador County Transportation Commission		
Amador Transit	204,076	3,446
Butte County Association of Governments		
Butte Regional Transit	1,601,714	27,046
City of Gridley - Specialized Service	22,232	375
Regional Entity Totals	1,623,946	27,421
Calaveras County Local Transportation Commission		
Calaveras Transit Agency	79,417	1,341
Colusa County Local Transportation Commission		
County of Colusa	140,877	2,379
Del Norte County Local Transportation Commission		
Redwood Coast Transit Authority	204,530	3,454
El Dorado County Local Transportation Commission		
El Dorado County Transit Authority	1,730,379	29,218

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STATE CONTROLLER'S OFFICE
LOW CARBON TRANSIT OPERATIONS PROGRAM
FISCAL YEAR 2022-23 PUC 99314 ALLOCATION DETAIL

Regional Entity and Operator(s)	Revenue Basis	Fiscal Year 2022-23 Eligible Allocation
Fresno County Council of Governments		
City of Clovis	1,770,328	29,892
City of Fresno	22,991,076	388,210
Fresno County Rural Transit Agency	1,875,194	31,663
Regional Entity Totals	26,636,598	449,765
Glenn County Local Transportation Commission		
County of Glenn Transit Service	119,071	2,011
Humboldt County Association of Governments		
City of Arcata	213,054	3,597
Humboldt Transit Authority	3,063,481	51,728
Regional Entity Totals	3,276,535	55,325
Imperial County Transportation Commission		
Imperial County Transportation Commission (ICTC)	2,462,028	41,572
Quechan Indian Tribe	21,107	356
Regional Entity Totals	2,483,135	41,928
Inyo County Local Transportation Commission	None	None
Kern Council of Governments		
City of Arvin	62,152	1,049
City of California City	25,760	435
City of Delano	279,451	4,719
Golden Empire Transit District	5,882,508	99,327
County of Kern	1,194,767	20,174
City of McFarland	12,106	204
City of Ridgecrest	159,250	2,689
City of Shafter	57,568	972
City of Taft	360,169	6,082
City of Tehachapi	28,252	477
City of Wasco	31,839	538
Regional Entity Totals	8,093,822	136,666
Kings County Association of Governments		
City of Corcoran	122,620	2,070
Kings County Area Public Transit Agency	762,823	12,881
Regional Entity Totals	885,443	14,951
Lake County/City Council of Governments		
Lake Transit Authority	498,852	8,423
Lassen County Local Transportation Commission		
Lassen Transit Service Agency	186,872	3,155
Los Angeles County Metropolitan Transportation Authority		
Antelope Valley Transit Authority	20,326,872	343,224
City of Arcadia	1,607,131	27,137
City of Burbank	3,769,842	63,655
City of Claremont	456,234	7,704
City of Commerce	4,235,696	71,521
City of Culver City	15,278,536	257,982
Foothill Transit	67,815,955	1,145,089
City of Gardena	13,772,242	232,548
City of Glendale	8,225,171	138,884
City of La Mirada	874,670	14,769

STATE CONTROLLER'S OFFICE
LOW CARBON TRANSIT OPERATIONS PROGRAM
FISCAL YEAR 2022-23 PUC 99314 ALLOCATION DETAIL

Regional Entity and Operator(s)	Revenue Basis	Fiscal Year 2022-23 Eligible Allocation
Long Beach Public Transportation Company	60,542,189	1,022,270
City of Los Angeles	98,801,791	1,668,293
County of Los Angeles	6,316,927	106,663
Los Angeles County Metropolitan Transportation Authority	1,332,273,335	22,495,758
City of Montebello	20,096,742	339,338
City of Norwalk	9,188,277	155,146
City of Pasadena	7,704,457	130,092
City of Redondo Beach	2,905,619	49,062
City of Santa Clarita	26,010,198	439,189
City of Santa Monica	47,544,183	802,795
Southern California Regional Rail Authority***	236,865,779	NA
City of Torrance	20,472,763	345,688
Regional Entity Subtotals	2,005,084,609	29,856,807
Los Angeles County Metropolitan Transportation Authority - Corresponding to SCRRA***	NA	2,004,568
Regional Entity Totals	2,005,084,609	31,861,375
Madera County Local Transportation Commission		
City of Chowchilla	524,476	8,856
City of Madera	169,785	2,867
County of Madera	67,286	1,136
Regional Entity Totals	761,547	12,859
Mariposa County Local Transportation Commission		
County of Mariposa	73,004	1,233
Mendocino Council of Governments		
Mendocino Transit Authority	957,692	16,171
Merced County Association of Governments		
Transit Joint Powers Authority of Merced County	1,025,125	17,310
Yosemite Area Regional Transportation System (YARTS)	958,913	16,191
Regional Entity Totals	1,984,038	33,501
Modoc County Local Transportation Commission		
Modoc Transportation Agency	107,653	1,818
Mono County Local Transportation Commission		
Eastern Sierra Transit Authority	2,824,223	47,688
Transportation Agency for Monterey County		
Monterey-Salinas Transit	19,637,486	331,584

*** The estimated available amounts to the member agencies of Southern California Regional Rail Authority are included with their corresponding transportation planning agency.

STATE CONTROLLER'S OFFICE
LOW CARBON TRANSIT OPERATIONS PROGRAM
FISCAL YEAR 2022-23 PUC 99314 ALLOCATION DETAIL

Regional Entity and Operator(s)	Revenue Basis	Fiscal Year 2022-23 Eligible Allocation
Nevada County Local Transportation Commission		
County of Nevada	369,077	6,232
City of Truckee	323,083	5,455
Regional Entity Totals	692,160	11,687
Orange County Transportation Authority		
City of Laguna Beach	1,910,271	32,255
Orange County Transportation Authority	110,748,483	1,870,016
Regional Entity Subtotals	112,658,754	1,902,271
Orange County Transportation Authority - Corresponding to SCRRA***	NA	880,298
Regional Entity Totals	112,658,754	2,782,569
Placer County Transportation Planning Agency		
City of Auburn	21,830	369
County of Placer	5,410,141	91,351
City of Roseville	1,175,827	19,854
Regional Entity Totals	6,607,798	111,574
Plumas County Local Transportation Commission		
County of Plumas	346,829	5,856
County Service Area 12 - Specialized Service	80,198	1,354
Regional Entity Totals	427,027	7,210
Riverside County Transportation Commission		
City of Banning	208,349	3,518
City of Beaumont	318,557	5,379
City of Corona	426,555	7,202
Palo Verde Valley Transit Agency	175,762	2,968
City of Riverside - Specialized Service	493,635	8,335
Riverside Transit Agency	18,329,390	309,497
Sunline Transit Agency	11,506,078	194,283
Regional Entity Subtotals	31,458,326	531,182
Riverside County Transportation Commission - Corresponding to SCRRA***	NA	447,948
Regional Entity Totals	31,458,326	979,130
Council of San Benito County Governments		
San Benito County Local Transportation Authority	151,384	2,556
San Bernardino County Transportation Authority		
Morongo Basin Transit Authority	1,027,787	17,354
Mountain Area Regional Transit Authority	564,732	9,536
City of Needles	58,190	983
Omnitrans	34,279,207	578,812
Victor Valley Transit Authority	4,530,204	76,494
Regional Entity Subtotals	40,460,120	683,179
San Bernardino County Transportation Authority - Corresponding to SCRRA***	NA	452,348
Regional Entity Totals	40,460,120	1,135,527

*** The estimated available amounts to the member agencies of Southern California Regional Rail Authority are included with their corresponding transportation planning agency.

STATE CONTROLLER'S OFFICE
LOW CARBON TRANSIT OPERATIONS PROGRAM
FISCAL YEAR 2022-23 PUC 99314 ALLOCATION DETAIL

Regional Entity and Operator(s)	Revenue Basis	Fiscal Year 2022-23 Eligible Allocation
San Joaquin Council of Governments		
Altamont Corridor Express (ACE)*	21,420,132	NA
City of Escalon	51,911	877
City of Lodi	887,825	14,991
City of Manteca	77,826	1,314
City of Ripon	44,345	749
San Joaquin Regional Transit District	10,156,807	171,500
City of Tracy	194,489	3,284
Regional Entity Subtotals	32,833,335	192,715
San Joaquin Regional Rail Commission - Corresponding to ACE*	NA	243,052
Regional Entity Totals	32,833,335	435,767
San Luis Obispo Area Council of Governments		
City of Arroyo Grande - Specialized Service	0	0
City of Atascadero	37,783	638
City of Morro Bay	42,401	716
City of Pismo Beach - Specialized Service	0	0
City of San Luis Obispo Transit	821,105	13,865
San Luis Obispo Regional Transit Authority	1,903,882	32,147
Regional Entity Totals	2,805,171	47,366
Santa Barbara County Association of Governments (SBCAG)		
City of Guadalupe	69,525	1,174
City of Lompoc	136,501	2,305
County of Santa Barbara	0	0
Santa Barbara County Association of Governments (SBCAG)	1,620,453	27,362
Santa Barbara Metropolitan Transit District	13,488,703	227,760
City of Santa Maria	906,214	15,302
City of Solvang	104,313	1,761
Regional Entity Totals	16,325,709	275,664
Santa Cruz County Transportation Commission		
Santa Cruz Metropolitan Transit District	34,885,448	589,049
Shasta Regional Transportation Agency		
Redding Area Bus Authority	1,357,867	22,928
Sierra County Local Transportation Commission		
County of Sierra - Specialized Service	17,768	300
Siskiyou County Local Transportation Commission		
County of Siskiyou	271,330	4,581

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* The estimated available amounts to the member agencies of Altamont Corridor Express are included with their corresponding transportation planning agency.

STATE CONTROLLER'S OFFICE
LOW CARBON TRANSIT OPERATIONS PROGRAM
FISCAL YEAR 2022-23 PUC 99314 ALLOCATION DETAIL

Regional Entity and Operator(s)	Revenue Basis	Fiscal Year 2022-23 Eligible Allocation
Stanislaus Council of Governments		
Stanislaus Regional Transit Authority	4,244,345	71,666
City of Turlock	293,666	4,959
Regional Entity Totals	4,538,011	76,625
Tehama County Transportation Commission		
County of Tehama	194,589	3,286
Trinity County Transportation Commission		
County of Trinity	76,212	1,287
Tulare County Association of Governments		
City of Dinuba	276,368	4,667
City of Porterville	846,792	14,298
City of Tulare	589,094	9,947
County of Tulare	1,191,032	20,111
City of Visalia	4,391,535	74,152
City of Woodlake	13,667	231
Regional Entity Totals	7,308,488	123,406
Tuolumne County Transportation Council		
Tuolumne County Transit Agency	203,234	3,432
Ventura County Transportation Commission		
City of Camarillo	751,079	12,682
Gold Coast Transit District	4,272,461	72,142
City of Moorpark	299,991	5,065
City of Simi Valley	1,167,392	19,712
City of Thousand Oaks	423,749	7,155
Regional Entity Subtotals	6,914,672	116,756
Ventura County Transportation Commission - Corresponding to SCRRA***	NA	214,375
Regional Entity Totals	6,914,672	331,131
STATE TOTALS	$ 5,696,443,829	$ 96,185,852

*** The estimated available amounts to the member agencies of Southern California Regional Rail Authority are included with their corresponding transportation planning agency.

Low Carbon Transit Operations Draft Program Attachment "A" Kern

Program of Projects County FY 2022/2023

Agency	Project Description	99313	99314	Total apportionment	Project Amount
Arvin	Microgrid (transit Infrastructure-renewable)	$48,260	$1,049	$49,309	
California City	Construct shade structure that will have solar panels that will support EV charging."	$36,743	$435	$37,178	
Delano	Free Fares	$125,960	$4,719	$130,679	
GET	Free Fares	$1,371,098	$99,327	$1,470,425	
Kern Transit	Free Fares for Students - $54,676 Funding for ZEB - $350,000	$384,502	$20,174	$404,676	
McFarland	Purchase Zero Emissions Bus	$34,162	$204	$34,366	
Ridgecrest	Electric Van Acquisition	$68,956	$2,689	$71,645	
Shafter	On-Demand Transit Expansion for Saturday Transit Service	$50,342	$972	$51,314	
Taft	Electric Charging Stations and related support infrastructure (Solar	$17,229	$6,082	$23,311	
Tehachapi	Unknown	$30,410	$477	$30,887	
Wasco	Bus shelters	$65,585	$538	$66,123	
Regional Totals		$2,233,247	$136,666	$2,369,913	
Regional Surplus					**Regional Surplus Amt.**
					$0

Kern Council of Governments

VIII.
TTAC

April 5, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: Ahron Hakimi
Executive Director

By: Linda Urata
Regional Planner

SUBJECT: TTAC AGENDA ITEM: VIII.
Kern Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint Final Draft

DESCRIPTION:

Kern COG was awarded a grant from the California Energy Commission (CEC) to develop a Kern Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint. A final draft document is posted to the Kern COG website. Kern COG invites comments to be submitted by 10:00 am on April 10, 2023.

DISCUSSION:

Kern Council of Governments in partnership with Gladstein, Neandross & Associates (GNA) and key stakeholders are working to develop a Blueprint that will identify major gaps in infrastructure for zero emission trucks and buses, community needs, available technology solutions, and ultimately a set of high impact 'shovel ready' infrastructure projects necessary for progress toward zero emission goods movement transportation in and through Kern County.

The California Energy Commission's (CEC's) Clean Transportation Program awarded Kern Council of Governments $199,929 in April 2021 through the CEC solicitation GFO-20-601. "The primary purpose of the grant is to fund planning "blueprints" that will identify actions and milestones needed for implementation of medium- and heavy-duty (MD|HD) zero-emission vehicles (ZEVs) and the related electric charging and/or hydrogen refueling infrastructure to accelerate the deployment of MD|HD ZEVs and ZEV infrastructure with a holistic and futuristic view of transportation planning."

The project approach is designed to accelerate the region's clean transportation goals. GNA identified five high priority, transformational projects throughout Kern County that can stimulate additional outside investment, whether privately sourced or through public grant funding. The sites are: The City of Arvin Public Works, Frito-Lay on SR 58, Tejon Ranch Commerce Center, WattEV, and Wonderful Industrial Park.

The Blueprint recommends specific actions that regional stakeholders should take to meet project goals as well as a proposed electric vehicle infrastructure implementation schedule. You will find the document on the Kern COG website, https://www.kerncog.org/?s=blueprint. Comments are due by 10:00 am on April 10, 2023.

Kern COG staff will present a final version of the Kern EVCS Blueprint during the regularly scheduled Kern COG Transportation Planning and Policy Committee meeting on April 20, 2023.

ACTION: Information only.

Kern Medium- and Heavy-Duty (MD/HD) Zero-Emission Vehicle Infrastructure Blueprint Fact Sheet

The Blueprint

The Kern region is challenged by poor air quality, with emissions from transportation contributing the majority of ozone and particulate matter emissions. Replacing diesel and gasoline fueled vehicles on the road with zero-emission vehicles (ZEVs) will reduce pollution from transportation emissions. Many of the state and regional funding programs designed to reduce transportation emissions and improve air quality by incentivizing ZEVs are undersubscribed due to a lack of essential infrastructure buildout. To support the build-out of necessary infrastructure, Kern Council of Governments in partnership with Gladstein, Neandross & Associates (GNA), developing a Blueprint for medium and heavy duty zero emission truck infrastructure in Kern County.

Project Innovation and Advantages

The objectives of this project are to support the deployment of successful MD/HD ZEV infrastructure projects through regional ZEV infrastructure planning. This planning will identify high-impact projects for prioritization, show how resources can be focused on these initiatives, and identify other needed actions, such as workforce development to enable the deployment of zero-emission trucks. Through working with local stakeholder groups and industry interests the Blueprint will evaluate an equitable and actionable pathway toward zero-emission transportation technologies. The Blueprint plan will include analysis of the technologies being deployed, and an effective strategy for planning infrastructure to support the transition to zero-emission commercial vehicles in the county.

Kern Council of Governments

gna

CEC Amount: $199,929
Co-funded Amount: $0

Project Location:
Kern County

Anticipated Benefits to California

The Blueprint will engage community members, private, and public stakeholders to community needs, identify major gaps in infrastructure for zero-emission trucks and buses, available technology solutions, and ultimately a set of high-impact 'shovel-ready' infrastructure projects necessary for progress. The Blueprint will help maximize MD/HD ZEV deployment leading to the achievement of transportation related criteria emissions and greenhouse gas reduction goals in and through Kern County. Fostering zero-emission infrastructure in this critical transportation network will extend these benefits throughout California. The Blueprint will also serve as an example and template for other counties across the state to achieve similar energy and emission reduction goals.

Specific Benefits

- **Business Opportunities**
  New vehicle technologies will require additional support services, fuel and energy production, and zero-emission fueling infrastructure will be required in numerous and varied locations throughout the county.
- **Job Creation**
  Jobs will be created in the construction and development of the additional fueling and charging infrastructure, and support personnel hired to maintain the industry will comprise a large employment sector in addition to the local training and education that will need to be implemented in the region.
- **Greenhouse Gas Emissions and Climate Pollutant Reduction**
  Zero-emission transportation in the commercial sector is the most direct strategy for reducing emission in Eastern Kern County and the San Joaquin Valley airsheds. Furthermore, the availability of zero-emission fueling infrastructure will allow long distance goods movement vehicles that traverse the region to be able to charge and fuel in Kern County, thereby bringing the benefits to surrounding regions.
- **Petroleum Displacement**
  Every vehicle mile traveled by zero emission MD/HD vehicles that use the infrastructure planned in this Blueprint will directly reduce the region's and the state's petroleum consumption.
- **Impact to Low Income and Disadvantaged Communities**
  Low Income and Disadvantaged Communities will benefit from the air quality improvements from displaced petroleum consumption. Lower-cost electric fuels will become more readily available for the county. Finally, the jobs created from the new a burgeoning industry will provide economic opportunity for Kern County.
- **Localized Health Impact**
  The existing poor air quality in Kern County will benefit directly from cleaner vehicles operating in, around, and through the region, and Low Income and Disadvantaged Communities that are most prone to poor air quality will benefit from the plans made through this zero emission MD/HD infrastructure Blueprint

Contacts

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GNA Project Team: Christian Hosler, Catherine Smith, Jazlyn Guerrero, Rachel Clevers, Mark Conolly

Kern Council of Governments

IX.
TTAC

April 5, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Ed Flickinger,
Regional Planner

SUBJECT: TTAC AGENDA ITEM: IX.
FEDERAL BRIDGE AND PAVEMENT CONDITION PERFORMANCE MEASURE TARGET REQUIREMENT

DESCRIPTION:

Caltrans has developed federal bridge and pavement condition performance measures (PM2) for jurisdictions with National Highway System (NHS) mileage (Kern, Bakersfield, Shafter, California City, Ridgecrest, and Caltrans), consistent with the state targets and the federal methodology.

DISCUSSION:

Recent Federal transportation spending bills require states and metropolitan planning organizations (MPOs) like Kern COG to monitor bridge and pavement condition.

In consultation with Kern COG Staff, Caltrans has established statewide and Kern regional targets. The statewide targets are based on an aggregate of all MPO submitted targets. Caltrans has developed a tool to predict bridge and pavement conditions, which is used in conjunction with the MPOs to set the targets. The tool currently includes estimates of local expenditures from the state controller office as defaults. The condition predictions can be improved if the total expected annual planned expenditure amounts on NHS routes are obtained from each affected jurisdiction. Informative Caltrans webinars showing this methodology are online at:
- Asset Performance Simulation tool (8/22) https://youtu.be/rBUa75G9wjU
- California Transportation Asset Management Plan Status and PM2 (5/22) https://youtu.be/bkKAdbFGK84.

MPOs were required to submit to Caltrans by September 3, 2021 and an update by June 22, 2022 the **NHS Pavement and Bridge Expected Performance Reporting Tool** results for development of the Caltrans Transportation Asset Management Plan (TAMP) and PM2

Target setting. Kern COG submitted the targets by the deadlines while having obtained input by the affected member agencies. The Caltrans TAMP target is the 10-year invested target and the PM2 target is the 4-year invested target. The Caltrans goal is the 10-year target in the last column of figures 1 & 2.

If California does not achieve the established statewide aggregate 4-year targets, then the state is required to develop an improvement plan in consultation with the MPOs. We need to make "progress" towards the target as determined by the Federal Highways Administration (FHWA) through the PM 2 reporting process. In addition, the FHWA will review how MPOs are addressing and achieving their targets (or assisting the state in achieving targets) during their 4-year Federal Certification Review. Maintaining Federal MPO Certification is a pre-requisite to receiving federal funding. Kern's next four-year review is April 11-13, 2023. At that review Kern COG intends to report the long-time and successful use of Regional Surface Transportation Program (RSTP) and Highway Bridge Programs by our member agencies for state of good repair projects on federal aid system routes including the NHS. In addition, the Kern COG board has an adopted policy for approving an RSTP project that could be used to prioritize maintenance projects on local NHS routes should Caltrans monitoring demonstrate failure to meet the targets in Kern. Kern COG can also consider project delivery policies that help prioritize bridge and pavement maintenance on the NHS.

As bridge and pavement conditions improve on the local NHS routes, the targets will improve automatically. Member agencies are encouraged to promote projects and policies that improve the NHS routes in their jurisdictions to help the region to perform as good or better than targets for our region.

Figure 1 - Pavement Condition

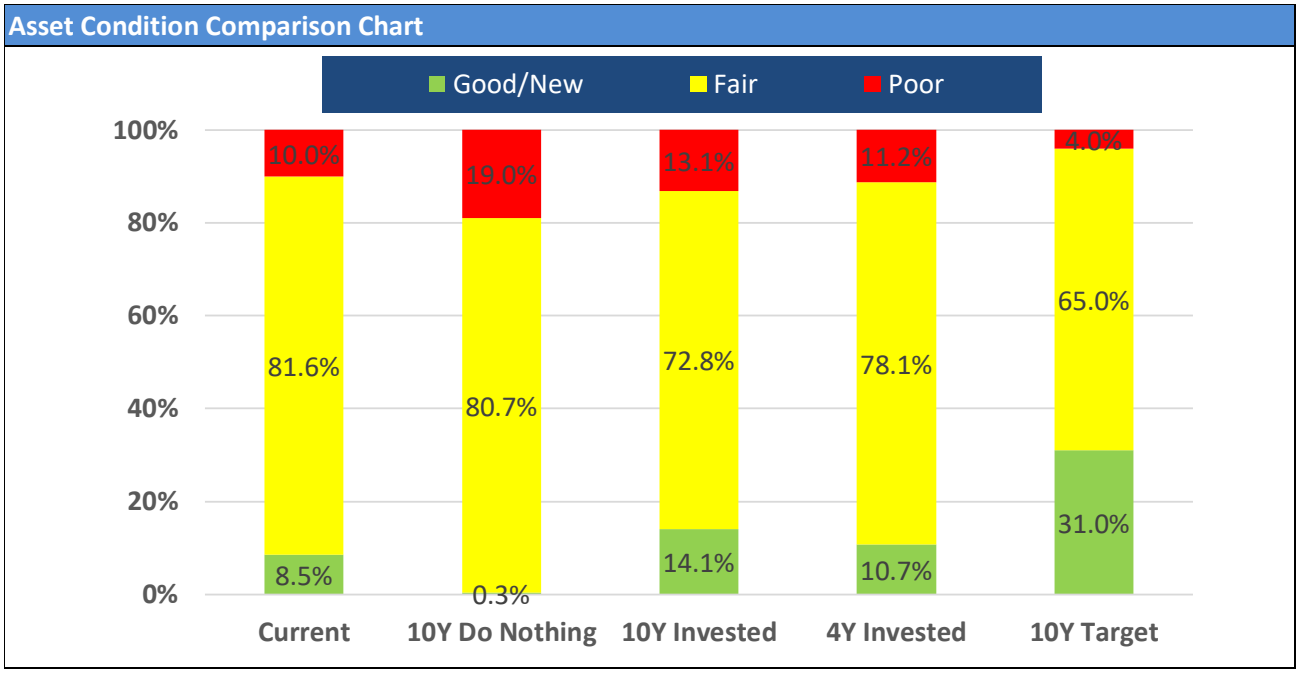
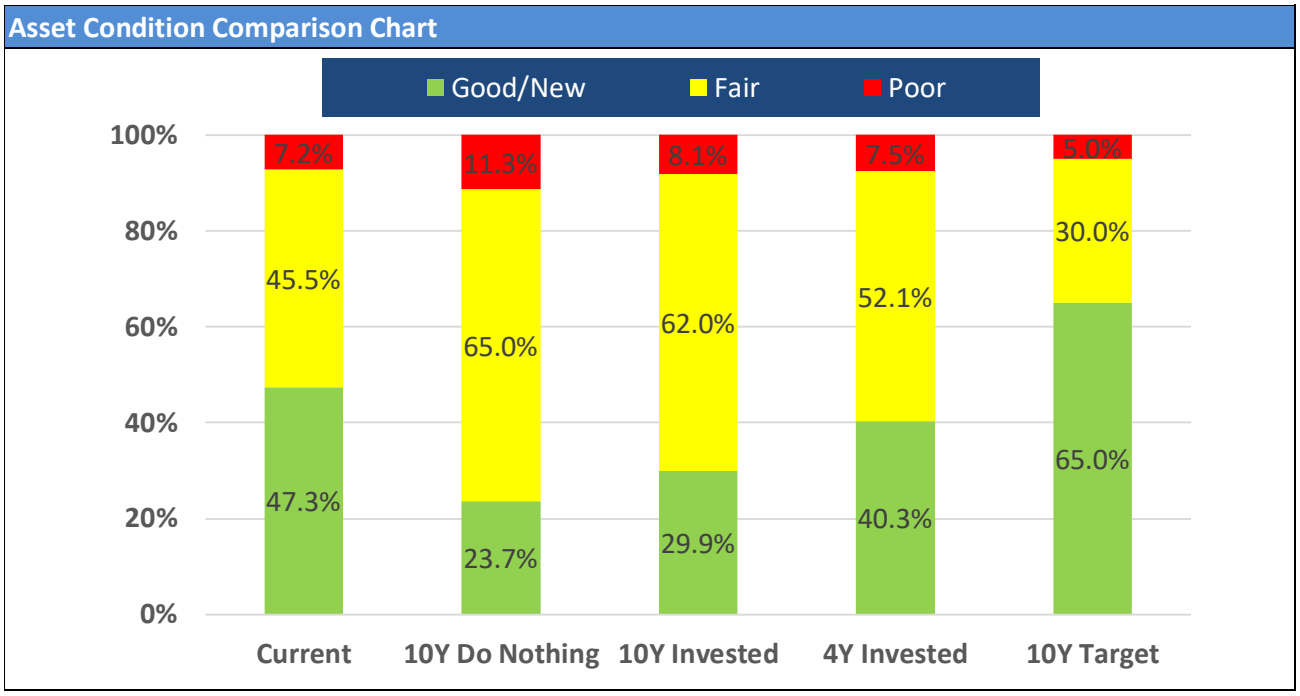


Figure 2 - Bridge Condition



Attached is a strategy to help our member agencies catch-up on their road maintenance with emphasis on preventive maintenance.

ACTION:

Information.

"Fix It First!" Pavement and Bridge Funding Strategy Stretches Road $$$

Preventive maintenance is crucial to roadway and bridge longevity. Expensive damage occurs to cars because of poor road conditions. The public demands that we "Fix it First." Here are prioritized tips to catch up on roadway maintenance:

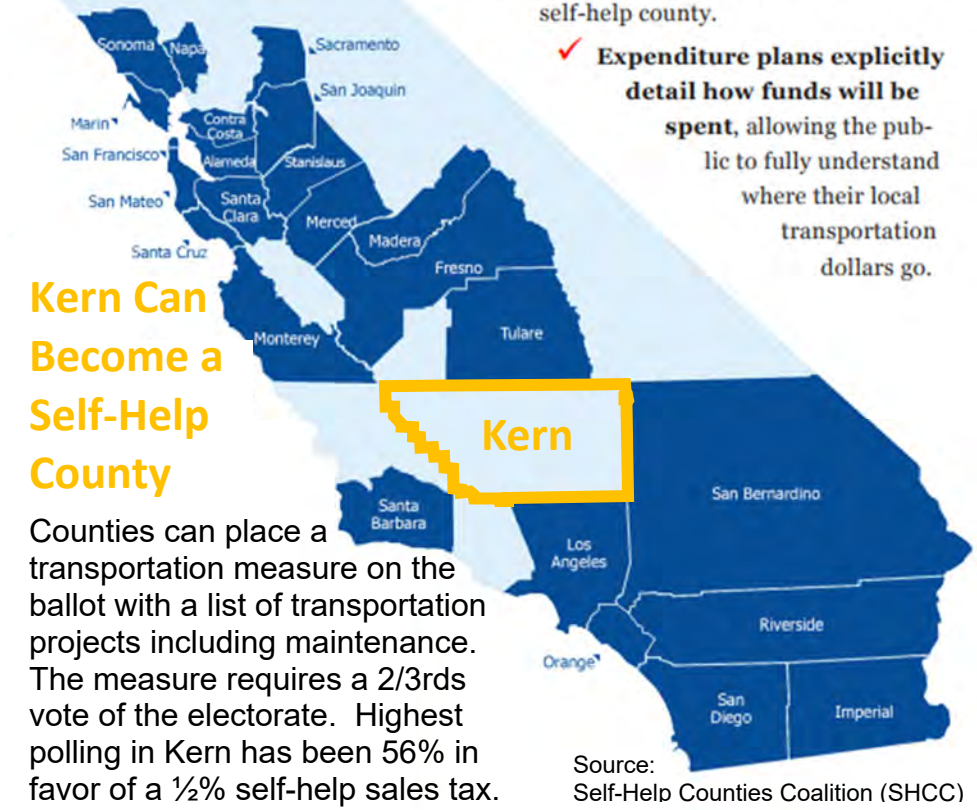
1) Oil all local roads every 2-years if possible – This stabilizes roads at their current level of degradation and helps prevent further deterioration.
2) After regular maintenance is fully funded, use every eligible road maintenance funding source to repair, rehabilitate, or rebuild the worst roadways in your jurisdiction even though the funds may be eligible for other projects.
3) Implement a Pavement Management System
4) Once all roadways are up to a Pavement Condition Index (PCI) of 80 out of 100, and regular maintenance is fully funded, SB1 LSRP, RSTP, & TDA funds can be freed up and used for other eligible transportation priorities.

Maintaining roads at 80 PCI is 1/10 the cost of having to rebuild a failed roadway, allowing a region to stretch its transportation funds for other priorities. Below are funding programs for pavement and bridge maintenance.

Funding Programs to Improve Federal Performance Measure (PM) 2 Goals: 1) Improve pavement and bridge condition		
Funding Programs	Pavement	Bridge
Local General Fund/Sales Tax	X	
Special Gas Tax State Fund	X	
Regional Surface Transportation Program (RSTP)	X	
SB1 Local Streets & Roads Program (LSRP)	X	
Transportation Development Account (TDA/LTF)	X	
Highway Safety Improvement Program (HSIP)	X	X
Highway Bridge Program (HBP)		X
Highway Infrastructure Program (HIP)		X

Kern is the Largest County in the State WITHOUT a Dedicated Local Sales Tax for Transportation & Roadway Maintenance

In California, 24 Self-Help Counties will fund approximately $194 billion of voter-approved transportation investments by mid-century, injecting billions each year into essential transportation programs and projects.



- ✓ The SHCC provides a **reliable and stable funding stream** that far outstrips state and federal funding on an annual basis.
- ✓ The SHCC has **extensive accountability** measures and six oversight on all taxpayer's dollars.
- ✓ The public has **direct access to local decision-makers**, and public meetings are held each month throughout the state with public opportunities to participate in every self-help county.
- ✓ **Expenditure plans explicitly detail how funds will be spent**, allowing the public to fully understand where their local transportation dollars go.

Kern Can Become a Self-Help County

Counties can place a transportation measure on the ballot with a list of transportation projects including maintenance. The measure requires a 2/3rds vote of the electorate. Highest polling in Kern has been 56% in favor of a ½% self-help sales tax.

Source:
Self-Help Counties Coalition (SHCC)

Kern County Roadways and Transportation

Pavement Maintenance Scenarios

Select Annual Spending Scenario

- (●) Current Spending Level ($55M) with Focus on Preventative Maintenance
- ( ) Current Spending Level ($55M) with Focus on Worst Roads
- ( ) Double Spending Level on Pavement Maintenance

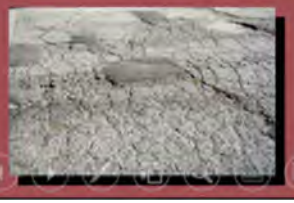
Pavement Condition

Good

Pavement Condition Index:
70 - 100

At Risk

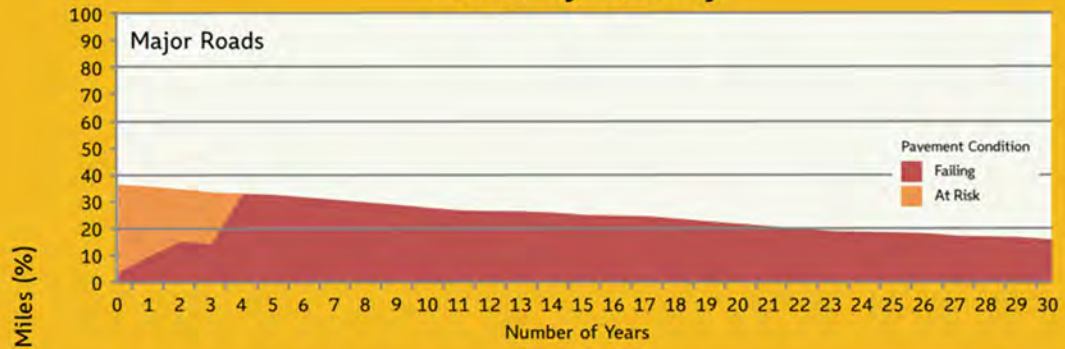
Pavement Condition Index:
25 - 69

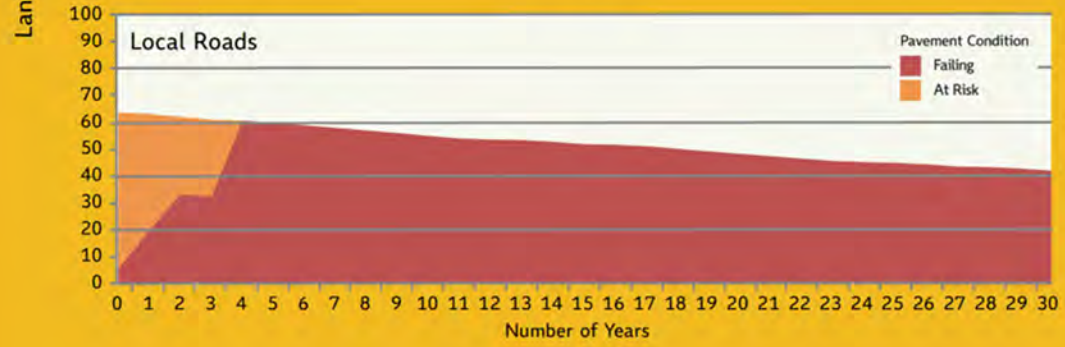


Failing

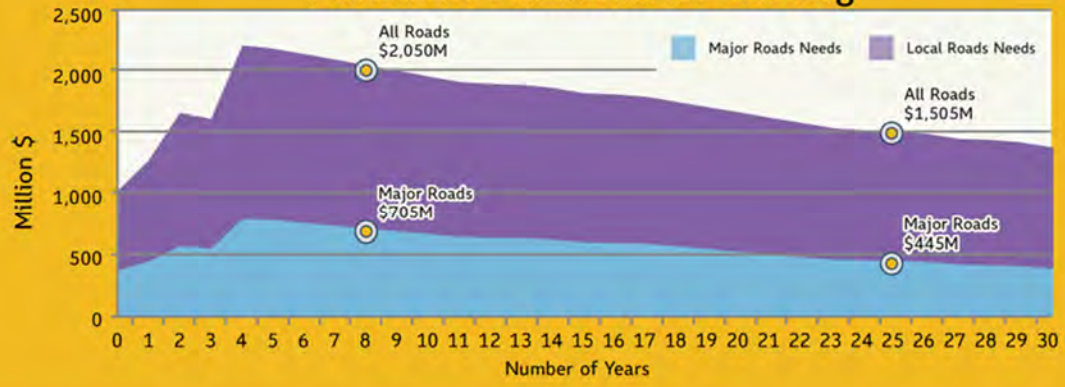
Pavement Condition Index:
0 - 24

Roadway Quality





Pavement Maintenance Backlog



Kern County Roadways and Transportation

Pavement Maintenance Scenarios

Select Annual Spending Scenario

- ○ Current Spending Level ($55M) with Focus on Preventative Maintenance
- ◉ Current Spending Level ($55M) with Focus on Worst Roads
- ○ Double Spending Level on Pavement Maintenance

Pavement Condition

Good

Pavement Condition Index:
70 - 100

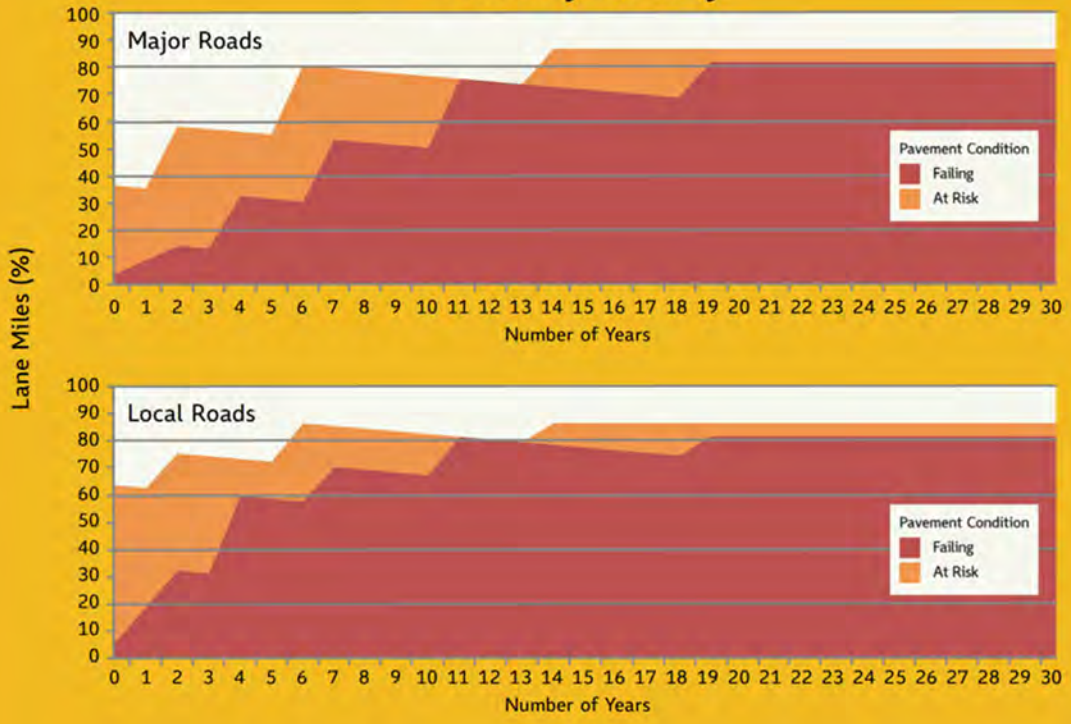
At Risk

Pavement Condition Index:
25 - 69

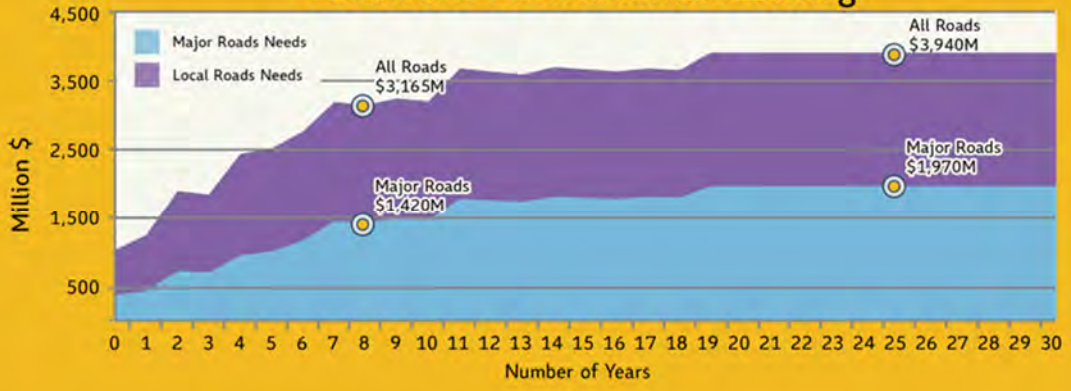
Failing

Pavement Condition Index:
0 - 24

Roadway Quality



Pavement Maintenance Backlog



Kern County Roadways and Transportation

Pavement Maintenance Scenarios

Select Annual Spending Scenario

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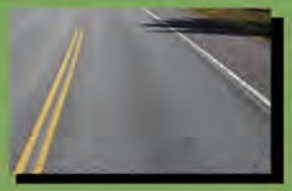
Pavement Condition



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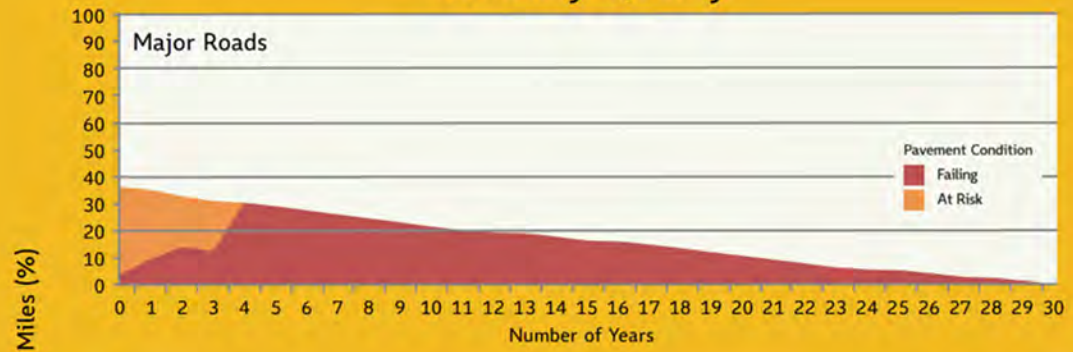
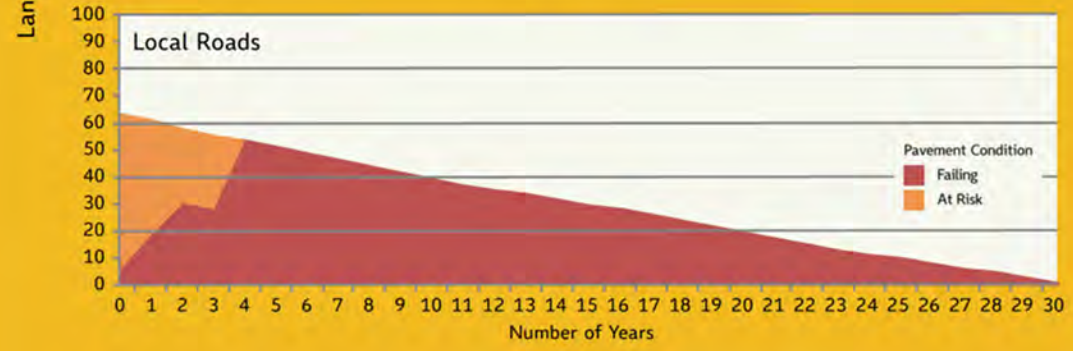
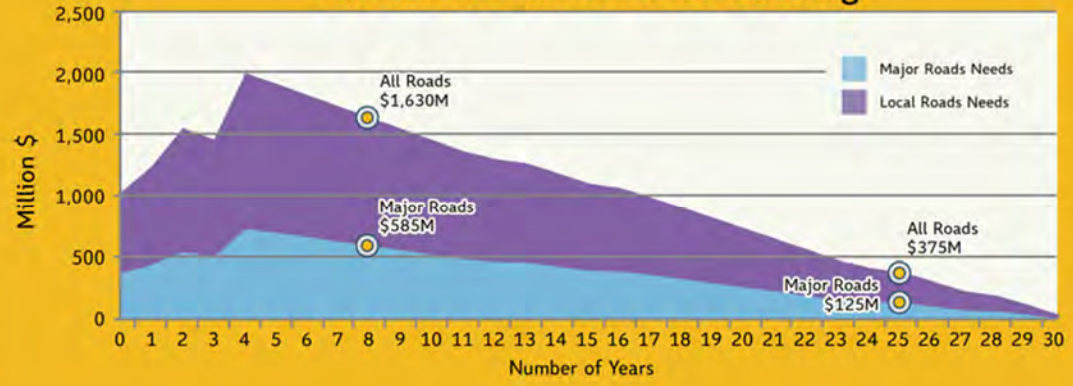
Roadway Quality





Pavement Maintenance Backlog



Kern Council of Governments

X.
TTAC

April 5, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: Ahron Hakimi,
Executive Director

BY: Angelica Banuelos
Administrative Assistant

SUBJECT: TTAC AGENDA ITEM: X.
FY 2023-2024 TRANSPORTATION DEVELOPMENT ACT APPORTIONMENT ESTIMATE

DESCRIPTION:

Pursuant to California Code of Regulations Section 6644, Kern Council of Governments (Kern COG) shall determine and advise all prospective claimants of the amounts of all area apportionments from the Transportation Development Act (TDA) Local Transportation Fund and State Transit Assistance Fund for the following fiscal year. Total TDA related funding for the 2023-2024 fiscal year is estimated to be $65,888,050.92.

DISCUSSION:

Based upon funding estimates prepared by the Kern County Auditor-Controller for the Local Transportation Fund #24075 and by the Controller of the State of California for the State Transit Assistance Fund #24076, Kern COG anticipates TDA funding for FY 2023-2024 to be as follows:

Fund	FY 2022/23 Amount	FY2023/24 Amount	Percent Incr.(Decr.)
Local Transportation Fund #24075	$48,190,075.73	$54,367,690.92	12.82%
State Transit Assistance Fund #24076	$ 9,031,271.00	$ 11,520,360.00	27.56%
TOTAL	$57,221,346.73	$65,888,050.92	15.15%

Attached are specific estimates by area of apportionment. Prospective claimants are reminded that the amounts cited represent **estimates** and that available funding will vary with actual tax receipts. In addition, these estimates will be revised in response to new local population estimates provided by the California Department of Finance in May 2023. Finally, the State Transit Assistance Fund estimate is subject to the discretion of the state budgetary process and should be accepted with caution. This information has been forwarded to staff representatives of each prospective claimant.

ACTION: Information.

Attachments:
Kern County Fiscal Year 2023-24 Local Transportation estimate
California State Controller Fiscal Year 2023-24 State Transit Assistance Allocation Preliminary Estimate
Kern COG FY 2023-24 Apportionment schedule A and B

MEMORANDUM

Date: March 2, 2023

To: Kern COG

Attn: Greg Palomo, Administrative Officer

From: Aimee X Espinoza
Auditor-Controller-County Clerk

By: Lea Perez, Senior Accountant, FMS

Subject: Fiscal year 2023-2024 Local Transportation Estimate

Pursuant to California Code of Regulations Code Section 6620, we are providing you with the estimate of sales tax revenue for the Local Transportation Fund 24075.

Fiscal Year 2023-2024 $54,367,690.92

If you have any questions or need additional information, please contact me at (661) 868-3501 or perezl@kerncounty.com.

State Controller's Office

Allocation Detail of State Transit Assistance Pursuant to Public Utilities Code (PUC) section 99313.

Fiscal Year 2023-2024 Estimate

Revised as of February 9, 2023

More information at http://www.sco.ca.gov/ard_local_apportionments.html

For assistance, please call Mike Silvera at 916-323-0704.

County	PUC Section 99313 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)	PUC Section 99313 Funds from Revenue and Taxation Code sections 6051.8(b), and 6201.8(b)	PUC section 99313 Total Amount
Metropolitan Transportation Commission (Alameda County Treasurer)	$49,936,188.00	$40,911,426.00	$90,847,614.00
Alpine County Transportation Commission (Alpine County Treasurer)	$7,870.00	$6,448.00	$14,318.00
Amador County Transportation Commission (Amador County Treasurer)	$264,297.00	$216,532.00	$480,829.00
Butte County Association of Governments (Butte County Treasurer)	$1,322,293.00	$1,083,321.00	$2,405,614.00
Calaveras County Local Transportation Commission (Calaveras County Treasurer)	$295,464.00	$242,066.00	$537,530.00
Colusa County Local Transportation Commission (Colusa County Treasurer)	$143,026.00	$117,178.00	$260,204.00
Del Norte County Local Transportation Commission (Del Norte County Treasurer)	$178,516.00	$146,253.00	$324,769.00
El Dorado County Local Transportation Commission (El Dorado County Treasurer)	$1,140,249.00	$934,177.00	$2,074,426.00
Tahoe Regional Planning Agency (El Dorado County Treasurer1)	$707,740.00	$579,833.00	$1,287,573.00
Fresno County Council of Governments (Fresno County Treasurer)	$6,632,672.00	$5,433,976.00	$12,066,648.00
Glenn County Local Transportation Commission (Glenn County Treasurer)	$188,564.00	$154,485.00	$343,049.00
Humboldt County Association of Governments (Humboldt County Treasurer)	$886,531.00	$726,312.00	$1,612,843.00
Imperial County Transportation Commission (Imperial County Treasurer)	$1,176,171.00	$963,607.00	$2,139,778.00
Inyo County Local Transportation Commission (Inyo County Treasurer)	$124,472.00	$101,976.00	$226,448.00
Kern Council of Governments (Kern County Treasurer)	$5,967,222.00	$4,888,791.00	$10,856,013.00
Kings County Association of Governments (Kings County Treasurer)	$997,079.00	$816,881.00	$1,813,960.00
Lake County/City Council of Governments (Lake County Treasurer)	$442,105.00	$362,205.00	$804,310.00
Lassen County Local Transportation Commission (Lassen County Treasurer)	$198,559.00	$162,674.00	$361,233.00
Los Angeles County Metropolitan Transportation Authority (Los Angeles County Treasurer)	$64,677,155.00	$52,988,318.00	$117,665,473.00
Madera County Local Transportation Commission (Madera County Treasurer)	$1,032,319.00	$845,752.00	$1,878,071.00
Mariposa County Local Transportation Commission (Mariposa County Treasurer)	$111,794.00	$91,590.00	$203,384.00

County	PUC Section 99313 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)	PUC Section 99313 Funds from Revenue and Taxation Code sections 6051.8(b), and 6201.8(b)	PUC section 99313 Total Amount
Mendocino Council of Governments (Mendocino County Treasurer)	$590,280.00	$483,601.00	$1,073,881.00
Merced County Association of Governments (Merced County Treasurer)	$1,864,898.00	$1,527,862.00	$3,392,760.00
Modoc County Local Transportation Commission (Modoc County Treasurer)	$56,995.00	$46,695.00	$103,690.00
Mono County Local Transportation Commission (Mono County Treasurer)	$87,749.00	$71,891.00	$159,640.00
Transportation Agency for Monterey County (Monterey County Treasurer)	$2,844,628.00	$2,330,530.00	$5,175,158.00
Nevada County Local Transportation Commission (Nevada County Treasurer)	$664,019.00	$544,014.00	$1,208,033.00
Orange County Transportation Authority (Orange County Treasurer)	$20,740,327.00	$16,992,013.00	$37,732,340.00
Placer County Transportation Planning Agency (Placer County Treasurer)	$2,083,907.00	$1,707,291.00	$3,791,198.00
Plumas County Local Transportation Commission (Plumas County Treasurer)	$124,236.00	$101,783.00	$226,019.00
Riverside County Transportation Commission (Riverside County Treasurer)	$15,973,963.00	$13,087,054.00	$29,061,017.00
Sacramento Area Council of Governments (Sacramento County Treasurer)	$12,981,068.00	$10,635,053.00	$23,616,121.00
Council of San Benito County Governments (San Benito County Treasurer)	$429,459.00	$351,845.00	$781,304.00
San Bernardino County Transportation Authority (San Bernardino County Treasurer)	$14,348,315.00	$11,755,203.00	$26,103,518.00
San Diego Association of Governments (San Diego County Treasurer)	$6,218,238.00	$5,094,442.00	$11,312,680.00
San Diego Metropolitan Transit System (San Diego County Treasurer1)	$15,342,331.00	$12,569,574.00	$27,911,905.00
San Joaquin Council of Governments (San Joaquin County Treasurer Trans Authority)	$5,144,003.00	$4,214,348.00	$9,358,351.00
San Luis Obispo Area Council of Governments (San Luis Obispo County Treasurer)	$1,841,175.00	$1,508,427.00	$3,349,602.00
Santa Barbara County Association of Governments (SBCAG) (Santa Barbara County Treasurer	$2,919,713.00	$2,392,045.00	$5,311,758.00
Santa Cruz County Transportation Commission (Santa Cruz County Treasurer)	$1,748,323.00	$1,432,355.00	$3,180,678.00
Shasta Regional Transportation Agency (Shasta County Treasurer)	$1,184,055.00	$970,066.00	$2,154,121.00
Sierra County Local Transportation Commission (Sierra County Treasurer)	$21,178.00	$17,351.00	$38,529.00
Siskiyou County Local Transportation Commission (Siskiyou County Treasurer)	$287,469.00	$235,516.00	$522,985.00
Stanislaus Council of Governments (Stanislaus County Treasurer)	$3,603,802.00	$2,952,502.00	$6,556,304.00
Tehama County Transportation Commission (Tehama County Treasurer)	$426,659.00	$349,551.00	$776,210.00
Trinity County Transportation Commission (Trinity County Treasurer)	$105,091.00	$86,098.00	$191,189.00
Tulare County Association of Governments (Tulare County Treasurer)	$3,115,491.00	$2,552,441.00	$5,667,932.00
Tuolumne County Transportation Council (Tuolumne County Treasurer)	$362,639.00	$297,101.00	$659,740.00

County	PUC Section 99313 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)	PUC Section 99313 Funds from Revenue and Taxation Code sections 6051.8(b), and 6201.8(b)	PUC section 99313 Total Amount
Ventura County Transportation Commission (Ventura County Treasurer)	$5,467,703.00	$4,479,547.00	$9,947,250.00
Total	$257,008,000.00	$210,560,000.00	$467,568,000.00

State Controller's Office

Allocation Detail of State Transit Assistance Pursuant to Public Utilities Code (PUC) section 99314.

Fiscal Year 2023-2024 Estimate

Revised as of February 9, 2023

More information at http://www.sco.ca.gov/ard_local_apportionments.html

For assistance, please call Mike Silvera at 916-323-0704.

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
Altamont Corridor Express*		
Alameda County Congestion Management Agency	NA	$201,015.00
Santa Clara Valley Transportation Authority	NA	$115,970.00
San Joaquin Regional Rail Commission	NA	$649,433.00
Regional Entity Totals	$0	$966,418.00
	$0	($966,418.00)
Metropolitan Transportation Commission		
Alameda-Contra Costa Transit District, San Francisco Bay Area Rapid Transit District,		
and the City of San Francisco**	$2,032,465,904	$91,699,315.00
Central Contra Costa Transit Authority	$12,684,408	$572,286.00
City of Dixon	$123,850	$5,588.00
Eastern Contra Costa Transit Authority	$6,132,724	$276,692.00
City of Fairfield	$2,250,751	$101,548.00
Golden Gate Bridge Highway and Transportation District	$138,827,667	$6,263,525.00
Livermore-Amador Valley Transit Authority	$6,084,421	$274,512.00
Marin County Transit District	$23,726,064	$1,070,455.00
Napa Valley Transportation Authority	$1,722,522	$77,715.00
Peninsula Corridor Joint Powers Board	$144,681,126	$6,527,618.00
City of Petaluma	$739,065	$33,345.00
City of Rio Vista	$39,373	$1,776.00
San Francisco Bay Area Water Emergency Transportation Authority	$39,452,081	$1,779,970.00
San Mateo County Transit District	$145,105,738	$6,546,775.00
Santa Clara Valley Transportation Authority	$439,800,215	$19,842,585.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
City of Santa Rosa	$2,483,478	$112,048.00
Solano County Transit	$5,290,076	$238,674.00
County of Sonoma	$3,459,517	$156,084.00
Sonoma-Marin Area Rail Transit District	$29,993,581	$1,353,229.00
City of Union City	$1,879,467	$84,796.00
City of Vacaville	$402,817	$18,174.00
Western Contra Costa Transit Authority	$8,044,931	$362,965.00
Regional Entity Subtotals	$3,045,389,776	$137,399,675.00
Alameda County Congestion Management Agency - Corresponding to ACE*	NA	$201,015.00
Santa Clara Valley Transportation Authority - Corresponding to ACE*	NA	$115,970.00
Regional Entity Totals	$3,045,389,776	$137,716,660.00
Sacramento Area Council of Governments		
City of Davis (Unitrans)	$2,957,630	$133,440.00
County of Sacramento	$1,189,071	$53,648.00
Sacramento Regional Transit System	$88,543,261	$3,994,830.00
Yolo County Transportation District	$4,689,895	$211,595.00
Yuba Sutter Transit Authority	$1,343,449	$60,613.00
Regional Entity Totals	$98,723,306	$4,454,126.00
San Diego Association of Governments		
North County Transit District	$33,932,036	$1,530,921.00
San Diego Metropolitan Transit System		
San Diego Metropolitan Transit System	$33,958,141	$1,532,099.00
San Diego Transit Corporation	$62,951,421	$2,840,196.00
San Diego Trolley, Inc.	$42,794,978	$1,930,793.00
Regional Entity Totals	$139,704,540	$6,303,088.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
Southern California Regional Rail Authority***		
Los Angeles County Metropolitan Transportation Authority	NA	$5,356,193.00
Orange County Transportation Authority	NA	$2,352,151.00
Riverside County Transportation Commission	NA	$1,196,915.00
San Bernardino County Transportation Authority	NA	$1,208,670.00
Ventura County Transportation Commission	NA	$572,809.00
Regional Entity Totals	$0	$10,686,738.00
	$0	($10,686,738.00)
Tahoe Regional Planning Agency		
Tahoe Transportation District	$900,147	$40,612.00
Alpine County Transportation Commission		
County of Alpine	$12,816	$579.00
Amador County Transportation Commission		
Amador Transit	$204,076	$9,207.00
Butte County Association of Governments		
Butte Regional Transit	$1,601,714	$72,265.00
City of Gridley - Specialized Service	$22,232	$1,003.00
Regional Entity Totals	$1,623,946	$73,268.00
Calaveras County Local Transportation Commission		
Calaveras Transit Agency	$79,417	$3,583.00
Colusa County Local Transportation Commission		
County of Colusa	$140,877	$6,356.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
Del Norte County Local Transportation Commission		
Redwood Coast Transit Authority	$204,530	$9,228.00
El Dorado County Local Transportation Commission		
El Dorado County Transit Authority	$1,730,379	$78,070.00
Fresno County Council of Governments		
City of Clovis	$1,770,328	$79,872.00
City of Fresno	$22,991,076	$1,037,295.00
Fresno County Rural Transit Agency	$1,875,194	$84,604.00
Regional Entity Totals	$26,636,598	$1,201,771.00
Glenn County Local Transportation Commission		
County of Glenn Transit Service	$119,071	$5,372.00
Humboldt County Association of Governments		
City of Arcata	$213,054	$9,612.00
Humboldt Transit Authority	$3,063,481	$138,216.00
Regional Entity Totals	$3,276,535	$147,828.00
Imperial County Transportation Commission		
Imperial County Transportation Commission	$2,462,028	$111,080.00
Quechan Indian Tribe	$21,107	$953.00
Regional Entity Totals	$2,483,135	$112,033.00
Inyo County Local Transportation Commission	None	None

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
Kern Council of Governments		
City of Arvin	$62,152	$2,804.00
City of California City	$25,760	$1,162.00
City of Delano	$279,451	$12,608.00
Golden Empire Transit District	$5,882,508	$265,403.00
County of Kern	$1,194,767	$53,905.00
City of McFarland	$12,106	$547.00
City of Ridgecrest	$159,250	$7,185.00
City of Shafter	$57,568	$2,597.00
City of Taft	$360,169	$16,250.00
City of Tehachapi	$28,252	$1,275.00
City of Wasco	$31,839	$1,436.00
Regional Entity Totals	$8,093,822	$365,172.00
Kings County Association of Governments		
City of Corcoran	$122,620	$5,532.00
Kings County Area Public Transit Agency	$762,823	$34,416.00
Regional Entity Totals	$885,443	$39,948.00
Lake County/City Council of Governments		
Lake Transit Authority	$498,852	$22,507.00
Lassen County Local Transportation Commission		
Lassen Transit Service Agency	$186,872	$8,431.00
Los Angeles County Metropolitan Transportation Authority		
Antelope Valley Transit Authority	$20,326,872	$917,093.00
City of Arcadia	$1,607,131	$72,509.00
City of Burbank	$3,769,842	$170,085.00
City of Claremont	$456,234	$20,584.00
City of Commerce	$4,235,696	$191,103.00
City of Culver City	$15,278,536	$689,326.00
Foothill Transit	$67,815,955	$3,059,671.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
City of Gardena	$13,772,242	$621,366.00
City of Glendale	$8,225,171	$371,097.00
City of La Mirada	$874,670	$39,463.00
Long Beach Public Transportation Company	$60,542,189	$2,731,498.00
City of Los Angeles	$98,801,791	$4,457,667.00
County of Los Angeles	$6,316,927	$285,003.00
Los Angeles County Metropolitan Transportation Authority	$1,332,273,335	$60,108,537.00
City of Montebello	$20,096,742	$906,710.00
City of Norwalk	$9,188,277	$414,550.00
City of Pasadena	$7,704,457	$347,604.00
City of Redondo Beach	$2,905,619	$131,094.00
City of Santa Clarita	$26,010,198	$1,173,509.00
City of Santa Monica	$47,544,183	$2,145,064.00
Southern California Regional Rail Authority***	$236,865,779	NA
City of Torrance	$20,472,763	$923,675.00
Regional Entity Subtotals	$2,005,084,609	$79,777,208.00
Los Angeles County Metropolitan Transportation Authority - Corresponding to SCRRA***	NA	$5,356,193.00
Regional Entity Totals	$2,005,084,609	$85,133,401.00
Madera County Local Transportation Commission		
City of Chowchilla	$524,476	$23,663.00
City of Madera	$169,785	$7,660.00
County of Madera	$67,286	$3,036.00
Regional Entity Totals	$761,547	$34,359.00
Mariposa County Local Transportation Commission		
County of Mariposa	$73,004	$3,294.00
Mendocino Council of Governments		
Mendocino Transit Authority	$957,692	$43,208.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
Merced County Association of Governments		
Transit Joint Powers Authority of Merced County	$1,025,125	$46,251.00
Yosemite Area Regional Transportation System (YARTS)	$958,913	$43,264.00
Regional Entity Totals	$1,984,038	$89,515.00
Modoc County Local Transportation Commission		
Modoc Transportation Agency	$107,653	$4,857.00
Mono County Local Transportation Commission		
Eastern Sierra Transit Authority	$2,824,223	$127,421.00
Transportation Agency for Monterey County		
Monterey-Salinas Transit District	$19,637,486	$885,990.00
Nevada County Local Transportation Commission		
County of Nevada	$369,077	$16,652.00
City of Truckee	$323,083	$14,577.00
Regional Entity Totals	$692,160	$31,229.00
Orange County Transportation Authority		
City of Laguna Beach	$1,910,271	$86,186.00
Orange County Transportation Authority	$110,748,483	$4,996,669.00
Regional Entity Subtotals	$112,658,754	$5,082,855.00
Orange County Transportation Authority - Corresponding to SCRRA***	NA	$2,352,151.00
Regional Entity Totals	$112,658,754	$7,435,006.00
Placer County Transportation Planning Agency		
City of Auburn	$21,830	$985.00
County of Placer	$5,410,141	$244,091.00
City of Roseville	$1,175,827	$53,050.00
Regional Entity Totals	$6,607,798	$298,126.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
Plumas County Local Transportation Commission		
County of Plumas	$346,829	$15,648.00
County Service Area 12 - Specialized Service	$80,198	$3,618.00
Regional Entity Totals	$427,027	$19,266.00
Riverside County Transportation Commission		
City of Banning	$208,349	$9,400.00
City of Beaumont	$318,557	$14,372.00
City of Corona	$426,555	$19,245.00
Palo Verde Valley Transit Agency	$175,762	$7,930.00
City of Riverside - Specialized Service	$493,635	$22,271.00
Riverside Transit Agency	$18,329,390	$826,972.00
Sunline Transit Agency	$11,506,078	$519,123.00
Regional Entity Subtotals	$31,458,326	$1,419,313.00
Riverside County Transportation Commission - Corresponding to SCRRA***	NA	$1,196,915.00
Regional Entity Totals	$31,458,326	$2,616,228.00
Council of San Benito County Governments		
San Benito County Local Transportation Authority	$151,384	$6,830.00
San Bernardino County Transportation Authority		
Morongo Basin Transit Authority	$1,027,787	$46,371.00
Mountain Area Regional Transit Authority	$564,732	$25,479.00
City of Needles	$58,190	$2,625.00
Omnitrans	$34,279,207	$1,546,584.00
Victor Valley Transit Authority	$4,530,204	$204,390.00
Regional Entity Subtotals	$40,460,120	$1,825,449.00
San Bernardino County Transportation Authority - Corresponding to SCRRA***	NA	$1,208,670.00
Regional Entity Totals	$40,460,120	$3,034,119.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
San Joaquin Council of Governments		
Altamont Corridor Express *	$21,420,132	NA
City of Escalon	$51,911	$2,342.00
City of Lodi	$887,825	$40,056.00
City of Manteca	$77,826	$3,511.00
City of Ripon	$44,345	$2,001.00
San Joaquin Regional Transit District	$10,156,807	$458,247.00
City of Tracy	$194,489	$8,775.00
Regional Entity Subtotals	$32,833,335	$514,932.00
San Joaquin Regional Rail Commission - Corresponding to ACE*	NA	$649,433.00
Regional Entity Totals	$32,833,335	$1,164,365.00
San Luis Obispo Area Council of Governments		
City of Arroyo Grande - Specialized Service	$0	$0.00
City of Atascadero	$37,783	$1,705.00
City of Morro Bay	$42,401	$1,913.00
City of Pismo Beach - Specialized Service	$0	$0.00
City of San Luis Obispo Transit	$821,105	$37,046.00
San Luis Obispo Regional Transit Authority	$1,903,882	$85,898.00
Regional Entity Totals	$2,805,171	$126,562.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
Santa Barbara County Association of Governments (SBCAG)		
City of Guadalupe	$69,525	$3,137.00
City of Lompoc	$136,501	$6,159.00
County of Santa Barbara	$0	$0.00
Santa Barbara County Association of Governments (SBCAG)	$1,620,453	$73,110.00
Santa Barbara Metropolitan Transit District	$13,488,703	$608,573.00
City of Santa Maria	$906,214	$40,886.00
City of Solvang	$104,313	$4,706.00
Regional Entity Totals	$16,325,709	$736,571.00
Santa Cruz County Transportation Commission		
Santa Cruz Metropolitan Transit District	$34,885,448	$1,573,936.00
Shasta Regional Transportation Agency		
Redding Area Bus Authority	$1,357,867	$61,263.00
Sierra County Local Transportation Commission		
County of Sierra - Specialized Service	$17,768	$803.00
Siskiyou County Local Transportation Commission		
County of Siskiyou	$271,330	$12,242.00
Stanislaus Council of Governments		
Stanislaus Regional Transit Authority	$4,244,345	$191,493.00
City of Turlock	$293,666	$13,249.00
Regional Entity Totals	$4,538,011	$204,742.00
Tehama County Transportation Commission		
County of Tehama	$194,589	$8,779.00
Trinity County Transportation Commission		
County of Trinity	$76,212	$3,438.00

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314 Funds from Revenue and Taxation Code sections 7102(a)(3), 6051.8(a), and 6201.8(a)
Tulare County Association of Governments		
City of Dinuba	$276,368	$12,469.00
City of Porterville	$846,792	$38,205.00
City of Tulare	$589,094	$26,578.00
County of Tulare	$1,191,032	$53,736.00
City of Visalia	$4,391,535	$198,134.00
City of Woodlake	$13,667	$618.00
Regional Entity Totals	$7,308,488	$329,740.00
Tuolumne County Transportation Council		
Tuolumne County Transit Agency	$203,234	$9,169.00
Ventura County Transportation Commission		
City of Camarillo	$751,079	$33,887.00
Gold Coast Transit District	$4,272,461	$192,762.00
City of Moorpark	$299,991	$13,535.00
City of Simi Valley	$1,167,392	$52,670.00
City of Thousand Oaks	$423,749	$19,118.00
Regional Entity Subtotals	$6,914,672	$311,972.00
Ventura County Transportation Commission - Corresponding to SCRRA***	NA	$572,809.00
Regional Entity Totals	$6,914,672	$884,781.00
State Totals	$5,696,443,829	$257,008,000.00

Kern Council of Governments
Transportation Development Act -- "Schedule A"
LTF STAF FUND ESTIMATE AND APPORTIONMENT FACTORS
FY 2023/24

Revised: March 24, 2023

Prospective Claimant	POPULATION BASIS 01/01/22	POPULATION RATIO	L.T.F. POPULATION APPORTIONMENT	S.T.A.F. POPULATION APPORTIONMENT	REVENUE BASIS	S.T.A.F. REVENUE RATIO	S.T.A.F. REVENUE APPORTIONMENT	TOTAL APPORTIONMENT
ARVIN	19,639	2.16%	$ 1,104,437.45	$ 234,335.23	62,152	0.77%	$ 5,101.00	$ 1,343,873.68
BAKERSFIELD (1)	408,865	44.94%	$ 21,843,654.33	$ 4,878,633.03	0	0.00%	$ -	$ 26,722,287.36
CALIFORNIA CITY	14,952	1.64%	$ 840,854.87	$ 178,409.31	25,760	0.32%	$ 2,114.00	$ 1,021,378.18
DELANO	51,258	5.63%	$ 2,882,593.56	$ 611,617.46	279,451	3.45%	$ 22,937.00	$ 3,517,148.01
GOLDEN EMPIRE TRANS (1)	N/A	0.00%	$ -	$ -	5,882,508	72.68%	$ 482,841.00	$ 482,841.00
MARICOPA	1,018	0.11%	$ 57,249.21	$ 12,146.92	0	0.00%	$ -	$ 69,396.13
MCFARLAND	13,902	1.53%	$ 781,806.07	$ 165,880.56	12,106	0.15%	$ 995.00	$ 948,681.63
RIDGECREST	28,061	3.08%	$ 1,578,065.04	$ 334,827.69	159,250	1.97%	$ 13,071.00	$ 1,925,963.72
SHAFTER	20,486	2.25%	$ 1,152,070.15	$ 244,441.75	57,568	0.71%	$ 4,725.00	$ 1,401,236.90
TAFT	7,011	0.77%	$ 394,277.25	$ 83,656.21	360,169	4.45%	$ 29,563.00	$ 507,496.46
TEHACHAPI	12,375	1.36%	$ 695,932.25	$ 147,660.19	28,252	0.35%	$ 2,319.00	$ 845,911.44
WASCO	26,689	2.93%	$ 1,500,907.94	$ 318,456.79	31,839	0.39%	$ 2,613.00	$ 1,821,977.74
KERN CO.-IN (1)	149,088	16.39%	$ 7,965,041.61	$ 1,778,938.38	0	0.00%	$ -	$ 9,743,979.99
KERN CO.-OUT	156,469	17.20%	$ 8,799,339.25	$ 1,867,009.48	1,194,767	14.76%	$ 98,068.00	$ 10,764,416.73
METRO-BAKERSFIELD CTSA	N/A	N/A	$ 1,568,878.73	$ -	0	0.00%	$ -	$ 1,568,878.73
TOTALS	909,813	100.00%	$ 51,165,107.72	$ 10,856,013.00	8,093,822	100.00%	$ 664,347.00	$ 62,685,467.72
PROOF	909,813	100.00%	$ 51,165,107.72	$ 10,856,013.00	8,093,822	100.00%	$ 664,347.00	$ 62,685,467.72
KERN COG ADMINISTRATION	N/A	1.00%	$ 543,676.91	$ -	N/A		$ -	$ 543,676.91
KERN PEDESTRIAN/BIKEWAY	N/A	2.00%	$ 1,076,480.28	$ -	N/A		$ -	$ 1,076,480.28
KERN COG PLANNING (2)	N/A	3.00%	$ 1,582,426.01	$ -	N/A		$ -	$ 1,582,426.01
ESTIMATED TOTAL	N/A		$ 54,367,690.92	$ -	N/A		$ -	$ 65,888,050.92
			$ 54,367,690.92					

N O T E S:

(1) THE GOLDEN EMPIRE TRANSIT DISTRICT RETAINS CLAIMANT PRIORITY TO THE CITY OF BAKERSFIELD AND KERN-IN FUNDS.
THE CITY OF BAKERSFIELD AND COUNTY OF KERN SHALL FUND 73.28% AND 26.72% OF GET'S CLAIM, RESPECTIVELY.

(2) PURSUANT TO P.U.C. SECTION 99262, CLAIMANTS MAY DESIGNATE FUNDING FOR CONTRIBUTIONS TO THE REGIONAL PLANNING PROCESS.
SEE SCHEDULE "B" FOR THE DISTRIBUTION OF THIS AMOUNT BY AREA OF APPORTIONMENT.

Kern Council of Governments

TRANSPORTATION DEVELOPMENT ACT

SCHEDULE "B"
PLANNING CONTRIBUTIONS BY AREA OF APPORTIONMENT
Fiscal Year 2023-2024

Revised: March 24, 2023

Prospective Claimant	POPULATION BASIS at 01/01/22	POPULATION RATIO	PLANNING CONTRIBUTION
ARVIN	19,639	2.16%	$ 34,158
CALIFORNIA CITY	14,952	1.64%	$ 26,006
DELANO	51,258	5.63%	$ 89,152
GOLDEN EMPIRE TRANSIT	557,953	61.33%	$ 970,440
MARICOPA	1,018	0.11%	$ 1,771
MCFARLAND	13,902	1.53%	$ 24,180
RIDGECREST	28,061	3.08%	$ 48,806
SHAFTER	20,486	2.25%	$ 35,631
TAFT	7,011	0.77%	$ 12,194
TEHACHAPI	12,375	1.36%	$ 21,524
WASCO	26,689	2.93%	$ 46,420
KERN TRANSIT	156,469	17.20%	$ 272,145
	-	-	-
TOTALS	909,813	100.00%	$ 1,582,426
PROOF	909,813	100.00%	$ 1,582,426

Kern Council of Governments

XI.

TTAC

April 5, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI, EXECUTIVE DIRECTOR

By: Rochelle Invina-Jayasiri, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XI.
ELECTION OF OFFICERS

DESCRIPTION:

The Kern Council of Governments (Kern COG) Transportation Technical Advisory Committee (TTAC) selects a Chairperson and a Vice Chairperson for the TTAC for the next year.

DISCUSSION:

In the TTAC Bylaws, an election for Chairperson and Vice-Chairperson should be held every April.

The current Chairperson will take nominations for the position of Chairperson. Each voting member of the TTAC is eligible to be nominated as Chairperson or Vice Chairperson. After selection of a Chairperson, the gavel will be transferred to the new Chairperson who will take nominations for Vice-Chairperson.

ACTION:

Select a Chairperson and a Vice-Chairperson for the Kern COG TTAC. ROLL CALL VOTE

CALL FOR PROJECTS

Due by

5:00 PM, July 17, 2023

Congestion Mitigation and Air Quality (CMAQ) Program

and

Regional Surface Transportation Program (RSTP)

APPLICATION PACKAGE AND INSTRUCTIONS are available on the Kern COG website:

www.kerncog.org/call-for-projects/

Kern Council of Governments

SAVE THE DATES!

April 18th - 24th

PROPOSED PROJECT REVIEW OFFICE HOURS

Kern COG staff will be available by appointment to review proposed project(s), provide project development, and submittal assistance.

Email rinvina@kerncog.org by April 14th to set up an appointment.

Questions, please contact:

Raquel Pacheco,
rpacheco@kerncog.org
661-635-2907

Rochelle Invina-Jayasiri,
rinvina@kerncog.org
661-635-2908

Caltrans Local Assistance Workshop

Meet and Greet

- Caltrans Local Assistance Engineers
- Caltrans Environmental Staff
- Caltrans Right of Way Staff
- Local Agency Staff
- Kern Council of Governments Staff

Roles and Responsibilities

- Kern Council of Governments
- Local Agency
- Caltrans Local Assistance
- Caltrans Environmental
- Caltrans Right of Way

Open Forum

- Items not on agenda
- Concerns, comments, suggestions for future workshops

1-on-1 Small Breakout Groups

(project specific issues)

Kern Council of Governments

RSVP by April 10th

Monday,
April 17, 2023
10:00 AM - 1:00 PM

Workshop Location
Kern COG Board Room
1401 19th Street, Suite 300,
Bakersfield CA 93301

Questions, please contact:

Raquel Pacheco
rpacheco@kerncog.org
661-635-2907

2024 Regional Transportation Improvement Program (RTIP)

WORKSHOP 1

Wednesday, April 26, 2023

Time: 10:00 AM to 11:00 AM

Location: Hybrid
In-person in Kern COG Board Room
Teleconference via Go To Meeting

THE GO TO MEETING TELECONFERENCE INFORMATION WILL BE PROVIDED WITH AGENDA

Kern Council of Governments

TOPICS FOR DISCUSSION

- RTIP / STIP 101
- Current Project Needs
- Status of 60/40 policy
- Future call for projects
- Status of MOU projects

Questions or comments?
Please contact:

Raquel Pacheco
rpacheco@kerncog.org
661-635-2907

Kern Council of Governments

Announcement

April 5, 2023

TO: Transportation Technical Advisory Committee

FROM: Ahron Hakimi,
Executive Director

By: Robert M. Snoddy, Regional Planner

SUBJECT: ANNOUNCEMENT
CALL FOR PROJECTS: TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 PROGRAM

DESCRIPTION:

Kern Council of Governments, acting in the capacity of the state-designated Regional Transportation Planning Agency, administers funding for the Transportation Development Act Article 3 Program (Bicycle and Pedestrian).

DISCUSSION:

Public Utilities Code 99230 states the designated transportation planning agency shall, from analysis and evaluation of the total amount anticipated to be available in the local transportation fund and the relative needs of each claimant for purposes for which the fund is intended, and consistent with the provisions of this chapter, annually determine the amount to be allocated to each claimant.

Article 3 funds are used to pay for bicycle and pedestrian safety programs, bicycle parking facilities, bicycle travel facilities and, pedestrian facilities. Approximately $1,076,480.28 is available for distribution in this funding cycle. Article 3 funds obligated from previous funding cycles will be assessed and included (if available) by the May 2023 TTAC meeting.

Eligible claimants of Article 3 funding are the eleven incorporated cities within Kern County and the County of Kern. Each project proposed must be submitted on forms provided by the Kern Council of Governments and are awarded on a competitive basis. **The proposal deadline is 5:00 p.m. on Monday, June 5, 2023.** Applications are included with this staff report and are available at

https://www.kerncog.org/wp-content/uploads/2023/03/TDA3_claim_2023.pdf

Please contact Bob Snoddy, bsnoddy@kerncog.org, or Irene Enriquez, ienriquez@kerncog.org for any questions about the program.

Action: Information

Attachment: Kern County LTF Fund estimate and apportionment schedule A and B

Kern Council of Governments
Transportation Development Act -- "Schedule A"
LTF STAF FUND ESTIMATE AND APPORTIONMENT FACTORS
FY 2023/24

Revised: March 24, 2023

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GOLDEN EMPIRE TRANS (1)	N/A	0.00%	$ -	$ -	5,882,508	72.68%	$ 482,841.00	$ 482,841.00
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METRO-BAKERSFIELD CTSA	N/A	N/A	$ 1,568,878.73	$ -	0	0.00%	$ -	$ 1,568,878.73
TOTALS	909,813	100.00%	$ 51,165,107.72	$ 10,856,013.00	8,093,822	100.00%	$ 664,347.00	$ 62,685,467.72
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KERN COG ADMINISTRATION	N/A	1.00%	$ 543,676.91	$ -	N/A		$ -	$ 543,676.91
KERN PEDESTRIAN/BIKEWAY	N/A	2.00%	$ 1,076,480.28	$ -	N/A		$ -	$ 1,076,480.28
KERN COG PLANNING (2)	N/A	3.00%	$ 1,582,426.01	$ -	N/A		$ -	$ 1,582,426.01
ESTIMATED TOTAL	N/A		$ 54,367,690.92	$ -	N/A		$ -	$ 65,888,050.92
			$ 54,367,690.92					

N O T E S:

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Kern Council of Governments

TRANSPORTATION DEVELOPMENT ACT

SCHEDULE "B"
PLANNING CONTRIBUTIONS BY AREA OF APPORTIONMENT
Fiscal Year 2023-2024

Revised: March 24, 2023

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MARICOPA	1,018	0.11%	$ 1,771
MCFARLAND	13,902	1.53%	$ 24,180
RIDGECREST	28,061	3.08%	$ 48,806
SHAFTER	20,486	2.25%	$ 35,631
TAFT	7,011	0.77%	$ 12,194
TEHACHAPI	12,375	1.36%	$ 21,524
WASCO	26,689	2.93%	$ 46,420
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	-	-	-
TOTALS	909,813	100.00%	$ 1,582,426
PROOF	909,813	100.00%	$ 1,582,426

AGENDA
KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

WEDNESDAY, MAY 3, 2023 AT 10:00 A.M.

PRIMARY MEETING LOCATION: **Kern Council of Governments, Board Room** **1401 19th Street, Suite 300** **Bakersfield, CA 93301**	**SECONDARY MEETING LOCATIONS (Teleconference):** **City of McFarland City Planning Office** **401 W. Kern Ave** **McFarland, CA 93250**
TTAC GoToMeeting Information (Teleconference): https://www.gotomeet.me/KernCOG/ttacmeeting Dial +1 (786) 535-3211 Access Code: 269-963-557 New to GoToMeeting? Get the app now and be ready when your first meeting starts: https://global.gotomeeting.com/install/269963557	**Palos Verdes Terrace Apartments** **5762 Ravenspur Dr** **Rancho Palos Verdes, CA 90272** **City of Shafter Public Works Office** **720 Commerce Way** **Shafter, CA 93263**

I. **ROLL CALL:**

II. **PUBLIC COMMENTS:** This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. **APPROVAL OF DISCUSSION SUMMARY:** Minutes from meeting of April 5, 2023; ROLL CALL VOTE.

IV. **FY 2022-23 TDA PUBLIC TRANSIT & STREET & ROADS CLAIMS – CITY OF TEHACHAPI**
(Banuelos)

Comment: According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The city of Tehachapi has submitted TDA claims which total $855,266.

Action: Review TDA Public Transit and Street & Roads Claims for the City of Tehachapi and recommend approval to the Transportation Planning Policy Committee. ROLL CALL VOTE.

V. **CALL FOR PROJECTS: TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 PROGRAM** (Enriquez)

Comment: Kern Council of Governments, acting in the capacity of the state-designated Regional Transportation Planning Agency, administers funding for the Transportation Development Act Article 3 Program (Bicycle and Pedestrian).

Action: Member agencies submit project proposals to Kern COG no later than **5:00 p.m. on Friday June 2, 2023.**

VI. **DRAFT KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO) SUSTAINABILITY STUDY PHASE 2** (Ball)

Comment: A public review Draft KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide is available here.

Action: Comments due to rball@kerncog.org by Thursday, May 25, 2023

VII. **2024 STATE HIGHWAY OPERATIONAL AND PROTECTION PROGRAM** (Stramaglia)

Comment: Every two years in the odd-numbered year, Caltrans begins updates to the State Highway Operational and Protection Program and several other related asset management plans which support the evaluation, prioritization and selection of near-term and future planned projects. These updates are based on state and federal law requiring a performance-based process to meet equity, environmental and sustainability goals.

Action: Information.

VIII. **CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST** (Snoddy)

Comment: The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

Action: Information.

IX. **2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM** (Pacheco)

Comment: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

Action: Information.

X. **INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM** (Pacheco)

Comment: As per the ITS Plan for Kern Region - Monitoring Program, updates to the ITS Plan project list are due May 19, 2023.

Action: Information.

XI. **PROJECT ACCOUNTABILITY TEAM REPORT** (Pacheco)

Comment: Kern COG staff to provide the latest updates.

Action: Information.

XII. **ANNOUNCEMENTS**

XIII. **MEMBER ITEMS**

XIV. **ADJOURNMENT –** The next meeting will be held on May 31, 2023 (June meeting).

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR APRIL 5, 2023 MEETING

KERN COG BOARD ROOM/GO TO MEETING — Wednesday
1401 19th Street, Suite 300 — April 5, 2023
BAKERSFIELD, CALIFORNIA — 10:00 A.M.

SECONDARY MEETING LOCATIONS
(Teleconference):

- City of McFarland Public Works Office- 401 W. Kern Ave, McFarland, CA 93250
- Palos Verdes Terrace Apartments - 5762 Ravenspur Dr, Rancho Palos Verdes, CA 90272
- Arvin City Hall - 200 Campus Drive, Arvin, CA 93203

Chairman Schlosser called the meeting to order at approximately 10:00 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Christine Viterelli	City of Arvin (Virtual)
	Luis Topete	City of Bakersfield
	Richard Walker	City of California City (Virtual)
	Ed Galero	City of Delano
	Yolanda Alcantar	County of Kern
	Pat Jacobs	City of McFarland (Virtual)
	Travis Reed	City of Ridgecrest
	Alex Gonzalez	City of Shafter
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Yolanda Alcantar	County of Kern
	Lorena Mendibles	Caltrans
	Steve Barnes	Golden Empire Transit
OTHER:	Michael Dillenbeck	County of Kern
	Alexa Kolosky	County of Kern
	Asha Chandy	County of Kern
	Ricardo Perez	Golden Empire Transit
	Rick Franz	Caltrans
	Juan Pantoja	BHT Engineering
STAFF:	Ahron Hakimi	Angie Banuelos
	Rob Ball	Rochelle Invina-Jayasiri
	Raquel Pacheco	Bob Snoddy
	Irene Enriquez	Karl Davisson
	Joe Stramaglia	Ed Flickinger

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of March 1, 2023

There were no comments or questions from the committee members. Mr. Barnes made a motion to approve the discussion summary, Mr. Reed seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

IV. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

Mr. Snoddy stated following the regional approval of the ATP Cycle 6 MPO list at the February 16, 2023 Kern COG Board meeting, staff has since prepared and submitted to the CTC, the final package of information as prescribed by the CTC, for its official list of MPO projects. This month, the CTC has scheduled a conference call on April 4, 2023, to discuss our MPO submittal. The results of that call will be shared by staff at the TTAC meeting.

This item was for information only.

V. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

Ms. Pacheco stated this is the monthly update on the activity related to the 2024 Regional Transportation Improvement Program. The new addition is the updated Kern COG Regional Improvement program 60/40 baseline status, provided as Attachment D. Also, staff is preparing for the April 26th workshop. The draft fund estimate assumptions presented at the March California Transportation Commission meeting will be a prime topic at the April 26th workshop.

This item is for information only.

VI. CMAQ FUNDING REQUEST

Ms. Pacheco reported that after action taken in March, there is an unprogrammed Congestion Mitigation Air Quality or CMAQ balance. Since then California City has received construction bids on their CMAQ project and is underfunded. California City is requesting additional CMAQ funds.

On March 23rd, the City of California City staff met with Kern COG staff to discuss the options for delivery of their CMAQ project. Kern COG staff seeks Transportation Technical Advisory Committee direction on which option to forward to the Transportation Planning Policy Committee.

Option 1: Select California City to receive $993,669 in CMAQ funding. **Option 2:** Do nothing.

California City recommends Option 1.

The action requested is that the Transportation Technical Advisory Committee make a recommendation to the Transportation Planning Policy Committee.

Mr. Walker and Mr. Juan Pantoja provided details and the importance of the project to California City. Mr. Topete asked the number of bids received. Mr. Pantoja stated they received 6 bids. Chairman Schlosser asked about the project cost, and Mr. Pantoja assured the City Manager has the match. Ms. Alcantar and Chairman Schlosser had questions regarding funding and E-76, and Mr. Pantoja and Ms. Pacheco provided information.

Ms. Viterelli made a motion to recommend Option 1, and Mr. Walker seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

VII. FY 2022-23 KERN REGION ESTIMATED LOW CARBON TRANSIT OPERATIONS PROGRAM (LCTOP) CALL FOR PROJECTS $2,369,913

Ms. Enriquez stated the annual Caltrans funding is available for transit expansion projects that reduce greenhouse gas emissions for a very limited time through Low Carbon Transit Operations

Program (LCTOP). The region is estimated to receive a total of $2,369,913. Any additional funding that local agencies will not use will be auctioned off on a first come first serve basis, and stall will send out an email with information.

Staff request that member agencies provide LCTOP Regional Proposed Project (99313) Titles to Kern COG no later than Friday, March 24, 2023. Provide applications to Caltrans by May 1, 2023.

This item was for information only.

VIII. KERN MEDIUM- AND HEAVY-DUTY ZERO EMISSION VEHICLE INFRASTRUCTURE BLUEPRINT FINAL DRAFT

Mr. Ball presented this item for Ms. Urata. He stated Kern COG was awarded a grant from the California Energy Commission (CEC) to develop a Kern Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint.

A final draft document is posted to the Kern COG website. Kern COG invites comments to be submitted by 10:00 am on April 10, 2023.

This item was for information only.

IX. FEDERAL BRIDGE AND PAVEMENT CONDITION PERFORMANCE MEASURE TARGET REQUIREMENT

Mr. Flickinger reported Caltrans has developed federal bridge and pavement condition performance measures (PM2) for jurisdictions with National Highway System (NHS) mileage (Kern, Bakersfield, Shafter, California City, Ridgecrest, and Caltrans), consistent with the state targets and the federal methodology. He reviewed the pavement and bridge condition charts that were included in the staff report. Mr. Ball and Mr. Flickinger also discussed the three preventative maintenance scenarios.

This item was for information only.

X. FY 2023-2024 TRANSPORTATION DEVELOPMENT ACT APPORTIONMENT ESTIMATE

Ms. Banuelos reported based upon funding estimates prepared by the Kern County Auditor-Controller and the Controller of the State of California, Kern COG anticipates the funding for fiscal year 2023-24 to be $54,367,690.92 for Local Transportation Fund, and $11,520,360.00 for State Transit Assistance Fund.

This item was for information only.

XI. ELECTION OF OFFICERS

Mr. Schlosser held the nominations for Chairperson. Ms. Alcantar nominated Mr. Schlosser and there were no other nominations. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously. Mr. Schlosser will continue to be the Chairperson for the next year.

Mr. Schlosser held the nomination for Vice-Chairperson. Ms. Viterelli nominated Ms. Alcantar and there were no other nominations. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously. Ms. Alcantar will continue to be the Vice-Chairperson for the next year.

XII. ANNOUNCEMENTS –

a. Mr. Snoddy announced the Call for Projects on the Transportation Development Act (TDA) Article 3. The item was also emailed to TTAC members on April 4, 2023. Article 3 funds are used to pay for bicycle and pedestrian safety programs, bicycle parking facilities, bicycle travel facilities and, pedestrian facilities. Approximately $1,076,480.28 is

available for distribution in this funding cycle. Article 3 funds obligated from previous funding cycles will be assessed and included (if available) by the May 2023 TTAC meeting. The proposal deadline is 5:00 p.m. on Monday, June 5, 2023.

b. Ms. Pacheco reminded the CMAQ and RSTP Call for Projects – Applications due by 5:00 PM, July 17, 2023. Please contact Rochelle to set up an appointment to review proposed project(s) by April 14.
c. Ms. Pacheco provided information on the Caltrans Local Assistance Workshop – April 17, 2023. RSVP deadline is April 10th.
d. Ms. Pacheco invited members to save the date for the 2024 RTIP Workshop 1 – April 26, 2023.
e. Mr. Ball announced there is a KARGO Study Survey that was emailed. Please reply by April 11.

XIII. MEMBER ITEMS –

a. Ms. Alcantar informed the committee Josh Champlin is the interim Public Works Director
b. Ms. Mendibles provided the following updates:
    i. Clean California Update Cycle 2 Grant applications due April 28, 2023
    ii. Provided HSIP Cycle 11 award information – two projects located in Wasco

XIV. ADJOURNMENT – Meeting adjourned at 11:04am. The next meeting will be held on May 3, 2023.

Kern Council of Governments

IV. TTAC

May 3, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Angelica Banuelos, Administrative Assistant

SUBJECT: TTAC AGENDA ITEM: IV.
FY 2022-23 TDA PUBLIC TRANSIT & STREET & ROADS CLAIMS – CITY OF TEHACHAPI

DESCRIPTION:
According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The city of Tehachapi has submitted TDA claims which total $855,266.

DISCUSSION:
Kern COG staff has received and reviewed the following TDA Public Transit and Streets & Roads claims by the April 21, 2023, TTAC agenda deadline:

Claimants	LTF	STAF	TOTAL
FY 2022-23 Public Transit City of Tehachapi	$ 18,424	$ 56,394	$ 74,818
FY 2022-23 Street & Roads City of Tehachapi	$ 780,448	$ 0	$ 780,448
Regional Claims Total	$ 798,872	$ 56,394	$ 855,266

This claim has been evaluated in accordance with the following criteria: 1) Conformance with the Regional Transportation Plan; 2) Participation in the California Driver Pull Notice Program; 3) Adherence to the applicable farebox return ratio; and 4) Compliance with PUC Section 99314.6 Operations qualifying Criteria. Staff recommends approval.

ACTION:
Review TDA Public Transit and Street & Roads Claims for the City of Tehachapi and recommend approval to the Transportation Planning Policy Committee. ROLL CALL VOTE.

Kern Council of Governments

V.
TTAC

May 3, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Irene Enriquez, Regional Planner

SUBJECT: TTAC AGENDA ITEM: V
CALL FOR PROJECTS: TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 PROGRAM

DESCRIPTION:
Kern Council of Governments, acting in the capacity of the state-designated Regional Transportation Planning Agency, administers funding for the Transportation Development Act Article 3 Program (Bicycle and Pedestrian).

DISCUSSION:
Public Utilities Code 99230 states the designated transportation planning agency shall, from analysis and evaluation of the total amount anticipated to be available in the local transportation fund and the relative needs of each claimant for purposes for which the fund is intended, and consistent with the provisions of this chapter, annually determine the amount to be allocated to each claimant.

Article 3 funds are used to pay for bicycle and pedestrian safety programs, bicycle parking facilities, bicycle travel facilities and, pedestrian facilities. Approximately **$1,076,480 is available for new projects for the FY 2023-24 funding cycle.**

Eligible claimants of Article 3 funding are the eleven incorporated cities within Kern County and the County of Kern. Each project proposed must be submitted on forms provided by the Kern Council of Governments and are awarded on a competitive basis. **The proposal deadline is 5:00 p.m. on Friday, June 2, 2023**. Applications are available at https://www.kerncog.org/wp-content/uploads/2023/03/TDA3_claim_2023.pdf

ACTION:
Member agencies submit project proposals to Kern COG no later than **5:00 p.m. on Friday June 2, 2023.**

Attachment: Kern County LTF Fund estimate and apportionment schedule A and B

Kern Council of Governments
Transportation Development Act -- "Schedule A"
LTF STAF FUND ESTIMATE AND APPORTIONMENT FACTORS
FY 2023/24

Revised: March 24, 2023

Prospective Claimant	POPULATION BASIS 01/01/22	POPULATION RATIO	L.T.F. POPULATION APPORTIONMENT	S.T.A.F. POPULATION APPORTIONMENT	REVENUE BASIS	S.T.A.F. REVENUE RATIO	S.T.A.F. REVENUE APPORTIONMENT	TOTAL APPORTIONMENT
ARVIN	19,639	2.16%	$ 1,104,437.45	$ 234,335.23	62,152	0.77%	$ 5,101.00	$ 1,343,873.68
BAKERSFIELD (1)	408,865	44.94%	$ 21,843,654.33	$ 4,878,633.03	0	0.00%	$ -	$ 26,722,287.36
CALIFORNIA CITY	14,952	1.64%	$ 840,854.87	$ 178,409.31	25,760	0.32%	$ 2,114.00	$ 1,021,378.18
DELANO	51,258	5.63%	$ 2,882,593.56	$ 611,617.46	279,451	3.45%	$ 22,937.00	$ 3,517,148.01
GOLDEN EMPIRE TRANS (1)	N/A	0.00%	$ -	$ -	5,882,508	72.68%	$ 482,841.00	$ 482,841.00
MARICOPA	1,018	0.11%	$ 57,249.21	$ 12,146.92	0	0.00%	$ -	$ 69,396.13
MCFARLAND	13,902	1.53%	$ 781,806.07	$ 165,880.56	12,106	0.15%	$ 995.00	$ 948,681.63
RIDGECREST	28,061	3.08%	$ 1,578,065.04	$ 334,827.69	159,250	1.97%	$ 13,071.00	$ 1,925,963.72
SHAFTER	20,486	2.25%	$ 1,152,070.15	$ 244,441.75	57,568	0.71%	$ 4,725.00	$ 1,401,236.90
TAFT	7,011	0.77%	$ 394,277.25	$ 83,656.21	360,169	4.45%	$ 29,563.00	$ 507,496.46
TEHACHAPI	12,375	1.36%	$ 695,932.25	$ 147,660.19	28,252	0.35%	$ 2,319.00	$ 845,911.44
WASCO	26,689	2.93%	$ 1,500,907.94	$ 318,456.79	31,839	0.39%	$ 2,613.00	$ 1,821,977.74
KERN CO.-IN (1)	149,088	16.39%	$ 7,965,041.61	$ 1,778,938.38	0	0.00%	$ -	$ 9,743,979.99
KERN CO.-OUT	156,469	17.20%	$ 8,799,339.25	$ 1,867,009.48	1,194,767	14.76%	$ 98,068.00	$ 10,764,416.73
METRO-BAKERSFIELD CTSA	N/A	N/A	$ 1,568,878.73	$ -	0	0.00%	$ -	$ 1,568,878.73
TOTALS	909,813	100.00%	$ 51,165,107.72	$ 10,856,013.00	8,093,822	100.00%	$ 664,347.00	$ 62,685,467.72
PROOF	909,813	100.00%	$ 51,165,107.72	$ 10,856,013.00	8,093,822	100.00%	$ 664,347.00	$ 62,685,467.72
KERN COG ADMINISTRATION	N/A	1.00%	$ 543,676.91	$ -	N/A		$ -	$ 543,676.91
KERN PEDESTRIAN/BIKEWAY	N/A	2.00%	$ 1,076,480.28	$ -	N/A		$ -	$ 1,076,480.28
KERN COG PLANNING (2)	N/A	3.00%	$ 1,582,426.01	$ -	N/A		$ -	$ 1,582,426.01
ESTIMATED TOTAL	N/A		$ 54,367,690.92	$ -	N/A		$ -	$ 65,888,050.92
			$ 54,367,690.92					

N O T E S:

(1) THE GOLDEN EMPIRE TRANSIT DISTRICT RETAINS CLAIMANT PRIORITY TO THE CITY OF BAKERSFIELD AND KERN-IN FUNDS.
THE CITY OF BAKERSFIELD AND COUNTY OF KERN SHALL FUND 73.28% AND 26.72% OF GET'S CLAIM, RESPECTIVELY.

(2) PURSUANT TO P.U.C. SECTION 99262, CLAIMANTS MAY DESIGNATE FUNDING FOR CONTRIBUTIONS TO THE REGIONAL PLANNING PROCESS.
SEE SCHEDULE "B" FOR THE DISTRIBUTION OF THIS AMOUNT BY AREA OF APPORTIONMENT.

Kern Council of Governments

TRANSPORTATION DEVELOPMENT ACT

SCHEDULE "B"
PLANNING CONTRIBUTIONS BY AREA OF APPORTIONMENT
Fiscal Year 2023-2024

Revised: March 24, 2023

Prospective Claimant	POPULATION BASIS at 01/01/22	POPULATION RATIO	PLANNING CONTRIBUTION
ARVIN	19,639	2.16%	$ 34,158
CALIFORNIA CITY	14,952	1.64%	$ 26,006
DELANO	51,258	5.63%	$ 89,152
GOLDEN EMPIRE TRANSIT	557,953	61.33%	$ 970,440
MARICOPA	1,018	0.11%	$ 1,771
MCFARLAND	13,902	1.53%	$ 24,180
RIDGECREST	28,061	3.08%	$ 48,806
SHAFTER	20,486	2.25%	$ 35,631
TAFT	7,011	0.77%	$ 12,194
TEHACHAPI	12,375	1.36%	$ 21,524
WASCO	26,689	2.93%	$ 46,420
KERN TRANSIT	156,469	17.20%	$ 272,145
	-	-	-
TOTALS	909,813	100.00%	$ 1,582,426
PROOF	909,813	100.00%	$ 1,582,426

Kern Council of Governments

VI.

TTAC

May 3, 2023

TO: Transportation Technical Advisor Committee (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Rob Ball, Deputy Director/Planning Director

SUBJECT: TTAC/RPAC AGENDA ITEM: VI.
DRAFT KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO) SUSTAINABILITY STUDY PHASE 2

DESCRIPTION:
A public review Draft KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide is available here.

DISCUSSION:
Kern COG has received a grant from the Caltrans Sustainable Communities program to study development and funding of more sustainable goods movement projects countywide. The study includes:

1) Suggested updates to federal, state and local Surface Transportation Assistance Act (STAA) compliant federal, state and local truck route maps;
2) Suggested updates to local government circulation planning element maps;
3) The study also includes sketch drawings and right-of-way foot prints for interchange and other goods facilities vulnerable to development encroachment
4) Potential funding mechanisms including a regional industrial impact fee nexus study.
5) An economic analysis comparing existing fees in the Kern region to other regions.

Here is the schedule for completion of the study:

- April 26, 2023 – Draft made available for public review
- May 25, 2023 – Comments on the draft due to Kern COG.
- May 31, 2023 – Draft Final Released
- June 15, 2023 – Draft Final goes to the Kern COG TPPC to receive and file.

ACTION: Comments due to rball@kerncog.org by Thursday, May 25, 2023

Kern Council of Governments

VII.
TTAC

May 3, 2023

TO: Transportation Technical Advisory Committee

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Joseph Stramaglia, Project Delivery Team Lead

SUBJECT: TTAC AGENDA NUMBER: VII.
2024 STATE HIGHWAY OPERATIONAL AND PROTECTION PROGRAM

DESCRIPTION:
Every two years in the odd-numbered year, Caltrans begins updates to the State Highway Operational and Protection Program and several other related asset management plans which support the evaluation, prioritization and selection of near-term and future planned projects. These updates are based on state and federal law requiring a performance-based process to meet equity, environmental and sustainability goals.

DISCUSSION:
The California Transportation Commission (CTC) and Caltrans will begin the next update of the State Highway Operations and Protection Program (SHOPP) in upcoming months. The SHOPP program consists of projects that maintain state owned roadway infrastructure. Updates to the 2024 SHOPP will be informed by the recent update of the State Highway System Management Plan which is the Ten Year SHOPP Plan. It will be followed by a Fund Estimate which then financially constraints projects ready for construction.

As a region, we are taking a look at the listing which District 6 and 9 have developed which inform updates to the 2024 SHOPP and beyond. This opportunity to the region to review anticipated planning and programming of the SHOPP provides transparency to the public through the circulation of a project list and associated map. This list will be updated later in the year and recirculated to our region once decisions are made to address asset management goals and financial constraints.

Schedule –Later in the year, Caltrans and the CTC will formally update the 2024 SHOPP and a more formal comment period will be provided by the state. On the following page, a tentative process timeline is provided to help understand what the overall process will be for the upcoming 2024 SHOPP. As indicated in the timeline, there will be an update to the project list, although most of the items already on this list will likely remain. Projects in pre-construction phases are subject to scope revision, cost-estimate revisions, financial constraint and subsequently can be deferred to a later cycle for future construction. Projects that are nearing readiness for

construction or already programmed for construction are more likely to remain at the same status of delivery time. The attached map and project list is provided as a draft update from Districts 6 and 9. This information is subject to change as the state nears its time to circulate the entire document for final review, public comments, and state approval.

2024 SHOPP Update – Anticipated Meeting Schedule			
Month	Benchmarks	Action	Agency
2023			
April - May	*Circulate draft project list with TTAC / TPPC*	*Information*	*KCOG*
August	*Commission adopts Fund Estimate*	*Adoption*	*CTC*
October	*Circulate final 2024 SHOPP list to TTAC / TPPC*	*Information*	*KCOG*
November	*Submit KCOG comments to CTC & Caltrans*	*Information*	*KCOG*
December	*Caltrans circulates draft SHOPP with regions*	*Information*	*Caltrans*
2024			
January - February	*Update regional project information lists*	*Information*	*Caltrans*
April	*Commission Adopts SHOPP*	*Adoption*	*CTC*

Please note that the list and map prepared by Caltrans District 6 includes District 9 projects as well. Long-lead projects are not indicated in this list but will be part of the final 2024 SHOPP.

ACTION: Information.

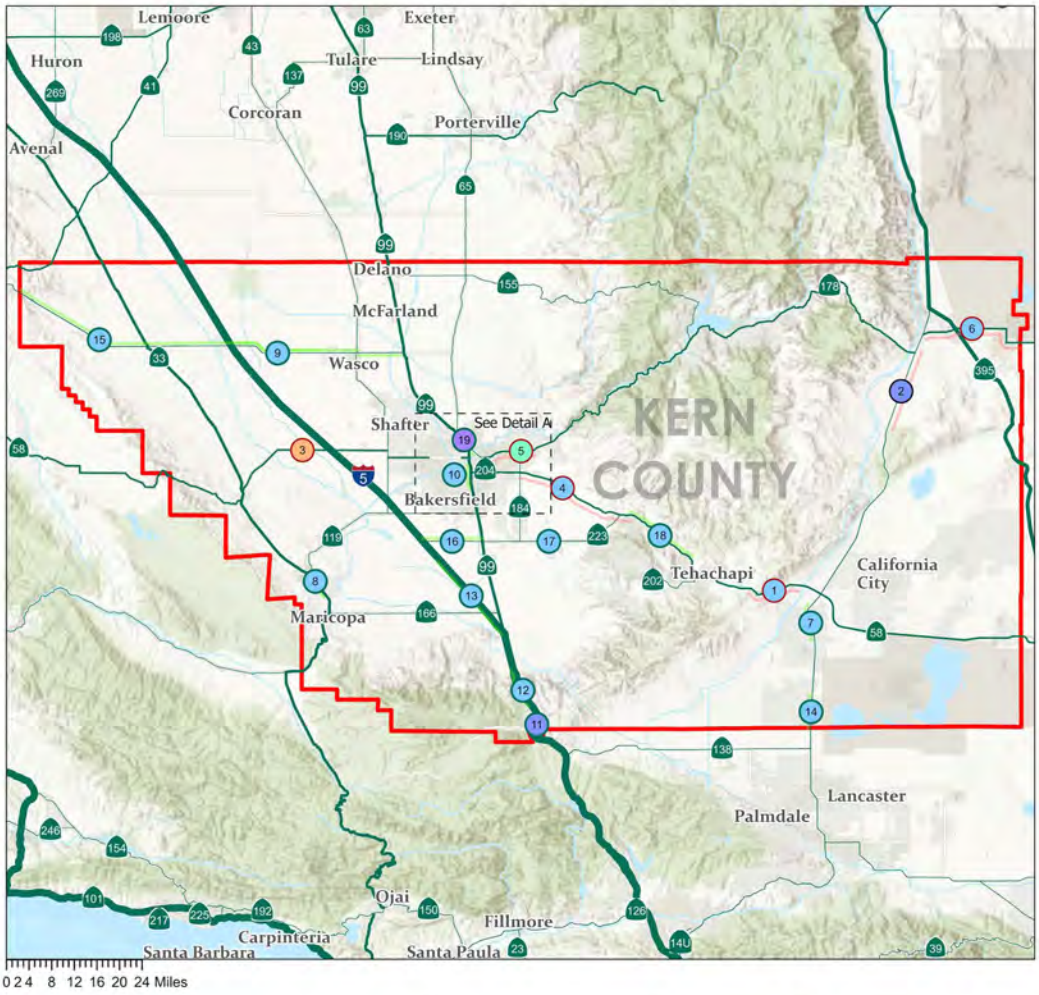
Enclosures: Attachment A: Draft 2024 SHOPP List of Projects with Map

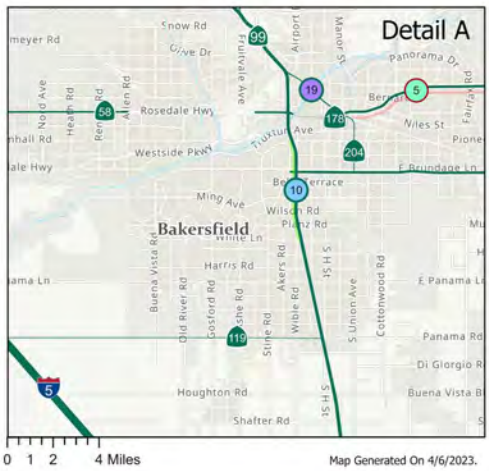
Attachment A: Draft 2024 SHOPP List of Projects with Map

Caltrans

Caltrans District 6 Projects of Regional Significance
State Highway Operation & Protection Program
DRAFT 2024 SHOPP Project List
Projects within the County of Kern

N





Attachment A: Draft 2024 SHOPP List of Projects with Map

Caltrans District 6 Projects of Regional Significance
State Highway Operation & Protection Program
DRAFT 2024 SHOPP Project List
Projects within the County of Kern

N

No	EA	DISTRICT	RTE	PM	DESCRIPTION	NEARBY_COMMUNITIES	ACTIVITY	SCHEDULE	YEAR	COST
1	09-38310	09	058	99.8/107.7	Cache Creek Pavement	Mojave	Pavement	Proposed	2028/29	$34,840
2	09-39920	09	014	46.2/58.3	Antelope Fremont Valley Advance Mitigation		Roadside	Proposed	2027/28	$4,662
3	06-1F010	06	058	26.75/28.2	Kern-Kings Complete Street Project	Shafter, Wasco, Buttonwillow, Cherokee Strip, Kettleman City, Mexican Colony, Smith Corner	Streets	Proposed	2027/28	$3,880
4	06-0X450	06	058	59.45/77.25	KER 58 Overlay/WIM Update	Bakersfield, Bakersfield Country Club, East Niles, Edison, Fairfax, Fuller Acres, Hillcrest, Keene, Potomac Park, Tarina	Pavement	Proposed	2027/28	$1,500
5	06-1F570	06	178	2.4/9.62	Kern ADA Upgrades	Bakersfield, Delano, Bakersfield Country Club, Benton Park, Casa Loma, Choctaw Valley, Cottonwood, East Bakersfield, East Niles, Edison, Fairfax, Goodmanville, Hillcrest, La Cresta, Oildale, Potomac Park, Rivergrove, Tarina	Mobility	Proposed	2027/28	$12,449
6	09-38330	09	178	88.6/104.6	Ridgecrest/Inyo/Kern Pavement	Ridgecrest, China Lake Acres, Inyokern, Ridgecrest Heights	Pavement	Proposed	2027/28	$50,569
7	09-37520	09	014	12.6/16.7	Mojave Pavement	Mojave	Pavement	Programmed	2026/27	$36,034
8	06-0W830	06	033	14.4/17.9	South Taft Rehab	Maricopa, Taft, Ford City, South Taft, Taft Heights	Pavement	Programmed	2026/27	$11,300
9	06-1A680	06	046	33.2/46	Semitropic Overlay	Wasco, Lost Hills	Pavement	Programmed	2026/27	$14,300
10	06-0X370	06	099	21.15/24.6	Bakersfield 99 Rehab II (South)	Bakersfield, Benton Park, Casa Loma, Cottonwood, Greenfield, La Cresta, Oildale, Old Stine, Olde Stockdale, Rexland Acres	Pavement	Programmed	2026/27	$79,100
11	06-0X570	06	005	0.73/1.08	Tejon SRRA Water & Wastewater Upgrades	Frazier Park, Lebec	Roadside	Programmed	2025/26	$5,300
12	06-0W920	06	005	4.4/10.21	Grapevine Rehab	Lebec	Pavement	Programmed	2025/26	$80,969
13	06-0W930	06	005	15.9/30	KER 15 Overlay	Mettler	Pavement	Programmed	2025/26	$28,844
14	09-39050	09	014	0/4.7	Rosamond Rehab 2	Rosamond	Pavement	Programmed	2025/26	$41,357
15	06-1A760	06	046	51.25/57.78	East Wasco Overlay	Wasco	Pavement	Programmed	2025/26	$13,600
16	06-1C060	06	223	1.85/10.4	Kern 223 Rehab	Bakersfield, Lakeside	Pavement	Programmed	2025/26	$8,800
17	06-0Y150	06	223	20.1/21.31	Arvin Overlay	Arvin, Di Giorgio, Edmundson Acres	Pavement	Programmed	2025/26	$3,750
18	09-37920	09	058	77.2/88.56	Keene Pavement	Tehachapi, Bear Valley Springs, Golden Hills, Keene	Pavement	Programmed	2024/25	$145,856
19	06-1F260	06	204	5.49/5.9	Kern 204 Bridge Rail Upgrade	Bakersfield, Benton Park, East Bakersfield, La Cresta, Oildale, Old Stine	Safety	Programmed	2018/19	$7,607

Note: This list is subject to change. Map point indicators may be offset to accommodate for overlapping labels. For exact project locations contact Caltrans.
Phase: CAND - Project Initiation, ENV - Environmental, DES - Design, CON - Construction
Fund: CCA - Clean California, IIJA - Infrastructure Investments and Jobs Act, MMBN - Middle Mile Broadband Network, SB1 - Senate Bill 1
***Total Project Cost - Included in first row of project.

Map Generated On 4/6/2023.

Kern Council of Governments

VIII.
TTAC

May 3, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
Executive Director

By: Robert M. Snoddy, Regional Planner

SUBJECT: Transportation Technical Advisory Committee Item: VIII.
CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

DESCRIPTION:
The California Transportation Commission (CTC) closed the statewide Cycle 6 Active Transportation Program (ATP) Call for Projects on June 16, 2022. Kern COG agencies submitted a total of 19 applications.

DISCUSSION:
The CTC adopted the 2022 ATP Cycle 6 Fund Estimate and program Guidelines at their March 16-17, 2022, meeting. With the adoption of the Guidelines, the Cycle 6 Active Transportation Program call for projects was subsequently initiated. The CTC adopted their selected statewide applications at the December 7-8, 2022, meeting. One Kern region project was included in the statewide project adoption, which is the County of Kern Norris Pedestrian and Railroad Safety project totaling $9.8 million. All remaining Kern COG applications were considered for funding with the MPO share of the Cycle 6 ATP funding. On February 16, 2023, the Kern Council of Governments Transportation Planning and Policy Committee adopted the MPO project list found on Page 3, making use of all available Cycle 6 ATP MPO funding. **The ATP Cycle 6 MPO list has since been submitted to the CTC with the final package of information as prescribed by the CTC, for its official list of MPO projects. The list remains intact and is expected to be adopted by the CTC at their June meeting.**

CTC 2023 Cycle 6 Active Transportation Program Timeline

Benchmark Activity	Date
~~E-Project Application Deadline & postmark date~~ ~~DONE~~	~~June 15, 2022~~
~~CTC staff recommendation for statewide applications~~ ~~DONE~~	~~October 21, 2022~~
~~CTC adoption of statewide selected applications~~ ~~DONE~~	~~December 7-8, 2022~~
~~Deadline for MPO draft project recommendations~~ ~~DONE~~	~~February 20, 2023~~
~~Deadline for MPO final project recommendations~~ ~~DONE~~	~~April 21, 2023~~
CTC recommendations for MPO components are posted	May 12, 2023
Commission adopts MPO selected projects	June 2023

Background: At the August 18, 2022, California Transportation Commission (CTC) meeting, the Commission adopted a revised Fund Estimate for the Active Transportation Program (ATP) Cycle 6, which is now adopted. The approved revised Fund Estimate for the statewide ATP budget is now **$1.7 billion** due to an infusion of funding from the recently approved 2022-23 state budget. The Kern COG guaranteed regional share of that statewide has been increased to **$16.798 million**.

Kern COG Policy Background - CTC ATP Guidelines and Fund Estimate establish the project selection process and ATP programming capacity for the state and MPO share. When ATP first began, the Kern Council of Governments adopted its ATP project delivery policy that defers to the original state application review and ranking for all original state submitted applications. Kern COG does not do a separate ATP Call for Projects to use the MPO share and therefore does not adopt its own modified guidelines or conduct a separate MPO call for projects. Instead, Kern COG considers the remaining applications for MPO share funding following the ranking order as best as possible already established by the state-ranked applications not selected by the state.

Submitted applications from Kern agencies - The ATP Cycle 6 statewide call for projects resulted in 19 Kern region submitted applications for a value of $69 million. They are listed on page 3. This table has been updated to include the ranking values for each application. The County of Kern project that ranked 91 is highlighted in yellow. This project has been approved by the state. The regionally approved MPO projects are highlighted in blue. This selection is based on Kern COG policy and has been financially constrained to the CTC adopted ATP Cycle 6 Fund Estimate. Kern COG's revised share is estimated at $16,798,000 over a 4-year programming cycle from 2023-24 through 2026-27. The MPO project list includes a contingency list comprised of the partially funded Bakersfield project and then the Tehachapi project.

Tentative Schedule for ATP Cycle 7 – According to CTC staff, they will be starting workshops in the late summer/early fall of this year. In addition to guidelines workshops, they may also offer regionally focused workshops again, and virtual and/or in-person (depending on travel budget) site visits. Guidelines adoption will likely be in March 2024, immediately followed by the call for projects.

Action:
Information.

Attachment A: List of regionally approved Cycle 6 ATP MOU projects

ATTACHMENT A

KERN REGION LIST OF SUBMITTED & RECEIVED CYCLE 6 ATP APPLICATIONS

YELLOW HIGHLIGHT - APPROVED STATE FUNDED PROJECT

BLUE HIGHLIGHT - FINAL MPO FUNDED PROJECT

BOLD - CONTINGENCY

State Ranking	Implementing Agency	Project Name	Total	Other	ATP	ENV	DESIGN	ROW	CONS	Received
29	Bakersfield, City of	School Flashing Yellow Beacons	$ 803,000	$ -	$ 803,000	$ -	$ 143,000	$ -	$ 660,000	06/15/22
35	Bakersfield, City of	California Avenue (Marella Way to Planz Rd)	$ 5,461,000	$ -	$ 5,461,000	$ -	$ 975,000	$ -	$ 4,486,000	06/15/22
39	Bakersfield, City of	California Avenue (Oleander Ave to R St)	$ 1,980,000	$ -	$ 1,980,000	$ -	$ 353,000	$ -	$ 1,627,000	06/15/22
40	Bakersfield, City of	Kern River North of 24th Street	$ 2,758,000	$ -	$ 2,758,000	$ 295,000	$ 197,000	$ -	$ 2,266,000	06/15/22
48	Bakersfield, City of	Bakersfield Bicycle Facilities	$ 263,000	$ -	$ 263,000	$ -	$ -	$ -	$ 263,000	06/15/22
50	Bakersfield, City of	Monterey St (Alta Vista Dr to Brown St)	$ 4,789,000	$ -	$ 4,789,000	$ -	$ 855,000	$ -	$ 3,934,000	06/15/22
55	Kern County - D6	Niles Street Safety Project	$ 1,785,000	$ 260,000	$ 1,525,000	$ 10,000	$ 250,000	$ -	$ 1,525,000	06/15/22
56	Caltrans	City of Arvin HAWK- Arvin's "Walk on Walnut Crosswalk Beacon"	$ 1,398,000	$ 200,000	$ 1,198,000	$ 120,000	$ 80,000	$ 137,000	$ 1,061,000	06/15/22
57	Bakersfield, City of	Arvin-Edison Canal Multi-Use Path	$ 9,940,000	$ -	$ 9,940,000	$ 710,000	$ 1,065,000	$ -	$ 8,165,000	06/15/22
60	**Tehachapi, City of**	**Northside Neighborhood Complete Sidewalk & Bicycle Lane Project**	**$ 3,494,000**	**$ -**	**$ 3,494,000**	**$ 25,000**	**$ 370,000**	**$ 39,000**	**$ 3,060,000**	**06/14/22**
66	**Bakersfield, City of**	**H Street Corrior (SR-204 to Hwy 58)**	**$ 8,454,000**	**$ 5,300,106**	**$ 3,154,000**	**$ -**	**$ 1,509,000**	**$ -**	**$ 6,945,000**	**06/15/22**
70	Taft, City of	10th St & San Emidio St - Intersection Safety Improvements	$ 455,000	$ -	$ 455,000	$ 5,000	$ 42,000	$ -	$ 408,000	06/15/22
71	Delano, City of	ATP-6 SRTS Sidewalk Gap and Crosswalk Improvement Project	$ 703,000	$ -	$ 703,000	$ -	$ 75,000	$ -	$ 628,000	06/13/22
72.5	Wasco, City of	Central Avenue Class I & Class II Bicycle Trails	$ 660,000	$ -	$ 660,000	$ 5,000	$ 71,000	$ -	$ 584,000	06/15/22
78	Kern County - D6	Safe Route To School (SRTS) ADA Crosswalk Safety	$ 2,342,000	$ 582,000	$ 1,760,000	$ 10,000	$ 344,000	$ -	$ 1,988,000	06/15/22
80.5	Kern County - D6	Kern River Parkway Multi-use Path Safety & Connectivity Project	$ 8,035,000	$ 1,235,000	$ 6,800,000	$ 100,000	$ 1,150,000	$ -	$ 6,785,000	06/15/22
84	Kern County - D6	Mt Vernon SRTS Safety Project	$ 3,248,000	$ 384,000	$ 2,864,000	$ 10,000	$ 374,000	$ -	$ 2,864,000	06/15/22
87	Tehachapi, City of	Valley Boulevard and Mill Street Gap Closure Project	$ 3,266,000	$ -	$ 3,266,000	$ 65,000	$ 315,000	$ 200,000	$ 2,686,000	06/15/22
91	Kern County - D6	Norris Pedestrian and Railroad Safety Project	$ 9,793,000	$ 1,011,000	$ 8,782,000	$ 10,000	$ 1,059,000	$ 2,600,000	$ 6,124,000	06/15/22
		TOTALS FOR ALL APPLICATIONS	**$ 69,521,000**	**$ 3,672,000**	**$ 65,849,000**	**$ 1,365,000**	**$ 9,227,000**	**$ 2,976,000**	**$ 55,953,000**	
		ATP PROJECT FUNDED BY THE STATE	$ 9,793,000	$ 1,011,000	$ 8,782,000					
		PROJECTS RECOMMENDED FOR MPO SHARE FUNDING	$ 18,972,000	$ 2,201,000	$ 16,798,000					
		ESTIMATED AVAILABLE ATP CYCLE 6 MPO SHARE			$ 16,798,000					

Note 1: The H Street Corridor project was reduced to $3,260,000 for ATP funding. The City of Bakersfield would be required to use local funds for the balance.

Note 2: The Mt. Vernon Safe Routes to School Safety Project was withdrawn after their announcement at the January 4, 2023 TTAC meeting.

Note 3: The contingency list would include 1) adding additional funding to the construction phase of the Bakersfield project; then 2) funding the Tehachapi project either partially or fully.

Kern Council of Governments

IX. TTAC

May 3, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: IX.
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

DESCRIPTION:
Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

DISCUSSION:
At the January 25-26, 2023 meeting, the California Transportation Commission (CTC) initiated the 2024 Regional Transportation Improvement Program (2024 RTIP) process to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

This month –This month, Kern COG staff is circulating the 2024 RTIP Capital Improvement Program – baseline version. Also, for this month, staff will prepare for the June 21, 2023 workshop presentation. Draft fund estimate assumptions will be adopted by the CTC at their May 17-18, 2023 meeting and will continue to be a prime topic at the Kern COG June workshop.

2024 Regional Transportation Improvement Program Schedule		
~~January 2023~~	~~CTC~~	~~Adopt 2024 STIP Fund Estimate Schedule~~ *Done*
~~March 22-23, 2023~~	~~CTC~~	~~Present Fund Estimate Assumptions to Commissioners~~
~~April 26, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
May 17-18, 2023	CTC	Adopt Fund Estimate Assumptions
June 21, 2023	KCOG	Regional Workshop
June 28-29, 2023	CTC	Present Draft Fund Estimate
August 16-17, 2023	CTC	Adopt Statewide Fund Estimate and Guidelines
August 23, 2023	KCOG	Regional Workshop
September 6, 2023	KCOG	Circulate Adm. Draft 2024 RTIP (TTAC)
September 13, 2023	KCOG	Regional Workshop - Tentative
October 4, 2023	KCOG	Circulate Draft 2024 RTIP (TTAC)
November 16, 2023	KCOG	Regional Adoption of 2024 RTIP CIP (TPPC)
December 15, 2023	KCOG	Submittal deadline of 2024 RTIP to the CTC
February, 2024	CTC	Conduct Southern/Northern California Public Hearing
March, 2024	CTC	CTC will circulate staff recommendation for 2024 STIP
April, 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

Current 2022 STIP as Adopted - Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding. The Truck Climbing Lanes project on State Route 58 east of Bakersfield is considered a partnership project with Caltrans, with the intent of receiving SHOPP funding in future cycles for the construction phase. SR 46 widening work was advanced in the 2022 STIP to include construction funding for Segments 4B and 4C. These last 2 segments, once constructed, will complete the delivery of the last Phase 4, 5-mile segment. Phases 1, 2, and 3 are constructed. The Hageman Flyover project was programmed for construction in the 2022 RTIP. But the project has experienced delays. A STIP amendment was subsequently submitted by Kern COG to move funding from the Hageman Flyover to a new freeway to freeway connector project at the SR 58 and 99 freeway interchange. The STIP amendment was approved at the January 25-26, 2023 CTC meeting.

2022 STIP KERN REGION PROJECT STATUS	
SR 46 Widen Segment 4B	This project is currently under construction and scheduled for completion in 2023. This project will not move forward into the 2024 RTIP.
SR 46 Widen Segment 4C	Received construction authorizations in 22-23 and scheduled to begin work in 2023. This project received full STIP and TCEP allocations. This project will not move forward into the 2024 RTIP.
SR 58 Centennial Mainline	Under construction at 81% completed & expected to be completed later this year. Final AB 3090 (STIP) payment was allocated in 2022.
SR 99/204 Hageman Flyover	The Hageman project was not likely to advance to construction as programmed in the 2022 STIP. Kern COG subsequently requested a 2022 STIP Amendment. The amendment was approved at the January 25-26, 2023 CTC meeting to remove STIP funds from Hageman and move to new STIP project to construct a new freeway to freeway connector from eastbound SR 58 from new alignment west of SR 99 to northbound 99.
SR 58 Climbing Lanes	In the environmental review phase using CRRSAA/COVID funding.
NEW - SR 58/99 Connector	New project added to the 2022 STIP. This project was approved at the January 25-26, 2023, CTC meeting, as a STIP amendment and will fund the construction phase for the new connector. The City of Bakersfield is the lead for this work.

These projects are part of the 2022 State Transportation Improvement Program, and their funding activity is tracked by the CTC, every two years, through an updated document called Report of STIP Balances County and Interregional Shares, or the Orange Book. Attachment A of this report includes the 2022 Orange Book page for the Kern Region. The CTC will provide an update for the 2024 RTIP cycle sometime in the months ahead.

Update of Kern COG Project Delivery Policies and Procedures – In 2019, the Kern COG Board adopted the latest version of the Kern COG Project Delivery Policies and Procedures document which included updates to Chapters 1, 2 and 3. Chapter 3 focuses on the Regional Transportation Improvement Program process. The update included changes that provided consistency with STIP guidelines and other discretionary transportation programs.

Action: Information.

Enclosures:

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments
Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops
Attachment D: KCOG RIP 60/40 Status
Attachment E: 2024 RTIP Capital Improvement Program – Baseline

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)

2022 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

($1,000's)

Total County Share, June 30, 2021 (from 2021 Report)	86,641
Adjustment for 2019-20 and 2020-21 lapses	0
Less 2020-21 Allocations and closed projects	(46,091)
Less Projects Lapsed, July 1, 2021-June 30, 2022	0
2022 STIP Fund Estimate Formula Distribution	22,452
Total County Share, June 30, 2022	63,002

Kern

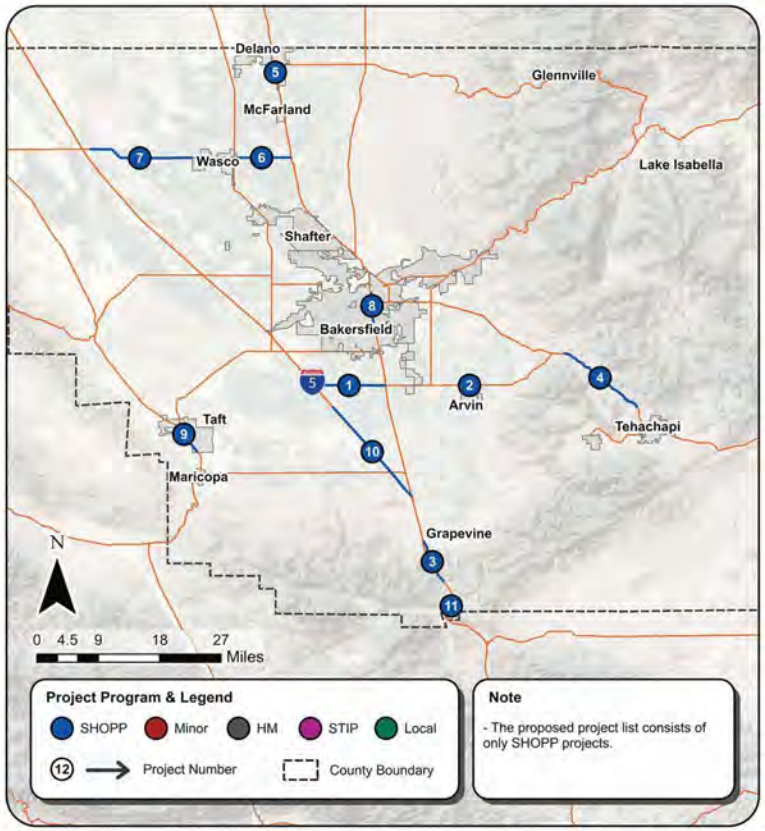
								Project Totals by Fiscal Year						Project Totals by Component					
Agency	Rte	PPNO	Project	Ext	Del.	Voted	Total	Prior	22-23	23-24	24-25	25-26	26-27	R/W	Const	E & P	PS&E	R/W Sup	Con Sup
Highway Projects:																			
Kern COG		6L03	Planning, programming, and monitoring			Dec-21	300	300	0	0	0	0	0	0	300	0	0	0	0
Bakersfield	cash	3705B	AB 3090 Reimbursement (Westside Pkwy-Ph 1)(18S-07)			Jun-22	18,963	0	18,963	0	0	0	0	0	18,963	0	0	0	0
Caltrans	14	8042B	Freeman Gulch widening-Segment 2 (RIP 40%)				1,960	1,960	0	0	0	0	0	0	0	0	1,960	0	0
Caltrans	46	3386E	Widen 4 lns, Browns Material Rd-CA Aqueduct, Seg 4C				13,995	5,450	8,545	0	0	0	0	2,750	4,445	0	2,100	600	4,100
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204				25,593	0	0	0	0	25,593	0	0	25,593	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring				2,191	0	300	300	591	500	500	0	2,191	0	0	0	0
			Subtotal, Highway Projects				63,002	7,710	27,808	300	591	26,093	500	2,750	51,492	0	4,060	600	4,100
	Total Programmed or Voted since July 1, 2021						63,002												
COVID Projects																			
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204 (20S-26)			Oct-21	2,686	0	2,686	0	0	0	0	2,686	0	0	0	0	0
Caltrans	58	2664	Truck Climbing Lane, e/b, PM 76.3-79.8(20S-26)				2,272	2,272	0	0	0	0	0	0	0	2,272	0	0	0
	Total Programmed or Voted since July 1, 2021						4,958	2,272	2,686	0	0	0	0	2,686	0	2,272	0	0	0

Balance of STIP County Share, Kern	
Total County Share, June 30, 2022	63,002
Total Programmed or Voted Since July 1, 2021	63,002
Unprogrammed Share Balance	0
Share Balance Advanced or Overdrawn	0
COVID Programming	
Target	6,414
Total Programmed or Voted Since July 1, 2021	4,958
2021-22 Lapsed Projects	0
Less 2020-21 Allocations	0
Under (Over) Target	1,456

Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROPOSED PROJECT LIST (YEARS 6-7)

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROPOSED PROJECT LIST (YEARS 6-7)								
1	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	Proposed	$9,877	2024/25
2	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
3	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25
4	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
5	1A810	6	99	54.6 / 54.61	Delano Facility. Reconstruct Building	ENV	$3,486	2025/26
6	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
7	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
8	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
9	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
10	0W930	6	5	15.9R / 30.0	KER I5 CAPM / Remove .35' HMA and Place .25' HMA and 0.10' RHMA.	ENV	$35,406	2025/26
11	0X570	6	5	.73 / 1.08	Tejon SRRA Water & Wastewater Upgrades / Upgrade Water and Wastewater Systems	ENV	$10,170	2025/26



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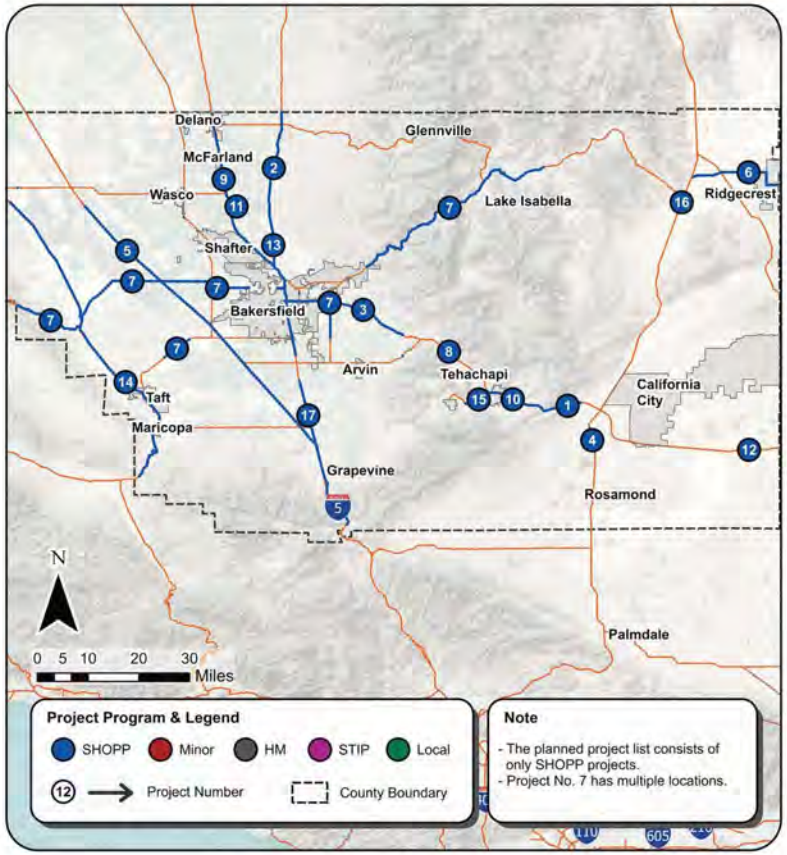
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PLANNED PROJECT LIST (YEARS 8-10)

No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PLANNED PROJECT LIST (YEARS 8-10)								
1	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	Future	$39,623	2026/27
2	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
3	0X450	6	58	R64.9 / R64.91	Arvin KER-58 Wim Upgrade / Improve Weigh Facility	Future	$3,051	2026/27
4	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	Future	$47,558	2026/27
5	19586	6	5	52.80 / 62.6	Rehab	Future	$76,423	2027/28
6	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	Future	$72,355	2027/28
7	22144	6	58	3.03 / 72.67	In Kern County at various locations. Drainage improvements	Future	$14,196	2027/28
8	22129	9	58	81 / 81.1	In Kern county at CVEF on Route 58 eastbound	Future	$1,260	2028/29
9	1A660	6	99	R43.9R / 49.4	CAPM	Future	$9,522	2028/29
10	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29
11	22167	6	99	R43.6R / R43.61R	50 0011R Spot prep and paint steel members	Future	$2,115	2028/29
12	21986	9	58	R138.75 / R139.0	In Kern County at Boron SRRA. Rehab wastewater treatment.	Future	$2,994	2028/29
13	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
14	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
15	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58.	Future	$9,387	2028/29
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	$2,463	2028/29
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	$13,724	2028/29



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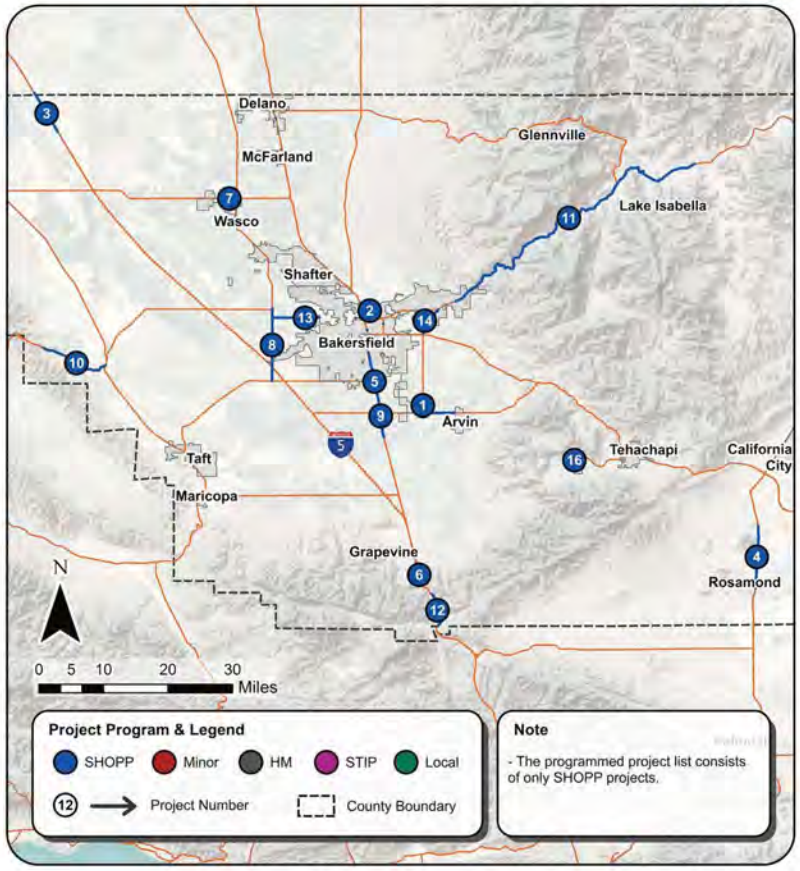
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
1	0V280	6	184	L0.9 / L1.1	Kern 184/Sunset Roundabout / Intersection Improvements	CON	$9,050	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U470	6	5	82 / 87	Lost Hills Rehab / Pavement Rehabilitation (2R)	CON	$29,330	2019/20
4	36740	9	14	R4.7 / R12.6	Rosamond-Mojave Rehab / 2R	CON	$73,615	2019/20
5	0U240	6	99	VAR / VAR	Various locations in Kern and Kings Counties	CON	$10,802	2019/20
6	0W160	6	5	5.97 / 9.78	Grapevine Culvert Repair / Upgrade Drainage Systems	CON	$14,214	2019/20
7	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
8	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
9	0Q920	6	99	10.4 / 21.2	Union Ave to White Lane 2R Rehab / Pavement Rehabilitation and Improve Vertical Clearance	CON	$66,740	2019/20
10	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	$12,400	2020/21
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	$10,100	2021/22
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	$16,783	2021/22

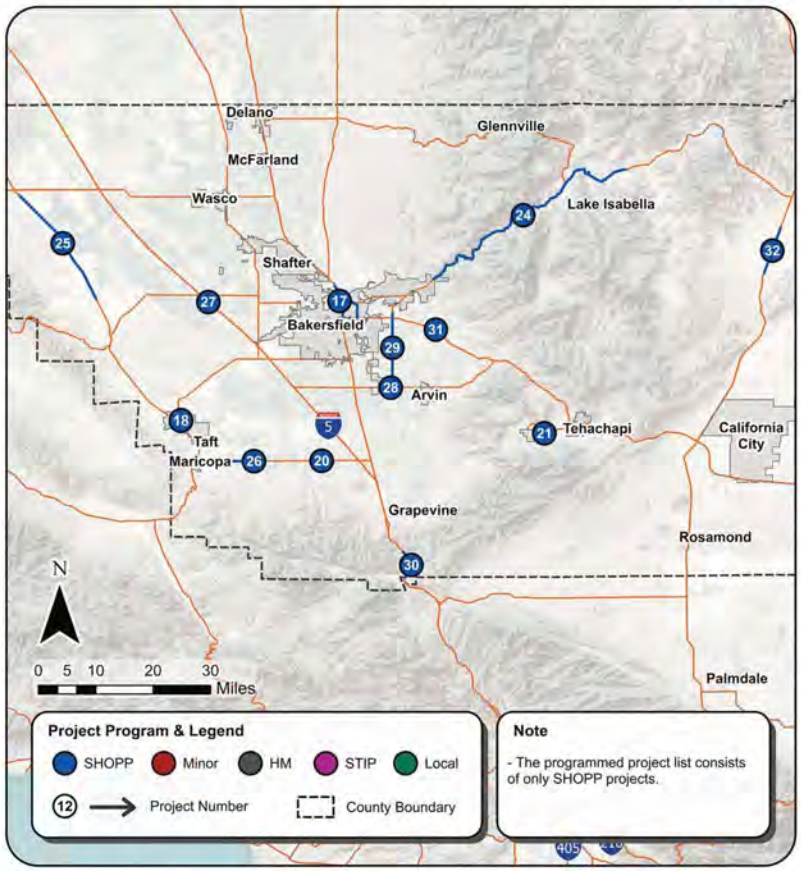


Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART II

Kern Council of Governments

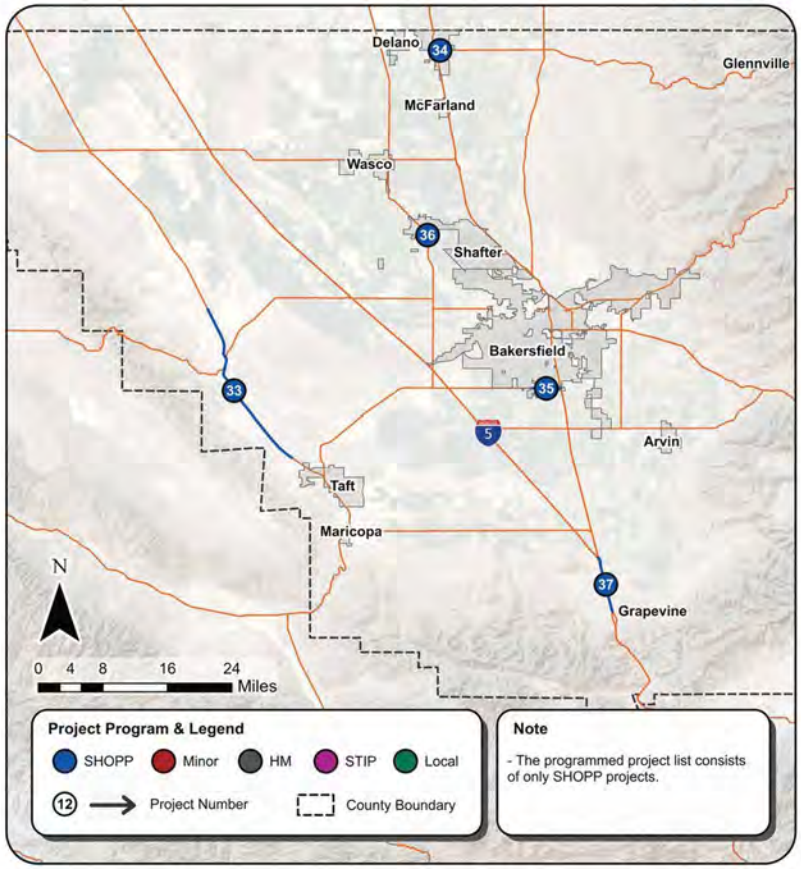
No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
17	0Q281	6	99	23.6 / R28.4	Bakersfield 99 Rehab Replacement Planting / Replacement Planting	ENV	$10,340	2021/22
18	0X760	6	119	0.14 / 0.54	Taft Left Turn Channelization / Left-Turn Channelization	ENV	$5,221	2021/22
19	0T000	6	58	R53.2 / R55.6	KER 58 ADA / Upgrade Curb Ramps	DES / ROW	$4,620	2021/22
20	0S050	6	166	17.3 / 17.7	Calif Aqueduct Bridge Rehab / Bridge Rehabilitation/Seismic Retrofit	ENV	$44,045	2021/22
21	36720	9	202	r4.89 / R4.89	Cummings Valley Rd Int / Construct Left Turn Lane	DES / ROW	$5,044	2021/22
22	0W150	6	204	0.00 / 6.752	SR 204 within City of Bakersfield and TUL SR 65 in Exeter at various locations	DES	$10,728	2021/22
23	0W990	6	204	2.805 / 2.805	Union Avenue High Intensity Activated Crosswalk / Install Hybrid Pedestrian Beacon (Hawk)	DES / ROW	$4,275	2021/22
24	0X080	6	178	8.0 / 50.0	Kern Canyon Culvert Rehab / Repair and Replace Culverts	DES / ROW	$13,000	2021/22
25	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
26	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
27	1A690	6	5	47.55 / 52.15	Buttonwillow Median Barrier / Construct Median Barrier	ENV	$5,720	2022/23
28	0R190	6	223	15.7 / 16.3	Arvin SR 223/184 Roundabout / Intersection Improvement	DES / ROW	$3,700	2022/23
29	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
30	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
31	0X160	6	58	64.40 / 67.30	Edison 2R Rehab / Pavement Rehabilitation (2R)	ENV	$14,270	2022/23
32	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23



KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
33	0X240	6	33	21.8 / 39.8	KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	$11,430	2023/24
34	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
35	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
36	1A470	6	43	15.8 / 15.8	Santa Fe Roundabout / Construct Roundabout	ENV	$13,617	2023/24
37	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24



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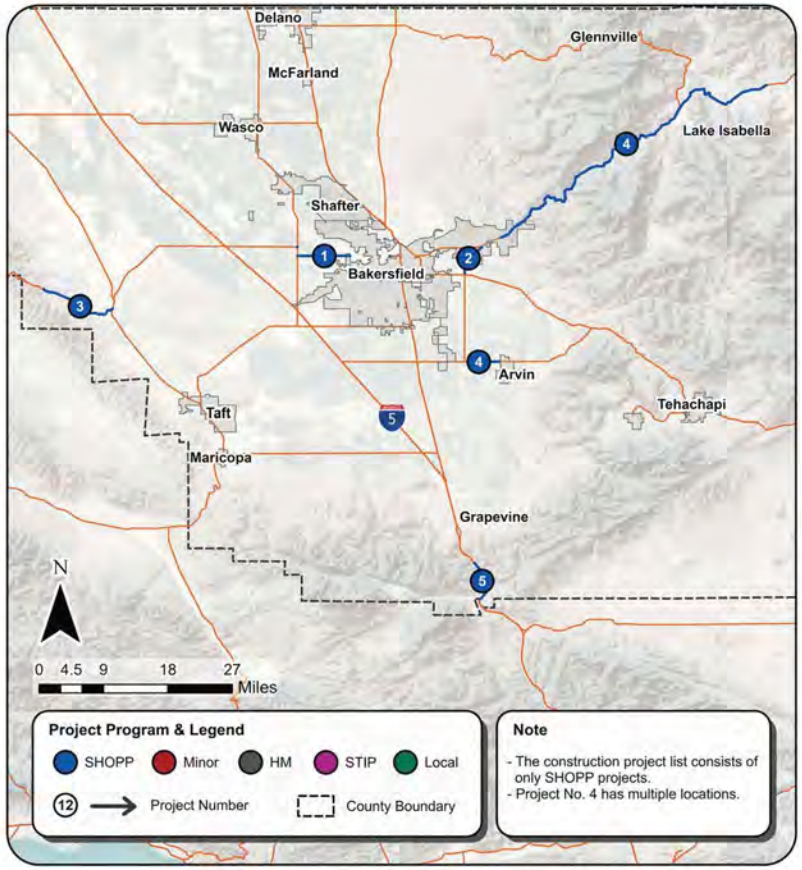
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
CONSTRUCTION READY PROJECT LIST

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
CONSTRUCTION READY PROJECT LIST (READY TO LIST ACHIEVED)								
1	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	CON	$12,400	2020/21
2	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES	$12,140	2020/21
3	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES	$15,970	2020/21
4	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
5	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21



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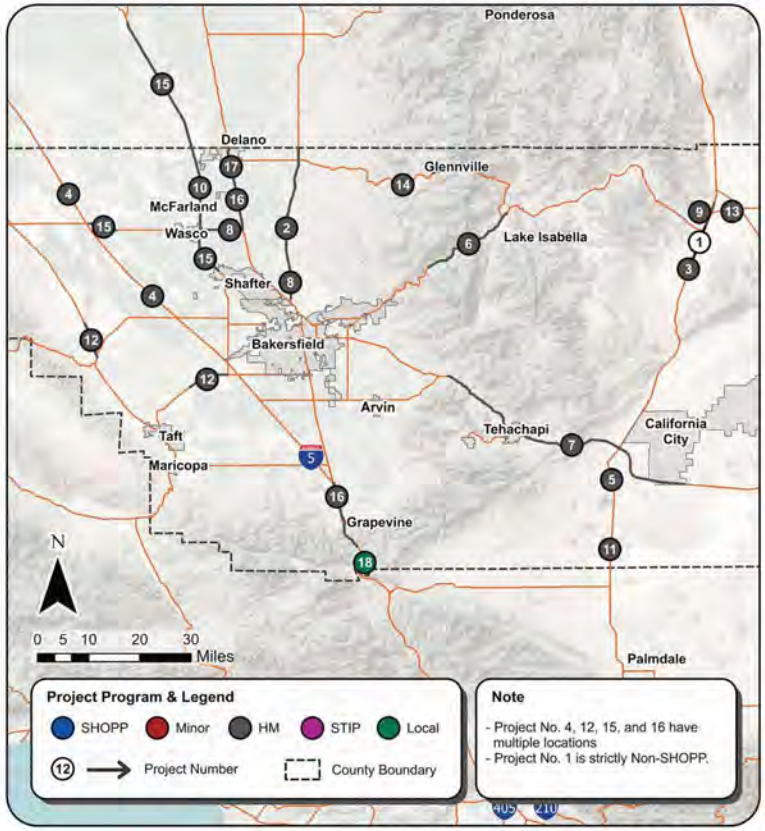
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
1	45712	6	14	53/58.3	Freeman Gulch Widening-Segment 2 / Convert Existing 2-Lane to 4-Lane Expressway	DES / ROW	$85,530	2022/23
2	1B080	6	65	1.0 / 25.169	Striping / 6 inch Stripe	CON	$2,570	2020/21
3	38570	9	14	52.8 / 58.3	Pavement Preservation / AR Chip Seal - SB1	CON	$916	2020/21
4	1A930	6	5	77.0 / 82.6	Rigid Roadbeds / PCC Slab Replacement	CON	$1,075	2020/21
5	38590	9	14	R12.3 / R15.3	Pavement Preservation / Digouts	CON	$1,761	2020/21
6	0Y110	6	178	24.6 / R44.191	Pavement Preservation / PME Medium Chip Seal	CON	$2,525	2020/21
7	38580	9	58	77.252 / R125.3	Pavement Preservation / Digouts	CON	$1,100	2020/21
8	1A950	6	46	51.2 / 57.785	Pavement Preservation / Remove and Replace RHMA Type G	CON	$4,300	2020/21
9	38800	9	14	58.3 / 62.2	Slopes/Vegetation / Slope Repair	CON	$40	2020/21
10	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	$5,425	2020/21
11	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	$32	2020/21
12	1B000	6	33	34.2 / 40.0	Pavement Preservation / PME Medium Chip Seal	CON	$2,425	2020/21
13	38130	9	178	91.88 / 91.88	Maintenance Facilities / Pave portion of yard	CON	$215	2020/21
14	1B020	6	155	35.5 / 37.5	Pavement Preservation / 0.15 HMA Type a w/ Digouts	CON	$2,650	2020/21
15	1A990	6	43	17.3 / R24.0	Pavement Preservation / PME Med Chip Seal	CON	$3,400	2020/21
16	1A900	6	5	4.4 / R15.8R	Rigid Roadbeds / PCC Slab Replacement	CON	$2,950	2020/21
17	1C002	6	99	54.5 / 54.5	Maintenance Facilities / Slurry Seal Delano MF	CON	$224	2020/21
18	0Y550	6	5	0.8/2	Lebec Mountain Village Roundabout / Construct Roundabout at Ramp Intersections	ENV	$402	2023/24



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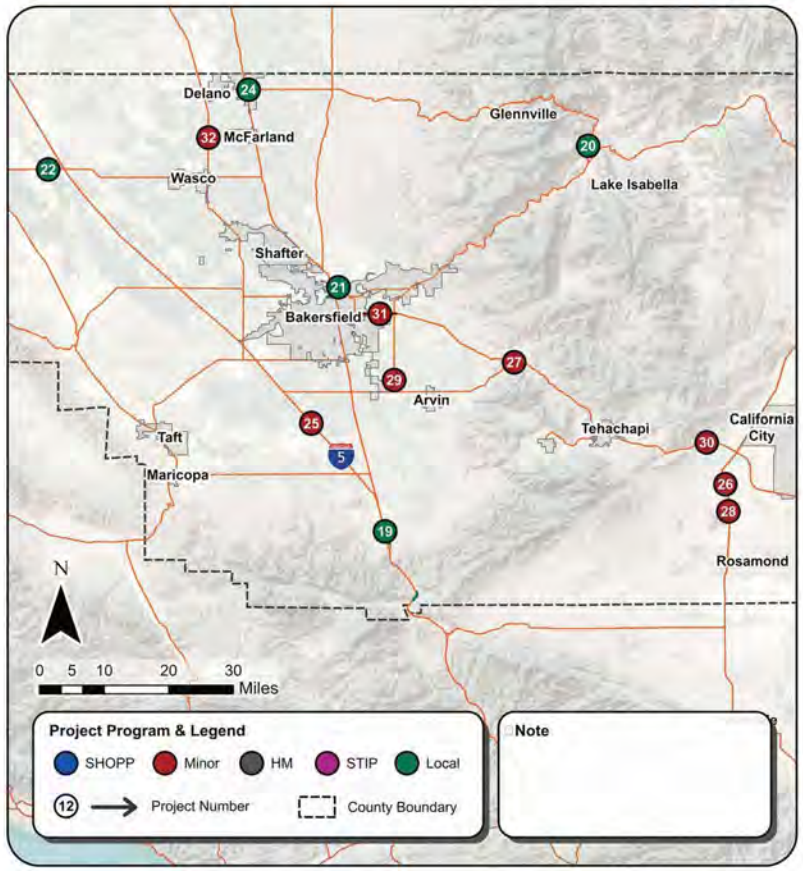
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
19	0R100	6	5	9.5/12	Grapevine Interchange / Relocate Interchange	ENV	$1,200	2025/26
20	0V770	6	155	68.2/R68.6	Usace Lake Isabella Oversight Projects / Realign Roadway	CON	$419	Future
21	48450	6	204	5.9/6.8	Hageman Flyover / Extension and Connection to RTE 204	DES / ROW	$5,658	2021/22
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	$1,300	2020/21
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	$0	2021/22
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	$498	2021/22
25	0T030	6	5	28.17 / 28.17	Mobility - TMS / In Kern, Kings and Fresno Counties, on Route 5 at various locations. Install Vehicle Detection Systems (VDS).	CON	$3,762	2020/21
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	$2,273	2020/21
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	$1,900	2021/22
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	$2,273	2020/21
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	$327	2021/22
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	$382	2020/21
31	0Y940	6	58	R55.47 / R59.67	Pavement / In Kern County, in Bakersfield on Route 58 at various ramps/locations. Remove and replace pavement.	DES	$400	2021/22
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	$250	2021/22



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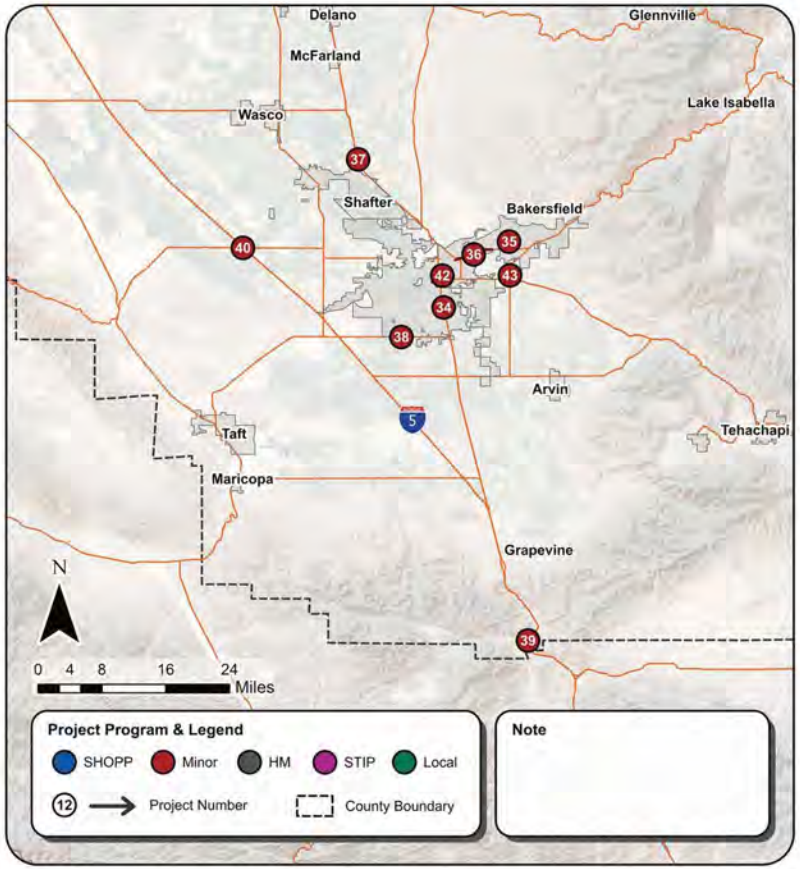
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
33	0S790	6	178	R4.5 / R4.5	Pavement / In Kern County, in Bakersfield at the Mount Vernon Avenue westbound onramp. Remove and replace pavement.	DES	$384	2021/22
34	1A150	6	99	20.6 / 20.6	Major Damage - Protective Betterments / In Kern County, in Bakersfield at Pacheco Road. Upgrade fence.	DES	$163	2021/22
35	1A130	6	178	R4.6 / R5.2	Major Damage - Protective Betterments / In Kern County, in the city of Bakersfield at various locations. Construct fence.	DES	$195	2021/22
36	0Y950	6	178	R1.89 / R5.78	Pavement / In Kern County, in Bakersfield on Route 178 at various ramps/locations. Remove and replace pavement.	DES	$415	2021/22
37	0V130	6	99	R39.1 / R39.1	Pavement / In Kern County, near Bakersfield on Route 99 at Merced Avenue offramp. Remove asphalt pavement and replace with concrete pavement.	DES	$600	2021/22
38	0X920	6	119	26.1 / 26.4	Safety Improvements / In Kern County, at Old River Road. Install safety lighting.	DES	$205	2021/22
39	1B160	6	5	R0.0 / R0.0	Mobility - Operational Improvements / In Fresno, Kern, Kings, Madera and Tulare counties on various routes at various locations. Repair and replace detection loops	DES	$325	2021/22
40	1C240	6	58	31.44 / 31.75	Pavement / In Kern County from 0.01 miles west of Route 5 SB offramp to Tracy Avenue (East). Remove and replace pavement and loops.	CON	$385	2020/21
41	1A420	6	178	R4.6 / R4.6	Major Damage - Protective Betterments /	CON	$134	2020/21
42	0X540	6	178	R2.26 / R2.26	Safety Improvements / In Kings County, at Pickerell Avenue. Install flashing beacon.	DES	$205	2020/21
43	1A860	6	184	8.35 / 8.35	Pavement / In Kern County, near Bakersfield at Edison Road. Remove and replace pavement.	DES	$410	2020/21



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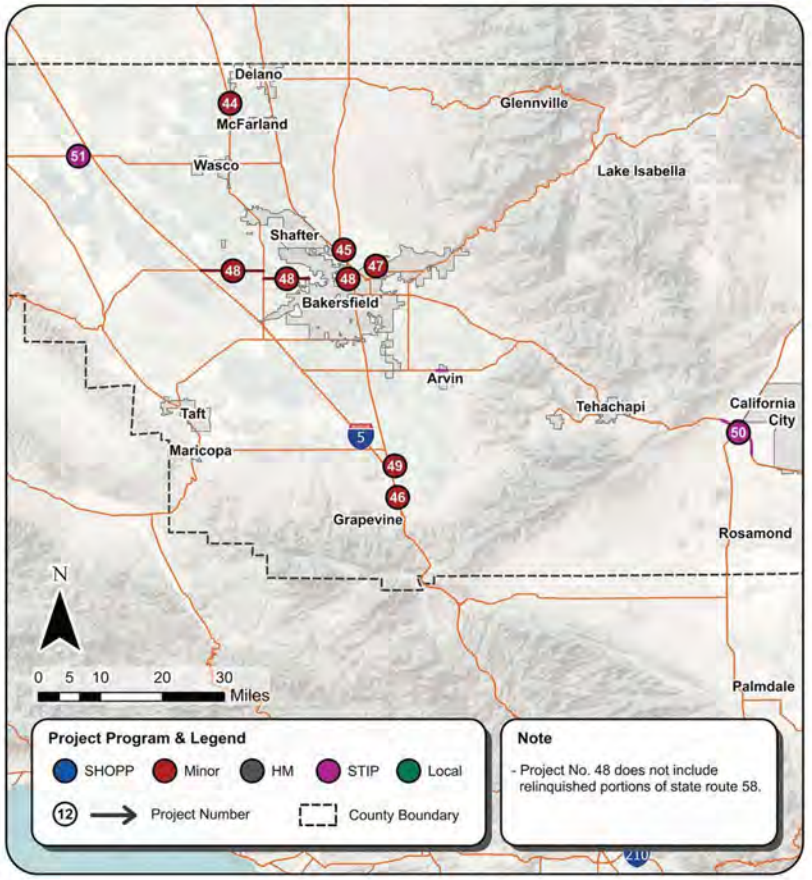
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART IV

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
44	0Y340	6	43	33.2 / 33.5	Safety Improvements / In Kern County, at Pond Road. Install flashing beacon.	DES	$173	2020/21
45	1A550	6	99	26.7 / 26.7	Bridge - Health / In Kern County, on Route 99 at the Calloway Canal Bridge and on Route 119 at the Weed Creek and Broad Creek Bridges. Repair bridges.	DES	$555	2021/22
46	1C030	6	5	11.7 / 12.39	Mobility - WIM Scales & CVEFs / In Kern County from the Grapevine Commercial Vehicle Enforcement Facility to 2.6 miles south of the Route 99 junction. Replace weigh station message sign.	DES	$500	2021/22
47	0Y780	6	99	26.502 / 26.502	Facilities / In Bakersfield, at the old California Highway Patrol (CHP) facility at 4040 Buck Owens Boulevard. Acquire facility to maintain Transportation Management Center (TMC) functions.	DES	$106	2021/22
48	1B150	6	58	31.6 / 51.8	Kern Freeway Signs / Upgrade and Install Freeway Signs	CON	$460	2020/21
49	1C330	6	5	13.54 / 13.8	Pavement / In Kern County at the NB off ramp to Wheeler Ridge. Remove and Replace HMA	DES	$325	2021/22
50	44255	6	46	29.7/31.9	Route 46 Conv/Exwy Segment 4B / 2-Lane Conventional Highway to 4-Lane Expressway Segment 4B	CON	$40,503	2020/21
51	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	$87,010	Future



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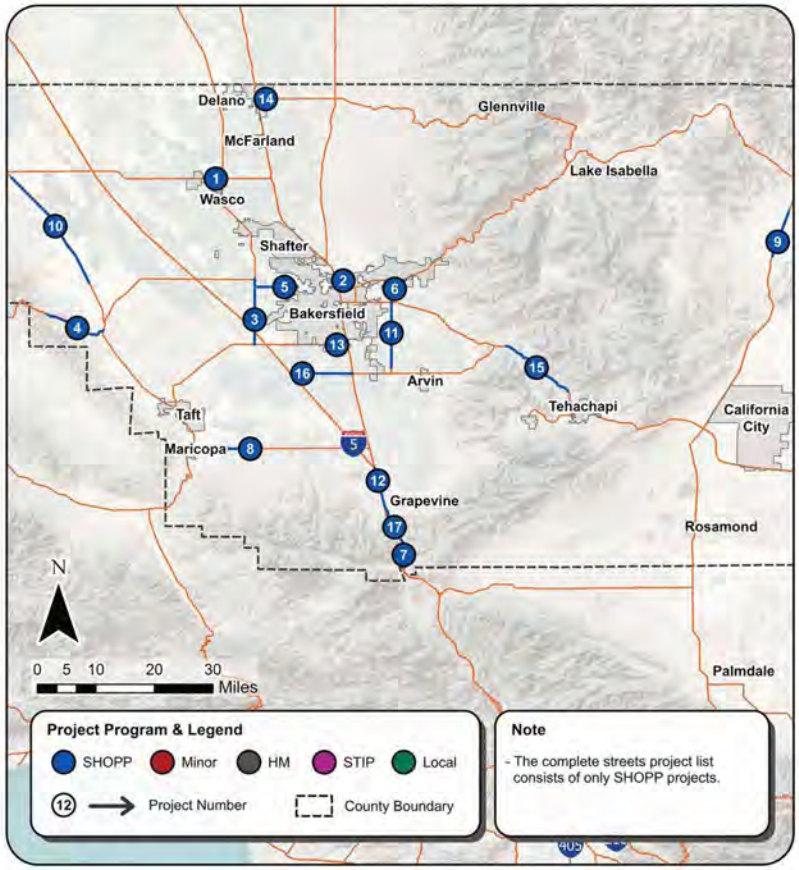
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
	COMPLETE STREETS PROJECT LIST							
1	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
4	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
5	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	Closeout	$12,400	2020/21
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
7	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
8	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
9	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23
10	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
11	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
12	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24
13	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
14	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
15	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	$9,877	2024/25
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25



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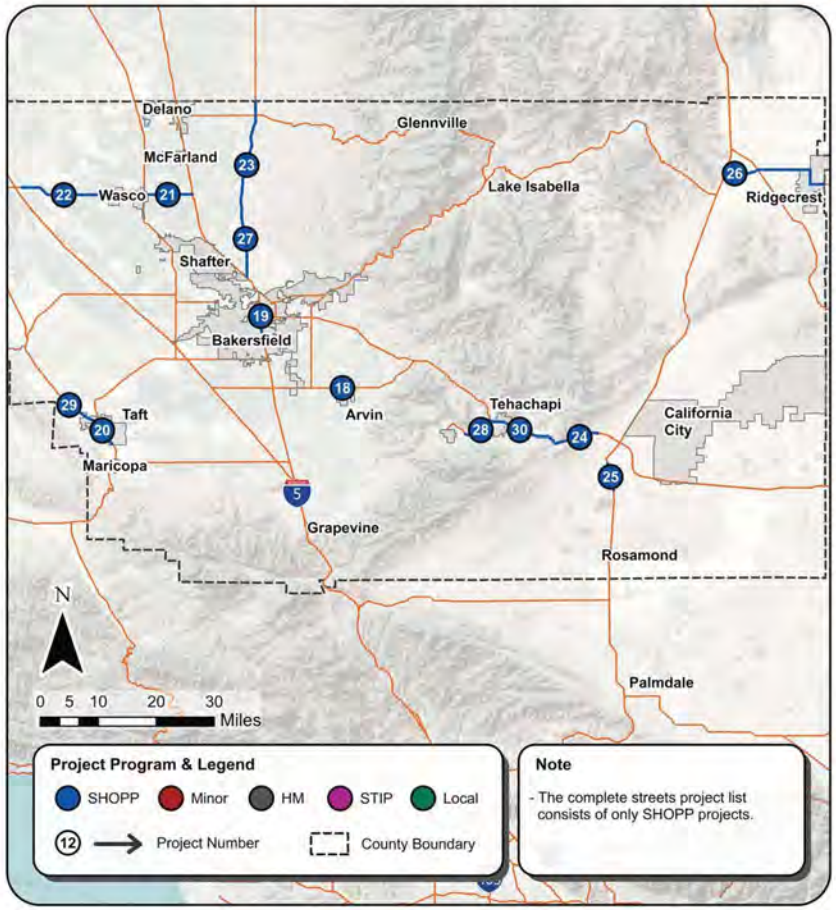
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART II

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
18	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
19	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
20	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
21	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
22	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
23	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
24	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	ENV	$39,623	2026/27
25	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	ENV	$47,558	2026/27
26	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	ENV	$72,355	2027/28
27	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
28	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58	Future	$9,387	2028/29
29	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
30	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29



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Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops

Kern Council of Governments

March 1, 2023

TO: Regional Project Delivery Partners

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

Raquel Pacheco,
Regional Planner

SUBJECT: **SAVE THE DATE - 2024 RTIP KCOG WORKSHOPS**

Please make a note of the dates and time listed below for the Kern COG 2024 RTIP Workshops. Reminder e-mail messages, workshop flyers, and agenda packages will be sent out as each date approaches. Dates will be included in updated TTAC and Board agenda reports.

- Wednesday **April 26, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **June 21, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **August 23, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **September 13, 2023** – 10:00 AM to 11:00 AM – teleconference (tentative)

Topics for presentations and discussions may include but are not limited to the following items:

April Workshop
- STIP 101, latest guidelines and KCOG policy
- Current funding needs of projects in the STIP and those that were delayed
- Status of partnership projects in Eastern Kern MOU with Inyo, Mono & Caltrans
- Discussion on need for future call for projects

June Workshop
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Options for administrative draft 2024 RTIP Capital Improvement Program

August Workshop
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

September Workshop (tentative)
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

Kern Council of Governments
1401 19th Street, Suite 300, Bakersfield, California 93301 (661) 861-2191 Facsimile (661) 324-8215 TTY (661) 832-7433 www.kerncog.org

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non - 60/40	Metro	%	Non-Metro	%
1998 RTIP Augmentation	$6,177,000		$3,706,200	60%	$2,470,800	40%
Cecil Ave; Albany St-Browning Rd	$5,646,000				$531,000	
7th Standard; Rte 99-Santa Fe Exp.	$5,070,000				$576,000	
Wheeler Ridge Rd;Le Gray Rd-Rte 223	$3,970,000				$1,100,000	
Rte 14; old Rte 58-Phillips Rd	$3,550,000				$420,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$3,185,000				$365,000	
Rte 46; Wasco Rte 43 N.-Jumper Ave	$2,185,000				$1,000,000	
Rte 58; in Tehachapi at Dennison Rd	$1,685,000				$500,000	
Rte 119; in Taft, Cherry-Tupman	$868,000				$817,000	
Rte 184; Rte 223-Panama Lane	$254,000				$614,000	
Rte 395; Inyo Co.-Olancha/Cartago	$139,000				$115,000	
1998 Balance	$139,000*[b]		$0	0%	$6,038,000	98%
2000 RTIP Committed Programming*[c]	$7,426,000		$4,455,600	60%	$2,970,400	40%
Rte 14; old Rte 58-Phillips Rd	$2,000,000				$5,426,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$1,000,000				$1,000,000	
Rte 46; Keck's Road to I-5 *[a]	$0				$1,000,000	
2000 Balance			$0	0%	$7,426,000	100%
2002 RTIP Committed Programming*[c]	$37,008,000		$8,766,000	60%	$5,844,000	40%
STIP PPM	$36,510,000	$498,000				
Westside Parkway*[d]	$14,610,000	$21,900,000				
Rte 14; near Rte 178	$13,086,000				$1,524,000	
Rte 46; Keck's Road to I-5*[a]	$8,631,000				$4,455,000	
Rte 46; Rte43 N.-Jumper Ave	$8,221,000				$410,000	
Rte 58; in Tehachapi at Dennison Rd	$7,186,000				$1,035,000	
Rte 99; White Lane Soundwall	$6,436,000		$750,000			
Rte 119; in Taft, Cherry-Tupman	$5,436,000				$1,000,000	
Rte 184; Weedpatch Hwy	$4,096,000				$1,340,000	
Rte 395; China Lake Blvd to Rte178	$3,296,000				$800,000	
Rte 395; Mono Co.- Highpoint Curve	$3,165,000				$131,000	
Rte 395; I-15 to Rte 58	$1,165,000				$2,000,000	
West Ridgecrest Blvd	$165,000				$1,000,000	
7th Standard Road (East) - Wings Way	$0		$165,000			
2002 Balance			$915,000	6%	$13,695,000	94%
2004 RTIP Committed Programming*[c]	$72,132,000		$24,643,800	60%	$16,429,200	40%
STIP PPM	$71,773,000	$359,000				
Westside Parkway*[d]	$41,073,000	$30,700,000				
Rte 14; old Rte 58-Phillips Rd	$22,960,000				$18,113,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$22,160,000				$800,000	
Rte 46; Rte43 N.-Jumper Ave	$21,500,000				$660,000	
Rte 119; in Taft, Cherry-Tupman	$21,000,000				$500,000	
Rte 178; at Fairfax Rd	$6,000,000		$15,000,000			
7th Standard Road Interchange	$3,500,000		$2,500,000			
7th Standard Road (East) - Wings Way	$1,000,000		$2,500,000			
7th Standard Road (West) - Shafter	$0				$1,000,000	
2004 Balance			$20,000,000	49%	$21,073,000	51%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2006 RTIP - Respreading Budget*[c]	$13,014,000		$7,733,400	60%	$5,155,600	40%
STIP PPM	$12,889,000	$125,000				
Rte 58; in Tehachapi at Dennison Rd	$11,720,000				$1,169,000	
Rte 395; China Lake Blvd to Rte178	$11,280,000				$440,000	
Rte 395; Inyo Co.-Indep. Mitigation	$11,200,000				$80,000	
7th Standard Road (West) - Shafter	$0				$11,200,000	
2006 Balance			$0	0%	$12,889,000	100%
2006 RTIP Augmentation	$20,592,000		$1,843,200	60%	$1,228,800	40%
STIP PPM	$19,772,000	$820,000				
Westside Parkway*[d]	$3,072,000	$16,700,000				
Rte 46; Keck's Road to Rte 33*[a]	$2,622,000				$450,000	
Rte 395; Inyo Co.-Independence	$687,000				$1,935,000	
Rte 395; Inyo Co.-Olancha/Cartago	$0				$687,000	
2006 Augmentation Balance			$0	0%	$3,072,000	100%
2008 RTIP Committed Programming	$164,761,000		$61,756,800	60%	$41,171,200	40%
STIP PPM	$161,598,000	$3,163,000				
Westside Parkway*[d]	$28,398,000	$58,670,000	$74,530,000			
Rte 46; SLO Co. line-Keck's Corner *[a]	$27,098,000				$1,300,000	
Rte 46; Keck's Road to Rte 33*[a]	$0				$27,098,000	
2008 Balance			$74,530,000	72%	$28,398,000	28%
2010 RTIP Committed Programming	$54,477,000		$31,620,000	60%	$21,080,000	40%
STIP PPM	$52,700,000	$1,777,000				
Westside Parkway	$2,700,000		$50,000,000			
SR 99: South	$0		$2,700,000			
2010 Balance			$52,700,000	100%	$0	0%
2012 RTIP Committed Programming	$16,318,000		$9,232,800	60%	$6,155,200	40%
STIP PPM	$15,388,000	$930,000				
Rte 14; near Rte 178	$9,868,000				$5,520,000	
Rte 395; Inyo Co. Olancha/Cartago	$7,700,000				$2,168,000	
West Ridgecrest Blvd	$1,500,000				$6,200,000	
Challenger Drive Ext.	$0				$1,500,000	
2012 Balance			$0	0%	$15,388,000	100%
2014 RTIP Committed Programming	$5,803,000		$3,123,000	60%	$2,082,000	40%
STIP PPM	$5,205,000	$598,000				
Rte 119; Truck Climbing Lane	$0				$5,205,000	
2014 Balance			$0	0%	$5,205,000	100%
2016 RTIP Respreading Budget*[c]	$38,398,000		$22,560,600	60%	$15,040,400	40%
STIP PPM	$37,601,000	$797,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$33,501,000				$4,100,000	
Rte 58; Westside Parkway Connector	$500,000		$33,001,000			
Rte 395; Inyo Co. Olancha/Cartago Arch.	$0				$500,000	
2016 Balance			$33,001,000	87%	$4,600,000	12%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2018 RTIP Committed Programming	$38,820,000		$22,842,000	60%	$15,228,000	40%
STIP PPM	$38,070,000	$750,000				
Rte 14 Freeman Gulch-Segment 2	$36,110,000				$1,960,000	
Rte 46; Brown Mat.-e/o Lost Hills Rd; 4B*[a]	$33,710,000				$2,400,000	
Rte 58; WS Pkwy Conn Mainline Ph1	$3,500,000		$30,210,000			
Rte 132 Expressway, Phase 1	$0				$3,500,000	
2018 Balance			$30,210,000	79%	$7,860,000	21%
2020 RTIP Cycle Committed Programming	$19,095,000		$11,007,000	60%	$7,338,000	40%
STIP PPM	$18,345,000	$750,000				
Rte 46; CA Aque. Br-e/o Lost Hills Rd; 4B*[a]	$14,745,000				$3,600,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$9,295,000				$5,450,000	
Rte 395; Inyo Co. Olancha/Cartago	$0				$9,295,000	
2020 Balance			$0	0%	$18,345,000	100%
2022 RTIP Cycle	$38,053,000		$22,057,200	60%	$14,704,800	40%
STIP PPM	$36,762,000	$1,291,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$32,638,000				$4,124,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$24,093,000				$8,545,000	
Rte 58/99 Centennial Loop Connector	$0		$24,093,000			
2022 Balance			$24,093,000	66%	$12,669,000	34%
End Balance*[e]			$235,449,000	60%	$156,658,000	40%
			$235,264,200	60%	$156,842,800	40%
			$184,800		-$184,800	

Notes:

*[a] As per $45 million total commitment.

*[b] Carryover included in the next RTIP fund estimate because no project was ready to utilize for any phase of development.

*[c] The 2006 RTIP and 2016 RTIP do not offer any new programming dollars instead existing unallocated programming from previous RTIP cycles has been respread.

*[d] $145 million of 1998 RTIP funds were dedicated to the former Kern River Freeway in the Metro area at the beginning of SB45 and before the 60/40 policy adoption. The "End Balance" is calculated without the $145 million.

*[e] "End Balance" analysis consists of the sum of committed programming. Kern COG staff was careful not to double count any commitments. Please bring any corrections to the attention of Kern COG staff.

Attachment E: 2024 RTIP Capital Improvement Program – Baseline

KERN COUNCIL OF GOVERNMENTS - 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - BASELINE CAPITAL IMPROVEMENT PROGRAM ($ X 1,000)

PROJECT DESCRIPTION	NOTES	PRIORITY	CURRENT AND PROPOSED PHASES				PROJECT TOTAL	KCOG ALL RIP TOTAL	SUMMARY OF ALL FUNDING SOURCES				KCOG RTIP CAPITAL IMPROVEMENT PROGRAM - RIP ONLY							
			ENV	DES	ROW	CON			IIP	KCOG SHARE RIP	OTHER	TOTAL	PRIOR YEAR	2022 STIP CARRYOVER			NEW 2024 RTIP			2024 RTIP
														2024-25	2025-26	2026-27	2027-28	2028-29	MAX SHARE	APDE
PLANNING, PROGRAMMING & MONITORING							$ 1,591	$ 1,591	$ -	$ 1,591	$ -	$ 1,591		$ 591	$ 500	$ 500	$ -	$ -		$ -
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - PROPOSED CAPITAL IMPROVEMENT PROGRAM																				
SR 58/99 – CENTENNIAL CORRIDOR CONNECTOR - EB SR 58 to NB SR 99	*1*	1	•				$ 26,093	$ 24,093	$ -	$ 24,093	$ 2,000	$ 26,093	$ -	$ -	$ 24,093	$ -	$ -	$ -	$ -	$ -
SR 58 CENTENNIAL CORRIDOR MAINLINE **AB 3090 ALLOCATIONS**	*2*	1	•	•	•	•	$ 63,211	$ 63,211	$ -	$ 63,211	$ -	$ 63,211	$ 63,211	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4B	*3*	2	•	•	•	•	$ 40,503	$ 6,000	$ -	$ 6,000	$ 34,503	$ 40,503	$ 6,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4C	*4*	2	•	•	•	•	$ 38,050	$ 13,995	$ -	$ 13,995	$ 24,055	$ 38,050	$ 13,995	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 204 / HAGEMAN FLYOVER	*5*	B	•	•	•	•	$ 63,723	$ 2,686	$ -	$ 2,686	$ 61,037	$ 63,723	$ 2,686	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 58 TRUCK CLIMBING LANES	*6*	B	•				$ 3,200	$ 2,272	$ -	$ 2,272	$ 928	$ 3,200	$ 2,272	$ -	$ -	$ -	$ -	$ -	$ -	$ -
APDE PROJECTS (ADVANCE PROJECT DEVELOPMENT ELEMENT)																				
NO APDE PROJECTS IDENTIFIED	7						$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL FOR 2024 RTIP SUBMITTAL							**$ 236,371**	**$ 113,848**	$ -	**$ 113,848**	**$ 122,523**	**$ 236,371**	$ 88,164	$ 591	$ 24,593	$ 500	$ -	$ -	$ -	$ -

NOTE 1: SR 58/99 CENTENNIAL CORRIDOR LOOP WAS ADDED AS PART OF 2022 STIP AMENDMENT.

NOTE 2: THE AB 3090 ALLOCATION PAYMENTS WERE APPROVED BY THE CTC ON OCTOBER 17, 2019. ALL ALLOCATIONS HAVE BEEN RECEIVED. THIS PROJECT IS UNDER CONSTRUCTION.

NOTE 3: SR 46 WIDENING SEGMENT 4B IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 4: SR 46 WIDENING SEGMENT 4C IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 5: SR 204 / HAGEMAN FLYOVER WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.686 MILLION) AND NON-STIP ($2.565 MILLION) COVID FUNDING. TOTAL COVID $5.251 MILLION.

NOTE 6: SR 58 TRUCK CLIMBING LANES WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.272 MILLION) AND NON-STIP ($928,000) COVID FUNDING. TOTAL COVID $3.2 MILLION.

NOTE 7: APDE OPTIONS ARE OUTLINED IN STIP GUIDELINES AND DEPENDENT ON OUTER YEAR CAPACITY. PROPOSED APDE ACTIVITY IS CONSIDERED AN ADVANCE OF FUTURE RIP SHARES.

Kern Council of Governments

X.
TTAC

May 3, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: X.
INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM

DESCRIPTION:
As per the ITS Plan for Kern Region - Monitoring Program, updates to the ITS Plan project list are due May 19, 2023.

DISCUSSION:
Background
The ITS Plan for the Kern Region was approved by the Kern COG Board on June 21, 2018 and Federally acknowledged on July 9, 2018. The ITS Plan serves as a planning roadmap for ITS strategies and projects to be implemented in the region. This Plan provides guidance to stakeholders on the planning, development, and funding of ITS projects. The contents of this document include project and strategy prioritization and phasing, and then makes recommendations for the use and maintenance of the Regional ITS Architecture to ensure that the projects and strategies from the Plan are implemented.

The 2018 ITS Plan for the Kern Region is posted on the Kern COG website at:
https://www.kerncog.org/wp-content/uploads/2018/06/Final-Del-12-2018-ITS-Plan-for-the-Kern-Region.pdf.

Monitoring Program
Section 12.4 of the ITS Plan reads: Annually, a listing of the projects recommended in the ITS Plan will be produced and a project status update will be requested. A status report would be provided to the Transportation Technical Advisory Committee and Kern COG Board.

Please review Table 12-1 Kern Region Prioritized Project List and provide updates by May 19, 2023 to rpacheco@kerncog.org. Updates received will be part of a staff report for the May 31, 2023 Transportation Technical Advisory Committee and June 15, 2023 Kern COG Board meeting.

Attachment: Table 12-1: Kern Region Prioritized Project List

ACTION: Information.

Table 12-1: Kern Region Prioritized Project List

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
SHORT TERM								
1	ITS Data Warehouse (Phase 1)	As part of Phase 1, this system will develop an ITS historical data archive for all relevant ITS data and provide a centralized system to share data between Caltrans and other local transportation agencies. Data collected can provide information for use in monitoring and evaluating the performance and safety of the transportation system, fulfilling data reporting requirements, and other planning or operational functions. Such a data archive could be utilized as the foundation for real time data and information exchange and/or for providing content to a real-time traveler information system. This system would also interconnect transit management systems and centers within the Region. This project would enable transit agencies to exchange incident, vehicle location, and arrival status information among multiple transit operators. This would enable the agencies to share vehicle location information to better coordinate service at common service boundaries.	Short Term	116	Improve information exchange between Caltrans and local transportation agencies	Data Management Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on a vehicle detection system • The system will depend on the collection and sharing of video and traffic data • The system will depend on robust communications in the Region • The system will depend on willingness of multiple agencies to connect and share data

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
2	Construction and Maintenance Coordination	This system will be used to share information between all agencies to coordinate any construction and maintenance efforts.	Short Term	113	Coordinate construction and maintenance project schedules within and between agencies	Maintenance and Construction Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on willingness of multiple agencies to connect and share data
3	Work Zone Technology	This proposed system will provide the deployment of technology to collect and distribute warning information about potential work zone hazards.	Short Term	102	Warn work crews of errant vehicles	Maintenance and Construction Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on the deployment of technologies capable of communicating with a central system or internet to access third party data/management system
4	Traffic Signal System (Phase 1)	This project will implement signal timing and coordination improvements to help reducing traffic congestion.	Short Term	118	Improve signal timing/coordination	Traffic Management Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on the jurisdictions having a traffic signal control system
				107	Reduce recurring traffic congestion			
5	Regional Transportation Management Center (TMC) Coordination and Traveler	This project supports the ITS data warehouse project. The links would enable data sharing among the transportation agencies and emergency response to provide up to date information to travelers.	Short Term	129	Provide routing (detour) information to travelers during incident, construction, weather events, special events, etc.	Traveler Information Program	Airports Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland	• The system will depend on a robust traffic signal control system • The system will depend on

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
	Information (Phase 1)			122	Provide/enhance road weather conditions information to travelers		City of Shafter City of Taft City of Tehachapi County of Kern Delano Area Rapid Transit (DART) Golden Empire Transit District (GET) Kern Transit Media National Weather Service Private Sector Data Collector	willingness of multiple agencies to connect and share data
				116	Provide roadway closure/restriction information			
				129	Provide information on planned special events			
				103	Provide incident information to travelers			
6	Traffic Information to Emergency Responders	This system will provide technology to distribute traffic information to emergency responders.	Short Term	103	Provide real-time traffic information to emergency responders	Public Safety Program		• The system will depend on willingness of multiple agencies to connect and share data • The system will depend on having a central management system from which to monitor and manage technology
7	Efficient Incident Clearance Education	Work with all emergency responders in the region to establish a plan to reduce incident clearance time.	Short Term	97	Reduce incident clearance time	Public Safety Program	City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern CHP Central Division Private Emergency Service Providers	• The system will depend on willingness of multiple agencies to connect and share data
MEDIUM TERM								

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
8	HAZMAT Response and Tracking	This system will support commercial vehicle operations to improve response time to the Emergency Management Center and develop tracking for HAZMAT vehicles.	Medium Term	93	Improve response to HAZMAT incidents	Commercial Vehicle Operations Program	Caltrans Districts Commercial Vehicle Companies	• The system will depend on willingness of multiple agencies to connect and share data
				72	Provide tracking of HAZMAT vehicles			
9	Commercial Vehicle Tracking	This system will implement tracking technology for commercial vehicles that has the capabilities of providing routing information.	Medium Term	75	Provide better vehicle restrictions and roadway closure information to commercial vehicles	Commercial Vehicle Operations Program	CHP Central Division	• The system will depend on willingness of multiple agencies to connect and share data
10	ITS Data Warehouse (Phase 2)	As part of Phase 2, the system established in Phase 1 will be integrated to provide an ITS historical data archive for all relevant ITS data and provide a centralized system to share data between the transportation and transit agencies. Data collected can provide information for use in monitoring and evaluating the performance and safety of the transportation system, fulfilling data reporting requirements, and other planning or operational functions. Such a data archive could be utilized as the foundation for real time data and information exchange and/or for providing content to a real-time traveler information system. This system would also interconnect transit management systems and centers within the Region. This project would enable transit agencies to exchange incident, vehicle location, and arrival status information among multiple transit operators. This would enable the agencies to share vehicle location information to better coordinate service at common service boundaries.	Medium Term	95	Improve information exchange between transportation and transit agencies	Data Management Program		• The system will depend on willingness of multiple agencies to connect and share data
				92	Improve data collection and archiving			
				84	Implement a central information/data clearinghouse			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
11	ITS Data Implementation	This strategy will use information gathered from connected vehicles and the ITS Data warehouse to planning, modeling, and other analysis purposes.	Medium Term	95	Use archived data for planning, modeling, analysis and traffic management strategy development	Data Management Program		• The system will depend on the implementation of an ITS Data Warehouse from which analysis can be performed
12	Infrastructure Conditions Monitoring	This proposed system will implement technology to collect infrastructure condition information.	Medium Term	91	Monitor transportation infrastructure	Data Management Program		• The system will depend on having a central management system from which to monitor and manage technology
13	Work Zone Monitoring and Information Distribution	This system will manage work zones, control traffic in work zone areas. Traffic conditions will be monitored using CCTV cameras and controlled using dynamic message signs (DMS), Highway Advisory Radio (HAR), gates and barriers. Work zone information will be coordinated with other transportation agencies. The system will provide information about work zone speeds and delays to motorist prior to the work zones.	Medium Term	91	Provide/enhance enforcement in work zones	Maintenance and Construction Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on the collection and sharing of video and traffic data • The system will depend on regional TMC coordination
				89	Provide travel times/delays through work zones			
14	Emergency Communication System	Upgrade emergency communications to have the ability to share real-time condition information with emergency responders and public safety to support faster emergency response. This may involve CAD system center-to-center interfaces, list serves, or other standardized methods of communicating conditions between services in the region.	Medium Term	99	Improve a multi-agency, system-coordinated response to major incidents	Public Safety Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern CHP Central Division Private Emergency Service Providers	• The system will depend on robust communications in the Region • The system will depend on willingness of multiple agencies to connect and share data
				97	Provide incident information to emergency management agencies			
				95	Improve communications in rural areas			
				93	Improve interagency communications			
				93	Improve incident notification to agencies			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
				91	Improve incident response			
15	Emergency Vehicle Technology	This system will update emergency vehicle technologies to include preemption and provide more robust information sharing technologies.	Medium Term	82	Expand emergency vehicle preemption	Public Safety Program	City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern CHP Central Division Private Emergency Service Providers	• Future EVP deployments may utilize appropriate connected vehicle communications infrastructure and technologies
				78	Provide/enhance mobile data terminals for emergency vehicles			
				76	Provide/enhance automatic vehicle location (AVL) for emergency vehicles			
16	Transit Management System	Upgrade and or install computer aided (CAD) and automated vehicle location (AVL) systems in transit vehicles, including interfaces with other transit management systems. The system should be able to receive and send out location and any emergency information.	Medium Term	96	Receive real-time roadway congestion information	Public Transportation Program	DART Golden Empire Transit District (GET) Kern Transit	• The system will depend on the jurisdictions having a traffic signal control system • The system will depend on robust communications in the Region
				88	Coordinate timed transfers between routes, providers and modes			
				87	Develop mobile apps to provide static and real-time transit information			
				86	Expand/enhance/upgrade computer aided dispatch (CAD) system			
				85	Provide transit information using social media			
				84	Enhance 511 to provide static and real-time transit information			
				83	Receive roadway incident information			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
				81	Implement/enhance web-based trip planner			
				79	Provide real-time transit arrival/departure information on web site			
				76	Expand/enhance/upgrade automatic vehicle location (AVL) system			
				75	Expand security cameras on transit vehicles, at transit stations/stops and park-and-ride facilities			
				74	Implement transit signal priority technology			
17	Speed Warning and Enforcement System	This proposed system will monitor vehicle speeds and supports warning drivers when their speed is excessive. The system can also include notifications to an enforcement agency to enforce the speed limits at a location. Roadside equipment and communications will need to be installed to support this system.	Medium Term	90	Provide/enhance speed enforcement at high risk locations	Traffic Management Program	City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern CHP Central Division	• The system will depend on having a central management system from which to monitor and manage technology
18	Traffic Congestion Data Collection	This system will work to share congestion, public safety data, incident information, and surveillance video among different traffic management centers.	Medium Term	99	Share congestion information with other agencies	Traffic Management Program	City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern CHP Central Division	• The system will depend on the jurisdictions having a traffic signal control system
				89	Share public safety/computer aided dispatch (CAD) data with transportation agencies			
				81	Share incident information with other agencies			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
				71	Share surveillance video and data with PSAPs/emergency responders			
19	Arterial Traffic Congestion Warning	This project will work in conjunction with the Regional TMC Coordination and Traveler Information (Phase 1) and the Freeway Traffic Congestion Warning systems to provide motorists with advance notice of traffic congestion and suggestion of alternate routes during incidents.	Medium Term	85	Reduce traffic congestion during incidents	Traffic Management Program	City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern CHP Central Division	• The system will depend on the jurisdictions collecting traffic congestion data • The system will depend on a robust traffic signal control system
20	Traffic Signal System (Phase 2)	Upgrade traffic signal hardware and provide technology to provide the ability to control signal timing remotely.	Medium Term	82	Upgrade signal hardware	Traffic Management Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on the jurisdictions having a traffic signal control system
				80	Coordinate arterial and freeway management strategies			
				79	Improve/implement ability to remotely modify signal timing			
21	Intersection Warning System	This system will warn approaching vehicles of upcoming crashes at an upcoming intersection.	Medium Term	73	Implement intersection collision warning/avoidance systems	Traffic Management Program		• The system will depend on a robust traffic signal control system
22	Incident Response System	This project will work in coordination with emergency responders to provide incident detection technology and provide updated computer aided dispatch (CAD) systems.	Medium Term	91	Improve incident detection	Traffic Management Program		• The system will depend on having a central management system from which to monitor and manage technology • The system will depend on willingness of multiple agencies to
				86	Enhance computer aided dispatch (CAD) systems			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
								connect and share data
23	Freeway Traffic Congestion Warning	This project will work in conjunction with the Regional TMC Coordination and Traveler Information (Phase 1) and the Arterial Traffic Congestion Warning systems to provide motorists with advance notice of traffic congestion and suggestion of alternate routes during incidents.	Medium Term	96	Reduce recurring traffic congestion	Traffic Management Program		• The system will depend on a robust traffic signal control system
				85	Reduce traffic congestion during incidents			
				90	Provide/enhance speed enforcement at high risk locations			
24	Roadway Hazard Warning System	This system will implement sensors and other technology to provide warning to transportation agencies, emergency management centers, and motorists on flooding on roadways.	Medium Term	86	Provide roadway flood warnings	Traffic Management Program		• The system will depend on a robust traffic signal control system
25	Regional Transportation Management Center (TMC) Coordination and Traveler Information (Phase 2)	This project supports the ITS data warehouse project. The links would enable data sharing among a wide variety of traffic, transit and emergency management agencies in the Region. Communications links may interconnect all local jurisdictions and agencies, emergency operations centers, and public safety agencies, such as law enforcement and other emergency responder entities. This project would also provide interfaces to traveler information systems, from which the public can access traveler information via cell phones, land lines, websites, and personal electronic devices.	Medium Term	96	Provide/enhance congestion information to travelers	Traveler Information Program	Airports Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern DART Golden Empire Transit District Kern Motorist Aid Authority Kern Transit Media Private Sector Data Collector	• The system will depend on robust communications in the Region • The system will depend on a robust traffic signal control system • The system will depend on willingness of multiple agencies to connect and share data • The system will depend on transportation management entities having robust, modern, full function transportation management systems
				95	Improve quality, consistency and thoroughness of traveler information			
				94	Provide more timely incident information to travelers			
				93	Provide information on roadway construction and maintenance activities			
				89	Use social media for traveler information dissemination			
				89	Improve 511 system/web site			
				89	Enhance freeway/expressway traffic map			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
				85	Send email alerts of major incidents to major employers			
				75	Provide freeway/expressway travel times			
				75	Provide arterial travel times (on major arterials)			
				71	Improve ridesharing program/website			
				70	Enhance arterial traffic map			
26	Queue Length Warning System	This proposed system will monitor and advice motorists of upcoming queues in and near work zones.	Medium Term	93	Provide advisory to warn traffic of a stopped queue in/near work zones	Vehicle Safety Program		• The system will depend on having a central management system from which to monitor and manage technology
				70	Monitor queue lengths in/near work zones			
27	Environmental Detection System	This proposed system will establish technology for detection and monitoring of environmental, weather, and road conditions throughout the region. The system will detect environmental hazards and alert drivers of unsafe conditions or road closures.	Medium Term	88	Expand coverage of environmental/weather /road conditions detection/monitoring systems	Weather Program	Caltrans Districts County of Kern National Weather Service	• The system will depend on having a central management system from which to monitor and manage technology
28	Establish Freeway Service Patrol System	Establish a freeway service patrol system service including staff, vehicles, and equipment to support the service.	Medium Term	56	Install/upgrade automatic vehicle location (AVL) on freeway service patrol vehicles	Public Safety Program	Caltrans Districts	• The system will depend on having a central management system from which to monitor and manage technology
LONG TERM								
29	Upgraded Arterial Management System	This system may include the following elements, but is not limited to: enhancements to the central system(s), closed circuit television (CCTV) cameras and systems, highway	Long Term	69	Expand CCTV camera coverage on arterials	Traffic Management Program	City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter	• The system will depend on the collection and sharing of video and traffic data
				68	Develop/implement system-wide arterial management strategies			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
		advisory radio (HAR) systems and transmitters, arterial changeable message signs (CMS), traffic monitoring stations (TMS), and communications infrastructure.		63	Reduce vehicle delays at rail grade crossings		City of Taft City of Tehachapi County of Kern	• The system will depend on the jurisdictions having a traffic signal control system • The system will depend on robust communications in the Region • The system will depend on regional TMC coordination
				54	Implement/expand dynamic message sign (DMS) installations on arterials			
				53	Implement/improve inter-jurisdictional signal coordination			
				63	Provide health monitoring of traffic signal equipment at intersections and rail crossings			
30	Upgraded Freeway Management System	This project includes the expansion of the many and varied Caltrans freeway management systems and field elements that are monitored and controlled by Caltrans. System elements referenced by this project include, but are not limited to: enhancements to the central system(s), closed circuit television (CCTV) cameras and systems, highway advisory radio (HAR) systems and transmitters, road weather information systems (RWIS) and field sensors, changeable message signs (CMS), traffic monitoring stations (TMS) and communications infrastructure. This project also includes deploying robust communications infrastructure capable of providing backbone, interconnect, and redundant communications between ITS field devices and a central system, and between ITS filed devices in the field.	Long Term	69	Implement/improve incident detection capabilities	Traffic Management Program	Caltrans Districts	• The system will depend on the collection and sharing of video and traffic data
				54	Expand freeway/expressway dynamic message signs (DMS)			
				45	Expand highway advisory radio (HAR) coverage on freeways/expressways			
				69	Expand CCTV coverage on freeways/expressways			
				51	Improve/expand vehicle detection coverage on freeways/expressways			
				50	Implement variable speed limits			
				44	Improve ramp metering operations			
				18	Implement automated/remote control gate systems			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
31	Roadway Condition Warning System	This system will provide roadway warnings including curve speed, vehicle-over-height detection, and provide monitoring technology for queue lengths at ramps.	Long Term	66	Provide curve speed warning	Vehicle Safety Program	City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on having a central management system from which to monitor and manage technology
				61	Provide vehicle-over-height detection/warnings			
				49	Monitor queue lengths at ramp locations			
32	Commercial Vehicle Enforcement	This proposed system will monitor commercial vehicle violations with the deployment of weigh-in-motion technologies especially in areas with a history of violations. The system shall also provide information on commercial vehicle operations permit restrictions.	Long Term	69	Provide target enforcement at locations with history of violations	Commercial Vehicle Operations Program	CHP Central Division	• The system will depend on the collection and sharing of commercial vehicle information with private fleets and CHP/DMV
				59	Reduce commercial vehicle weight, width and height violations			
				58	Provide information on commercial vehicle operations (CVO) permit restrictions			
				52	Deploy weigh-in-motion/mobile weigh enforcement technology			
33	Commercial Vehicle Traveler Information	This system will implement traveler information services that provide both pre-trip and en-route information to commercial vehicles which can include information such as truck parking locations.	Long Term	54	Provide interstate/inter-regional traveler information for commercial vehicles	Commercial Vehicle Operations Program	CHP Central Division	• The system will depend on the collection and sharing of commercial vehicle information with private fleets and CHP/DMV • The system will depend on willingness of multiple agencies to connect and share data

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
34	Data Collection for Roadway Network	This system will provide a framework to improve data collection capabilities for the arterial and freeway management systems.	Long Term	65	Improve data collection capabilities	Data Management Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on the collection and sharing of video and traffic data • The system will depend on willingness of multiple agencies to connect and share data
				57	Improve data collection on freeways/expressways			
35	Smart Work Zone Technology	This system improves the work zone technology to provide smart technology where data is collected and distributed to provide warning information about potential work zone hazards. The smart work zone technology should also be able to warn travelers about trucks that are entering and exiting work zones and be able to track work zone maintenance fleets.	Long Term	69	Implement Smart Work Zone technology	Maintenance and Construction Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on having a central management system from which to monitor and manage technology
				51	Warn travelers about trucks entering/existing work zones			
				43	Track locations of maintenance fleet			
36	Parking Management System	This proposed system will monitor and provide information on available parking facilities and parking availability. This system monitors and manages parking spaces in lots, garages, and other parking areas and facilities.	Long Term	53	Provide information on available truck parking facilities	Parking Management Program	Caltrans Districts City of Bakersfield	• The system will depend on having a central management system from which to monitor and manage technology
37	Upgrade Freeway Service Patrol System	Provide technology upgrades to the freeway service patrol system.	Long Term	56	Install/upgrade automatic vehicle location (AVL) on freeway service patrol vehicles	Public Safety Program	Caltrans Districts	• The system will depend on having a central management system from which to monitor and manage technology
				53	Implement/upgrade computer aided dispatch (CAD) system for freeway service patrol			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
38	Transit Vehicle Technologies System	Upgrade transit vehicles with enhanced remote for monitoring mechanical conditions, upgrade to automated enunciators and automatic passenger counters.	Long Term	68	Implement/enhance remote monitoring of transit vehicle mechanical condition	Public Transportation Program	DART Golden Empire Transit District Kern Transit	• The system will depend on having a central management system from which to monitor and manage technology
				66	Provide on-line reservation system for demand-responsive transit services			
				64	Provide on-board automated enunciators			
				59	Expand/upgrade automated passenger counters			
39	Air Quality Data Collection and Monitoring	This proposed system would implement data collection and monitoring of air quality throughout the region.	Long Term	68	Monitor/collect air quality data	Sustainable Travel Program	Caltrans Districts County of Kern Kern COG	• The system will depend on having a central management system from which to monitor and manage technology
				57	Monitor/collect air quality data			
40	Traffic Signal System (Phase 3)	Upgrade traffic signal hardware and provide autonomous commercial vehicle and autonomous passenger vehicle technology.	Long Term	82	Upgrade signal hardware	Traffic Management Program	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	• The system will depend on the jurisdictions having a traffic signal control system
				80	Coordinate arterial and freeway management strategies			
				79	Improve/implement ability to remotely modify signal timing			

Kern Council of Governments

XI.
TTAC

May 3, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner
Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XI.
PROJECT ACCOUNTABILITY TEAM REPORT

DESCRIPTION:

Kern COG staff to provide the latest updates.

DISCUSSION:

The Project Accountability Team meetings are held quarterly as needed to discuss project implementation issues and to develop solutions. Participants review project status information for projects in the Federal Transportation Improvement Program (FTIP). Since no meeting has been held recently, this report is meant to provide the latest updates.

1. Transportation Development Act (TDA) Article 3 invoices should be submitted to Bob Snoddy at bsnoddy@kerncog.org. Please see project list attached.

2. Congestion Mitigation Air Quality (CMAQ) Program and Regional Surface Transportation Program (RSTP) applications are due by 5:00 PM on July 17, 2023.

3. Score Card – 59% of projects have approved funding authorization; 13% is awaiting funding authorization; 28% has not been submitted for funding authorization

4. The FY 23/24 Active Transportation Program (ATP), Congestion Mitigation Air Quality Program (CMAQ), Regional Surface Transportation Program (RSTP) project list is provided to remind agencies to deliver early.

Attachments: April 18, 2023 TDA Article 3 project list
April 20, 2023 FY 22/23 Score Card
April 20, 2023 FY 22/23 ATP/CMAQ/RSTP project list
April 20, 2023 FY 23/24 ATP/CMAQ/RSTP project list

ACTION: Information.

1) Transportation Development Act Article 3 Program - Un-invoiced Projects Before FY 2021-22

Project Status

Status Code: 1=Not Started 2=Under Construction 3=Completed

Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield	9/19/2019	MO#19-03	Pedestrian Countdown Counters	$ 5,810	3	Waiting for invoice
Bakersfield total				**$ 5,810**		
Kern County	9/19/2019	MO-19-03	Lake Ming/KR Golf Course Extension (I of III)	$ -	3	Invoiced 3/24/2023
Kern County total				**$ -**		
McFarland	9/15/2016	MO#16-05	Bicycle Safety	$ 2,000	3	Partial billing of $904.30 on July 27, 2018
McFarland	9/19/2019	MO#19-03	Bike Parking	$ 3,000	1	Mar-23
McFarland	9/19/2019	MO#19-03	Bike Safety Program	$ 2,000	1	Dec-22
McFarland	9/19/2019	MO#19-03	West Kern Ave and 6th Street Curbs (I of II)	$ -	3	Completed July 8, 2022
McFarland total				**$ 7,000**		
Taft	9/19/2019	MO#19-03	South 4th Street Pedestrian Improvements (I of II)	$ 157,800	1	Project will be completed by June 2022
Taft total				**$ 157,800**		
Current outstanding TDA Article 3 projects un-invoiced				**$ 170,610**		

2) Transportation Development Act Article 3 Program - Funded and Un-Funded Projects FY 2021-22

Project Status

Status Code: 1=Not Started 2=Under Construction 3=Completed

Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield	7/15/2021	MO#21-07	Bike Parking	$ 3,000	1	
1st Priority Projects	**Total**			**$ 3,000**		
Bakersfield/Kern County	7/15/2021	MO#21-5	Addition of a Class 1 bike path along County Dump Rd. between Fairfax Rd. and Paladan Dr. Kern County will be a sub applicant	$ 267,000	1	Project estimated to be comp. 1-30-2023
2nd Priority				**$ 267,000**		
Total Funded Projects				**$ 270,000**		
McFarland	7/15/2021	MO#21-01	Remove and replace non-ADA compliant curb ramps on Ebell St. Mast Ave. to Woodruff Ave. & 6th St. and California Ave.	$ 156,158	1	Est. June 2023
Tehachapi	7/15/2021	MO#21-02	Complete pedestrian facilities on both sides of Brentwood Dr. between Cury St. and Oakwood St. with a new ADA compliant sidewalk, curb, and gutter	$ 284,750	1	Should be completed Spring 2023
Taft	7/15/2021	MO#21-03	Construct new curb and gutter, sidewalk, ADA compliant ramps, drive approaches and related pedestrian improvement on west side of 4th St. from Supply Row to Main St.	$ 169,080	3	Should receive invoice in May 2023
Wasco	7/15/2021	MO#21-04	Remove existing non-ADA compliant ramps and replace with ADA compliant curb and ramps on D St. Blvd. between Filburn and Stephen Court east side and on Filburn St. between Gaston St. amd D St. north side	$ 156,831	1	Should be completed Spring 2023
California City	7/15/2021	MO#21-05	Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.	$ 170,538	1	Should be completed Februrary 2023
3rd Priority Projects (Unfunded)				**$ 937,357**		
TDA Article 3 projects funded and unfunded				**$1,207,357**		

April 20, 2023

TO: TTAC Members and Project Managers

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

RE: Project Delivery Score Card

Federal Transportation Improvement Program

		Federal/State $ in FY 22/23		
FY 2022-23	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	5	$140,000	$10,889,000	
CMAQ	14	$1,273,289	$9,960,380	
RSTP	13	$198,367	$11,882,657	
Totals	32	$1,611,656	$32,732,037	100%

1. Not Submitted	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	3	$0	$6,583,000	
CMAQ	2	$0	$2,362,160	
RSTP	1	$0	$538,000	
Total	6	$0	$9,483,160	28%

2. Submitted	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	1	$0	$4,306,000	
CMAQ	1	$229,514	$0	
RSTP	0	$0	$0	
Total	2	$229,514	$4,306,000	13%

3. State/Federal Approvals	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	1	$140,000	$0	
CMAQ	11	$1,043,775	$7,598,220	
RSTP	12	$198,367	$11,344,657	
Total	24	$1,382,142	$18,942,877	59%

Legend:
ATP – Active Transportation Program;
CMAQ – Congestion Mitigation Air Quality Program;
RSTP/HIP – Regional Surface Transportation Program/Highway Infrastructure Program

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403	STPL-5109(278)	Stockdale Hwy from Gosford Rd to New Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,169,000	$5,838,699	done	3
Bakersfield	KER180507		Mt Vernon Ave from Bernard St to Panorama Dr; installation of adaptive signal coordination	$0	$529,409	$598,000	May 2023	1
Bakersfield	KER211002	Cycle 5 MPO	Chester Avenue between 4th Street and Brundage Lane; construction of center medians, continental crosswalks, and bike lanes with additional pavement markings (CTC approved time extension to 6/30/2023)	$0	$210,000	$791,000	April for June CTC	1
Bakersfield	KER191004	Cycle 4 MPO	Bounded by 7th Standard Rd, Kern River Parkway and approx 6 miles Friant Kern Canal; construct Class I multi-use path (CTC approved time extension to 2/29/2024)	$0	$4,306,000	$8,200,000	March 2023	2
Cal. City	KER180403	STPL-5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$58,922	$0	$66,557	done	3
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$0	$10,000	N/A	N/A
Delano	KER180403	STPL-5227(070)	20th Ave from Girard St to Norwalk St and Norwalk St from County Line Rd to 14th Ave; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	done	3
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$140,000	$0	$140,000	done	3
KCOG	KER220401	STPLNI-6087(077)	In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	done	3
KCOG	KER220501	CMLNI-6087(067)	In Kern County: CommuteKern Rideshare Program	$0	$240,187	$271,306	done	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180403	STPL-5950(513)	Kern County: Edison Rd from Di Giorgio Rd to Mountain View Rd; 2 miles of road rehabilitation	$0	$2,100,000	$2,372,077	done	3
Kern Co.	KER180403	STPL-5950(513)	Kern County: Edison Rd from Mountain View Rd to Hermosa Rd; 2 miles of road rehabilitation	$0	$2,100,000	$2,372,077	done	3
Kern Co.	KER180403	STPL-5961(019)	Kern County: Rosamond Blvd from Stevenson St to SR 14; 1.35 miles of road rehabilitation	$0	$1,197,980	$1,513,611	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Bakersfield): Various areas in Metro Bakersfield; Traffic Signal Coordination (Interconnect)	$0	$1,353,004	$1,528,300	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Oildale): Within and around the community of Oildale; Traffic Signal Coordination (Interconnect)	$0	$1,055,189	$1,191,900	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Lake Isabella, Rosamond, Wheeler Ridge): Traffic Signal Coordination (Interconnect)	$0	$598,197	$675,700	done	3
Kern Co.	KER180507	CML-5950(510)	Kern County (Metro Bakersfield): Intersection of Allen Rd and Jomani Dr; Construct a traffic signal and ancillary facilities	$0	$536,725	$606,263	done	3
Kern Co.	KER180507	CML-5950(505)	Kern County (Metro Bakersfield): Intersection of Cottonwood Rd and Cheatham Ave; Construct a traffic signal and ancillary facilities	$0	$567,807	$641,372	done	3
Kern Co.	KER180507	CML-5950(511)	Kern County (Bakersfield): Rosedale Highway between SR-43 and Heath Road; Surface 4 miles of dirt shoulders	$0	$2,875,285	$3,247,809	done	3
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$421,690	$0	$476,324	done	3
Kern Co.	KER180507		Kern County (Tehachapi): Backes Ln (Highline Rd - Schout Rd), Schout Rd (Backes Ln - Woodford Tehachapi Rd), Woodford Tehachapi Rd (Schout Rd - SR 202); pave shoulder and bike lane	$0	$1,832,751	$2,070,203	April 2023	1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$572,929	$0	$647,158	done	3
Kern Co.	KER191003	Cycle 4 Statewide	In Lake Isabella: Walk Isabella - Lake Isabella Blvd and Erskine Creek Rd; pedestrian and cyclist safety and accessbility improvements	$0	$4,286,000	$4,841,000	March for May CTC - request time extension	1
McFarland	KER220403	STPL-5343(020)	Intersection of W. Perkins and 3rd St; improve safer commute and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$49,399	$0	$55,800	done	3
Ridgecrest	KER180403		W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$0	$85,219	N/A	N/A
Shafter	KER220404		7th Standard Rd from Friant Kern Canal to Zachary Ave; pavement reconstruction	$0	$538,000	$775,000	May 2023	1
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$0	$44,900	N/A	N/A
Taft	KER220503		550 Supply Rd; Install charging infrastructure and solar microgrid	$229,514	$0	$259,250	June 2023	2
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$21,250	$0	$24,003	done	3
Tehachapi	KER200505	CML-5184(038)	Pinon Street from Brandon Lane east to Dennison Road; pave an unpaved street and install class II bike lane	$0	$371,826	$420,001	done	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Tehachapi	KER211005	Cycle 5 MPO	SRTS Dennison Road Bicycle / Pedestrian Corridor Improvement project	$0	$2,087,000	$2,087,000	March for May CTC - request time extension	1
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$68,796	$0	$77,710	done	3
Wasco	KER180507	CML-5287(062)	Wasco: Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$49,156	$0	$55,525	done	3
Wasco	KER180507	CML-5287(058)	N. Palm Ave. between Margalo St. and Gromer Ave; pave shoulders, construct bicycle and pedestrian facilities	$0	$350,671	$396,105	done	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403		Panama Ln from Gosford Rd to Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,167,000	$5,836,440		1
Bakersfield	KER180507		White Ln from Wible Rd to Buena Vista Rd; installation of adaptive signal coordination	$0	$775,080	$875,500	Jan 2024	1
Bakersfield	KER180507		Stockdale Hwy from Renfro Rd to Coffee Rd; installation of adaptive signal coordination	$0	$336,768	$380,400	Jan 2024	1
Bakersfield	KER180507		H St from White Ln to Panama Ln, Panama Ln from Akers Rd to Parsons Wy; installation of adaptive signal coordination	$0	$509,048	$575,001	Jan 2024	1
Cal. City	KER180403	STPL-5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$0	$313,078	$541,389	Jan 2024	1
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$846,966	$956,700	Jan 2024	1
Delano	KER180403		Randolph St from Cecil Ave to 9th Ave and High St from Cecil Ave to Garces Hwy; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	Jan 2024	1
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$0	$1,024,000	$1,038,000		1
Delano	KER211003	Cycle 5 MPO	ATP-5 Bike Lane and Sidewalk Gap Improvement Project	$120,000	$791,000	$925,000		3, 1
KCOG	KER220401		In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	Jan 2024	1
KCOG	KER220501		In Kern County: CommuteKern Rideshare Program	$0	$256,470	$289,699	Jan 2024	1
Kern Co.	KER180403		Kern County: Buena Vista Rd from South Fairfax Rd to Main St; 1 mile of road rehabilitation	$0	$1,600,000	$1,807,297		1
Kern Co.	KER220402		Kern County: Buena Vista Blvd from South Vineland Rd to South Edison Rd; reconstruct 1 mile of road by recompacting the subgrade and installing new road base	$0	$1,600,000	$1,807,297		1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$0	$965,910	$1,090,054		1
Kern Co.	KER180507		Kern County (Metro Bakersfield): Intersection of Snow Rd and Quail Creek Rd; Construct a traffic signal and ancillary facilities	$0	$626,174	$707,302		1
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$0	$3,061,415	$3,458,054		1
McFarland	KER220403	STPL-5343(020)	Intersection of W. Perkins and 3rd St; improve safer commute and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$0	$346,601	$391,507		1
Ridgecrest	KER180403		W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$1,088,192	$1,339,139		1
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$252,000	$531,650		1
Taft	KER220503		550 Supply Rd; Install charging infrastructure and solar microgrid	$0	$2,726,626	$3,079,890		1
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$0	$314,746	$355,525		1
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$0	$691,204	$780,757		1
Wasco	KER180507	CML-5287(062)	Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$0	$308,994	$349,028		1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

AGENDA
KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

WEDNESDAY, MAY 31, 2023 (JUNE MEETING) AT 10:00 A.M.

PRIMARY MEETING LOCATION:	**SECONDARY MEETING LOCATIONS (or Teleconference):**
Kern Council of Governments, Board Room **1401 19th Street, Suite 300** **Bakersfield, CA 93301**	**Palos Verdes Terrace Apartments** **5762 Ravenspur Dr** **Rancho Palos Verdes, CA 90272**
TTAC GoToMeeting Information (Teleconference): https://www.gotomeet.me/KernCOG/ttacmeeting Dial +1 (786) 535-3211 Access Code: 269-963-557 New to GoToMeeting? Get the app now and be ready when your first meeting starts: https://global.gotomeeting.com/install/269963557	**Arvin City Hall** **200 Campus Drive** **Arvin, CA 93203**

I. ROLL CALL:

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of May 3, 2023; ROLL CALL VOTE.

IV. KERN BI-ANNUAL SURVEY OF TRANSPORTATION PROJECTS ON REGION SIGNIFICANT ROUTES IN THE JURISDICTIONS OF BAKERSFIELD, CALTRANS, KERN COUNTY, CALIFORNIA CITY, RIDGECREST AND SHAFTER. DUE: 5PM. FRIDAY, JUNE 16, 2023 (Liu)

Comment: This survey is distributed as needed every 6 months for updates on existing and planned capacity improvements within your agency's jurisdiction. Failure to provide accurate information using the latest planning assumptions could delay federal funding approvals for transportation projects in the Kern Region. Surveys were emailed directly to the affected agencies on May 19, 2023.

Action: Sign the survey pages you edit and send them back to Kern COG by 5PM Friday, June 16, 2023. If you have any questions, please contact Vincent Liu on 661/635-2900 or vliu@kerncog.org.

V. KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR ESTIMATED FY 2023-24 ANNUAL APPORTIONMENT (Enriquez)

Comment: Caltrans State of Good Repair (SGR) Program allocates annual funds from Senate Bill No.1 legislation to the Kern region.

Action: Member agencies provide SGR proposed project titles to Kern COG no later than Friday, June 2, 2023.

VI. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM (Pacheco)

Comment: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

Action: Information.

VII. INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM (Pacheco)

Comment: This is the annual project status report.

Action: Information.

VIII. PROJECT ACCOUNTABILITY TEAM REPORT (Pacheco)

Comment: Kern COG staff to provide the latest updates.

Action: Information.

IX. BIENNIAL LOCAL STREETS AND ROADS SURVEY – MAY 2023 (Flickinger)

Comment: A 2022 statewide biennial local streets and roads survey report was completed to help direct road maintenance funding to local jurisdictions.

Action: Information.

X. KERN ADVANCED TRANSPORTATION TECHNOLOGY PROGRAM - STATUS REPORT (Urata)

Comment: To help meet more stringent air standards, Kern COG promotes early deployment of alternative fuel vehicle technologies such as plug-in electric vehicles (EVs) and compressed natural gas-fueled vehicles. This report updates the quarterly inventory of EV charging spaces in

Kern County and provides information regarding funding opportunities. This report covers the period November 1, 2022, to May 19, 2023.

Action: Information.

XI. DRAFT FINAL KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO) SUSTAINABILITY STUDY PHASE 2 (Ball)

Comment: A Draft Final KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide incorporating extensive public and stakeholder outreach is available at https://www.kerncog.org/goods-movement/ .

Action: Recommend to the Transportation Planning Policy Committee to Receive and File.

XII. ANNOUNCEMENTS

a. 2024 RTIP Workshop 2 – June 21, 2023 (See attached flyer for information)
b. TDA Article 3 claims for bike and ped facilities (i.e. class 1 bike paths, bike safety, racks, connecting sidewalks, ADA Curbs) are due Friday, June 2, 2023. To date only $6,000 in claims have been received out of $1.05M. Instructions on making your agency's claim at: https://www.kerncog.org/tda/

XIII. MEMBER ITEMS

XIV. ADJOURNMENT – The next meeting will be held on July 5, 2023 (may be dark).

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR MAY 3, 2023 MEETING

KERN COG BOARD ROOM/GO TO MEETING — Wednesday
1401 19th Street, Suite 300 — May 3, 2023
BAKERSFIELD, CALIFORNIA — 10:00 A.M.

SECONDARY MEETING LOCATIONS
(Teleconference):

- City of McFarland Public Works Office- 401 W. Kern Ave, McFarland, CA 93250
- Palos Verdes Terrace Apartments - 5762 Ravenspur Dr, Rancho Palos Verdes, CA 90272
- City of Shafter Public Works Office – 720 Commerce Way, Shafter, CA 93263

Chairman Schlosser called the meeting to order at approximately 10:00 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Christine Viterelli	City of Arvin
	Luis Topete	City of Bakersfield
	Richard Walker	City of California City (Virtual)
	Ed Galero	City of Delano
	Brianahi De Leon	City of McFarland (Virtual)
	Travis Reed	City of Ridgecrest
	Chris Schultz	City of Shafter (Virtual)
	Craig Jones	City of Taft
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Michael Dillenbeck	County of Kern
	Lorena Mendibles	Caltrans
	Steve Barnes	Golden Empire Transit
OTHER:	Asha Chandy	County of Kern
	Cindy Parra	Golden Empire Transit
	Ryan Starbuck	City of Bakersfield
	Paul Johnson	City of Bakersfield
	Viviana Alapisco	City of Delano
	Colleen Vidinoff	Caltrans
	Fatemah Ranaiefer	Fehr & Peers
	Nico Boyd	Fehr & Peers
	Jason Moody	EPS
STAFF:	Ahron Hakimi	Becky Napier
	Rob Ball	Angie Banuelos
	Bob Snoddy	Rochelle Invina-Jayasiri
	Raquel Pacheco	Irene Enriquez
	Karl Davisson	Linda Urata

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of April 5, 2023

There were no comments or questions from the committee members. Mr. Topete made a motion to approve the discussion summary, Mr. Dillenback seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

IV. FY 2022-23 TDA PUBLIC TRANSIT & STREET & ROADS CLAIMS – CITY OF TEHACHAPI

Ms. Banuelos presented the TDA Public Transit and Street & Roads Claims for the City of Tehachapi. According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The city of Tehachapi has submitted TDA claims which total $855,266. Staff asked the committee to review TDA Public Transit and Street & Roads Claims for the City of Tehachapi and recommend approval to the Transportation Planning Policy Committee.

There were no comments or questions from the committee members. Mr. Jones made a motion to approve the discussion summary, Ms. Viterelli seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

V. CALL FOR PROJECTS: TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 PROGRAM

Ms. Enriquez announced Kern Council of Governments, acting in the capacity of the state-designated Regional Transportation Planning Agency, administers funding for the Transportation Development Act Article 3 Program (Bicycle and Pedestrian). Article 3 funds are used to pay for bicycle and pedestrian safety programs, bicycle parking facilities, bicycle travel facilities and pedestrian facilities. Approximately $1,076,480 is available for new projects for the FY 2023-24 funding cycle. Applications are available on the Kern COG website.

Member agencies submit project proposals to Kern COG no later than 5:00 p.m. on Friday June 2, 2023.This item is for information only.

VI. DRAFT KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO) SUSTAINABILITY STUDY PHASE 2

Mr. Ball announced a public review Draft KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide is available. Nico Boyd and Fatemah Ranaiefar of Fehr & Peers and Jason Moody of EPS provided a presentation on the KARGO Phase II study report. Questions and comments were made from committee members Mr. Reed, Mr. Dillenbeck, Mr. Topete, and Chairman Schlosser. Chairman Schlosser also commented that staff reach out to private industry for funding improvement strategies.

Comments on study are due to rball@kerncog.org by Thursday, May 25, 2023. This item is for information only.

Covered Item VIII next then VII.

VII. 2024 STATE HIGHWAY OPERATIONAL AND PROTECTION PROGRAM

Mr. Ball covered this item for Mr. Stramaglia. Mr. Ball said staff is taking a look at the listing which District 6 and 9 have developed which inform updates to the 2024 SHOPP and beyond. This opportunity to the region to review anticipated planning and programming of the SHOPP provides transparency to the public through the circulation of a project list and associated map. Staff is asking member agencies to review the projects on the list and provide any project ideas. Mr. Schlosser reported on a meeting with the new Caltrans Director, District 9, Senator Shannon Grove office, Mr.

Hakimi, and City of Tehachapi staff. The meeting discussed two projects: first segment of SR 58 Truck Climbing Lanes and Cal City Blvd. Frontage Road.

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This item was for information only.

VIII. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

Mr. Snoddy reviewed the CTC meeting schedule, there is no July CTC meeting and the August CTC meeting preparation deadline is due June 19th. He stated the ATP Cycle 6 MPO list has since been submitted to the CTC with the final package of information as prescribed by the CTC, for its official list of MPO projects. The list remains intact and is expected to be adopted by the CTC at their June meeting.

This item was for information only.

IX. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

Ms. Pacheco reminded this is the monthly update on the activity related to the 2024 Regional Transportation Improvement Program. The new addition is the 2024 RTIP Capital Improvement Program baseline version as presented at the April 26th workshop. Also, staff is preparing for the June 21st workshop presentation. The draft fund estimate assumptions will be adopted at the May California Transportation Commission meeting which will be a prime topic at the June workshop.

Mr. Reed asked if the workshop was available online, Ms. Pacheco states it was not recorded but she can provide the presentation as requested.

This item was for information only.

X. INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM

Ms. Pacheco states Section 12.4 of the Intelligent Transportation System Plan for the Kern Region reads: Annually, a listing of the projects recommended in the ITS Plan will be produced and a project status update will be requested. Please review and provide updates to Table 12-1 by May 19th. Updates received will be part of a staff report for the May 31st TTAC meeting and June 15 Kern COG Board meeting.

Mr. Schlosser asked Ms. Pacheco to provide an overview of the ITS Plan. Ms. Pacheco provided a background, and asked members to look at the project list for funding references.

This item was for information only.

XI. PROJECT ACCOUNTABILITY TEAM REPORT

Ms. Pacheco provided highlights which included: 1. TDA Article 3 invoices should be submitted to Bob Snoddy. The latest TDA Article 3 project list is provided. 2. The CMAQ and RSTP applications are due by 5:00 PM on July 17th. 3. The score card for CMAQ/RSTP/ATP projects showed 59% authorized but had increased to 72% authorized due to a large Bakersfield ATP project approval and the Taft CMAQ project approval. The percentage not submitted is mainly due to two large ATP projects that are seeking time extensions from the California Transportation Commission 4. The fiscal year 23/24 project list is provided to remind agencies to deliver early.

Mr. Snoddy reviewed the outstanding projects and will contact project managers to request information. Ms. Pacheco asked committee members if there was interest in a June PAT meeting; instead, members will report back on project status during the next TTAC meeting.

This item was for information only.

XII. ANNOUNCEMENTS – None

XIII. MEMBER ITEMS

- Ms. Mendibles introduced Ms. Colleen Vidnoff, the new Senior Caltrans Area Engineer. Ms. Mendibles also reminded the Reconnecting Communities workshop is May 9th.
- Mr. Dillenbeck announced his last day at the County of Kern is May 5th. Mr. Sal Gomez and Ms. Yolanda Alcantar will be taking over his duties.

XIV. ADJOURNMENT – Meeting adjourned at 11:20 am. The next meeting will be held on May 31, 2023.

Kern Council of Governments

IV. TTAC

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI
EXECUTIVE DIRECTOR

By: Rob Ball, Planning Director
Vincent Liu, Planner

SUBJECT: TTAC AGENDA ITEM: IV
KERN BI-ANNUAL SURVEY OF TRANSPORTATION PROJECTS ON REGION SIGNIFICANT ROUTES IN THE JURISDICTIONS OF BAKERSFIELD, CALTRANS, KERN COUNTY, CALIFORNIA CITY, RIDGECREST AND SHAFTER. DUE: 5PM. FRIDAY, JUNE 16, 2023

DESCRIPTION:

This survey is distributed as needed every 6 months for updates on existing and planned capacity improvements within your agency's jurisdiction. Failure to provide accurate information using the latest planning assumptions could delay federal funding approvals for transportation projects in the Kern Region. Surveys were emailed directly to the affected agencies on May 19, 2023.

DISCUSSION:

Background – As required by the Clean Air Act Amendments of 1990, at least every other year Kern COG performs a regional "conformity analysis" using a computerized regional transportation model. The analysis demonstrates that forecasted development and planned transportation improvements in the region will not hinder the air districts' State Implementation Plans (SIP) from attaining the national air quality standards. Under the Clean Air Act, the FHWA and the EPA are the agencies responsible for making the determination that a region's transportation expenditure plans "conform" to the SIP.

Kern COG has been requested by FHWA to document all capacity increasing projects on regionally significant routes that are both federal and non-federally funded. It has always been Kern COG's practice to include non-federal projects in the regional transportation model for the regional conformity analysis, however changes to these projects are more difficult to track because their funding does not pass through Kern COG's allocation processes. This survey has been developed to meet the federal requirement by tracking both federal and non-federal projects. Failure to accurately include a non-federally funded regionally significant transportation project in the regional conformity analysis risks a conformity "lapse" that could result in the withholding of federal transportation funding to the region and the delay of transportation projects until the project is added. Delays could last up to 1-year, assuming the missed project can be conformed.

Recent passage of state climate change regulations in SB 375 requires modeling from passenger vehicle travel use an identified network. Kern COG will be using this survey to ensure that the network identified is accurate and based on the latest local planning assumptions.

Instructions - In order to keep the Kern Transportation Model up-to-date, a regionally significant routes survey is attached. Please fill out the survey using the examples page as a guide. To streamline your review, Kern COG has already provided the improvements based on federal funding cash flow and included locally funded projects based on past information and previous survey responses provided by your agency. If time is limited, focus your review on non-federally funded capacity increasing projects such as those funded by existing developer improvements, local impact fees, sales tax measures, general fund, etc.

Only Include Financially Constrained Projects
Projects should only be included that have identified funding sources. Here are some examples:
Be sure to Include:

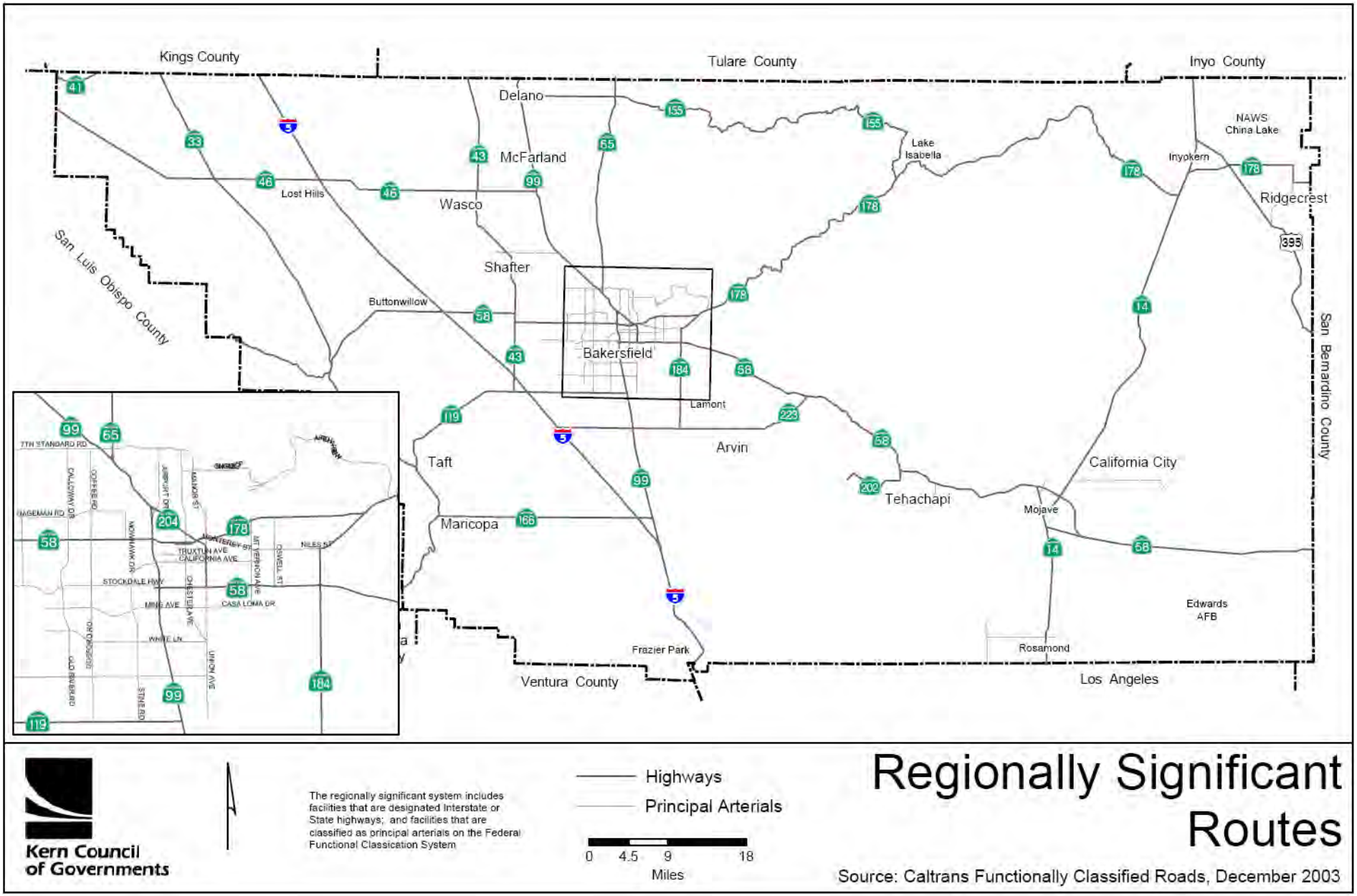
- Capacity increasing projects included as mitigation to an approved development. This includes paving of an arterial to the centerline adjacent a development, as well as any capacity increasing offsite improvements. Be sure to include any new arterials, expressways or freeway segments that currently do not exist on the functional classification map. Do not include partial street improvements. The model does not include improvements that are less than a city block in length (the distance between collector and arterial intersections) until all the bottlenecks (canal bridges, undeveloped frontage) are paved and the facility is stripped in a way so as to compete the capacity improvement of additional lanes along the entire length of the city block.

- Capacity increasing projects in an adopted traffic impact fee. This includes new interchanges, and new lanes on existing and future arterials, expressways and freeways. It does ramp widenings that constrict down to 1 lane prior to merging, nor intersection improvements. Do not include projects from a proposed traffic impact fee program.
- Capacity increasing projects that are being funded with bonds, general fund, sales taxes, other non-state or non-federal sources. Remember, these funding sources must be approved.

- Capacity increasing projects from state and federal sources. These should already be reflected in the survey form. Please review the timing and funding amounts shown. Any adjustments made to projects with state or federal funding sources may require an amendment to the Kern COG Transportation Improvement Program and/or the Regional Transportation Plan. Please contact us immediately if you see an issue with these projects, or a capacity increasing project that is missing or shown in the wrong year. Changes to the projects may have to wait until the next amendment opportunity and are subject to the approval of the Kern COG Board.

ATTACHMENTS:
a) Map - Regionally Significant Routes in Kern
b) Instructions and RSR Survey

ACTION: Sign the survey pages you edit and send them back to Kern COG by 5PM Friday, June 16, 2023. If you have any questions, please contact Vincent Liu on 661/635-2900 or vliu@kerncog.org.


Kings County
Tulare County
Inyo County
San Luis Obispo County
San Bernardino County
Ventura County
Los Angeles
Delano
McFarland
Wasco
Shafter
Lost Hills
Buttonwillow
Bakersfield
Lamont
Arvin
Taft
Maricopa
Frazier Park
Lake Isabella
Inyokern
NAWS China Lake
Ridgecrest
California City
Mojave
Tehachapi
Rosamond
Edwards AFB
Highways
Principal Arterials
0 4.5 9 18
Miles
Kern Council of Governments
The regionally significant system includes facilities that are designated Interstate or State highways; and facilities that are classified as principal arterials on the Federal Functional Classication System
Regionally Significant Routes
Source: Caltrans Functionally Classified Roads, December 2003

Sample Survey Page – Survey participants are encouraged to make their edits to the spreadsheet version of the survey form.

SAMPLE/INSTRUCTION PAGE

Note: greyed out cells indicate segment in air basin without attainment dates in those years

| | | | | | | | | | | Year number of lanes modeled (each direction) | | | | | | | | | |

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																									Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50		
1	**Bakersfield**																																	
2	Bakersfield	SJV	7th STANDARD RD	SANTA FE	ZERKER RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
3	Bakersfield/Shafter	SJV	7th STANDARD RD	Allen	VERDUGO				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
4	Bakersfield/Shafter	SJV	7th STANDARD RD	VERDUGO	CALLOWAY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
5	Bakersfield	SJV	AIRPORT	STATE RD	SR99				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	Bakersfield	SJV	ALFRED HARRELL	MT VERNON	CHINA GRADE LOOP				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	Bakersfield	SJV	ALFRED HARRELL	CHINA GRADE LOOP	FAIRFAX				2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	Bakersfield	SJV	ALFRED HARRELL	FAIRFAX	WEST END HARTPARK	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	Bakersfield	SJV	ALFRED HARRELL	WEST END HARTPARK	LAKE MING	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	Bakersfield	SJV	ALFRED HARRELL	LAKE MING	PALADINO	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	Bakersfield	SJV	ALFRED HARRELL	PALADINO	SR178	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	Bakersfield	SJV	ALLEN	SR58	BRIMHALL	Add Lanes	Local		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	Bakersfield	SJV	ALLEN	BRIMHALL	WESTSIDE PARKWAY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	Bakersfield	SJV	ALLEN	WESTSIDE PARKWAY	STOCKDALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	Bakersfield	SJV	ALLEN	STOCKDALE	MING AVE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	Bakersfield	SJV	ALLEN	MING AVE	WHITE LN				1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	Bakersfield	SJV	ALLEN	WHITE LN	CAMPUS PARK				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
18	Bakersfield	SJV	ALLEN	CAMPUS PARK	PANAMA LN				0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
19	Bakersfield	SJV	ALLEN	PANAMA LN	SR 119				0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
20	Bakersfield	SJV	ASHE RD	PANAMA LN	SR 119				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
21	Bakersfield	SJV	BRIMHALL RD	Rudd Road	RENFRO RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
22	Bakersfield	SJV	BRIMHALL RD	RENFRO RD	ALLEN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
23	Bakersfield	SJV	BUENA VISTA RD	WHITE LN	HARRIS RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	Bakersfield	SJV	BUENA VISTA RD	HARRIS RD	PANAMA LN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
25	Bakersfield	SJV	BUENA VISTA RD	PANAMA LN	SR 119				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	Bakersfield	SJV	BUENA VISTA RD	SR 119	CURNOW RD				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	Bakersfield	SJV	CALLOWAY	ETCHART RD	SNOW	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	Bakersfield	SJV	CALLOWAY	SNOW	NORRIS				2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	Bakersfield	SJV	CALLOWAY	NORRIS	OLIVE				3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3
30	Bakersfield	SJV	CALLOWAY	OLIVE	NORIEGA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	Bakersfield	SJV	CALLOWAY	NORIEGA	HAGEMAN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32	Bakersfield	SJV	CALLOWAY	HAGEMAN	MEACHAM				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
33	Bakersfield	SJV	CALLOWAY	MEACHAM	SR58				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
34	Bakersfield	SJV	CALLOWAY	BRIMHALL	WESTSIDE PARKWAY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
35	Bakersfield	SJV	CALLOWAY	WESTSIDE PARKWAY	STOCKDALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
36	Bakersfield	SJV	CALIFORNIA	STOCKDALE	MOHAWK				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
37	Bakersfield	SJV	CALIFORNIA	MOHAWK	REAL				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
38	Bakersfield	SJV	CALIFORNIA	REAL	SR99				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
39	Bakersfield	SJV	CALIFORNIA	SR99	OAK				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
40	Bakersfield	SJV	CALIFORNIA	OAK	A ST				3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3	3	3	3	3	3	3	3	3	3	3
41	Bakersfield	SJV	CALIFORNIA	A ST	H ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
42	Bakersfield	SJV	CALIFORNIA	H ST	CHESTER				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
43	Bakersfield	SJV	CALIFORNIA	CHESTER	L ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
44	Bakersfield	SJV	CALIFORNIA	L ST	N ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
45	Bakersfield	SJV	CALIFORNIA	N ST	Q ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
46	Bakersfield	SJV	CALIFORNIA	Q ST	UNION				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
47	Bakersfield	SJV	CALIFORNIA	UNION	BAKER				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
48	Bakersfield	SJV	CALIFORNIA	BAKER	KING				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
49	Bakersfield	SJV	CALIFORNIA	KING	BEALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
50	Bakersfield	SJV	CALIFORNIA	BEALE	HALEY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
51	Bakersfield	SJV	CALIFORNIA	HALEY	WASHINGTON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
52	Bakersfield	SJV	CASA LOMA	UNION	MADISON				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
53	Bakersfield	SJV	CASA LOMA	MADISON	COTTONWOOD				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
54	Bakersfield	SJV	CASA LOMA	COTTONWOOD	WASHINGTON				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
55	Bakersfield	SJV	CASA LOMA	WASHINGTON	FAIRFAX				0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
56	Bakersfield	SJV	CHESTER	34TH ST	COLUMBUS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
57	Bakersfield	SJV	CHESTER	30TH ST	34TH ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
58	Bakersfield	SJV	CHESTER	SR178	30TH ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
59	Bakersfield	SJV	COFFEE	7TH STANDARD	ETCHART RD	Add Lanes	Local		1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
60	Bakersfield	SJV	COFFEE	ETCHART RD	SNOW	Add Lanes	Local		1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
61	Bakersfield	SJV	COFFEE	NORRIS	OLIVE	Add Lanes	Local		3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
62	Bakersfield	SJV	COFFEE	OLIVE	HAGEMAN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
63	Bakersfield	SJV	COFFEE	HAGEMAN	MEANY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
64	Bakersfield	SJV	COFFEE	MEANY	DOWNING				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
65	Bakersfield	SJV	COFFEE	DOWNING	GRANITE FALLS				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
66	Bakersfield	SJV	COFFEE	GRANITE FALLS	SR58				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
67	Bakersfield	SJV	COFFEE	SR58	BRIMHALL				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
68	Bakersfield	SJV	COFFEE	BRIMHALL	WESTSIDE PARKWAY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
69	Bakersfield	SJV	COFFEE	WESTSIDE PARKWAY	TRUXTUN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70	Bakersfield	SJV	COFFEE	TRUXTUN	STOCKDALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
71	Bakersfield	SJV	CENTENNIAL CORRIDOR	SR 58	WESTSIDE PARKWAY	New Freeway	KER08RTP020	$698,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
72	Bakersfield	SJV	COTTONWOOD	SR 58	CASA LOMA DR				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
73	Bakersfield	SJV	COTTONWOOD	CASA LOMA DR	WHITE LN				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
74	Bakersfield	SJV	COTTONWOOD	WHITE LN	PANAMA RD				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
75	Bakersfield	SJV	FAIRFAX RD	ALFRED HARRELL HIGHWAY	PALADINO DR				1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
76	Bakersfield	SJV	FAIRFAX RD	REDBANK RD	PANAMA LN				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
77	Bakersfield	SJV	FAIRVIEW RD	MONITOR ST	SOUTH UNION AVE				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
78	Bakersfield	SJV	GOSFORD	SR119	MC KEE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
79	Bakersfield	SJV	GOSFORD	MC KEE	MC CUTCHEN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
80	Bakersfield	SJV	GOSFORD	MC CUTCHEN	PANAMA LN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
81	Bakersfield	SJV	GOSFORD	PANAMA LN	HARRIS				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
82	Bakersfield	SJV	GOSFORD	HARRIS	PACHECO				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
83	Bakersfield	SJV	GOSFORD	PACHECO	DISTRICT				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
84	Bakersfield	SJV	GOSFORD	DISTRICT	WHITE LN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
85	Bakersfield	SJV	GOSFORD	WHITE LN	S LAURELGLEN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
86	Bakersfield	SJV	GOSFORD	S LAURELGLEN	N LAURELGLEN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
87	Bakersfield	SJV	GOSFORD	N LAURELGLEN	MING				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
88	Bakersfield	SJV	GOSFORD	MING	CAMINO MEDIA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
89	Bakersfield	SJV	GOSFORD	CAMINO MEDIA	STOCKDALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
90	Bakersfield	SJV	HAGEMAN	ALLEN	OLD FARM				3/2	3/2	3/2	3/2	3/2	3/2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
91	Bakersfield	SJV	HAGEMAN	OLD FARM	JEWETTA				3/2	3/2	3/2	3/2	3/2	3/2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
92	Bakersfield	SJV	HAGEMAN	JEWETTA	VERDUGO				3/2	3/2	3/2	3/2	3/2	3/2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
93	Bakersfield	SJV	HAGEMAN	VERDUGO	CALLOWAY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
94	Bakersfield	SJV	HAGEMAN	CALLOWAY	MAIN PLAZA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
95	Bakersfield	SJV	HAGEMAN	MAIN PLAZA	RIVERLAKES				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
96	Bakersfield	SJV	HAGEMAN	RIVERLAKES	COFFEE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
97	Bakersfield	SJV	HAGEMAN	COFFEE	PATTON				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
98	Bakersfield	SJV	HAGEMAN	PATTON	FRUITVALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
99	Bakersfield	SJV	HAGEMAN	FRUITVALE	MOHAWK				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
100	Bakersfield	SJV	HAGEMAN	MOHAWK	KNUDSEN DR				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
101	Bakersfield	SJV	HAGEMAN	KNUDSEN DR	SR 99	New Ramps	KER08RTP013	$68,900,000	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
102	Bakersfield	SJV	MCCUTCHEN RD	BUENA VISTA	OLD RIVER RD				1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
103	Bakersfield	SJV	MCCUTCHEN RD	OLD RIVER RD	GOSFORD				1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
104	Bakersfield	SJV	MCCUTCHEN RD	GOSFORD	STINE				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
105	Bakersfield	SJV	HOSKING	STINE	AKERS RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
106	Bakersfield	SJV	HOSKING	AKERS RD	WIBLE RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
107	Bakersfield	SJV	HOSKING	WIBLE RD	SO. H ST	Add Lanes	KER08RTP009	$31,000,000	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
108	Bakersfield	SJV	HOSKING	SO. H ST	UNION				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
109	Bakersfield	SJV	JEWETTA AVE	SNOW	HAGEMAN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
110	Bakersfield	SJV	JEWETTA AVE	HAGEMAN	MEACHAM				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
111	Bakersfield	SJV	MANOR	ROBERTS LN	UNION				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
112	Bakersfield	SJV	MASTERSON ST	ALFRED HARRELL HWY	PALADINO DR				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
113	Bakersfield	SJV	MASTERSON ST	PALADINO DR	SR 178				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
114	Bakersfield	SJV	MING AVE	WEST BELTWAY	S ALLEN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
115	Bakersfield	SJV	MING AVE	S ALLEN	BUENA VISTA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Bakersfield	SJV	MING AVE	BUENA VISTA	GRAND LAKES				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
117	Bakersfield	SJV	MING AVE	GRAND LAKES	OLD RIVER RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
118	Bakersfield	SJV	MING AVE	OLD RIVER RD	HAGGIN OAKS				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
119	Bakersfield	SJV	MING AVE	HAGGIN OAKS	GOSFORD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
120	Bakersfield	SJV	MING AVE	GOSFORD	EL PORTAL				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
121	Bakersfield	SJV	MING AVE	EL PORTAL	ASHE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
122	Bakersfield	SJV	MING AVE	ASHE	NEW STINE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
123	Bakersfield	SJV	MING AVE	NEW STINE	STINE RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
124	Bakersfield	SJV	MING AVE	STINE	AKERS				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
125	Bakersfield	SJV	MING AVE	AKERS	REAL				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
126	Bakersfield	SJV	MING AVE	REAL	WIBLE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
127	Bakersfield	SJV	MING AVE	WIBLE	HUGHES LN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
128	Bakersfield	SJV	MING AVE	HUGHES LN	H ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
129	Bakersfield	SJV	MING AVE	H ST	CHESTER				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
130	Bakersfield	SJV	MING AVE	CHESTER	P ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
131	Bakersfield	SJV	MING AVE	P ST	UNION				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
132	Bakersfield	SJV	MOHAWK	HAGEMAN	DOWNING				1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
133	Bakersfield	SJV	MOHAWK	ROSEDALE	TRUXTUN	New Arterial	KER08RTP004	$377,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
134	Bakersfield	SJV	MOHAWK	SR 58	SR 58/Rosedale Highway 0.5 mi s/o				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
135	Bakersfield	SJV	MONTEREY	UNION	ALTA VISTA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																												Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50							
136	Bakersfield	SJV	MONTEREY	ALTA VISTA	BAKER				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
137	Bakersfield	SJV	MONTEREY	BAKER	BEALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
138	Bakersfield	SJV	MONTEREY	BEALE	HALEY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
139	Bakersfield	SJV	MONTEREY	HALEY	NILES				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
140	Bakersfield	SJV	MORNING DR	ALFRED HARRELL HWY	PALADINO DR				0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
141	Bakersfield	SJV	MORNING DR	PALADINO DR	SR 178				2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
142	Bakersfield	SJV	MORNING DR	SR 178	COLLEGE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3
143	Bakersfield	SJV	MT VERNON	COLUMBUS	SR178				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
144	Bakersfield	SJV	MT VERNON	SR58	BELLE TERRACE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
145	Bakersfield	SJV	MT VERNON	BELLE TERRACE	CASA LOMA DR				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
146	Bakersfield	SJV	MT VERNON	WHITE LN/MULLER RD	PANAMA LN				0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3
147	Bakersfield	SJV	N. CHESTER	COLUMBUS	BEARDSLEY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
148	Bakersfield	SJV	NEW STINE RD	WILSON	MING				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
149	Bakersfield	SJV	NEW STINE RD	MING	SUNDALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
150	Bakersfield	SJV	NEW STINE RD	SUNDALE	BELLE TERRACE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
151	Bakersfield	SJV	NEW STINE RD	BELLE TERRACE	STOCKDALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
152	Bakersfield	SJV	NILES	UNION	ALTA VISTA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
153	Bakersfield	SJV	NILES	ALTA VISTA	BAKER				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
154	Bakersfield	SJV	NILES	BAKER	BEALE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
155	Bakersfield	SJV	NILES	BEALE	HALEY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
156	Bakersfield	SJV	NILES	HALEY	MONTEREY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
157	Bakersfield	SJV	OAK ST	CALIFORNIA AVE	SR 178 / 24th ST				2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
158	Bakersfield	SJV	OLD_RIVER	STOCKDALE	CAMINO MEDIA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
159	Bakersfield	SJV	OLD_RIVER	CAMINO MEDIA	MING				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
160	Bakersfield	SJV	OLD_RIVER	MING	WHITE LN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
161	Bakersfield	SJV	OLD_RIVER	WHITE LN	CAMPUS PARK				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
162	Bakersfield	SJV	OLD_RIVER	CAMPUS PARK	PACHECO				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
163	Bakersfield	SJV	OLD_RIVER	PACHECO	HARRIS				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
164	Bakersfield	SJV	OLD_RIVER	HARRIS	PANAMA LN	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
165	Bakersfield	SJV	OLD_RIVER	PANAMA LN	BERKSHIRE	Add Lanes	Local		1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
166	Bakersfield	SJV	OLD_RIVER	BERKSHIRE	MCCUTCHEN(HOSKING)	Add Lanes	Local		1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
167	Bakersfield	SJV	OLD STINE	MING AVE	BELLE TERRACE				1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
168	Bakersfield	SJV	OLIVE DR	RUDD RD (WEST BELTWAY)	ALLEN				1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
169	Bakersfield	SJV	OLIVE DR	ALLEN	JEWETTA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
170	Bakersfield	SJV	OSWELL	SR178	BERNARD	Add Lanes	Local		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
171	Bakersfield	SJV	OSWELL	BRUNDAGE	SR58				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
172	Bakersfield	SJV	PALADINO DR	FAIRFAX	MORNING DR				0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
173	Bakersfield	SJV	PALADINO DR	MORNING DR	VALLEY LN				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
174	Bakersfield	SJV	PALADINO DR	VALLEY LN	MASTERSON Street				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
175	Bakersfield	SJV	PALADINO DR	MASTERSON Street	ALFRED HARRELL HWY				0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
176	Bakersfield	SJV	PANAMA_LN	ALLEN	WINDERMERE ST	Add Lanes	Local		1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
177	Bakersfield	SJV	PANAMA_LN	WINDERMERE ST	BUENA VISTA BLVD	Add Lanes	Local		1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
178	Bakersfield	SJV	PANAMA_LN	BUENA VISTA	MOUNTAIN VISTA	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
179	Bakersfield	SJV	PANAMA_LN	MOUNTAIN VISTA	OLD RIVER RD	Add Lanes	Local		1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
180	Bakersfield	SJV	PANAMA_LN	OLD RIVER RD	PROGRESS	Add Lanes	Local		1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
181	Bakersfield	SJV	PANAMA_LN	PROGRESS	GOSFORD	Add Lanes	Local		1/2	1/2	1/2	1/2	1/2	1/2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
182	Bakersfield	SJV	PANAMA_LN	GOSFORD	RELIANCE	Add Lanes	Local		2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
183	Bakersfield	SJV	PANAMA_LN	RELIANCE	ASHE	Add Lanes	Local		2/3	2/3	2/3	2/3	2/3	2/3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
184	Bakersfield	SJV	PANAMA_LN	ASHE	GOLDEN GATE	Add Lanes	Local		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
185	Bakersfield	SJV	PANAMA_LN	GOLDEN GATE	STINE RD	Add Lanes	Local		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
186	Bakersfield	SJV	PANAMA_LN	STINE RD	AKERS				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
187	Bakersfield	SJV	PANAMA_LN	AKERS	WIBLE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
188	Bakersfield	SJV	PANAMA_LN	WIBLE	SR99				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
189	Bakersfield	SJV	PANAMA_LN	SR99	H ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
190	Bakersfield	SJV	PANAMA_LN	H ST	MONITOR	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
191	Bakersfield	SJV	PANAMA_LN	MONITOR	UNION	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
192	Bakersfield	SJV	PANAMA_LN	UNION	SPARKS ST				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3		
193	Bakersfield	SJV	PANAMA_LN	SPARKS ST	COTTONWOOD																																
194	Bakersfield	SJV	PANAMA LN	COTTONWOOD	SR184				1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
195	Bakersfield	SJV	PANORAMA DR	1700 FEET N COLUMBUS	UNION				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
196	Bakersfield	SJV	QUAIL CREEK RD	SNOW	ETCHART RD				0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
197	Bakersfield	SJV	QUAIL CREEK RD	ETCHART RD	7th STANDARD RD				0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
198	Bakersfield	SJV	REAL RD	STOCKDALE	SR58				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
199	Bakersfield	SJV	RENFRO RD	7th STANDARD RD	OLIVE DR				0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3
200	Bakersfield	SJV	RENFRO RD	OLIVE DR	REINA RD				1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
201	Bakersfield	SJV	RENFRO RD	JOHNSON RD	STOCKDALE HWY				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
202	Bakersfield	SJV	SANTA FE WAY	RUDD RD (West Beltway)	HAGEMAN RD				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
203	Bakersfield	SJV	SNOW RD	RENFRO RD	ALLEN				1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
204	Bakersfield	SJV	SNOW RD	JEWETTA AVE	CALLOWAY DR				2/1	2/1	2/1	2/1	2/1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
205	Bakersfield	SJV	SNOW RD	COFFEE RD	FRUITVALE AVE				1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
206	Bakersfield	SJV	SO.CHESTER	UNION	PLANZ RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
207	Bakersfield	SJV	SO.CHESTER	PLANZ RD	WILSON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
208	Bakersfield	SJV	SO.CHESTER	MING	BELLE TERRACE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
209	Bakersfield	SJV	SO.CHESTER	BELLE TERRACE	SR58				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
210	Bakersfield	SJV	SO.CHESTER	SR58	BRUNDAGE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
211	Bakersfield	SJV	SO.CHESTER	BRUNDAGE	4TH ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
212	Bakersfield	SJV	SO.CHESTER	4TH ST	CALIFORNIA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
213	Bakersfield	SJV	SO.CHESTER	CALIFORNIA	TRUXTUN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
214	Bakersfield	SJV	SO.CHESTER	TRUXTUN	18TH ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
215	Bakersfield	SJV	SO.CHESTER	18TH ST	21ST ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
216	Bakersfield	SJV	SO.CHESTER	21ST ST	SR178				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
217	Bakersfield	SJV	SO. H ST	ARVIN-EDSION CANAL	HOSKING				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
218	Bakersfield	SJV	SO. H ST	HOSKING	SR119				1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
219	Bakersfield	SJV	STINE RD	WILSON	PLANZ RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
220	Bakersfield	SJV	STINE RD	PLANZ RD	WHITE LN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
221	Bakersfield	SJV	STINE RD	WHITE LN	DISTRICT				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
222	Bakersfield	SJV	STINE RD	DISTRICT	PACHECO				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
223	Bakersfield	SJV	STINE RD	PACHECO	HARRIS				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
224	Bakersfield	SJV	STINE RD	HARRIS	PANAMA LN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
225	Bakersfield	SJV	STINE RD	PANAMA LN	BERKSHIRE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
226	Bakersfield	SJV	STINE RD	BERKSHIRE	HOSKING				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3				3
227	Bakersfield	SJV	STINE RD	HOSKING	MC KEE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3				3
228	Bakersfield	SJV	STINE RD	MC KEE	SR119				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3/2	3/2				3/2
229	Bakersfield	SJV	STOCKDALE	SR 43	SUPERIOR RD				1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2				2
230	Bakersfield	SJV	STOCKDALE	SUPERIOR RD	GREELEY RD																																
231	Bakersfield	SJV	STOCKDALE	GREELEY RD	NORD																																
232	Bakersfield	SJV	STOCKDALE	NORD	WEGIS	New Freeway	KER08RTP020	$698,000,000	2/1	2/1	2/1	2/1	2/1	2/1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
233	Bakersfield	SJV	STOCKDALE	WEGIS	HEATH	New Freeway	KER08RTP020	$698,000,000	2/1	2/1	2/1	2/1	2/1	2/1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
234	Bakersfield	SJV	STOCKDALE	HEATH	CLAUDIA AUTUMN DR	New Freeway	KER08RTP020	$698,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3				3
235	Bakersfield	SJV	STOCKDALE	CLAUDIA AUTUMN DR	RENFRO	New Freeway	KER08RTP020	$698,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
236	Bakersfield	SJV	STOCKDALE	RENFRO	ALLEN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
237	Bakersfield	SJV	STOCKDALE	ALLEN	JEWETTA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
238	Bakersfield	SJV	STOCKDALE	JEWETTA	BUENA VISTA BLVD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
239	Bakersfield	SJV	STOCKDALE	BUENA VISTA	CALLOWAY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
240	Bakersfield	SJV	STOCKDALE	CALLOWAY	COFFEE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
241	Bakersfield	SJV	STOCKDALE	COFFEE	ASHE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
242	Bakersfield	SJV	STOCKDALE	ASHE	CALIFORNIA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
243	Bakersfield	SJV	STOCKDALE	CALIFORNIA	MONTCLAIR				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
244	Bakersfield	SJV	STOCKDALE	MONTCLAIR	STINE RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
245	Bakersfield	SJV	STOCKDALE	STINE	REAL				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
246	Bakersfield	SJV	STOCKDALE	REAL	SR99				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
247	Bakersfield	SJV	STOCKDALE	SR99	OAK				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
248	Bakersfield	SJV	TRUXTUN AVE	OAK	BEECH	Add Lanes	Local		2/3	2/3	2/3	2/3	2/3	2/3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3				3
249	Bakersfield	SJV	TRUXTUN AVE	BEECH	PINE ST	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3				3
250	Bakersfield	SJV	TRUXTUN AVE	PINE	B ST	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3				3
251	Bakersfield	SJV	TRUXTUN AVE	B ST	F ST	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3				3
252	Bakersfield	SJV	TRUXTUN AVE	F ST	H ST	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3				3
253	Bakersfield	SJV	TRUXTUN AVE	H ST	CHESTER				3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3	3	3	3	3	3	3	3	3	3	3				3
254	Bakersfield	SJV	TRUXTUN AVE	CHESTER	M ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
255	Bakersfield	SJV	TRUXTUN AVE	M ST	N ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
256	Bakersfield	SJV	TRUXTUN AVE	N ST	Q ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
257	Bakersfield	SJV	TRUXTUN AVE	Q ST	UNION				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
258	Bakersfield	SJV	UNION	MANOR	COLUMBUS				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
259	Bakersfield	SJV	UNION	COLUMBUS	34TH ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
260	Bakersfield	SJV	UNION	34TH ST	30TH ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
261	Bakersfield	SJV	UNION	30TH ST	NILES				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
262	Bakersfield	SJV	UNION	NILES	MONTEREY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
263	Bakersfield	SJV	UNION	MONTEREY	KENTUCKY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
264	Bakersfield	SJV	UNION	KENTUCKY	SR204				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
265	Bakersfield	SJV	UNION	SR204	21ST ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
266	Bakersfield	SJV	UNION	21ST ST	18TH ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
267	Bakersfield	SJV	UNION	18TH ST	TRUXTUN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
268	Bakersfield	SJV	UNION	TRUXTUN	CALIFORNIA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
269	Bakersfield	SJV	UNION	CALIFORNIA	4TH ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
270	Bakersfield	SJV	UNION	4TH ST	BRUNDAGE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

									Year number of lanes modeled (each direction)																												
SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50	Ultimate
271	Bakersfield	SJV	UNION	BRUNDAGE	SR58				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
272	Bakersfield	SJV	UNION	SR58	BELLE TERRACE	Add Lanes	Local		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
273	Bakersfield	SJV	UNION	MING	WILSON	Add Lanes	Local		2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
274	Bakersfield	SJV	UNION	WILSON	PLANZ	Add Lanes	Local		2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
275	Bakersfield	SJV	UNION	PLANZ	CHESTER	Add Lanes	Local		2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
276	Bakersfield	SJV	UNION	CHESTER	WHITE LN	Add Lanes	Local		2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
277	Bakersfield	SJV	UNION	PACHECO	FAIRVIEW RD	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
278	Bakersfield	SJV	UNION	FAIRVIEW RD	PANAMA LN	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
279	Bakersfield	SJV	UNION	PANAMA LN	BERKSHIRE	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
280	Bakersfield	SJV	UNION	BERKSHIRE	HOSKING	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
281	Bakersfield	SJV	VINELAND RD	PALADINO DR	SR 178				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
282	Bakersfield	SJV	VINELAND RD	SR 178	SR 184/Kern Canyon Road				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
283	Bakersfield	SJV	WHITE LN/Muller Road	COTTONWOOD RD	OSWELL				0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
284	Bakersfield	SJV	WHITE LN	BUENA VISTA	MOUNTAIN VISTA				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
285	Bakersfield	SJV	WHITE LN	MOUNTAIN VISTA	OLD RIVER RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
286	Bakersfield	SJV	WHITE LN	OLD RIVER RD	PARK VIEW				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
287	Bakersfield	SJV	WHITE LN	PARK VIEW	PIN OAK PARK				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
288	Bakersfield	SJV	WHITE LN	PIN OAK PARK	GOSFORD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
289	Bakersfield	SJV	WHITE LN	GOSFORD	LILY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
290	Bakersfield	SJV	WHITE LN	LILY	ASHE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
291	Bakersfield	SJV	WHITE LN	ASHE	WILSON				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
292	Bakersfield	SJV	WHITE LN	WILSON	CLOVE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
293	Bakersfield	SJV	WHITE LN	CLOVE	STINE RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
294	Bakersfield	SJV	WHITE LN	STINE RD	AKERS		`		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
295	Bakersfield	SJV	WHITE LN	AKERS	WIBLE RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
296	Bakersfield	SJV	WHITE LN	WIBLE RD	SR99				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
297	Bakersfield	SJV	WHITE LN	SR99	HUGHES LN				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
298	Bakersfield	SJV	WHITE LN	HUGHES LN	H ST				3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3	3
299	Bakersfield	SJV	WHITE LN	H ST	MONITOR				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
300	Bakersfield	SJV	WHITE LN	MONITOR	UNION				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
301	Bakersfield	SJV	WIBLE	SR 119	CURNOW RD				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
302	Bakersfield	SJV	WEST URBAN CORRIDOR	7TH STANDARD	SR 58/Rosedale Highway	New Freeway	KER08RTP102	$115,793,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2
303	Bakersfield	SJV	WEST URBAN CORRIDOR	SR58	WESTSIDE PARKWAY	New Freeway	KER08RTP016	$170,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3
304	Bakersfield	SJV	WEST URBAN CORRIDOR	WESTSIDE PARKWAY	PACHECO		KER08RTP016		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	2	2	2	2
305	Bakersfield	SJV	WEST URBAN CORRIDOR	PACHECO	WHITE LN		KER08RTP097		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	2	2	2	2
306	Bakersfield	SJV	WEST URBAN CORRIDOR	WHITE LN	SR 119		KER08RTP097		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																									Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50		
	Caltrans																																	
307	Caltrans	SJV	ELLINGTON	11TH AVE	SR155				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
308	Caltrans	SJV	I-5	COUNTY LINE	LAVAL				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	
309	Caltrans	SJV	I-5	LAVAL	SR99				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	**5**	
310	Caltrans	SJV	I-5	SR99	SR166		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
311	Caltrans	SJV	I-5	SR166	OLD RIVER RD		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
312	Caltrans	SJV	I-5	OLD RIVER RD	SR223		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
313	Caltrans	SJV	I-5	SR223	SR119		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
314	Caltrans	SJV	I-5	SR119	SR43		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
315	Caltrans	SJV	I-5	SR43	STOCKDALE		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
316	Caltrans	SJV	I-5	STOCKDALE	SR58		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
317	Caltrans	SJV	I-5	SR58	7TH STANDARD		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
318	Caltrans	SJV	I-5	7TH STANDARD	ROWLEE		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
319	Caltrans	SJV	I-5	ROWLEE	LERDO HWY		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	**3**	**3**	
320	Caltrans	SJV	I-5	LERDO HWY	SR46		06-45680		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
321	Caltrans	SJV	I-5	SR46	TWISSELMAN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
322	Caltrans	SJV	I-5	TWISSELMAN	COUNTY LINE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
323	Caltrans	IWV	SR14	SR395	POOLE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
324	Caltrans D9	IWV	SR14	POOLE	INYOKERN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
325	Caltrans D9	IWV	SR14	INYOKERN	SR178	Add Lanes	KER08RTP006	$42,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
326	Caltrans D9	IWV	SR14	SR178	6 mile s of 178	Add Lanes	KER08RTP017	$42,000,000	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
327	Caltrans D9	IWV	SR14	6 mile s of 178	REDROCK RANDSBURG	Add Lanes	KER08RTP024	$32,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	
328	Caltrans D9	MD	SR14	REDROCK RANDSBURG	JAWBONE CANYON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
329	Caltrans D9	MD	SR14	JAWBONE CANYON	CALIFORNIA CITY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
330	Caltrans D9	MD	SR14	CALIFORNIA CITY	SR58BYPASS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
331	Caltrans D9	MD	SR14	SR58BYPASS	DEAVER				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
332	Caltrans D9	MD	SR14	DEAVER	SR58				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
333	Caltrans D9	MD	SR14	ALTUS	SR58				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
334	Caltrans D9	MD	SR14	CAMELOT	ALTUS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
335	Caltrans D9	MD	SR14	PURDY	CAMELOT				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
336	Caltrans D9	MD	SR14	SILVER QUEEN	PURDY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
337	Caltrans D9	MD	SR14	BACKUS	SILVER QUEEN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
338	Caltrans D9	MD	SR14	DAWN	BACKUS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
339	Caltrans D9	MD	SR14	ROSAMOND	DAWN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
340	Caltrans D9	MD	SR14	A AVE	ROSAMOND				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
341	Caltrans	SJV	SR119	SR33	GARDENER FIELD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
342	Caltrans	SJV	SR119	GARDENER FIELD	2ND ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
343	Caltrans	SJV	SR119	2ND ST	ASH				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
344	Caltrans	SJV	SR119	ASH	HARRISON				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
345	Caltrans	SJV	SR119	HARRISON	MIDWAY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
346	Caltrans	SJV	SR119	MIDWAY	ELK HILLS				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
347	Caltrans	SJV	SR119	ELK HILLS	CHERRY AVE	Add Lanes			1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	
348	Caltrans	SJV	SR119	CHERRY AVE	TUPMAN	Add Lanes	KER08RTP022	$115,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	
349	Caltrans	SJV	SR119	TUPMAN	SR43				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
350	Caltrans	SJV	SR119	SR43	I-5				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
351	Caltrans	SJV	SR119	I-5	NORD	Add Lanes	KER08RTP099	$31,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3					3
352	Caltrans	SJV	SR119	NORD	HEATH	Add Lanes	KER08RTP099	$31,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3					3
353	Caltrans	SJV	SR119	HEATH	RENFRO	Add Lanes	KER08RTP099	$31,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3					3
354	Caltrans	SJV	SR119	RENFRO	ALLEN	Add Lanes	KER08RTP099	$31,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3					3
355	Caltrans	SJV	SR119	ALLEN	BARLOW	Add Lanes	KER08RTP099	$31,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3					3
356	Caltrans	SJV	SR119	BARLOW	BUENA VISTA BLVD	Add Lanes	KER08RTP099	$31,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3					3
357	Caltrans	SJV	SR119	BUENA VISTA BLVD	GREEN	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3					3
358	Caltrans	SJV	SR119	GREEN	OLD RIVER RD	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3					3
359	Caltrans	SJV	SR119	OLD RIVER RD	PROGRESS	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3					3
360	Caltrans	SJV	SR119	PROGRESS	GOSFORD	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3					3
361	Caltrans	SJV	SR119	GOSFORD	ASHE	Add Lanes	Local	kersfield funded	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2					3
362	Caltrans	SJV	SR119	ASHE	STINE RD	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2					3
363	Caltrans	SJV	SR119	STINE RD	VAN HORN	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2					3
364	Caltrans	SJV	SR119	VAN HORN	WIBLE RD	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2					3
365	Caltrans	SJV	SR119	WIBLE RD	SR99	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2					3
366	Caltrans	SJV	SR155	SR99	FREMONT				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					1
367	Caltrans	SJV	SR155	FREMONT	HIGH				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					1
368	Caltrans	SJV	SR155	HIGH	LEXINGTON				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					1
369	Caltrans	SJV	SR155	LEXINGTON	MAST AVE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					1
370	Caltrans	SJV	SR155	MAST AVE	BROWNING				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					1
371	Caltrans	SJV	SR155	BROWNING	BOWMAN RD	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
372	Caltrans	SJV	SR155	BOWMAN RD	FAMOSO PORTERVILLE	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
373	Caltrans	SJV	SR155	FAMOSO PORTERVILLE	SR65				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
374	Caltrans	SJV	SR155	SR65	WOODY GRANITE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
375	Caltrans	SJV	SR155	WOODY GRANITE	GRANITE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
376	Caltrans	SJV	SR155	GRANITE	JACK RANCH				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
377	Caltrans	SJV	SR155	JACK RANCH	RANCHERIA RD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
378	Caltrans	MD	SR155	RANCHERIA	WOFFORD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
379	Caltrans	MD	SR155	WOFFORD	SAWMILL				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
380	Caltrans	MD	SR155	SAWMILL	SR178				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
381	Caltrans	SJV	SR166	SR33	OLD RIVER RD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
382	Caltrans	SJV	SR166	OLD RIVER RD	I-5				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
383	Caltrans	SJV	SR166	I-5	SR99				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
384	Caltrans	SJV	SR178	SR58/SR99	BUCK OWENS	Add Lanes	KER08RTP014	$55,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					3/5
385	Caltrans	SJV	SR178	BUCK OWENS	OAK	Add Lanes	KER08RTP014	$55,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
386	Caltrans	SJV	SR178	OAK	BEECH	Add Lanes	KER08RTP014	$55,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
387	Caltrans	SJV	SR178	BEECH	PINE ST	Add Lanes	KER08RTP014	$55,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
388	Caltrans	SJV	SR178	PINE ST	BAY ST	Add Lanes	KER08RTP014	$55,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
389	Caltrans	SJV	SR178	BAY ST	D ST	Add Lanes	KER08RTP014	$55,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
390	Caltrans	SJV	SR178	D ST	F ST	Add Lanes	KER08RTP014	$55,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
391	Caltrans	SJV	SR178	F ST	H ST	Add Lanes	KER08RTP014	$55,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
392	Caltrans	SJV	SR178	H ST	CHESTER	Add Lanes	KER08RTP014	$55,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
393	Caltrans	SJV	SR178	CHESTER	M ST	Add Lanes	KER08RTP014	$55,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
394	Caltrans	SJV	SR178	M ST	SR204				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4					4
395	Caltrans	SJV	SR178	SR204	ALTA VISTA	Add Lanes	KER08RTP026	$140,500,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4					4

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
396	Caltrans	SJV	SR178	ALTA VISTA	BEALE	Add Lanes	KER08RTP026	$140,500,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4				4
397	Caltrans	SJV	SR178	BEALE	HALEY	Add Lanes	KER08RTP026	$140,500,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4				4
398	Caltrans	SJV	SR178	HALEY	MT VERNON	Add Lanes	KER08RTP026	$140,500,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4				4
399	Caltrans	SJV	SR178	MT VERNON	OSWELL	Add Lanes	KER08RTP026	$140,500,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4				4
400	Caltrans	SJV	SR178	OSWELL	FAIRFAX				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
401	Caltrans	SJV	SR178	FAIRFAX	MORNING DR		KER08RTP111	$58,800,000	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3				3
402	Caltrans	SJV	SR178	MORNING DR	VINELAND	Add Lanes	KER08RTP111	$58,800,000	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3				3
403	Caltrans	SJV	SR178	VINELAND	SR184	Add Lanes	KER08RTP025	$119,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3				3
404	Caltrans	SJV	SR178	SR184	MASTERSON Street	Add Lanes	KER08RTP025	$119,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
405	Caltrans	SJV	SR178	MASTERSON Street	COMANCHE	Add Lanes	KER08RTP025	$119,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3				3
406	Caltrans	SJV	SR178	COMANCHE	MIRAMONTE	Add Lanes	KER08RTP025	$119,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3				3
407	Caltrans	SJV	SR178	MIRAMONTE	RANCHERIA RD		KER08RTP084		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3				3
408	Caltrans	SJV/MD	SR178	RANCHERIA RD	SR155				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				2
409	Caltrans	MD	SR178	SR155	LAKE ISABELLA BLVD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				2
410	Caltrans	MD	SR178	LAKE ISABELLA BLVD	SIERRA WY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				2
411	Caltrans	MD	SR178	SIERRA WY	KELSO VALLEY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				2
412	Caltrans D9	MD/IWV	SR178	KELSO VALLEY	SR14				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				2
413	Caltrans D9	IWV	SR178	SR14	SR395				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				2
414	Caltrans D9	IWV	SR178	SR395	JACKS RANCH				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
415	Caltrans D9	IWV	SR178	JACKS RANCH	BRADY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
416	Caltrans D9	IWV	SR178	BRADY	MAHAN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
417	Caltrans D9	IWV	SR178	MAHAN	DOWNS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
418	Caltrans D9	IWV	SR178	DOWNS	NORMA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
419	Caltrans D9	IWV	SR178	NORMA	CHINA LAKE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
420	Caltrans D9	IWV	SR178	INYOKERN	WARD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
421	Caltrans D9	IWV	SR178	WARD	DRUMMOND				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
422	Caltrans D9	IWV	SR178	DRUMMOND	LAS FLORES				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
423	Caltrans D9	IWV	SR178	LAS FLORES	RIDGECREST BLVD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
424	Caltrans D9	IWV	SR178	CHINA LAKE	GATEWAY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
425	Caltrans D9	IWV	SR178	GATEWAY	RICHMOND				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
426	Caltrans D9	IWV	SR178	RICHMOND	COUNTY LINE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2				2
427	Caltrans	SJV	SR184	MESA MARIN DR	SR178	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
428	Caltrans	SJV	SR184	VINELAND	MESA MARIN DR	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
429	Caltrans	SJV	SR184	MONICA ST	VINELAND	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
430	Caltrans	SJV	SR184	SHALANE	MONICA ST	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
431	Caltrans	SJV	SR184	MORNING DR	SHALANE	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
432	Caltrans	SJV	SR184	NILES	PIONEER				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2				2
433	Caltrans	SJV	SR184	PIONEER	MILLS				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2				2
434	Caltrans	SJV	SR184	MILLS	EDISON				1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
435	Caltrans	SJV	SR184	EDISON	BRUNDAGE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
436	Caltrans	SJV	SR184	BRUNDAGE	SR58				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
437	Caltrans	SJV	SR184	SR58	KERRNITA	most part 2 la	KER08RTP100	$10,500,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
438	Caltrans	SJV	SR184	KERRNITA	REDBANK		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
439	Caltrans	SJV	SR184	REDBANK	WILSON		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
440	Caltrans	SJV	SR184	WILSON	MULLER		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
441	Caltrans	SJV	SR184	MULLER	WHITE LN		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
442	Caltrans	SJV	SR184	WHITE LN	HERMOSA		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
443	Caltrans	SJV	SR184	HERMOSA	FAIRVIEW RD		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
444	Caltrans	SJV	SR184	FAIRVIEW RD	PANAMA LN		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
445	Caltrans	SJV	SR184	PANAMA LN	KAM AVE		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
446	Caltrans	SJV	SR184	KAM AVE	MOUNTAIN VIEW		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
447	Caltrans	SJV	SR184	MOUNTAIN VIEW	MC KEE		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
448	Caltrans	SJV	SR184	MC KEE	SR119/PANAMA RD		KER08RTP100	$10,500,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2					2
449	Caltrans	SJV	SR184	SR119/PANAMA RD	HALL				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
450	Caltrans	SJV	SR184	HALL	DI GIORGIO		Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
451	Caltrans	SJV	SR184	DI GIORGIO	TRI DUNCON		Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2					2
452	Caltrans	SJV	SR184	TRI DUNCON	BUENA VISTA BLVD		Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2					2
453	Caltrans	SJV	SR184	BUENA VISTA BLVD	SUNSET BLVD		Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2					2
454	Caltrans	SJV	SR184	SUNSET BLVD	SR223		Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2					2
455	Caltrans	MD	SR202	SR58	TEHACHAPI BLVD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
456	Caltrans	MD	SR202	TEHACHAPI BLVD	RED APPLE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
457	Caltrans	MD	SR202	RED APPLE	VALLEY BLVD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
458	Caltrans	MD	SR202	VALLEY BLVD	GOLDEN HILLS				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2					2
459	Caltrans	MD	SR202	GOLDEN HILLS	WOODFORD TEHACHAPI				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
460	Caltrans	MD	SR202	WOODFORD TEHACHAPI	SCHOUT				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
461	Caltrans	MD	SR202	SCHOUT	BANDUCCI				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
462	Caltrans	MD	SR202	BANDUCCI	CUMMINGS VALLEY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
463	Caltrans	MD	SR202	CUMMINGS VALLEY	BEAR VALLEY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
464	Caltrans	MD	SR202	BEAR VALLEY	GIRAUDO				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
465	Caltrans	SJV	SR204	UNION	Q ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
466	Caltrans	SJV	SR204	Q ST	M ST				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
467	Caltrans	SJV	SR204	M ST	CHESTER				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
468	Caltrans	SJV	SR204	CHESTER	F ST		Local		2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
469	Caltrans	SJV	SR204	F ST	SR99		Local		2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
470	Caltrans	SJV	SR223	I-5	OLD RIVER RD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
471	Caltrans	SJV	SR223	OLD RIVER RD	WIBLE RD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
472	Caltrans	SJV	SR223	WIBLE RD	SR99				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
473	Caltrans	SJV	SR223	SR99	UNION		06-44390		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
474	Caltrans	SJV	SR223	UNION	FAIRFAX		06-44390		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
475	Caltrans	SJV	SR223	FAIRFAX	SR184		06-44390		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
476	Caltrans	SJV	SR223	SR184	VINELAND		06-44390		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
477	Caltrans	SJV	SR223	VINELAND	EDISON		06-44390		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
478	Caltrans	SJV	SR223	EDISON	MALAGA		06-44390		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
479	Caltrans	SJV	SR223	MALAGA	COMANCHE		06-44390		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
480	Caltrans	SJV	SR223	COMANCHE	CAMPUS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
481	Caltrans	SJV	SR223	CAMPUS	TEJON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
482	Caltrans	SJV	SR223	TEJON	TOWER LINE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
483	Caltrans	SJV	SR223	TOWER LINE	GENERAL BEALE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
484	Caltrans	SJV	SR223	GENERAL BEALE	SR58				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
485	Caltrans	SJV	SR33	BARKER	TWISSELMAN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
486	Caltrans	SJV	SR33	TWISSELMAN	SR46				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
487	Caltrans	SJV	SR33	SR46	LERDO HWY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
488	Caltrans	SJV	SR33	LERDO HWY	LOST HILLS				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
489	Caltrans	SJV	SR33	LOST HILLS	LOKERN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
490	Caltrans	SJV	SR33	LOKERN	SR58				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
491	Caltrans	SJV	SR33	SR58	SR58				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
492	Caltrans	SJV	SR33	SR58	BILL KIRBY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
493	Caltrans	SJV	SR33	BILL KIRBY	MIDWAY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1
494	Caltrans	SJV	SR33	MIDWAY	ASH				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
495	Caltrans	SJV	SR33	ASH	HILLARD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
496	Caltrans	SJV	SR33	HILLARD	10TH ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
497	Caltrans	SJV	SR33	10TH ST	6TH ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
498	Caltrans	SJV	SR33	6TH ST	1ST ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
499	Caltrans	SJV	SR33	1ST ST	MAIN ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
500	Caltrans	SJV	SR33	MAIN ST	SR119				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
501	Caltrans	SJV	SR33	SR119	WOOD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
502	Caltrans	SJV	SR33	WOOD	CADET				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
503	Caltrans	SJV	SR33	CADET	BUSH				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
504	Caltrans	SJV	SR33	BUSH	SR166				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
505	Caltrans	SJV	SR33	SR166	CERRO NOROESTE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
506	Caltrans	SJV	SR33	CERRO NOROESTE	COUNTY LINE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					2
507	Caltrans D9	IWV	SR395	COUNTY LINE	SR14				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
508	Caltrans D9	IWV	SR395	SR14	INYOKERN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2					2
509	Caltrans D9	IWV	SR395	INYOKERN	BOWMAN RD	Passing Lane	KER08RTP089	$20,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2					2
510	Caltrans D9	IWV	SR395	BOWMAN RD	CHINA LAKE	Passing Lane	KER08RTP089	$20,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2					2
511	Caltrans D9	IWV	SR395	CHINA LAKE	SEARLES				1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2					2
512	Caltrans D9	MD	SR395	SEARLES	GARLOCK				1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2					2
513	Caltrans D9	MD	SR395	GARLOCK	JOBERG				1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2					2
514	Caltrans D9	MD	SR395	JOBERG	COUNTY LINE				1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2					2
515	Caltrans	SJV	SR43	COUNTY LINE	CECIL AVE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
516	Caltrans	SJV	SR43	CECIL AVE	SR155				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
517	Caltrans	SJV	SR43	SR155	POND				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
518	Caltrans	SJV	SR43	POND	SHERWOOD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
519	Caltrans	SJV	SR43	SHERWOOD	SR46				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
520	Caltrans	SJV	SR43	SR46	5TH ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
521	Caltrans	SJV	SR43	5TH ST	6TH ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
522	Caltrans	SJV	SR43	6TH ST	7TH ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
523	Caltrans	SJV	SR43	7TH ST	POSO DR				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2					2
524	Caltrans	SJV	SR43	POSO DR	FILBURN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
525	Caltrans	SJV	SR43	FILBURN	JACKSON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
526	Caltrans	SJV	SR43	JACKSON	KIMBERLINA RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
527	Caltrans	SJV	SR43	KIMBERLINA	POPLAR				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

									Year number of lanes modeled (each direction)																												
SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50	Ultimate
528	Caltrans	SJV	SR43	POPLAR	SHAFTER				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
529	Caltrans	SJV	SR43	SHAFTER	CENTRAL				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
530	Caltrans	SJV	SR43	CENTRAL	LERDO HWY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
531	Caltrans	SJV	SR43	LERDO HWY	LOS ANGELES	Local			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
532	Caltrans	SJV	SR43	LOS ANGELES	7TH STANDARD	Local			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
533	Caltrans	SJV	SR43	7TH STANDARD	BAKER				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
534	Caltrans	SJV	SR43	BAKER	SNOW				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
535	Caltrans	SJV	SR43	SNOW	KRATZMEYER				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
536	Caltrans	SJV	SR43	KRATZMEYER	REINA				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
537	Caltrans	SJV	SR43	REINA	HAGEMAN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
538	Caltrans	SJV	SR43	HAGEMAN	SR58				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
539	Caltrans	SJV	SR43	SR58	PALM				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
540	Caltrans	SJV	SR43	PALM	BRIMHALL				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
541	Caltrans	SJV	SR43	BRIMHALL	STOCKDALE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
542	Caltrans	SJV	SR43	STOCKDALE	PANAMA LN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
543	Caltrans	SJV	SR43	PANAMA LN	I-5				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
544	Caltrans	SJV	SR43	I-5	SR119				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
545	Caltrans	SJV	SR46	COUNTY LINE	KECKS	Add Lanes	KER08RTP003	$232,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
546	Caltrans	SJV	SR46	KECKS	BITTERWATER VALLEY	Add Lanes	KER08RTP003	$232,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
547	Caltrans	SJV	SR46	BITTERWATER VALLEY	SR33	Add Lanes	KER08RTP003	$232,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
548	Caltrans	SJV	SR46	SR33	Brown Material Road	Add Lanes	KER08RTP003	$232,000,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
549	Caltrans		SR46	Brown Material Road	CA Aquaduct	Add Lanes	KER08RTP018	$37,000,000	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
550	Caltrans	SJV	SR46	CA Aquaduct	LOST HILLS RD	Add Lanes	KER08RTP018	$40,000,000	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
551	Caltrans	SJV	SR46	LOST HILLS RD	I-5	Add Lanes	KER14RTP001	$27,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
552	Caltrans	SJV	SR46	I-5	CORCORAN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
553	Caltrans	SJV	SR46	CORCORAN	ROWLEE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
554	Caltrans	SJV	SR46	ROWLEE	WILDWOOD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
555	Caltrans	SJV	SR46	WILDWOOD	SCOFIELD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
556	Caltrans	SJV	SR46	SCOFIELD	LEONARD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
557	Caltrans	SJV	SR46	LEONARD	WESTERN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
558	Caltrans	SJV	SR46	WESTERN	MAGNOLIA				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
559	Caltrans	SJV	SR46	MAGNOLIA	CENTRAL				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
560	Caltrans	SJV	SR46	CENTRAL	PALM				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
561	Caltrans	SJV	SR46	PALM	GRIFFITH				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
562	Caltrans	SJV	SR46	GRIFFITH	F ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
563	Caltrans	SJV	SR46	F ST	SR43				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
564	Caltrans	SJV	SR46	SR43	ROOT				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
565	Caltrans	SJV	SR46	ROOT	SR99				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
566	Caltrans	SJV	SR58	COUNTY LINE	SR33				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
567	Caltrans	SJV	SR58	SR33	LOKERN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
568	Caltrans	SJV	SR58	LOKERN	BUTTONWILLOW				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
569	Caltrans	SJV	SR58	BUTTONWILLOW	MEADOW ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
570	Caltrans	SJV	SR58	MEADOW ST	I-5				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
571	Caltrans	SJV	SR58	I-5	BRANDT				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
572	Caltrans	SJV	SR58	BRANDT	SR43				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																											Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
573	Caltrans	SJV	SR58	SR43	CHERRY		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
574	Caltrans	SJV	SR58	CHERRY	SUPERIOR		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
575	Caltrans	SJV	SR58	SUPERIOR	GREELEY		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
576	Caltrans	SJV	SR58	GREELEY	DRIVER		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
577	Caltrans	SJV	SR58	DRIVER	NORD		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
578	Caltrans	SJV	SR58	NORD	WEGIS		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
579	Caltrans	SJV	SR58	WEGIS	HEATH		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					2
580	Caltrans	SJV	SR58	HEATH	RENFRO		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3					3
581	Caltrans	SJV	SR58	RENFRO	JENKINS		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3					3
582	Caltrans	SJV	SR58	JENKINS	ALLEN		KER08RTP092		1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3					3
583	Caltrans	SJV	SR58	ALLEN	OLD FARM	Add Lanes	KER08RTP090	$8,800,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
584	Caltrans	SJV	SR58	OLD FARM	JEWETTA	Add Lanes	KER08RTP090	$8,800,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
585	Caltrans	SJV	SR58	JEWETTA	VERDUGO	Add Lanes	KER08RTP090	$8,800,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
586	Caltrans	SJV	SR58	VERDUGO	CALLOWAY	Add Lanes	KER08RTP090	$8,800,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
587	Caltrans	SJV	SR58	CALLOWAY	MAIN PLAZA	Add Lanes	KER08RTP007	$29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
588	Caltrans	SJV	SR58	MAIN PLAZA	COFFEE		KER08RTP007	$29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
589	Caltrans	SJV	SR58	COFFEE	PATTON		KER08RTP007	$29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
590	Caltrans	SJV	SR58	PATTON	WEAR	Add Lanes	KER08RTP007	$29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
591	Caltrans	SJV	SR58	WEAR	FRUITVALE	Add Lanes	KER08RTP007	$29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
592	Caltrans	SJV	SR58	FRUITVALE	MOHAWK	Add Lanes	KER08RTP007	$29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
593	Caltrans	SJV	SR58	MOHAWK	LANDCO	Add Lanes	KER08RTP118 KER08RTP007	$27,000,000 $29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
594	Caltrans	SJV	SR58	LANDCO	GIBSON	Add Lanes	KER08RTP007	$29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
595	Caltrans	SJV	SR58	GIBSON	SR99	Add Lanes	KER08RTP007	$29,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
596	Caltrans	SJV	SR58	REAL	SR99				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0
597	Caltrans	SJV	SR58	SR99	H STREET		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	2-5	var.	var.	2-5	var.	2-5	var.	var.	var.	var.	var.	var.	3-6	var.	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6					3-6
597A	Caltrans	SJV	SR58 (GAP CLOSURE)-EB	SR 99 OFF-RAMP	SR 99 ON-RAMP		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
597B	Caltrans	SJV	SR58 (GAP CLOSURE)-EB	SR 99 ON-RAMP	H STREET OFF-RAMP		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6					6
597C	Caltrans	SJV	SR58 (GAP CLOSURE)-WB	H ON-RAMP	SR 99 NB		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					5
597D	Caltrans	SJV	SR58 (GAP CLOSURE)-WB	SR 99 NB	SR 99 SB		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
597E	Caltrans	SJV	SR58 (GAP CLOSURE)-WB	SR 99 SB	SR 99 ON-RAMP NB		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
598	Caltrans	SJV	SR58	H STREET	CHESTER		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
598A	Caltrans	SJV	SR58 (GAP CLOSURE)-EB	H STREET OFF RAMP	CHESTER ON-RAMP		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
598B	Caltrans	SJV	SR58 (GAP CLOSURE)-WB	CHESTER OFF-RAMP	H STREET ON-RAMP		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					4
599	Caltrans	SJV	SR58	CHESTER	UNION		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					5
599A	Caltrans	SJV	SR58 (GAP CLOSURE)-EB	CHESTER ON-RAMP	UNION OFF-RAMP		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					5
599B	Caltrans	SJV	SR58 (GAP CLOSURE)-WB	UNION ON-RAMP	CHESTER OFF-RAMP		KER08RTP019 KER08RTP020	$31,000,000 $47,400,000	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					5

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																												Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50							
600	Caltrans	SJV	SR58	UNION	COTTONWOOD	Add Lanes	KER08RTP019 KER08RTP093	$50,000,000 $47,400,000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
601	Caltrans	SJV	SR58	COTTONWOOD	MT VERNON		KER08RTP093	$47,400,000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
602	Caltrans	SJV	SR58	MT VERNON	OSWELL		KER08RTP093	$47,400,000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
603	Caltrans	SJV	SR58	OSWELL	FAIRFAX		KER08RTP093	$47,400,000	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
604	Caltrans	SJV	SR58	FAIRFAX	SR184				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
605	Caltrans	SJV	SR58	SR184	EDISON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
606	Caltrans	SJV	SR58	EDISON	COMANCHE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
607	Caltrans	SJV	SR58	COMANCHE	TOWER LINE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
608	Caltrans	SJV	SR58	TOWER LINE	GENERAL BEALE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
609	Caltrans D9	SJV	SR58	GENERAL BEALE	BENA RD	Truck Lanes	EA09-37960, 0919000011		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
610	Caltrans D9	SJV	SR58	BENA RD	BEALVILLE	Truck Lanes	EA 09- 37920		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
611	Caltrans D9	SJV	SR58	BEALVILLE	BROOM RD	Truck Lanes	EA 09- 37920		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
612	Caltrans D9	MD	SR58	BROOM RD	SR 202	Truck Lanes	EA09-37960, 0919000011		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
613	Caltrans D9	MD	SR58	SR202	MILL				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
614	Caltrans D9	MD	SR58	MILL	DENNISON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
615	Caltrans D9	MD	SR58	DENNISON	TEHACHAPI BLVD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
616	Caltrans D9	MD	SR58	TEHACHAPI BLVD	SAND CANYON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
617	Caltrans D9	MD	SR58	SAND CANYON	RANDSBURG CUTOFF				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
618	Caltrans D9	MD	SR58	RANDSBURG CUTOFF	SR14				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
619	Caltrans D9	MD	SR58	SR14	20 MULE TEAM PARKWAY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
620	Caltrans D9	MD	SR58	20 MULE TEAM PARKWAY	OLD 58				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
621	Caltrans D9	MD	SR58	OLD 58	CALIFORNIA CITY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
622	Caltrans D9	MD	SR58	CALIFORNIA CITY	MUROC				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
623	Caltrans D9	MD	SR58	MUROC	CLAY MINE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
624	Caltrans D9	MD	SR58	CLAY MINE	20 MULE TEAM PARKWAY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
625	Caltrans D9	MD	SR58	20 MULE TEAM	GEPHART				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
626	Caltrans D9	MD	SR58	GEPHART	BORAX				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
627	Caltrans D9	MD	SR58	BORAX	COUNTY LINE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
628	Caltrans	SJV	SR65	COUNTY LINE	SR155				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
629	Caltrans	SJV	SR65	SR155	SHERWOOD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
630	Caltrans	SJV	SR65	SHERWOOD	FAMOSO RD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
631	Caltrans	SJV	SR65	FAMOSO RD	MERCED AVE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
632	Caltrans	SJV	SR65	MERCED AVE	LERDO HWY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
633	Caltrans	SJV	SR65	LERDO HWY	JAMES				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
634	Caltrans	SJV	SR65	JAMES	7TH STANDARD	Local	KER08RTP094	$3,000,000	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
635	Caltrans	SJV	SR65	7TH STANDARD	SR99				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
636	Caltrans	SJV	SR99	COUNTY LINE	CECIL AVE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
637	Caltrans	SJV	SR99	CECIL	SR155				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
638	Caltrans	SJV	SR99	SR155	WOOLLOMES				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
639	Caltrans	SJV	SR99	WOOLLOMES	POND				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
640	Caltrans	SJV	SR99	POND	SHERWOOD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
641	Caltrans	SJV	SR99	SHERWOOD	SR46				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
642	Caltrans	SJV	SR99	SR46	KIMBERLINA RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
643	Caltrans	SJV	SR99	KIMBERLINA RD	MERCED AVE				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
644	Caltrans	SJV	SR99	MERCED	LERDO HWY				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																										Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50				
645	Caltrans	SJV	SR99	LERDO HWY	7TH STANDARD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				4
646	Caltrans	SJV	SR99	7TH STANDARD	SR65		KER08RTP138	$90,800,000	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4				4
647	Caltrans	SJV	SR99	SR65	OLIVE		KER08RTP138	$90,800,000	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4				4
648	Caltrans	SJV	SR99	SNOW RD	SNOW RD	New Intercha	KER08RTP115	$138,200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x	x				x
649	Caltrans	SJV	SR99	OLIVE	OLIVE	Ramp Improv	KER08RTP021	$108,000,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x	x				x
650	Caltrans	SJV	SR99	OLIVE	SR204		KER08RTP104	$12,000,000	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				5
651	Caltrans	SJV	SR99	SR204	AIRPORT				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
652	Caltrans	SJV	SR99	AIRPORT	SR58(24TH ST)				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
653	Caltrans	SJV	SR99	SR58(24TH ST)	CALIFORNIA				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
654	Caltrans	SJV	SR99	CALIFORNIA	STOCKDALE				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
655	Caltrans	SJV	SR99	STOCKDALE	MING				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
656	Caltrans	SJV	SR99	MING	Wilson Road				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
657	Caltrans	SJV	SR99	Wilson Road	WHITE LN	Add Lanes	KER08RTP077	$52,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
658	Caltrans	SJV	SR99	WHITE LN	PANAMA LN	Add Lanes	KER08RTP077	$52,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
659	Caltrans	SJV	SR99	PANAMA LN	HOSKING	Add Lanes	KER08RTP077	$52,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
660	Caltrans	SJV	SR99	SR119	HOSKING	Add Lanes	KER08RTP077	$52,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
661	Caltrans	SJV	SR99	SR223	SR119				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
662	Caltrans	SJV	SR99	HERRING RD	SR223				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
663	Caltrans	SJV	SR99	COPUS RD	HERRING RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
664	Caltrans	SJV	SR99	SR166	COPUS RD				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
665	Caltrans	SJV	SR99	I-5	SR166				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
666	Caltrans D9	MD	TUCKER RD	RED APPLE	VALLEY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
667	Caltrans D9	MD	VALLEY BL	TUCKER	REEVES	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
668	Caltrans D9	MD	VALLEY BL	REEVES	GOLDEN HILLS	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
669	Caltrans	SJV	WESTSIDE PARKWAY	HEATH	WEST BELTWAY	New Freeway	KER08RTP016	$170,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3				3
670	Caltrans	SJV	WESTSIDE PARKWAY	WEST BELTWAY	ALLEN	New Freeway	KER08RTP016	$170,000,000	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
671	Caltrans	SJV	WESTSIDE PARKWAY	ALLEN	JEWETTA	New Freeway	KER08RTP020	$698,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4				4
672	Caltrans	SJV	WESTSIDE PARKWAY	JEWETTA	CALLOWAY	New Freeway	KER08RTP020	$698,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4				4
673	Caltrans	SJV	WESTSIDE PARKWAY	CALLOWAY	COFFEE	New Freeway	KER08RTP020	$698,000,000	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4			4
674	Caltrans	SJV	WESTSIDE PARKWAY	COFFEE	MOHAWK	New Freeway	KER08RTP020	$698,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
675	Caltrans	SJV	WESTSIDE PARKWAY(PH	MOHAWK	TRUXTUN	New Freeway	KER08RTP020	$698,000,000	2-4	var.	var.	2-4	var.	2-4	var.	var.	var.	var.	var.	var.	2-4	var.	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	var.				var.
675A	Caltrans	SJV	WESTSIDE PKWY-PH. 4-EB	MOHAWK OFF-RAMP	MOHAWK LOOP ON-RAMP	New Freeway	KER08RTP020	$698,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	6	7	8	9	10	3				3
675B	Caltrans	SJV	WESTSIDE PKWY-PH. 4-E	MOHAWK LOOP ON-RAMP	TRUXTUN OFF RAMP	New Freeway	KER08RTP020	$698,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4
675C	Caltrans	SJV	WESTSIDE PKWY-PH. 4-E	TRUXTUN OFF-RAMP	SR 99 OFF-RAMP	New Freeway	KER08RTP020	$698,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
675D	Caltrans	SJV	WESTSIDE PKWY-PH. 4-W	SR 99 ON-RAMP	MOHAWK OFF-RAMP	New Freeway	KER08RTP020	$698,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
675E	Caltrans	SJV	WESTSIDE PKWY-PH. 4-W	MOHAWK OFF-RAMP	TRUXTUN ON RAMP	New Freeway	KER08RTP020	$698,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
675F	Caltrans	SJV	WESTSIDE PKWY-PH. 4-W	TRUXTUN ON RAMP	MOHAWK ON-RAMP	New Freeway	KER08RTP020	$698,000,000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				3
675G	Caltrans	SJV	WESTSIDE PKWY-PH. 4-W	MOHAWK LOOP ON-RAMP	DIRECT ON-RAMP	New Freeway	KER08RTP020	$698,000,000	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				4

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																									Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50		
	Kern County																																	
676	Kern County	SJV	7th STANDARD RD	SR 43/Enos Lane	SANTA FE WAY	Add Lanes	KER08RTP113	$11,500,000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
677	Kern County	SJV	7th STANDARD RD	ZERKER RD	ALLEN	Add Lanes	KER08RTP005	$57,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
678	Kern County	SJV	7th STANDARD RD	ALLEN	OLD FARM	Add Lanes	KER08RTP005	$57,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
679	Kern County	SJV	7th STANDARD RD	OLD FARM	JEWETTA	Add Lanes	KER08RTP005	$57,000,000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
680	Kern County	SJV	7th STANDARD RD	CALLOWAY	QUAIL CREEK	Add Lanes	KER08RTP005	$57,000,000	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
681	Kern County	SJV	7th STANDARD RD	QUAIL CREEK	COFFEE	Add Lanes	KER08RTP005	$57,000,000	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
682	Kern County	SJV	7th STANDARD RD	COFFEE	SR99				2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
683	Kern County	SJV	7th STANDARD RD	SR99	SR99				2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
684	Kern County	SJV	7th STANDARD RD	SR99	SR65				2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
685	Kern County	SJV	7th STANDARD RD	SR65	PEGASUS				2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
686	Kern County	SJV	7th STANDARD RD	PEGASUS	WINGS WAY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
687	Kern County	SJV	7th STANDARD RD	WINGS WAY	AIRPORT	Add Lanes	Local		2/1	2/1	2/1	2/1	2/1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
688	Kern County	SJV	7th STANDARD RD	AIRPORT	MC CRAY				2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
689	Kern County	SJV	7th STANDARD RD	MC CRAY	CHESTER				2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
690	Kern County	MD	90TH WEST	ROSAMOND	HOLIDAY	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
691	Kern County	MD	90TH WEST	HOLIDAY	GASKELL	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
692	Kern County	MD	90TH WEST	GASKELL	A AVE	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
693	Kern County	SJV	AIRPORT	7TH STANDARD	DAY	Add Lanes	Local		1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
694	Kern County	SJV	AIRPORT	DAY	SKYWAY	Add Lanes	Local		1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
695	Kern County	SJV	AIRPORT	SKYWAY	NORRIS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
696	Kern County	SJV	AIRPORT	NORRIS	DECATUR/OLIVE	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
697	Kern County	SJV	AIRPORT	DECATUR/OLIVE	ROBERTS LN	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
698	Kern County	SJV	AIRPORT	ROBERTS LN	STATE RD				2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
699	Kern County	SJV	ALLEN	NORIEGA	HAGEMAN				2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
700	Kern County	SJV	ALLEN	HAGEMAN	MEACHAM	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
701	Kern County	SJV	ALLEN	MEACHAM	SR58	Add Lanes	Local		2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
702	Kern County	SJV	ASHE RD	SR 119	REMERO RD				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
703	Kern County	SJV	BRECKENRIDGE RD	SR 184/Morning Drive	VINELAND RD				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
704	Kern County	SJV	BRECKENRIDGE RD	VINELAND RD	Edison /Masterson				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
705	Kern County	SJV	BRECKENRIDGE RD	Edison /Masterson	BEAUJOLIAS				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
706	Kern County	SJV	BRECKENRIDGE RD	BEAUJOLIAS	COMANCHE DR				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
707	Kern County	SJV	CALLOWAY	7TH STANDARD	ETCHART RD	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
708	Kern County	SJV	CALLOWAY	SR58	GREENACRES DR	Add Lanes	Local		2	2	2	2	2	2	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	3
709	Kern County	SJV	CALLOWAY	GREENACRES DR	HOLLAND ST	Add lane	Local	$920, 402	2	2	2	2	2	2	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	3	3	3	3	3	3	3	3	3	3	3
710	Kern County	SJV	CALLOWAY	HOLLAND ST	SLIKKER				2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
711	Kern County	SJV	CALLOWAY	SLIKKER	BRIMHALL	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
712	Kern County	SJV	CALIFORNIA	WASHINGTON	MT VERNON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
713	Kern County	SJV	CALIFORNIA	MT VERNON	EDISON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
714	Kern County	SJV	CHASE AVE	Masterson Street	COMANCHE DR				0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
715	Kern County	SJV	CHINA GRADE	CHESTER	MANOR				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
716	Kern County	SJV	CHINA GRADE	MANOR	MONTE CRISTO	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
717	Kern County	SJV	CHINA GRADE	MONTE CRISTO	CHINA GRADE LOOP/ROUND	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
718	Kern County	SJV	CHINA GRADE	CHINA GRADE LOOP/ROUND	ALFRED HARRELL	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
719	Kern County	IWV	CHINA LAKE BL	SPRINGER	MAHAN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																										Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50				
720	Kern County	IWV	CHINA LAKE BL	MAHAN	SR395				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
721	Kern County	SJV	COFFEE	SNOW	NORRIS	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
722	Kern County	SJV	COMANCHE DR	Alfred Harrell Highway	SR 58				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
723	Kern County	SJV	COMANCHE DR	SR 58	MULLER				1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
724	Kern County	SJV	EDISON RD	SR 178	BRECKENRIDGE RD				0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2
725	Kern County	SJV	EDISON RD	BRECKENRIDGE RD	Edison Highway				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
726	Kern County	SJV	FAIRFAX RD	SR 58	REDBANK RD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
727	Kern County	SJV	FRUITVALE AVE	SNOW	NORRIS				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
728	Kern County	SJV	FRUITVALE AVE	HAGEMAN RD	SR 58/Rosedale Highway				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
729	Kern County	SJV	GILMORE	FRUITVALE AVE	LANDCO				0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
730	Kern County	SJV	GOSFORD	SR119	CURNOW				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
731	Kern County	SJV	HAGEMAN	NORD RD	WEGIS AVE				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
732	Kern County	SJV	HAGEMAN	WEGIS AVE	HEATH RD				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
733	Kern County	SJV	HAGEMAN	HEATH RD	RUDD				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
734	Kern County	SJV	HAGEMAN	RUDD	RENFRO				1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
735	Kern County	SJV	HAGEMAN	RENFRO	JENKINS				1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
736	Kern County	SJV	HAGEMAN	JENKINS	SANTA FE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
737	Kern County	SJV	HAGEMAN	SANTA FE	ALLEN				3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
738	Kern County	SJV	HEATH RD	HAGEMAN RD	SR 58/Rosedale Highway				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
739	Kern County	SJV	HEATH RD	SR 58/Rosedale Highway	Stockdale Highway				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
740	Kern County	SJV	MANOR	MC CRAY	CHESTER				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
741	Kern County	SJV	MANOR	CHESTER	DAY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
742	Kern County	SJV	MANOR	DAY	CHINA GRADE LOOP				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
743	Kern County	SJV	MANOR	CHINA GRADE LOOP	NORRIS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
744	Kern County	SJV	MANOR	NORRIS	ROBERTS LN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
745	Kern County	SJV	MEACHAM	RENFRO RD	JENKINS RD				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
746	Kern County	SJV	MEACHAM	JENKINS RD	ALLEN				1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
747	Kern County	SJV	MOHAWK	HAGEMAN	DOWNING				2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
748	Kern County	SJV	MOHAWK	DOWNING	SR58				2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
749	Kern County	SJV	MT VERNON	SR178	BERNARD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
750	Kern County	SJV	MT VERNON	BERNARD	COLLEGE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
751	Kern County	SJV	MT VERNON	COLLEGE	FLOWER				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
752	Kern County	SJV	MT VERNON	FLOWER	NILES				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
753	Kern County	SJV	MT VERNON	NILES	KENTUCKY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
754	Kern County	SJV	MT VERNON	KENTUCKY	EDISON HWY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
755	Kern County	SJV	MT VERNON	EDISON HWY	CALIFORNIA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
756	Kern County	SJV	MT VERNON	CALIFORNIA	VIRGINIA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
757	Kern County	SJV	MT VERNON	VIRGINIA	BRUNDAGE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
758	Kern County	SJV	NO. CHESTER	BEARDSLEY	ROBERTS LN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
759	Kern County	SJV	NO. CHESTER	ROBERTS LN	DECATUR				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
760	Kern County	SJV	NO. CHESTER	DECATUR	NORRIS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
761	Kern County	SJV	NO. CHESTER	NORRIS	CHINA GRADE LOOP				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
762	Kern County	SJV	NO. CHESTER	CHINA GRADE LOOP	DAY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
763	Kern County	SJV	NO. CHESTER	DAY	MANOR				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
764	Kern County	SJV	NILES	MONTEREY	MT VERNON				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																												Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50							
765	Kern County	SJV	NILES	MT VERNON	OSWELL				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
766	Kern County	SJV	NILES	OSWELL	STERLING RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
767	Kern County	SJV	NILES	STERLING RD	FAIRFAX				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
768	Kern County	SJV	NILES	FAIRFAX	BRENTWOOD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
769	Kern County	SJV	NILES	BRENTWOOD	PARK DR				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
770	Kern County	SJV	NILES	PARK DR	SR184				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
771	Kern County	SJV	NORRIS RD	CHESTER AVE	MANOR				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2							2
772	Kern County	SJV	NORRIS RD	SR 99	AIRPORT DR				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2							2
773	Kern County	MD	OLD 58	ROSEWOOD	SR58BYPASS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
774	Kern County	MD	OLD 58	ARROYO	ROSEWOOD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
775	Kern County	MD	OLD 58	SR14	ARROYO				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
776	Kern County	MD	OLD 58	SR14	UNITED				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
777	Kern County	MD	OLD 58	UNITED	5TH ST				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
778	Kern County	MD	OLD 58	5TH	SR58BYPASS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
779	Kern County	SJV	OLD RIVER	MCCUTCHEN(HOSKING)	SR119				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							1
780	Kern County	SJV	OLD RIVER	SR119	CURNOW				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							1
781	Kern County	SJV	OSWELL	BERNARD	COLLEGE	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							3
782	Kern County	SJV	OSWELL	COLLEGE	NILES	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							3
783	Kern County	SJV	OSWELL	NILES	KENTUCKY	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							3
784	Kern County	SJV	OSWELL	KENTUCKY	PIONEER DR	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							3
785	Kern County	SJV	OSWELL	PIONEER DR	EDISON HWY	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							3
786	Kern County	SJV	OSWELL	EDISON HWY	VIRGINIA	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							3
787	Kern County	SJV	OSWELL	VIRGINIA	BRUNDAGE	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							3
788	Kern County	SJV	OSWELL	WHITE LN	PANAMA LN				0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1							1
789	Kern County	SJV	PANAMA LN	SR 43/ENOS LN	RENFRO				1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2							2
790	Kern County	SJV	PANAMA LN	RENFRO	ALLEN	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2							2
791	Kern County	SJV	PANAMA RD	UNION	SR184				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							1
792	Kern County	MD	RANDSBURG CUTOFF	SR14	SR58BYPASS				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							1
793	Kern County	SJV	PATTON WAY	MEANY	SR 58/Rosedale Highway				1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2							2
794	Kern County	SJV	QUAIL CREEK RD	NORRIS	SNOW ROAD				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2							2
795	Kern County	SJV	REDBANK	FAIRFAX	SR 184/Weedpatch Highway				1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2							3
796	Kern County	SJV	RENFRO RD	REINA	JOHNSON RD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2							2
797	Kern County	MD	ROSAMOND BL	TEHACHAPI WILLOW SPRING	80TH ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2							3
798	Kern County	MD	ROSAMOND BL	80TH ST	70TH ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2							3
799	Kern County	MD	ROSAMOND BL	70TH ST	65TH ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2							3
800	Kern County	MD	ROSAMOND BL	65TH ST	60TH ST				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2							3
801	Kern County	MD	ROSAMOND BL	60TH ST	50TH ST	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2							3
802	Kern County	MD	ROSAMOND BL	50TH ST	40TH ST	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3							3
803	Kern County	MD	ROSAMOND BL	40TH ST	35TH ST	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3							3
804	Kern County	MD	ROSAMOND BL	35TH ST	30TH ST	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3							3
805	Kern County	MD	ROSAMOND BL	25TH ST	SR14	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3							3
806	Kern County	MD	ROSAMOND BL	SR14	20TH ST	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3							3
807	Kern County	MD	ROSAMOND BL	20TH ST	SIERRA HWY	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3							3
808	Kern County	MD	ROSAMOND BL	SIERRA HWY	15TH ST	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3							3
809	Kern County	MD	ROSAMOND BL	15TH ST	10TH ST	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3							3

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																												Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50					
810	Kern County	SJV	SNOW RD	Allen Road	OLD FARM RD				1/2	1/2	1/2	1/2	1/2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3			
811	Kern County	SJV	SNOW RD	OLD FARM RD	JEWETTA AVE				1/2	1/2	1/2	1/2	1/2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3			
812	Kern County	SJV	SNOW RD	CALLOWAY DR	QUAIL CREEK RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3			
813	Kern County	SJV	SNOW RD	QUAIL CREEK RD	COFFEE RD				1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3			
814	Kern County	SJV	SNOW RD	FRUITVALE AVE	Golden State Highway				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
815	Kern County	SJV	SO.CHESTER	WILSON	MING				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
816	Kern County	SJV	TAFT HWY	SR99	H ST	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3			
817	Kern County	SJV	TAFT HWY	H ST	UNION				1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3			
818	Kern County	MD	TEHACHAPI WILLOW SPR	IRONE	ROSAMOND				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
819	Kern County	MD	TEHACHAPI WILLOW SPR	HAMILTON	IRONE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
820	Kern County	MD	TEHACHAPI WILLOW SPR	HIGHLINE	DENNISON				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
821	Kern County	MD	TEHACHAPI WILLOW SPR	ABAJO	HIGHLINE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
822	Kern County	SJV	UNION	BELLE TERRACE	MING	Add Lanes	Local		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
823	Kern County	SJV	UNION	WHITE LN	PACHECO	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3			
824	Kern County	SJV	UNION	HOSKING	MC KEE	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3			
825	Kern County	SJV	UNION	MC KEE	SR119	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3			
826	Kern County	SJV	VERDUGO LN	MEACHAM	ROSEDALE HIGHTWAY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2			
827	Kern County	SJV	VINELAND RD	SR 58	EDISON HIGHWAY				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2			
828	Kern County	SJV	VINELAND RD	EDISON HIGHWAY	Eucalyptus Drive				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2			
829	Kern County	SJV	VINELAND RD	Eucalyptus Drive	PIONEER DR				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2			
830	Kern County	SJV	VINELAND RD	PIONEER DR	SR 184/Morning Drive				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1			
831	Kern County	SJV	WHITE LN(MULLER RD)	OSWELL	FAIRFAX				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2			

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																										Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50				
	California City																																		
832	California City	MD	CAL CITY BL	SR14	RAILROAD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				2
833	California City	MD	CAL CITY BL	RAILROAD	BARON BLVD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				2
834	California City	MD	CAL CITY BL	BARON BLVD	NEURALIA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
835	California City	MD	CAL CITY BL	NEURALIA	HACIENDA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
836	California City	MD	CAL CITY BL	RANDSBURG MOJAVE	HACIENDA				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
837	California City	MD	CAL CITY BL	REDWOOD	RANDSBURG MOJAVE				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				2
838	California City	MD	CAL CITY BL	CARSON	REDWOOD				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				1

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled

									Year number of lanes modeled (each direction)																										
SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50	Ultimate
	Ridgecrest																																
839	Ridgecrest	IWV	CHINA LAKE BL	RIDGECREST BLVD	UPJOHN				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
840	Ridgecrest	IWV	CHINA LAKE BL	UPJOHN	BOWMAN RD				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
841	Ridgecrest	IWV	CHINA LAKE BL	BOWMAN RD	COLLEGE HEIGHTS				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
842	Ridgecrest	IWV	CHINA LAKE BL	COLLEGE HEIGHTS	DOLPHIN				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
843	Ridgecrest	IWV	CHINA LAKE BL	DOLPHIN	DOWNS				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
844	Ridgecrest	IWV	CHINA LAKE BL	DOWNS	SPRINGER				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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SORT KEY	AGENCY	AIR BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)																										Ultimate
									20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	37	38	40	41	42	45	46	48	50				
	Shafter																																		
845	Shafter	SJV	LERDO HWY	POPLAR	SHAFTER				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
846	Shafter	SJV	LERDO HWY	SHAFTER	SR43				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
847	Shafter	SJV	LERDO HWY	SR43	MANNEL				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
848	Shafter	SJV	LERDO HWY	MANNEL	BEECH				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
849	Shafter	SJV	LERDO HWY	BEECH	CHERRY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
850	Shafter	SJV	LERDO HWY	CHERRY	ZACHARY				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
851	Shafter	SJV	LERDO HWY	ZACHARY	ZERKER				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
852	Shafter	SJV	LERDO HWY	ZERKER	SR99				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Kern Council of Governments

V.
TTAC

May 31,2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Irene Enriquez, Regional Planner

SUBJECT: TTAC AGENDA ITEM: V.
KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR ESTIMATED FY 2023-24 ANNUAL APPORTIONMENT

DESCRIPTION:

Caltrans State of Good Repair (SGR) Program allocates annual funds from Senate Bill No.1 legislation to the Kern region.

DISCUSSION:

The Road Repair and Accountability Act of 2017, Senate Bill (SB) 1 (Chapter 5, Statues of 2017), signed by the Governor on April 28, 2017, includes a program that will provide additional revenues for transit infrastructure repair and service improvements. This investment in public transit will be referred to as the State of Good Repair (SGR) Program. This program receives funding of approximately $125 million annually. SGR funds are to be made available for eligible transit maintenance, rehabilitation, and capital projects.

SB 1 emphasizes the importance of accountability and transparency in the delivery of California's transportation programs. Therefore, to be eligible for SGR funding, potential agencies must comply with various reporting requirements. The SGR Guidelines will describe the general policies and procedures in carrying out the reporting requirements and other statutory objectives of the Road Repair and Accountability Act of 2017.

Kern COG staff is publishing Caltrans' SGR FY 2023-24 estimated annual apportionment. initiated by Caltrans State of Good Repair (SGR) Program staff totaling $1,547,558. **Caltrans will post the FY 2023-24 Kern region program of projects document on the CalSmart website by the end of August 2023.**

Kern COG staff has prepared a regional **SGR** Kern regional apportionment schedule (See below) to ensure this year's **SGR** projects are funded.

Agency	99313	99314	50 percent	Total Apportionment
Arvin	$35,161	$685	$0	35,846
California City	$22,553	$284	$0	$22,837
Delano	$81,568	$3,081	$0	$84,649
GET	$882,844	$64,861	$0	$947,705
Kern Transit	$260,421	$13,174	$0	$273,595
McFarland	$22,431	$134	$0	$22,565
Ridgecrest	$47,262	$1,756	$0	$49,018
Shafter	$32,659	$635	$0	$33,294
Taft	$11,407	$3,971	$0	$15,378
Tehachapi	$19,179	$312	$0	$19,491
Wasco	$42,829	$351	$0	$43,180
Region Total	$1,458,314	$89,244	$0	$1,547,558

Caltrans requires Kern COG to submit a Kern COG Board adopted resolution that supports the Kern region SGR projects.

Attachment: Kern region SGR Kern regional apportionment schedule for FY 2023-24

ACTION: Member agencies provide SGR proposed project titles to Kern COG no later than Friday, June 2, 2023.

MALIA M. COHEN
California State Controller

February 9, 2023

County Auditors Responsible for State of Good Repair Program Funds
Transportation Planning Agencies
County Transportation Commissions
San Diego Metropolitan Transit System

SUBJECT: Reissuance of the Fiscal Year 2023-24 State of Good Repair Program Allocation Preliminary Estimate

The State Controller's Office (SCO) is issuing a revision to the allocations stated in the summary schedule of State of Good Repair (SGR) program funds available to be allocated for fiscal year (FY) 2023-24, which was originally released on January 31, 2023. This revision uses Public Utilities Code (PUC) section 99314.10 allocations based on the SCO transmittal letter, Reissuance of the FY 2020-21 SGR Program Allocation Estimate, dated August 1, 2022, for each Transportation Planning Agency (TPA), county transportation commission, and the San Diego Metropolitan Transit System for the purposes of Public Utilities Code (PUC) section 99312.1(c). Allocations for the SGR program are calculated pursuant to the distribution formulas in PUC sections 99313 and 99314. Also enclosed is a schedule detailing the estimated available amount calculated pursuant to PUC section 99314 for each TPA by operator.

PUC section 99313 allocations are based on the latest available annual population estimates from the Department of Finance. The revenue basis will be updated in the August 2023 Fiscal Year 2023-24 State Transit Assistance estimates with the most current Financial Transactions Report data available.

According to the FY 2023-24 proposed California Budget, the estimated amount of SGR program funds budgeted is $125,619,000. Prior to receiving an apportionment of SGR program funds in a fiscal year, an agency must submit a list of proposed projects to the California Department of Transportation (DOT). DOT reports to SCO the eligible agencies that will receive an allocation quarterly pursuant to PUC sections 99313 and 99314.

Local Government Programs and Services Division
MAILING ADDRESS P.O. Box 942850, Sacramento, CA 94250
3301 C Street, Suite 700, Sacramento, CA 95816

SCO anticipates that the first quarter's allocation to eligible agencies will be paid by November 30, 2023. Please refer to the schedule for the amounts that relate to your agency.

We appreciate your understanding. Please contact Mike Silvera by telephone at (916) 323-0704 or email at msilvera@sco.ca.gov with any questions, or for additional information about this schedule. Information for the SGR program can be found on the DOT website at: https://dot.ca.gov/programs/rail-and-mass-transportation/state-transit-assistance-state-of-good-repair.

Sincerely,

(Original Signed By)

MELMA DIZON
Manager
Local Apportionments Section

Enclosures

State Controller's Office

Allocation Detail of State of Good Repair Program Allocation Amount Based on Public Utilities Code (PUC) section 99313 pursuant to PUC section 99312.1(c).

Fiscal Year 2023-2024 Estimate

Revised as of February 9, 2023

More information at http://www.sco.ca.gov/ard_local_apportionments.html

For assistance, please call Mike Silvera at 916-323-0704.

County	PUC Section 99313
Kern Council of Governments (Kern County Treasurer)	$1,458,314.00

Note: Filtered list to show only Kern Council of Governments' Regional Entity and Operator(s).

State Controller's Office
Allocation Detail of State of Good Repair Program Allocation Amount Based on Public Utilities Code (PUC) section 99314 Pursuant to PUC section 99312.1(c).
Fiscal Year 2023-2024 Estimate
Revised as of February 9, 2023
More information at http://www.sco.ca.gov/ard_local_apportionments.html
For assistance, please call Mike Silvera at 916-323-0704.

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314
Kern Council of Governments		
City of Arvin	$62,152	$685.00
City of California City	$25,760	$284.00
City of Delano	$279,451	$3,081.00
Golden Empire Transit District	$5,882,508	$64,861.00
County of Kern	$1,194,767	$13,174.00
City of McFarland	$12,106	$134.00
City of Ridgecrest	$159,250	$1,756.00
City of Shafter	$57,568	$635.00
City of Taft	$360,169	$3,971.00
City of Tehachapi	$28,252	$312.00
City of Wasco	$31,839	$351.00
Regional Entity Totals	$8,093,822	$89,244.00

Note: Filtered list to show only Kern Council of Governments' Regional Entity and Operator(s).

Kern Council of Governments

VI.
TTAC

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VI.
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

DESCRIPTION:
Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

DISCUSSION:
At the January 25-26, 2023 meeting, the California Transportation Commission (CTC) initiated the 2024 Regional Transportation Improvement Program (2024 RTIP) process to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

This month – The draft fund estimate assumptions were adopted by the CTC on May 17, 2023. The CTC is expected to present the draft fund estimate at the June 28-29 CTC meeting which will propose County Shares for regional agencies and determine if new programming can be proposed in the 2024 RTIP. Staff attended the CTC 2024 STIP Guidelines Workshop on May 17, 2023 and is preparing for the June 21st 2024 RTIP workshop scheduled for 10:00 AM.

2024 Regional Transportation Improvement Program Schedule		
~~January 2023~~	~~CTC~~	~~Adopt 2024 STIP Fund Estimate Schedule~~ *Done*
~~March 22-23, 2023~~	~~CTC~~	~~Present Fund Estimate Assumptions to Commissioners~~ Done
~~April 26, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~May 17-18, 2023~~	~~CTC~~	~~Adopt Fund Estimate Assumptions~~ Done
June 21, 2023	KCOG	Regional Workshop
June 28-29, 2023	CTC	Present Draft Fund Estimate
August 16-17, 2023	CTC	Adopt Statewide Fund Estimate and Guidelines
August 23, 2023	KCOG	Regional Workshop
September 6, 2023	KCOG	Circulate Adm. Draft 2024 RTIP (TTAC)
September 13, 2023	KCOG	Regional Workshop - Tentative
October 4, 2023	KCOG	Circulate Draft 2024 RTIP (TTAC)
November 16, 2023	KCOG	Regional Adoption of 2024 RTIP CIP (TPPC)
December 15, 2023	KCOG	Submittal deadline of 2024 RTIP to the CTC
February, 2024	CTC	Conduct Southern/Northern California Public Hearing
March, 2024	CTC	CTC will circulate staff recommendation for 2024 STIP
April, 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

Current 2022 STIP as Adopted - Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding. The Truck Climbing Lanes project on State Route 58 east of Bakersfield is considered a partnership project with Caltrans, with the intent of receiving SHOPP funding in future cycles for the construction phase. SR 46 widening work was advanced in the 2022 STIP to include construction funding for Segments 4B and 4C. These last 2 segments, once constructed, will complete the delivery of the last Phase 4, 5-mile segment. Phases 1, 2, and 3 are constructed. The Hageman Flyover project was programmed for construction in the 2022 RTIP. But the project has experienced delays. A STIP amendment was subsequently submitted by Kern COG to move funding from the Hageman Flyover to a new freeway to freeway connector project at the SR 58 and 99 freeway interchange. The STIP amendment was approved at the January 25-26, 2023 CTC meeting.

2022 STIP KERN REGION PROJECT STATUS	
SR 46 Widen Segment 4B	This project is currently under construction and scheduled for completion in 2023. This project will not move forward into the 2024 RTIP.
SR 46 Widen Segment 4C	Received construction authorizations in 22-23 and scheduled to begin work in 2023. This project received full STIP and TCEP allocations. This project will not move forward into the 2024 RTIP.
SR 58 Centennial Mainline	Under construction at 81% completed & expected to be completed later this year. Final AB 3090 (STIP) payment was allocated in 2022.
SR 99/204 Hageman Flyover	The Hageman project was not likely to advance to construction as programmed in the 2022 STIP. Kern COG subsequently requested a 2022 STIP Amendment. The amendment was approved at the January 25-26, 2023 CTC meeting to remove STIP funds from Hageman and move to new STIP project to construct a new freeway to freeway connector from eastbound SR 58 from new alignment west of SR 99 to northbound 99.
SR 58 Climbing Lanes	In the environmental review phase using CRRSAA/COVID funding.
NEW - SR 58/99 Connector	New project added to the 2022 STIP. This project was approved at the January 25-26, 2023, CTC meeting, as a STIP amendment and will fund the construction phase for the new connector. The City of Bakersfield is the lead for this work.

These projects are part of the 2022 State Transportation Improvement Program, and their funding activity is tracked by the CTC, every two years, through an updated document called Report of STIP Balances County and Interregional Shares, or the Orange Book. Attachment A of this report includes the 2022 Orange Book page for the Kern Region. The CTC will provide an update for the 2024 RTIP cycle sometime in the months ahead.

Update of Kern COG Project Delivery Policies and Procedures – In 2019, the Kern COG Board adopted the latest version of the Kern COG Project Delivery Policies and Procedures document which included updates to Chapters 1, 2 and 3. Chapter 3 focuses on the Regional Transportation Improvement Program process. The update included changes that provided consistency with STIP guidelines and other discretionary transportation programs.

Enclosures:

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments
Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops
Attachment D: KCOG RIP 60/40 Status
Attachment E: 2024 RTIP Capital Improvement Program – Baseline

ACTION: Information.

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)

2022 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

($1,000's)

Total County Share, June 30, 2021 (from 2021 Report)	86,641
Adjustment for 2019-20 and 2020-21 lapses	0
Less 2020-21 Allocations and closed projects	(46,091)
Less Projects Lapsed, July 1, 2021-June 30, 2022	0
2022 STIP Fund Estimate Formula Distribution	22,452
Total County Share, June 30, 2022	63,002

Kern

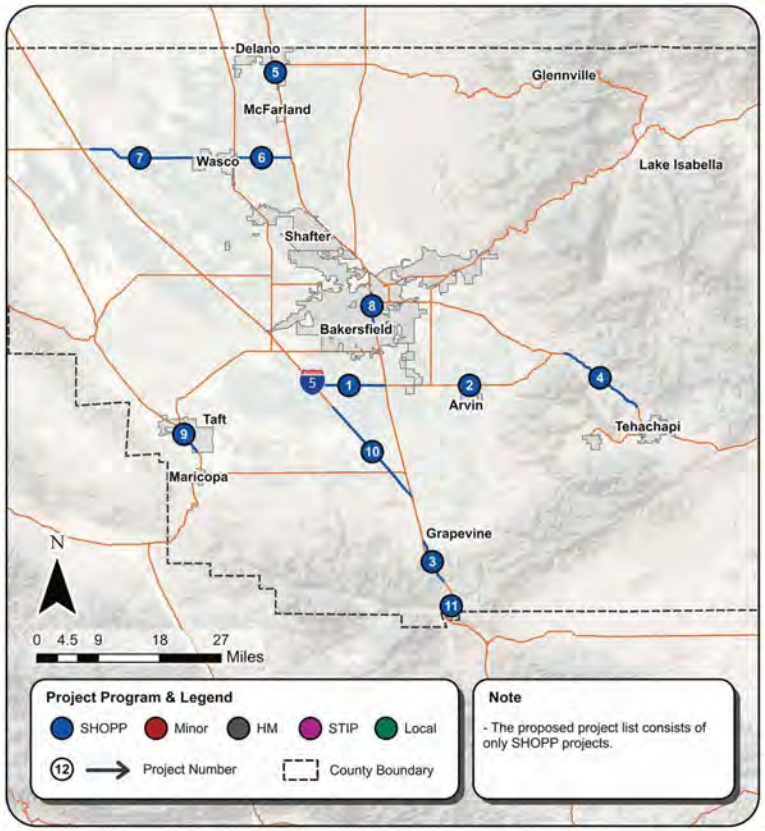
								Project Totals by Fiscal Year						Project Totals by Component					
Agency	Rte	PPNO	Project	Ext	Del.	Voted	Total	Prior	22-23	23-24	24-25	25-26	26-27	R/W	Const	E & P	PS&E	R/W Sup	Con Sup
Highway Projects:																			
Kern COG		6L03	Planning, programming, and monitoring			Dec-21	300	300	0	0	0	0	0	0	300	0	0	0	0
Bakersfield	cash	3705B	AB 3090 Reimbursement (Westside Pkwy-Ph1)(18S-07)			Jun-22	18,963	0	18,963	0	0	0	0	0	18,963	0	0	0	0
Caltrans	14	8042B	Freeman Gulch widening-Segment 2 (RIP 40%)				1,960	1,960	0	0	0	0	0	0	0	0	1,960	0	0
Caltrans	46	3386E	Widen 4 lns, Browns Material Rd-CA Aqueduct, Seg 4C				13,995	5,450	8,545	0	0	0	0	2,750	4,445	0	2,100	600	4,100
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204				25,593	0	0	0	0	25,593	0	0	25,593	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring				2,191	0	300	300	591	500	500	0	2,191	0	0	0	0
			Subtotal, Highway Projects				63,002	7,710	27,808	300	591	26,093	500	2,750	51,492	0	4,060	600	4,100
	Total Programmed or Voted since July 1, 2021						63,002												
COVID Projects																			
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204 (20S-26)			Oct-21	2,686	0	2,686	0	0	0	0	2,686	0	0	0	0	0
Caltrans	58	2664	Truck Climbing Lane, e/b, PM 76.3-79.8(20S-26)				2,272	2,272	0	0	0	0	0	0	0	2,272	0	0	0
	Total Programmed or Voted since July 1, 2021						4,958	2,272	2,686	0	0	0	0	2,686	0	2,272	0	0	0

Balance of STIP County Share, Kern	
Total County Share, June 30, 2022	63,002
Total Programmed or Voted Since July 1, 2021	63,002
Unprogrammed Share Balance	0
Share Balance Advanced or Overdrawn	0
COVID Programming	
Target	6,414
Total Programmed or Voted Since July 1, 2021	4,958
2021-22 Lapsed Projects	0
Less 2020-21 Allocations	0
Under (Over) Target	1,456

Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROPOSED PROJECT LIST (YEARS 6-7)

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROPOSED PROJECT LIST (YEARS 6-7)								
1	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	Proposed	$9,877	2024/25
2	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
3	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25
4	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
5	1A810	6	99	54.6 / 54.61	Delano Facility. Reconstruct Building	ENV	$3,486	2025/26
6	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
7	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
8	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
9	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
10	0W930	6	5	15.9R / 30.0	KER I5 CAPM / Remove .35' HMA and Place .25' HMA and 0.10' RHMA.	ENV	$35,406	2025/26
11	0X570	6	5	.73 / 1.08	Tejon SRRA Water & Wastewater Upgrades / Upgrade Water and Wastewater Systems	ENV	$10,170	2025/26



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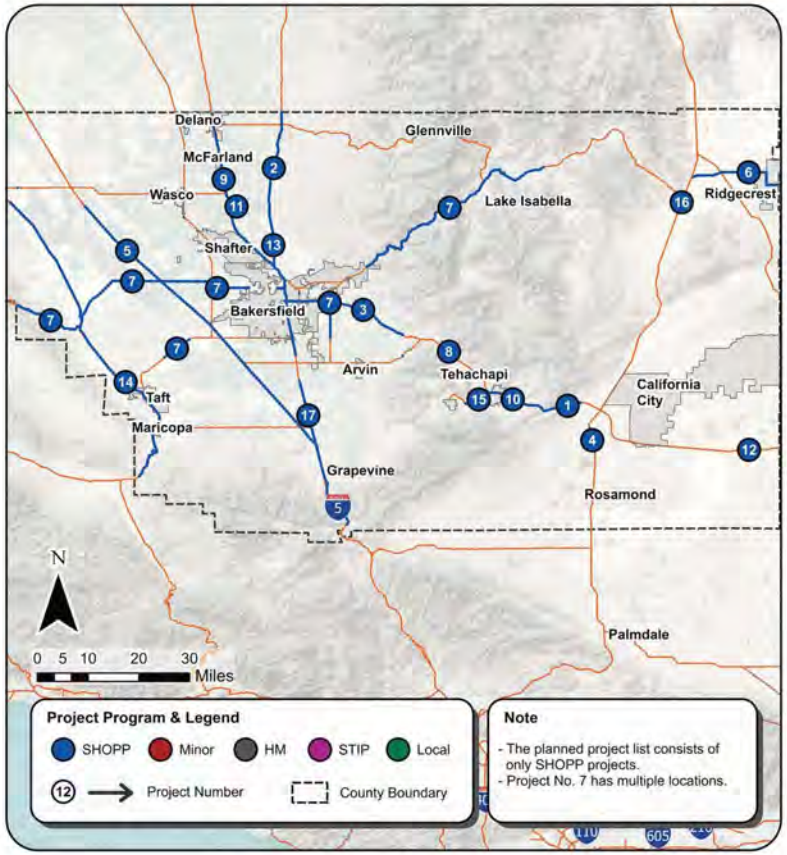
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PLANNED PROJECT LIST (YEARS 8-10)

No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PLANNED PROJECT LIST (YEARS 8-10)								
1	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	Future	$39,623	2026/27
2	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
3	0X450	6	58	R64.9 / R64.91	Arvin KER-58 Wim Upgrade / Improve Weigh Facility	Future	$3,051	2026/27
4	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	Future	$47,558	2026/27
5	19586	6	5	52.80 / 62.6	Rehab	Future	$76,423	2027/28
6	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	Future	$72,355	2027/28
7	22144	6	58	3.03 / 72.67	In Kern County at various locations. Drainage improvements	Future	$14,196	2027/28
8	22129	9	58	81 / 81.1	In Kern county at CVEF on Route 58 eastbound	Future	$1,260	2028/29
9	1A660	6	99	R43.9R / 49.4	CAPM	Future	$9,522	2028/29
10	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29
11	22167	6	99	R43.6R / R43.61R	50 0011R Spot prep and paint steel members	Future	$2,115	2028/29
12	21986	9	58	R138.75 / R139.0	In Kern County at Boron SRRA. Rehab wastewater treatment.	Future	$2,994	2028/29
13	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
14	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
15	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58.	Future	$9,387	2028/29
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	$2,463	2028/29
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	$13,724	2028/29



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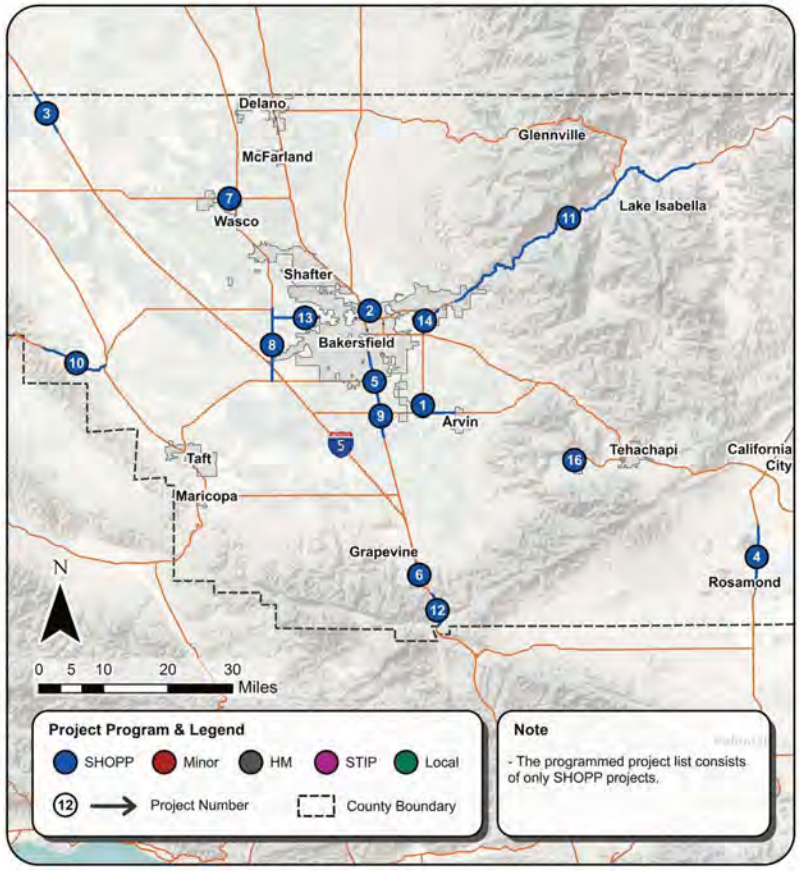
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
1	0V280	6	184	L0.9 / L1.1	Kern 184/Sunset Roundabout / Intersection Improvements	CON	$9,050	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U470	6	5	82 / 87	Lost Hills Rehab / Pavement Rehabilitation (2R)	CON	$29,330	2019/20
4	36740	9	14	R4.7 / R12.6	Rosamond-Mojave Rehab / 2R	CON	$73,615	2019/20
5	0U240	6	99	VAR / VAR	Various locations in Kern and Kings Counties	CON	$10,802	2019/20
6	0W160	6	5	5.97 / 9.78	Grapevine Culvert Repair / Upgrade Drainage Systems	CON	$14,214	2019/20
7	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
8	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
9	0Q920	6	99	10.4 / 21.2	Union Ave to White Lane 2R Rehab / Pavement Rehabilitation and Improve Vertical Clearance	CON	$66,740	2019/20
10	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	$12,400	2020/21
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	$10,100	2021/22
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	$16,783	2021/22

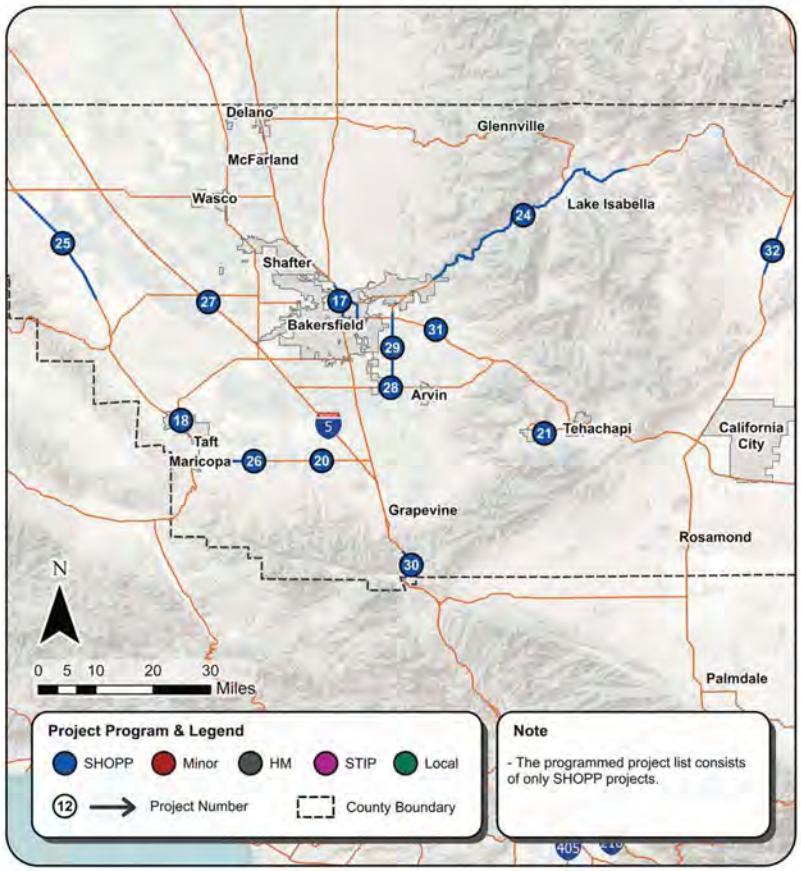


Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
17	0Q281	6	99	23.6 / R28.4	Bakersfield 99 Rehab Replacement Planting / Replacement Planting	ENV	$10,340	2021/22
18	0X760	6	119	0.14 / 0.54	Taft Left Turn Channelization / Left-Turn Channelization	ENV	$5,221	2021/22
19	0T000	6	58	R53.2 / R55.6	KER 58 ADA / Upgrade Curb Ramps	DES / ROW	$4,620	2021/22
20	0S050	6	166	17.3 / 17.7	Calif Aqueduct Bridge Rehab / Bridge Rehabilitation/Seismic Retrofit	ENV	$44,045	2021/22
21	36720	9	202	r4.89 / R4.89	Cummings Valley Rd Int / Construct Left Turn Lane	DES / ROW	$5,044	2021/22
22	0W150	6	204	0.00 / 6.752	SR 204 within City of Bakersfield and TUL SR 65 in Exeter at various locations	DES	$10,728	2021/22
23	0W990	6	204	2.805 / 2.805	Union Avenue High Intensity Activated Crosswalk / Install Hybrid Pedestrian Beacon (Hawk)	DES / ROW	$4,275	2021/22
24	0X080	6	178	8.0 / 50.0	Kern Canyon Culvert Rehab / Repair and Replace Culverts	DES / ROW	$13,000	2021/22
25	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
26	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
27	1A690	6	5	47.55 / 52.15	Buttonwillow Median Barrier / Construct Median Barrier	ENV	$5,720	2022/23
28	0R190	6	223	15.7 / 16.3	Arvin SR 223/184 Roundabout / Intersection Improvement	DES / ROW	$3,700	2022/23
29	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
30	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
31	0X160	6	58	64.40 / 67.30	Edison 2R Rehab / Pavement Rehabilitation (2R)	ENV	$14,270	2022/23
32	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23



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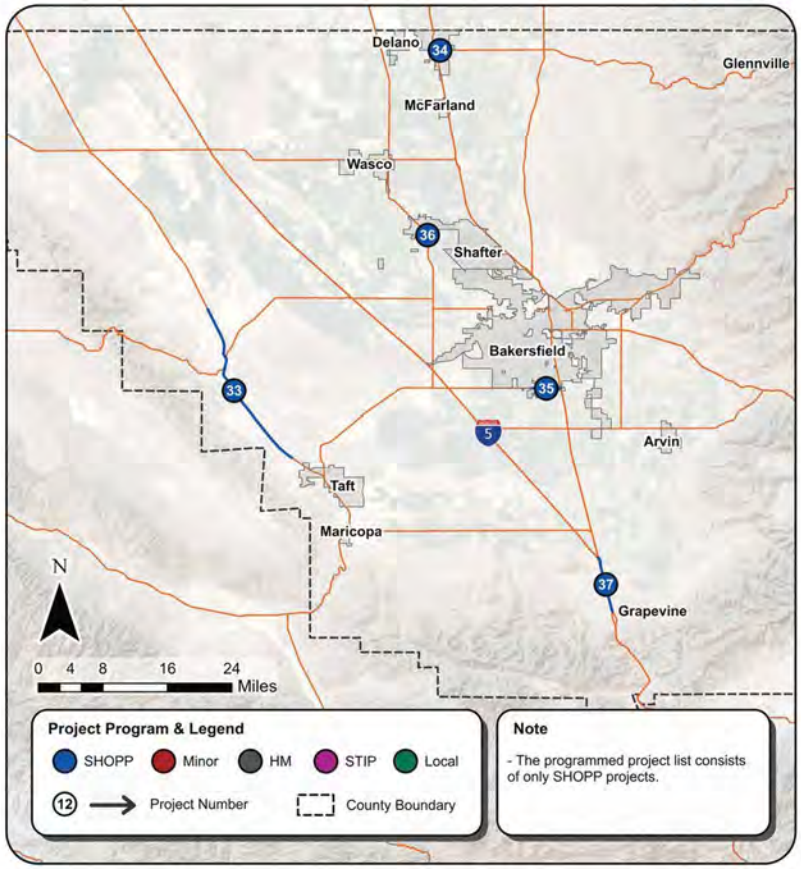
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
33	0X240	6	33	21.8 / 39.8	KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	$11,430	2023/24
34	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
35	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
36	1A470	6	43	15.8 / 15.8	Santa Fe Roundabout / Construct Roundabout	ENV	$13,617	2023/24
37	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24



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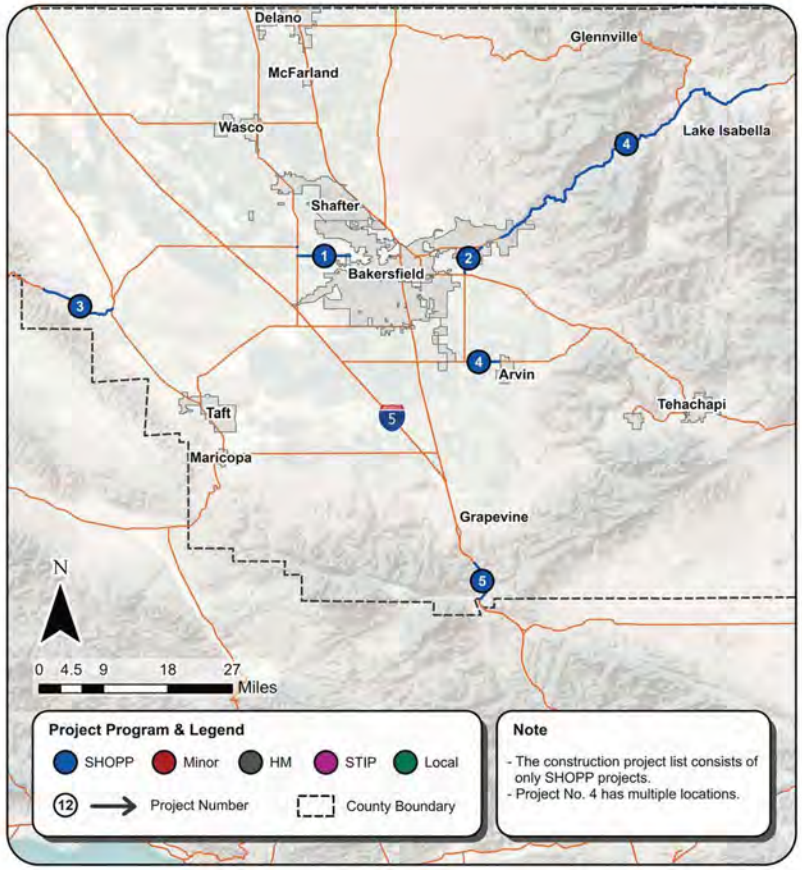
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
CONSTRUCTION READY PROJECT LIST

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
CONSTRUCTION READY PROJECT LIST (READY TO LIST ACHIEVED)								
1	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	CON	$12,400	2020/21
2	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES	$12,140	2020/21
3	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES	$15,970	2020/21
4	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
5	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21



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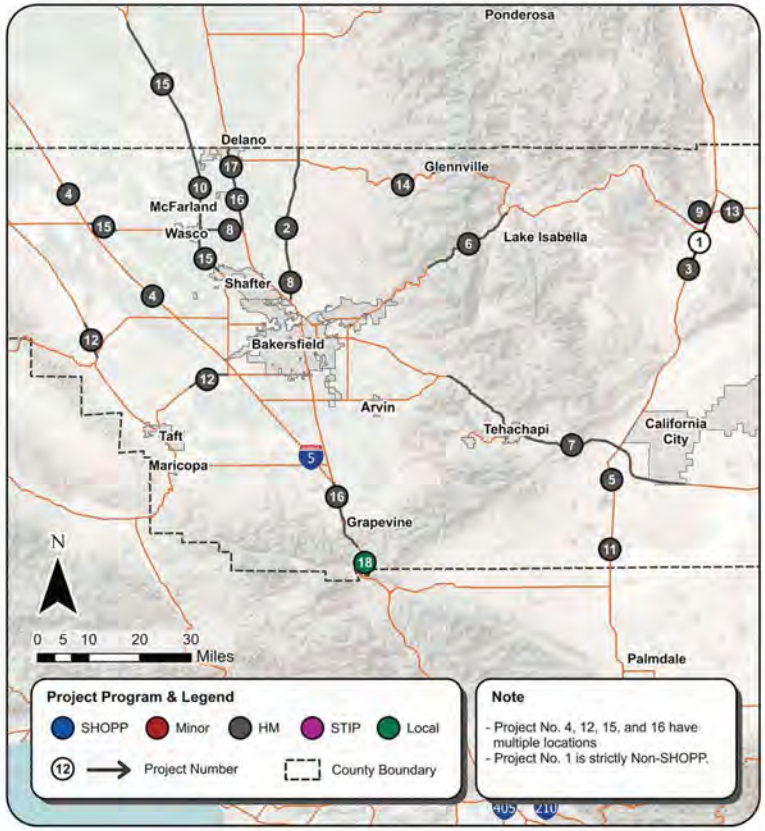
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
1	45712	6	14	53/58.3	Freeman Gulch Widening-Segment 2 / Convert Existing 2-Lane to 4-Lane Expressway	DES / ROW	$85,530	2022/23
2	1B080	6	65	1.0 / 25.169	Striping / 6 inch Stripe	CON	$2,570	2020/21
3	38570	9	14	52.8 / 58.3	Pavement Preservation / AR Chip Seal - SB1	CON	$916	2020/21
4	1A930	6	5	77.0 / 82.6	Rigid Roadbeds / PCC Slab Replacement	CON	$1,075	2020/21
5	38590	9	14	R12.3 / R15.3	Pavement Preservation / Digouts	CON	$1,761	2020/21
6	0Y110	6	178	24.6 / R44.191	Pavement Preservation / PME Medium Chip Seal	CON	$2,525	2020/21
7	38580	9	58	77.252 / R125.3	Pavement Preservation / Digouts	CON	$1,100	2020/21
8	1A950	6	46	51.2 / 57.785	Pavement Preservation / Remove and Replace RHMA Type G	CON	$4,300	2020/21
9	38800	9	14	58.3 / 62.2	Slopes/Vegetation / Slope Repair	CON	$40	2020/21
10	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	$5,425	2020/21
11	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	$32	2020/21
12	1B000	6	33	34.2 / 40.0	Pavement Preservation / PME Medium Chip Seal	CON	$2,425	2020/21
13	38130	9	178	91.88 / 91.88	Maintenance Facilities / Pave portion of yard	CON	$215	2020/21
14	1B020	6	155	35.5 / 37.5	Pavement Preservation / 0.15 HMA Type a w/ Digouts	CON	$2,650	2020/21
15	1A990	6	43	17.3 / R24.0	Pavement Preservation / PME Med Chip Seal	CON	$3,400	2020/21
16	1A900	6	5	4.4 / R15.8R	Rigid Roadbeds / PCC Slab Replacement	CON	$2,950	2020/21
17	1C002	6	99	54.5 / 54.5	Maintenance Facilities / Slurry Seal Delano MF	CON	$224	2020/21
18	0Y550	6	5	0.8/2	Lebec Mountain Village Roundabout / Construct Roundabout at Ramp Intersections	ENV	$402	2023/24



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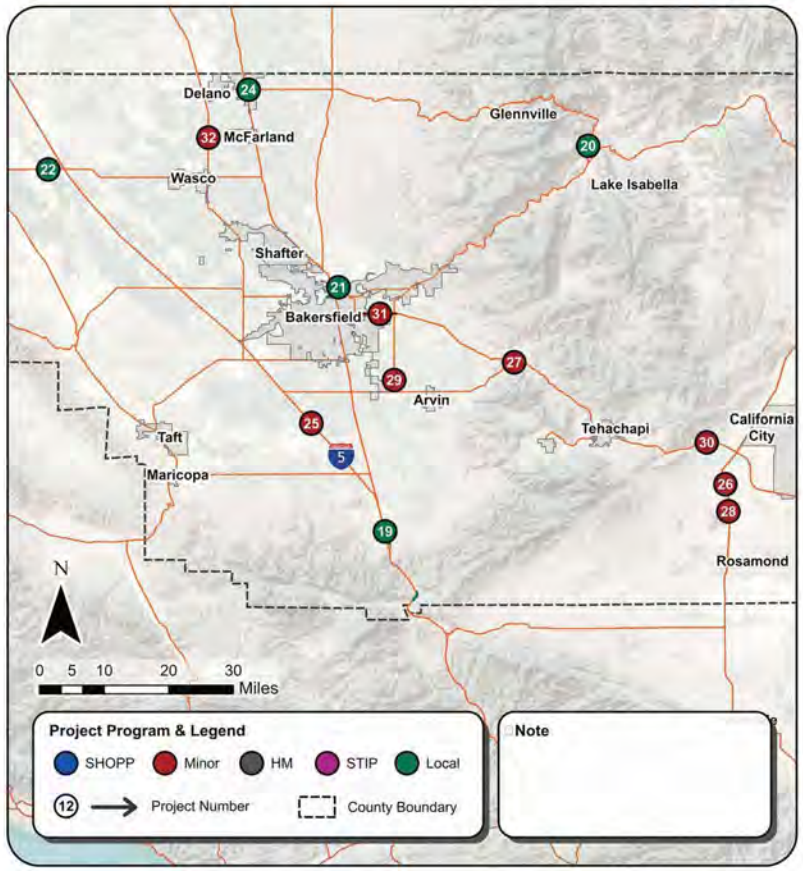
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
19	0R100	6	5	9.5/12	Grapevine Interchange / Relocate Interchange	ENV	$1,200	2025/26
20	0V770	6	155	68.2/R68.6	Usace Lake Isabella Oversight Projects / Realign Roadway	CON	$419	Future
21	48450	6	204	5.9/6.8	Hageman Flyover / Extension and Connection to RTE 204	DES / ROW	$5,658	2021/22
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	$1,300	2020/21
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	$0	2021/22
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	$498	2021/22
25	0T030	6	5	28.17 / 28.17	Mobility - TMS / In Kern, Kings and Fresno Counties, on Route 5 at various locations. Install Vehicle Detection Systems (VDS).	CON	$3,762	2020/21
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	$2,273	2020/21
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	$1,900	2021/22
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	$2,273	2020/21
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	$327	2021/22
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	$382	2020/21
31	0Y940	6	58	R55.47 / R59.67	Pavement / In Kern County, in Bakersfield on Route 58 at various ramps/locations. Remove and replace pavement.	DES	$400	2021/22
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	$250	2021/22



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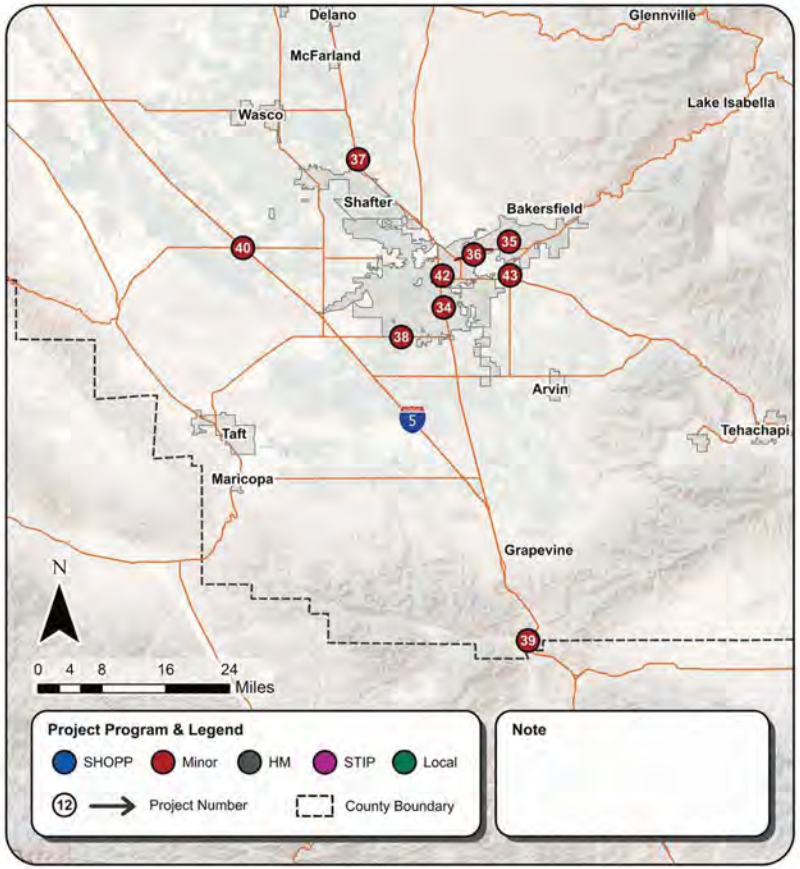
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
33	0S790	6	178	R4.5 / R4.5	Pavement / In Kern County, in Bakersfield at the Mount Vernon Avenue westbound onramp. Remove and replace pavement.	DES	$384	2021/22
34	1A150	6	99	20.6 / 20.6	Major Damage - Protective Betterments / In Kern County, in Bakersfield at Pacheco Road. Upgrade fence.	DES	$163	2021/22
35	1A130	6	178	R4.6 / R5.2	Major Damage - Protective Betterments / In Kern County, in the city of Bakersfield at various locations. Construct fence.	DES	$195	2021/22
36	0Y950	6	178	R1.89 / R5.78	Pavement / In Kern County, in Bakersfield on Route 178 at various ramps/locations. Remove and replace pavement.	DES	$415	2021/22
37	0V130	6	99	R39.1 / R39.1	Pavement / In Kern County, near Bakersfield on Route 99 at Merced Avenue offramp. Remove asphalt pavement and replace with concrete pavement.	DES	$600	2021/22
38	0X920	6	119	26.1 / 26.4	Safety Improvements / In Kern County, at Old River Road. Install safety lighting.	DES	$205	2021/22
39	1B160	6	5	R0.0 / R0.0	Mobility - Operational Improvements / In Fresno, Kern, Kings, Madera and Tulare counties on various routes at various locations. Repair and replace detection loops	DES	$325	2021/22
40	1C240	6	58	31.44 / 31.75	Pavement / In Kern County from 0.01 miles west of Route 5 SB offramp to Tracy Avenue (East). Remove and replace pavement and loops.	CON	$385	2020/21
41	1A420	6	178	R4.6 / R4.6	Major Damage - Protective Betterments /	CON	$134	2020/21
42	0X540	6	178	R2.26 / R2.26	Safety Improvements / In Kings County, at Pickerell Avenue. Install flashing beacon.	DES	$205	2020/21
43	1A860	6	184	8.35 / 8.35	Pavement / In Kern County, near Bakersfield at Edison Road. Remove and replace pavement.	DES	$410	2020/21



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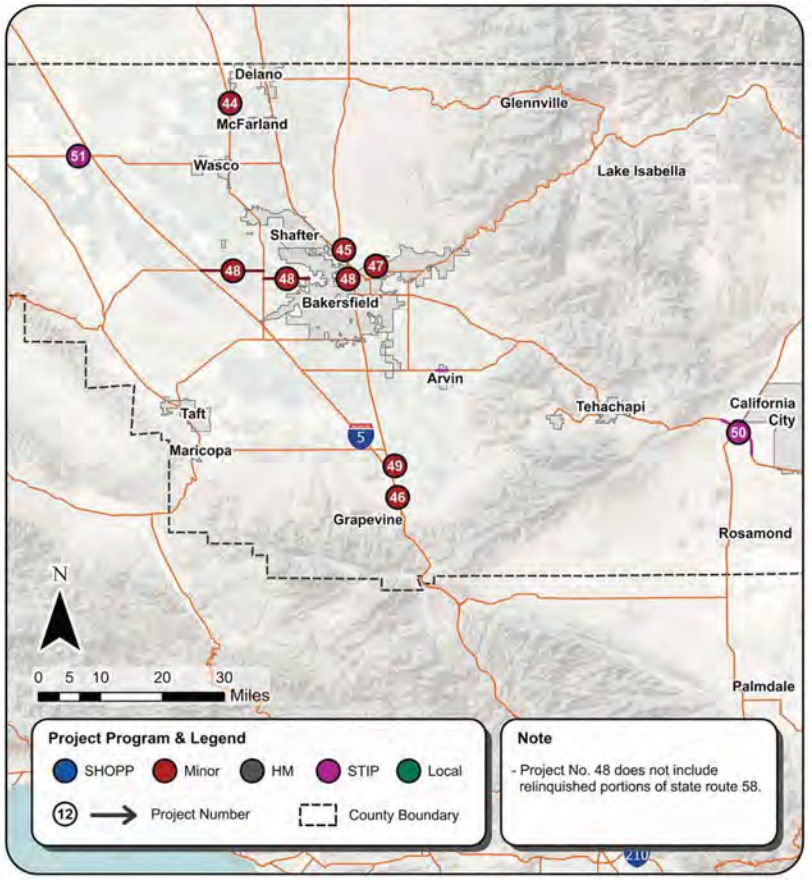
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART IV

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
44	0Y340	6	43	33.2 / 33.5	Safety Improvements / In Kern County, at Pond Road. Install flashing beacon.	DES	$173	2020/21
45	1A550	6	99	26.7 / 26.7	Bridge - Health / In Kern County, on Route 99 at the Calloway Canal Bridge and on Route 119 at the Weed Creek and Broad Creek Bridges. Repair bridges.	DES	$555	2021/22
46	1C030	6	5	11.7 / 12.39	Mobility - WIM Scales & CVEFs / In Kern County from the Grapevine Commercial Vehicle Enforcement Facility to 2.6 miles south of the Route 99 junction. Replace weigh station message sign.	DES	$500	2021/22
47	0Y780	6	99	26.502 / 26.502	Facilities / In Bakersfield, at the old California Highway Patrol (CHP) facility at 4040 Buck Owens Boulevard. Acquire facility to maintain Transportation Management Center (TMC) functions.	DES	$106	2021/22
48	1B150	6	58	31.6 / 51.8	Kern Freeway Signs / Upgrade and Install Freeway Signs	CON	$460	2020/21
49	1C330	6	5	13.54 / 13.8	Pavement / In Kern County at the NB off ramp to Wheeler Ridge. Remove and Replace HMA	DES	$325	2021/22
50	44255	6	46	29.7/31.9	Route 46 Conv/Exwy Segment 4B / 2-Lane Conventional Highway to 4-Lane Expressway Segment 4B	CON	$40,503	2020/21
51	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	$87,010	Future



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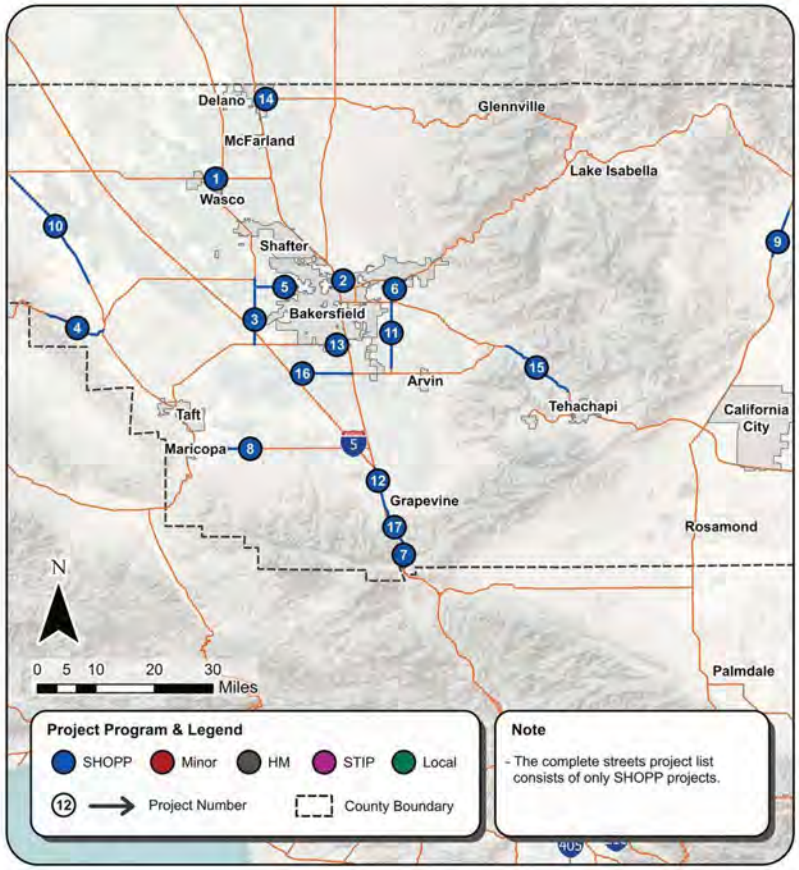
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
	COMPLETE STREETS PROJECT LIST							
1	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
4	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
5	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	Closeout	$12,400	2020/21
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
7	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
8	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
9	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23
10	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
11	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
12	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24
13	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
14	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
15	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	$9,877	2024/25
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25



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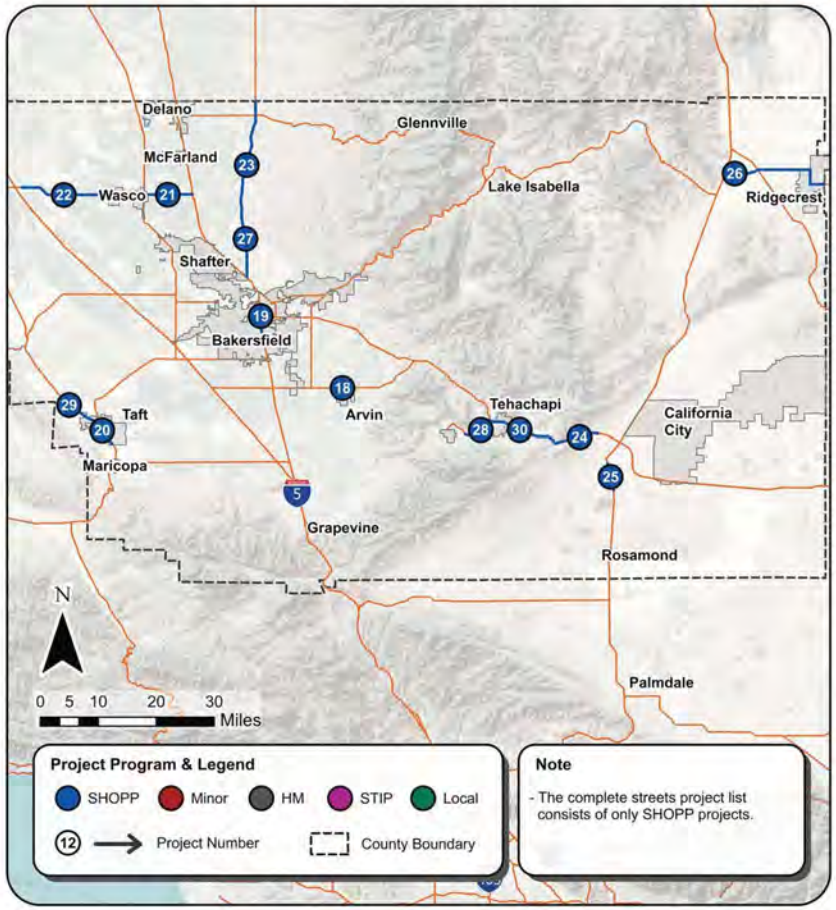
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART II

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
18	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
19	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
20	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
21	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
22	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
23	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
24	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	ENV	$39,623	2026/27
25	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	ENV	$47,558	2026/27
26	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	ENV	$72,355	2027/28
27	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
28	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58	Future	$9,387	2028/29
29	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
30	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29



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Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops

Kern Council of Governments

March 1, 2023

TO: Regional Project Delivery Partners

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

Raquel Pacheco,
Regional Planner

SUBJECT: **SAVE THE DATE - 2024 RTIP KCOG WORKSHOPS**

Please make a note of the dates and time listed below for the Kern COG 2024 RTIP Workshops. Reminder e-mail messages, workshop flyers, and agenda packages will be sent out as each date approaches. Dates will be included in updated TTAC and Board agenda reports.

- Wednesday **April 26, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **June 21, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **August 23, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **September 13, 2023** – 10:00 AM to 11:00 AM – teleconference (tentative)

Topics for presentations and discussions may include but are not limited to the following items:

April Workshop
- STIP 101, latest guidelines and KCOG policy
- Current funding needs of projects in the STIP and those that were delayed
- Status of partnership projects in Eastern Kern MOU with Inyo, Mono & Caltrans
- Discussion on need for future call for projects

June Workshop
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Options for administrative draft 2024 RTIP Capital Improvement Program

August Workshop
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

September Workshop (tentative)
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

Kern Council of Governments
1401 19th Street, Suite 300, Bakersfield, California 93301 (661) 861-2191 Facsimile (661) 324-8215 TTY (661) 832-7433 www.kerncog.org

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non - 60/40	Metro	%	Non-Metro	%
1998 RTIP Augmentation	$6,177,000		$3,706,200	60%	$2,470,800	40%
Cecil Ave; Albany St-Browning Rd	$5,646,000				$531,000	
7th Standard; Rte 99-Santa Fe Exp.	$5,070,000				$576,000	
Wheeler Ridge Rd;Le Gray Rd-Rte 223	$3,970,000				$1,100,000	
Rte 14; old Rte 58-Phillips Rd	$3,550,000				$420,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$3,185,000				$365,000	
Rte 46; Wasco Rte 43 N.-Jumper Ave	$2,185,000				$1,000,000	
Rte 58; in Tehachapi at Dennison Rd	$1,685,000				$500,000	
Rte 119; in Taft, Cherry-Tupman	$868,000				$817,000	
Rte 184; Rte 223-Panama Lane	$254,000				$614,000	
Rte 395; Inyo Co.-Olancha/Cartago	$139,000				$115,000	
1998 Balance	$139,000*[b]		$0	0%	$6,038,000	98%
2000 RTIP Committed Programming*[c]	$7,426,000		$4,455,600	60%	$2,970,400	40%
Rte 14; old Rte 58-Phillips Rd	$2,000,000				$5,426,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$1,000,000				$1,000,000	
Rte 46; Keck's Road to I-5 *[a]	$0				$1,000,000	
2000 Balance			$0	0%	$7,426,000	100%
2002 RTIP Committed Programming*[c]	$37,008,000		$8,766,000	60%	$5,844,000	40%
STIP PPM	$36,510,000	$498,000				
Westside Parkway*[d]	$14,610,000	$21,900,000				
Rte 14; near Rte 178	$13,086,000				$1,524,000	
Rte 46; Keck's Road to I-5*[a]	$8,631,000				$4,455,000	
Rte 46; Rte43 N.-Jumper Ave	$8,221,000				$410,000	
Rte 58; in Tehachapi at Dennison Rd	$7,186,000				$1,035,000	
Rte 99; White Lane Soundwall	$6,436,000		$750,000			
Rte 119; in Taft, Cherry-Tupman	$5,436,000				$1,000,000	
Rte 184; Weedpatch Hwy	$4,096,000				$1,340,000	
Rte 395; China Lake Blvd to Rte178	$3,296,000				$800,000	
Rte 395; Mono Co.- Highpoint Curve	$3,165,000				$131,000	
Rte 395; I-15 to Rte 58	$1,165,000				$2,000,000	
West Ridgecrest Blvd	$165,000				$1,000,000	
7th Standard Road (East) - Wings Way	$0		$165,000			
2002 Balance			$915,000	6%	$13,695,000	94%
2004 RTIP Committed Programming*[c]	$72,132,000		$24,643,800	60%	$16,429,200	40%
STIP PPM	$71,773,000	$359,000				
Westside Parkway*[d]	$41,073,000	$30,700,000				
Rte 14; old Rte 58-Phillips Rd	$22,960,000				$18,113,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$22,160,000				$800,000	
Rte 46; Rte43 N.-Jumper Ave	$21,500,000				$660,000	
Rte 119; in Taft, Cherry-Tupman	$21,000,000				$500,000	
Rte 178; at Fairfax Rd	$6,000,000		$15,000,000			
7th Standard Road Interchange	$3,500,000		$2,500,000			
7th Standard Road (East) - Wings Way	$1,000,000		$2,500,000			
7th Standard Road (West) - Shafter	$0				$1,000,000	
2004 Balance			$20,000,000	49%	$21,073,000	51%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2006 RTIP - Respreading Budget*[c]	$13,014,000		$7,733,400	60%	$5,155,600	40%
STIP PPM	$12,889,000	$125,000				
Rte 58; in Tehachapi at Dennison Rd	$11,720,000				$1,169,000	
Rte 395; China Lake Blvd to Rte178	$11,280,000				$440,000	
Rte 395; Inyo Co.-Indep. Mitigation	$11,200,000				$80,000	
7th Standard Road (West) - Shafter	$0				$11,200,000	
2006 Balance			$0	0%	$12,889,000	100%
2006 RTIP Augmentation	$20,592,000		$1,843,200	60%	$1,228,800	40%
STIP PPM	$19,772,000	$820,000				
Westside Parkway*[d]	$3,072,000	$16,700,000				
Rte 46; Keck's Road to Rte 33*[a]	$2,622,000				$450,000	
Rte 395; Inyo Co.-Independence	$687,000				$1,935,000	
Rte 395; Inyo Co.-Olancha/Cartago	$0				$687,000	
2006 Augmentation Balance			$0	0%	$3,072,000	100%
2008 RTIP Committed Programming	$164,761,000		$61,756,800	60%	$41,171,200	40%
STIP PPM	$161,598,000	$3,163,000				
Westside Parkway*[d]	$28,398,000	$58,670,000	$74,530,000			
Rte 46; SLO Co. line-Keck's Corner *[a]	$27,098,000				$1,300,000	
Rte 46; Keck's Road to Rte 33*[a]	$0				$27,098,000	
2008 Balance			$74,530,000	72%	$28,398,000	28%
2010 RTIP Committed Programming	$54,477,000		$31,620,000	60%	$21,080,000	40%
STIP PPM	$52,700,000	$1,777,000				
Westside Parkway	$2,700,000		$50,000,000			
SR 99: South	$0		$2,700,000			
2010 Balance			$52,700,000	100%	$0	0%
2012 RTIP Committed Programming	$16,318,000		$9,232,800	60%	$6,155,200	40%
STIP PPM	$15,388,000	$930,000				
Rte 14; near Rte 178	$9,868,000				$5,520,000	
Rte 395; Inyo Co. Olancha/Cartago	$7,700,000				$2,168,000	
West Ridgecrest Blvd	$1,500,000				$6,200,000	
Challenger Drive Ext.	$0				$1,500,000	
2012 Balance			$0	0%	$15,388,000	100%
2014 RTIP Committed Programming	$5,803,000		$3,123,000	60%	$2,082,000	40%
STIP PPM	$5,205,000	$598,000				
Rte 119; Truck Climbing Lane	$0				$5,205,000	
2014 Balance			$0	0%	$5,205,000	100%
2016 RTIP Respreading Budget*[c]	$38,398,000		$22,560,600	60%	$15,040,400	40%
STIP PPM	$37,601,000	$797,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$33,501,000				$4,100,000	
Rte 58; Westside Parkway Connector	$500,000		$33,001,000			
Rte 395; Inyo Co. Olancha/Cartago Arch.	$0				$500,000	
2016 Balance			$33,001,000	87%	$4,600,000	12%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2018 RTIP Committed Programming	$38,820,000		$22,842,000	60%	$15,228,000	40%
STIP PPM	$38,070,000	$750,000				
Rte 14 Freeman Gulch-Segment 2	$36,110,000				$1,960,000	
Rte 46; Brown Mat.-e/o Lost Hills Rd; 4B*[a]	$33,710,000				$2,400,000	
Rte 58; WS Pkwy Conn Mainline Ph1	$3,500,000		$30,210,000			
Rte 132 Expressway, Phase 1	$0				$3,500,000	
2018 Balance			$30,210,000	79%	$7,860,000	21%
2020 RTIP Cycle Committed Programming	$19,095,000		$11,007,000	60%	$7,338,000	40%
STIP PPM	$18,345,000	$750,000				
Rte 46; CA Aque. Br-e/o Lost Hills Rd; 4B*[a]	$14,745,000				$3,600,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$9,295,000				$5,450,000	
Rte 395; Inyo Co. Olancha/Cartago	$0				$9,295,000	
2020 Balance			$0	0%	$18,345,000	100%
2022 RTIP Cycle	$38,053,000		$22,057,200	60%	$14,704,800	40%
STIP PPM	$36,762,000	$1,291,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$32,638,000				$4,124,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$24,093,000				$8,545,000	
Rte 58/99 Centennial Loop Connector	$0		$24,093,000			
2022 Balance			$24,093,000	66%	$12,669,000	34%
End Balance*[e]			$235,449,000	60%	$156,658,000	40%
			$235,264,200	60%	$156,842,800	40%
			$184,800		-$184,800	

Notes:

*[a] As per $45 million total commitment.

*[b] Carryover included in the next RTIP fund estimate because no project was ready to utilize for any phase of development.

*[c] The 2006 RTIP and 2016 RTIP do not offer any new programming dollars instead existing unallocated programming from previous RTIP cycles has been respread.

*[d] $145 million of 1998 RTIP funds were dedicated to the former Kern River Freeway in the Metro area at the beginning of SB45 and before the 60/40 policy adoption. The "End Balance" is calculated without the $145 million.

*[e] "End Balance" analysis consists of the sum of committed programming. Kern COG staff was careful not to double count any commitments. Please bring any corrections to the attention of Kern COG staff.

Attachment E: 2024 RTIP Capital Improvement Program – Baseline

KERN COUNCIL OF GOVERNMENTS - 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - BASELINE CAPITAL IMPROVEMENT PROGRAM ($ X 1,000)

PROJECT DESCRIPTION	NOTES	PRIORITY	CURRENT AND PROPOSED PHASES				PROJECT TOTAL	KCOG ALL RIP TOTAL	SUMMARY OF ALL FUNDING SOURCES				KCOG RTIP CAPITAL IMPROVEMENT PROGRAM - RIP ONLY							
			ENV	DES	ROW	CON			IIP	KCOG SHARE RIP	OTHER	TOTAL	PRIOR YEAR	2022 STIP CARRYOVER			NEW 2024 RTIP			2024 RTIP
														2024-25	2025-26	2026-27	2027-28	2028-29	MAX SHARE	APDE
PLANNING, PROGRAMMING & MONITORING							$ 1,591	$ 1,591	$ -	$ 1,591	$ -	$ 1,591		$ 591	$ 500	$ 500	$ -	$ -		$ -
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - PROPOSED CAPITAL IMPROVEMENT PROGRAM																				
SR 58/99 – CENTENNIAL CORRIDOR CONNECTOR - EB SR 58 to NB SR 99	*1*	1	•				$ 26,093	$ 24,093	$ -	$ 24,093	$ 2,000	$ 26,093	$ -	$ -	$ 24,093	$ -	$ -	$ -	$ -	$ -
SR 58 CENTENNIAL CORRIDOR MAINLINE **AB 3090 ALLOCATIONS**	*2*	1	•	•	•	•	$ 63,211	$ 63,211	$ -	$ 63,211	$ -	$ 63,211	$ 63,211	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4B	*3*	2	•	•	•	•	$ 40,503	$ 6,000	$ -	$ 6,000	$ 34,503	$ 40,503	$ 6,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4C	*4*	2	•	•	•	•	$ 38,050	$ 13,995	$ -	$ 13,995	$ 24,055	$ 38,050	$ 13,995	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 204 / HAGEMAN FLYOVER	*5*	B	•	•	•	•	$ 63,723	$ 2,686	$ -	$ 2,686	$ 61,037	$ 63,723	$ 2,686	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 58 TRUCK CLIMBING LANES	*6*	B	•				$ 3,200	$ 2,272	$ -	$ 2,272	$ 928	$ 3,200	$ 2,272	$ -	$ -	$ -	$ -	$ -	$ -	$ -
APDE PROJECTS (ADVANCE PROJECT DEVELOPMENT ELEMENT)																				
NO APDE PROJECTS IDENTIFIED	7						$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL FOR 2024 RTIP SUBMITTAL							**$ 236,371**	**$ 113,848**	$ -	**$ 113,848**	**$ 122,523**	**$ 236,371**	$ 88,164	$ 591	$ 24,593	$ 500	$ -	$ -	$ -	$ -

NOTE 1: SR 58/99 CENTENNIAL CORRIDOR LOOP WAS ADDED AS PART OF 2022 STIP AMENDMENT.

NOTE 2: THE AB 3090 ALLOCATION PAYMENTS WERE APPROVED BY THE CTC ON OCTOBER 17, 2019. ALL ALLOCATIONS HAVE BEEN RECEIVED. THIS PROJECT IS UNDER CONSTRUCTION.

NOTE 3: SR 46 WIDENING SEGMENT 4B IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 4: SR 46 WIDENING SEGMENT 4C IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 5: SR 204 / HAGEMAN FLYOVER WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.686 MILLION) AND NON-STIP ($2.565 MILLION) COVID FUNDING. TOTAL COVID $5.251 MILLION.

NOTE 6: SR 58 TRUCK CLIMBING LANES WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.272 MILLION) AND NON-STIP ($928,000) COVID FUNDING. TOTAL COVID $3.2 MILLION.

NOTE 7: APDE OPTIONS ARE OUTLINED IN STIP GUIDELINES AND DEPENDENT ON OUTER YEAR CAPACITY. PROPOSED APDE ACTIVITY IS CONSIDERED AN ADVANCE OF FUTURE RIP SHARES.

Kern Council of Governments

VII.
TTAC

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VII.
INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM

DESCRIPTION:

This is the annual project status report.

DISCUSSION:

Background
The ITS Plan for the Kern Region was approved by the Kern COG Board on June 21, 2018 and Federally acknowledged on July 9, 2018. The ITS Plan serves as a planning roadmap for ITS strategies and projects to be implemented in the region. This Plan provides guidance to stakeholders on the planning, development, and funding of ITS projects. The contents of this document include project and strategy prioritization and phasing, and then makes recommendations for the use and maintenance of the Regional ITS Architecture to ensure that the projects and strategies from the Plan are implemented.

The 2018 ITS Plan for the Kern Region is posted on the Kern COG website at:
https://www.kerncog.org/wp-content/uploads/2018/06/Final-Del-12-2018-ITS-Plan-for-the-Kern-Region.pdf.

Monitoring Program
Section 12.4 of the ITS Plan reads: Annually, a listing of the projects recommended in the ITS Plan will be produced and a project status update will be requested. A status report would be provided to the Transportation Technical Advisory Committee and Kern COG Board.

Updates to Table 12-1 Kern Region Prioritized Project List were due May 19th. No updates were received.

ACTION: Information.

Kern Council of Governments

VIII. TTAC

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner
Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VIII.
PROJECT ACCOUNTABILITY TEAM REPORT

DESCRIPTION:

Kern COG staff to provide the latest updates.

DISCUSSION:

The Project Accountability Team meetings are held quarterly as needed to discuss project implementation issues and to develop solutions. Participants review project status information for projects in the Federal Transportation Improvement Program (FTIP). Since no meeting has been held recently, this report is meant to provide the latest updates.

1. Transportation Development Act (TDA) Article 3 invoices should be submitted to Bob Snoddy at bsnoddy@kerncog.org. Please see project list attached.

2. Congestion Mitigation Air Quality (CMAQ) Program and Regional Surface Transportation Program (RSTP) applications are due by 5:00 PM on July 17, 2023. Remember to schedule time for approval of the resolutions of local support. A resolution where a commitment is made to fund and implement projects as described in application is required with the submittal of application.

3. Score Card – 79% of projects have approved funding authorization; 1% is awaiting funding authorization; 20% has not been submitted for funding authorization (two Active Transportation Program projects totaling $6,373,000 requested CTC time extensions).

4. The FY 23/24 Active Transportation Program (ATP), Congestion Mitigation Air Quality Program (CMAQ), Regional Surface Transportation Program (RSTP) project list is provided to remind agencies to deliver early.

Attachments: May 17, 2023 TDA Article 3 project list
May 18, 2023 FY 22/23 Score Card
May 18, 2023 FY 22/23 ATP/CMAQ/RSTP project list
May 18, 2023 FY 23/24 ATP/CMAQ/RSTP project list

ACTION: Information.

1) Transportation Development Act Article 3 Program - Un-invoiced Projects Before FY 2021-22

Project Status

Status Code: 1=Not Started 2=Under Construction 3=Completed

Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield	9/19/2019	MO#19-03	Pedestrian Countdown Counters	$ 5,810	3	Waiting for invoice
Bakersfield total				**$ 5,810**		
Kern County	9/19/2019	MO-19-03	Lake Ming/KR Golf Course Extension (I of III)	$ -	3	Invoiced 3/24/2023
Kern County total				**$ -**		
McFarland	9/15/2016	MO#16-05	Bicycle Safety	$ 2,000	3	Partial billing of $904.30 on July 27, 2018
McFarland	9/19/2019	MO#19-03	Bike Parking	$ 3,000	1	Mar-23
McFarland	9/19/2019	MO#19-03	Bike Safety Program	$ 2,000	1	Dec-22
McFarland	9/19/2019	MO#19-03	West Kern Ave and 6th Street Curbs (I of II)	$ -	3	Completed July 8, 2022
McFarland total				**$ 7,000**		
Taft	9/19/2019	MO#19-03	South 4th Street Pedestrian Improvements (I of II)	$ -	3	Project will be completed by June 2022
Taft total				**$ -**		
Current outstanding TDA Article 3 projects un-invoiced				**$ 12,810**		

2) Transportation Development Act Article 3 Program - Funded and Un-Funded Projects FY 2021-22						
Project Status						
Status Code: 1=Not Started 2=Under Construction 3=Completed						
Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield	7/15/2021	MO#21-07	Bike Parking	$ 3,000	1	
1st Priority Projects	**Total**			**$ 3,000**		
Bakersfield/Kern County	7/15/2021	MO#21-5	Addition of a Class 1 bike path along County Dump Rd. between Fairfax Rd. and Paladan Dr. Kern County will be a sub applicant	$ 267,000	1	Project estimated to be comp. June 2023
2nd Priority				**$ 267,000**		
Total Funded Projects				**$ 270,000**		
McFarland	7/15/2021	MO#21-01	Remove and replace non-ADA compliant curb ramps on Ebell St. Mast Ave. to Woodruff Ave. & 6th St. and California Ave.	$ 156,158	1	Est. June 2023
Tehachapi	7/15/2021	MO#21-02	Complete pedestrian facilities on both sides of Brentwood Dr. between Cury St. and Oakwood St. with a new ADA compliant sidewalk, curb, and gutter	$ 284,750	1	Should be completed Spring 2023
Taft	7/15/2021	MO#21-03	Construct new curb and gutter, sidewalk, ADA compliant ramps, drive approaches and related pedestrian improvement on west side of 4th St. from Supply Row to Main St.	$ 169,080	3	Should receive invoice in May 2023
Wasco	7/15/2021	MO#21-04	Remove existing non-ADA compliant ramps and replace with ADA compliant curb and ramps on D St. Blvd. between Filburn and Stephen Court east side and on Filburn St. between Gaston St. amd D St. north side	$ 156,831	1	Should be completed July 2023
California City	7/15/2021	MO#21-05	Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.	$ 170,538	1	Should be completed November 2023
3rd Priority Projects (Unfunded)				**$ 937,357**		
TDA Article 3 projects funded and unfunded				**$ 1,207,357**		

May 18, 2023

TO: TTAC Members and Project Managers

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

RE: Project Delivery Score Card

Federal Transportation Improvement Program

		Federal/State $ in FY 22/23		
FY 2022-23	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	5	$140,000	$10,889,000	
CMAQ	14	$1,273,289	$9,960,380	
RSTP	13	$198,367	$11,882,657	
Totals	32	$1,611,656	$32,732,037	100%

1. Not Submitted	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	2	$0	$6,373,000	
CMAQ	1	$0	$529,409	
RSTP	0	$0	$0	
Total	3	$0	$6,902,409	20%

2. Submitted	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	1	$0	$210,000	
CMAQ	0	$0	$0	
RSTP	0	$0	$0	
Total	1	$0	$210,000	1%

3. State/Federal Approvals	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	2	$140,000	$4,306,000	
CMAQ	13	$1,273,289	$9,430,971	
RSTP	13	$198,367	$11,882,657	
Total	28	$1,611,656	$25,619,628	79%

Legend:
ATP – Active Transportation Program;
CMAQ – Congestion Mitigation Air Quality Program;
RSTP/HIP – Regional Surface Transportation Program/Highway Infrastructure Program

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403	STPL-5109(278)	Stockdale Hwy from Gosford Rd to New Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,169,000	$5,838,699	done	3
Bakersfield	KER180507		Mt Vernon Ave from Bernard St to Panorama Dr; installation of adaptive signal coordination	$0	$529,409	$598,000	May 2023	1
Bakersfield	KER211002	Cycle 5 MPO	Chester Avenue between 4th Street and Brundage Lane; construction of center medians, continental crosswalks, and bike lanes with additional pavement markings (CTC approved time extension to 6/30/2023)	$0	$210,000	$791,000	April for June CTC	2a
Bakersfield	KER191004	Cycle 4 MPO ATPCML-5109(272)	Bounded by 7th Standard Rd, Kern River Parkway and approx 6 miles Friant Kern Canal; construct Class I multi-use path (CTC approved time extension to 2/29/2024)	$0	$4,306,000	$8,200,000	done	3
Cal. City	KER180403	STPL-5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$58,922	$0	$66,557	done	3
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$0	$10,000	N/A	N/A
Delano	KER180403	STPL-5227(070)	20th Ave from Girard St to Norwalk St and Norwalk St from County Line Rd to 14th Ave; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	done	3
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$140,000	$0	$140,000	done	3
KCOG	KER220401	STPLNI-6087(077)	In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	done	3
KCOG	KER220501	CMLNI-6087(067)	In Kern County: CommuteKern Rideshare Program	$0	$240,187	$271,306	done	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

May 18, 2023

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180403	STPL-5950(513)	Kern County: Edison Rd from Di Giorgio Rd to Mountain View Rd; 2 miles of road rehabilitation	$0	$2,100,000	$2,372,077	done	3
Kern Co.	KER180403	STPL-5950(513)	Kern County: Edison Rd from Mountain View Rd to Hermosa Rd; 2 miles of road rehabilitation	$0	$2,100,000	$2,372,077	done	3
Kern Co.	KER180403	STPL-5961(019)	Kern County: Rosamond Blvd from Stevenson St to SR 14; 1.35 miles of road rehabilitation	$0	$1,197,980	$1,513,611	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Bakersfield): Various areas in Metro Bakersfield; Traffic Signal Coordination (Interconnect)	$0	$1,353,004	$1,528,300	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Oildale): Within and around the community of Oildale; Traffic Signal Coordination (Interconnect)	$0	$1,055,189	$1,191,900	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Lake Isabella, Rosamond, Wheeler Ridge): Traffic Signal Coordination (Interconnect)	$0	$598,197	$675,700	done	3
Kern Co.	KER180507	CML-5950(510)	Kern County (Metro Bakersfield): Intersection of Allen Rd and Jomani Dr; Construct a traffic signal and ancillary facilities	$0	$536,725	$606,263	done	3
Kern Co.	KER180507	CML-5950(505)	Kern County (Metro Bakersfield): Intersection of Cottonwood Rd and Cheatham Ave; Construct a traffic signal and ancillary facilities	$0	$567,807	$641,372	done	3
Kern Co.	KER180507	CML-5950(511)	Kern County (Bakersfield): Rosedale Highway between SR-43 and Heath Road; Surface 4 miles of dirt shoulders	$0	$2,875,285	$3,247,809	done	3
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$421,690	$0	$476,324	done	3
Kern Co.	KER180507	CML-5961(017)	Kern County (Tehachapi): Backes Ln (Highline Rd - Schout Rd), Schout Rd (Backes Ln - Woodford Tehachapi Rd), Woodford Tehachapi Rd (Schout Rd - SR 202); pave shoulder and bike lane	$0	$1,832,751	$2,070,203	done	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$572,929	$0	$647,158	done	3
Kern Co.	KER191003	Cycle 4 Statewide	In Lake Isabella: Walk Isabella - Lake Isabella Blvd and Erskine Creek Rd; pedestrian and cyclist safety and accessbility improvements	$0	$4,286,000	$4,841,000	April for June CTC - request time extension	1
McFarland	KER220403	STPL-5343(020)	Intersection of W. Perkins and 3rd St; improve safer commute and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$49,399	$0	$55,800	done	3
Ridgecrest	KER180403		W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$0	$85,219	N/A	N/A
Shafter	KER220404	STPL-5281(034)	7th Standard Rd from Friant Kern Canal to Zachary Ave; pavement reconstruction	$0	$538,000	$775,000	done	3
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$0	$44,900	N/A	N/A
Taft	KER220503	CML-5193(045)	550 Supply Rd; Install charging infrastructure and solar microgrid	$229,514	$0	$259,250	done	3
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$21,250	$0	$24,003	done	3
Tehachapi	KER200505	CML-5184(038)	Pinon Street from Brandon Lane east to Dennison Road; pave an unpaved street and install class II bike lane	$0	$371,826	$420,001	done	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Tehachapi	KER211005	Cycle 5 MPO	SRTS Dennison Road Bicycle / Pedestrian Corridor Improvement project (CTC approved time extension to 2/28/2025)	$0	$2,087,000	$2,087,000	March for May CTC - request time extension	1
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$68,796	$0	$77,710	done	3
Wasco	KER180507	CML-5287(062)	Wasco: Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$49,156	$0	$55,525	done	3
Wasco	KER180507	CML-5287(058)	N. Palm Ave. between Margalo St. and Gromer Ave; pave shoulders, construct bicycle and pedestrian facilities	$0	$350,671	$396,105	done	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403		Panama Ln from Gosford Rd to Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,167,000	$5,836,440		1
Bakersfield	KER180507		White Ln from Wible Rd to Buena Vista Rd; installation of adaptive signal coordination	$0	$775,080	$875,500	Jan 2024	1
Bakersfield	KER180507		Stockdale Hwy from Renfro Rd to Coffee Rd; installation of adaptive signal coordination	$0	$336,768	$380,400	Jan 2024	1
Bakersfield	KER180507		H St from White Ln to Panama Ln, Panama Ln from Akers Rd to Parsons Wy; installation of adaptive signal coordination	$0	$509,048	$575,001	Jan 2024	1
Cal. City	KER180403	STPL-5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$0	$313,078	$541,389	Jan 2024	1
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$846,966	$956,700	Jan 2024	1
Delano	KER180403		Randolph St from Cecil Ave to 9th Ave and High St from Cecil Ave to Garces Hwy; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	Jan 2024	1
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$0	$1,024,000	$1,038,000		1
Delano	KER211003	Cycle 5 MPO	ATP-5 Bike Lane and Sidewalk Gap Improvement Project	$120,000	$791,000	$925,000		3, 1
KCOG	KER220401		In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	Jan 2024	1
KCOG	KER220501		In Kern County: CommuteKern Rideshare Program	$0	$256,470	$289,699	Jan 2024	1
Kern Co.	KER180403		Kern County: Buena Vista Rd from South Fairfax Rd to Main St; 1 mile of road rehabilitation	$0	$1,600,000	$1,807,297		1
Kern Co.	KER220402		Kern County: Buena Vista Blvd from South Vineland Rd to South Edison Rd; reconstruct 1 mile of road by recompacting the subgrade and installing new road base	$0	$1,600,000	$1,807,297		1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$0	$965,910	$1,090,054		1
Kern Co.	KER180507		Kern County (Metro Bakersfield): Intersection of Snow Rd and Quail Creek Rd; Construct a traffic signal and ancillary facilities	$0	$626,174	$707,302		1
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$0	$3,061,415	$3,458,054		1
McFarland	KER220403	STPL-5343(020)	Intersection of W. Perkins and 3rd St; improve safer commute and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$0	$346,601	$391,507		1
Ridgecrest	KER180403		W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$1,088,192	$1,339,139		1
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$252,000	$531,650		1
Taft	KER220503	CML-5193(045)	550 Supply Rd; Install charging infrastructure and solar microgrid	$0	$2,726,626	$3,079,890		1
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$0	$314,746	$355,525		2
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$0	$691,204	$780,757		1
Wasco	KER180507	CML-5287(062)	Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$0	$308,994	$349,028		1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Kern Council of Governments

IX.
TTAC

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rob Ball, Planning Director
Ed Flickinger, Regional Planner III

SUBJECT: TTAC AGENDA ITEM: IX.
BIENNIAL LOCAL STREETS AND ROADS SURVEY – MAY 2023

DESCRIPTION:

A 2022 statewide biennial local streets and roads survey report was completed to help direct road maintenance funding to local jurisdictions.

DISCUSSION

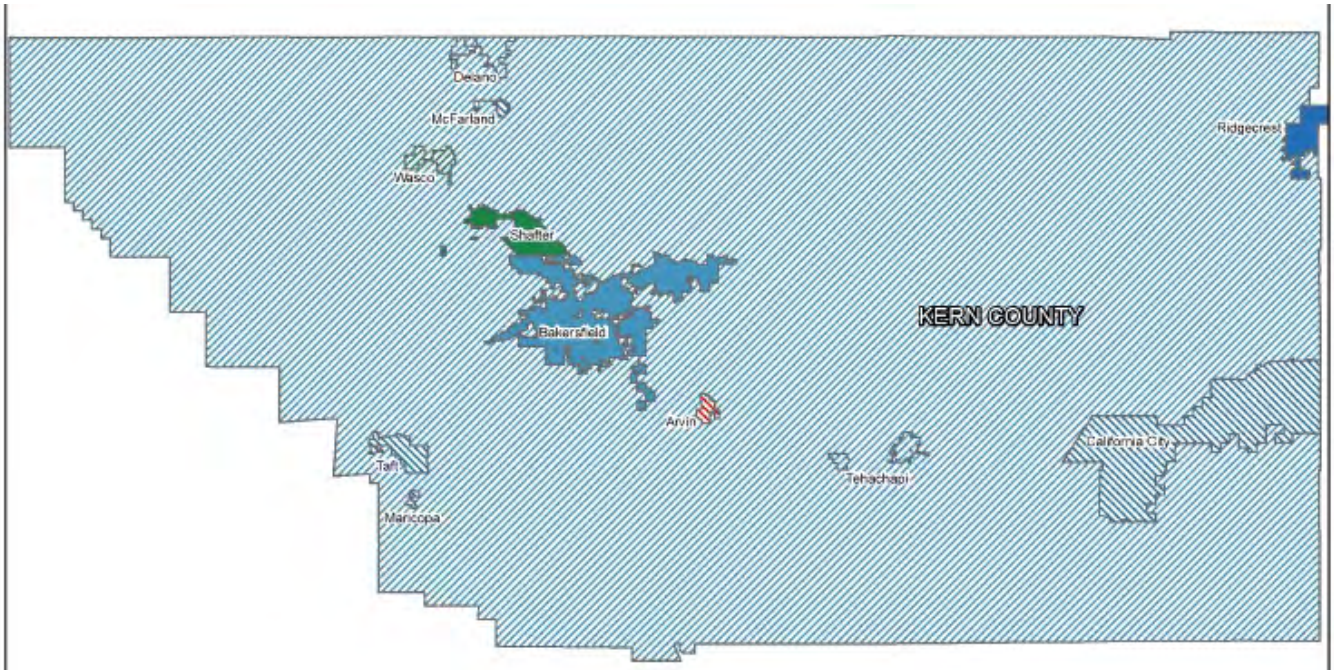
Since 2008 the biennial Statewide Local Streets and Roads survey has been sent out by the Save California Streets Coalition. Save California Streets is comprised of several organizations including the California League of Cities. More information can be found on http://www.savecaliforniastreets.org along with the 2022 report and previous reports. The survey was sent by email from a consultant to public works personnel. Some of the information requested was:

- Pavement condition data
- Safety, traffic & regulatory data (e.g. storm drains, ramps etc.)
- Funding/expenditure projections

The results of the survey may affect SB1 road maintenance funding for your community. The survey shows (see the below table and map) a decline in Pavement Condition Index (PCI) from 2020 from 65 to 63 in the 2022 survey. Ridgecrest, Shafter, and Bakersfield responded to the survey from Kern County. The consultant incorporated some historical responses from 2016 to 2020 past surveys to provide 84% of the total area data. To get more accurate data in the future, full participation is needed.

Table 2.4 Summary of PCI Data by County (includes Cities) for 2008–2022

County (Cities Included)	Centerline Miles	Lane Miles	Area (sy)	Average Weighted PCI*							
				2008	2010	2012	2014	2016	2018	2020	2022
Alameda	3,596	8,150	73,382,886	66	67	68	66	68	68	68	67
Alpine	151	302	2,139,517	40	45	45	44	44	41	58	58
Amador	477	945	3,598,703	31	34	33	33	56	51	51	50
Butte	1,816	3,644	28,691,159	70	67	65	66	65	60	60	55
Calaveras	831	1,340	8,201,768	55	53	51	51	51	50	52	44
Colusa	761	1,247	13,240,593	61	60	60	62	63	60	61	61
Contra Costa	3,348	7,012	65,788,024	72	70	71	68	69	71	70	68
Del Norte	323	646	4,418,399	70	68	64	63	63	60	60	67
El Dorado	1,399	2,684	21,458,907	62	58	63	63	62	63	63	63
Fresno	6,335	12,563	112,879,098	74	70	69	69	64	61	60	59
Glenn	848	2,017	11,940,355	68	68	68	68	68	68	62	50
Humboldt	1,163	2,354	16,791,631	61	56	64	64	63	56	57	53
Imperial	3,024	6,103	76,823,230	74	72	57	57	58	55	58	56
Inyo	1,133	1,832	13,681,682	75	57	60	62	62	61	62	62
Kern	5,725	12,615	117,170,333	66	63	64	64	63	63	65	63
Kings	1,324	2,710	21,044,749	63	62	62	62	59	60	61	61
Lake	643	1,275	8,629,265	33	31	40	40	40	38	37	35
Lassen	431	879	6,282,324	55	69	66	66	63	60	61	61
Los Angeles	21,192	57,160	472,476,391	68	67	66	66	67	67	68	67
Madera	1,829	3,663	24,879,499	48	48	47	47	46	44	44	40
Marin	1,068	2,151	20,882,530	61	61	61	63	64	67	65	67
Mariposa	365	724	4,606,318	53	44	44	53	65	65	66	51
Mendocino	1,132	2,249	16,243,134	51	49	37	35	35	32	36	47
Merced	2,349	4,975	39,594,831	57	58	58	58	56	56	57	57
Modoc	1,018	2,036	19,339,238	42	40	56	46	59	59	63	64
Mono	737	1,473	9,613,552	71	68	66	67	64	65	66	64
Monterey	1,907	3,859	30,940,471	63	45	50	50	50	49	52	50
Napa	778	1,568	8,926,445	53	60	59	59	59	59	56	60
Nevada	806	1,625	10,348,493	72	71	72	71	70	68	67	69



N

Pavement Condition Index

Reported	Estimated
Good (71-100)	Good (71-100)
At Lower Risk (61-70)	At Lower Risk (61-70)
At Higher Risk (50-60)	At Higher Risk (50-60)
Poor (0-49)	Poor (0-49)

(C) March 2023 NCE. GIS mapping data modified from US Census Bureau TIGER Cartographic Boundary Shapefiles (https://www.census.gov/geographies/mapping-files/time-series/geo/cartographic-boundary.html), accessed September 2020. Boundaries represent incorporated city limits from U.S. Census data and are approximate in shape and area.

Agency	Average PCI
Arvin	45.8
Bakersfield	64
California City	51
Delano	67.9
Kern County	63
Maricopa	51
Mcfarland	57.5
Ridgecrest	52.9
Shafter	71.2
Taft	52
Tehachapi	62.3
Wasco	70.7

Attached is a strategy that was provided at the April 5, 2023 TTAC to help our member agencies catch-up on their road maintenance with emphasis on preventive maintenance.

ACTION: Information.

"Fix It First!" Pavement and Bridge Funding Strategy Stretches Road $$$

Preventive maintenance is crucial to roadway and bridge longevity. Expensive damage occurs to cars because of poor road conditions. The public demands that we "Fix it First." Here are prioritized tips to catch up on roadway maintenance:

1) Oil all local roads every 2-years if possible – This stabilizes roads at their current level of degradation and helps prevent further deterioration.
2) After regular maintenance is fully funded, use every eligible road maintenance funding source to repair, rehabilitate, or rebuild the worst roadways in your jurisdiction even though the funds may be eligible for other projects.
3) Implement a Pavement Management System
4) Once all roadways are up to a Pavement Condition Index (PCI) of 80 out of 100, and regular maintenance is fully funded, SB1 LSRP, RSTP, & TDA funds can be freed up and used for other eligible transportation priorities.

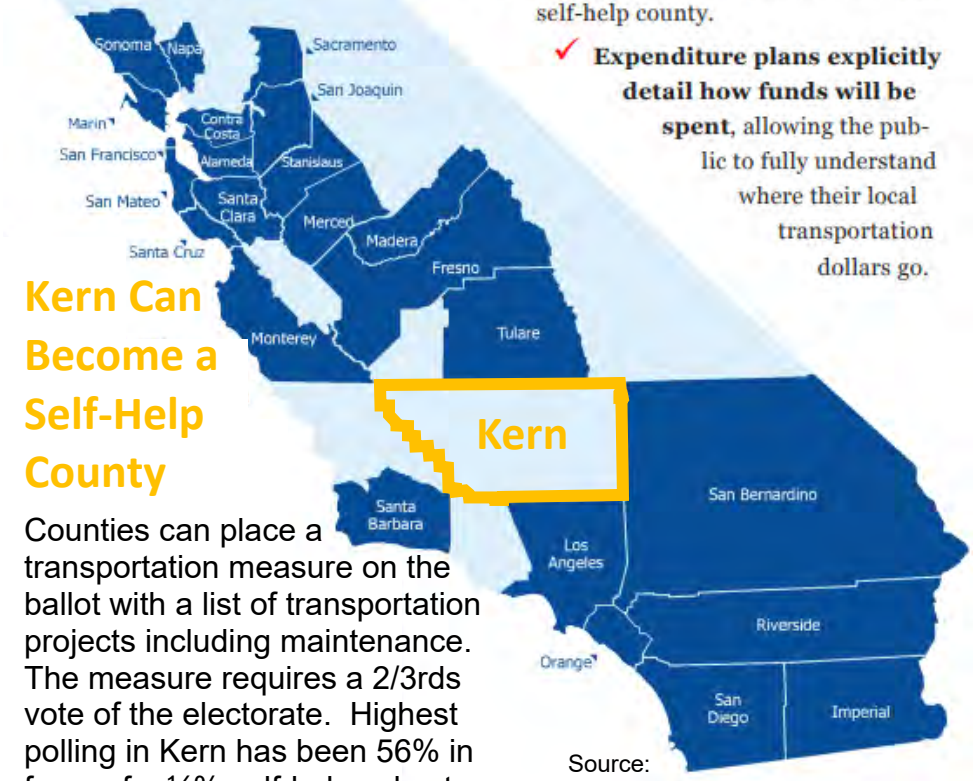
Maintaining roads at 80 PCI is 1/10 the cost of having to rebuild a failed roadway, allowing a region to stretch its transportation funds for other priorities. Below are funding programs for pavement and bridge maintenance.

Funding Programs to Improve Federal Performance Measure (PM) 2 Goals: 1) Improve pavement and bridge condition		
Funding Programs	Pavement	Bridge
Local General Fund/Sales Tax	X	
Highway User Tax Account (HUTA)	X	
Regional Surface Transportation Program (RSTP)	X	
Road Maintenance Rehabilitation Account (RMRA)	X	
Transportation Development Account (TDA/LTF)	X	
Highway Safety Improvement Program (HSIP)	X	X
Highway Bridge Program (HBP)		X
Highway Infrastructure Program (HIP)		X

Kern is the Largest County in the State WITHOUT a Dedicated Local Sales Tax for Transportation & Roadway Maintenance

In California, 24 Self-Help Counties will fund approximately $194 billion of voter-approved transportation investments by mid-century, injecting billions each year into essential transportation programs and projects.

- ✓ The SHCC provides a **reliable and stable funding stream** that far outstrips state and federal funding on an annual basis.
- ✓ The SHCC has **extensive accountability** measures and six oversight on all taxpayer's dollars.
- ✓ The public has **direct access to local decision-makers**, and public meetings are held each month throughout the state with public opportunities to participate in every self-help county.
- ✓ **Expenditure plans explicitly detail how funds will be spent**, allowing the public to fully understand where their local transportation dollars go.



Kern Can Become a Self-Help County

Counties can place a transportation measure on the ballot with a list of transportation projects including maintenance. The measure requires a 2/3rds vote of the electorate. Highest polling in Kern has been 56% in favor of a ½% self-help sales tax.

Source:
Self-Help Counties Coalition (SHCC)

Kern County Roadways and Transportation

Pavement Maintenance Scenarios

Select Annual Spending Scenario

- (●) Current Spending Level ($55M) with Focus on Preventative Maintenance
- ( ) Current Spending Level ($55M) with Focus on Worst Roads
- ( ) Double Spending Level on Pavement Maintenance

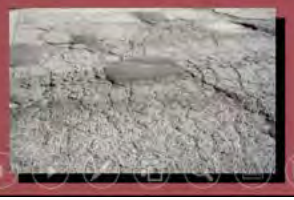
Pavement Condition

Good

Pavement Condition Index:
70 - 100

At Risk

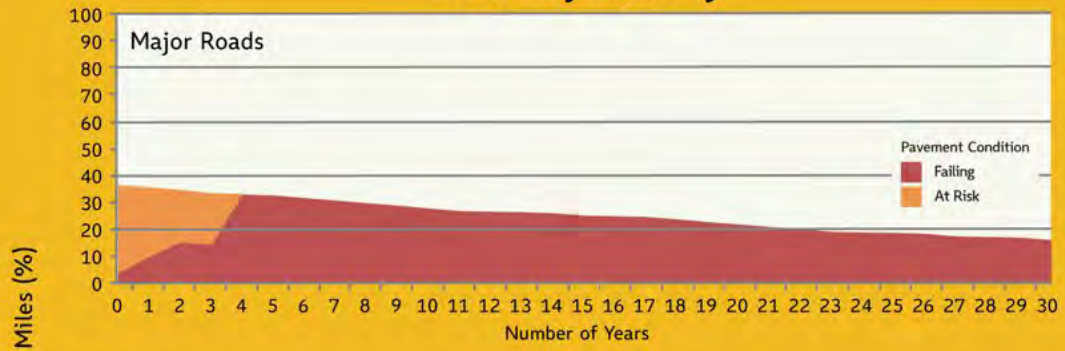
Pavement Condition Index:
25 - 69

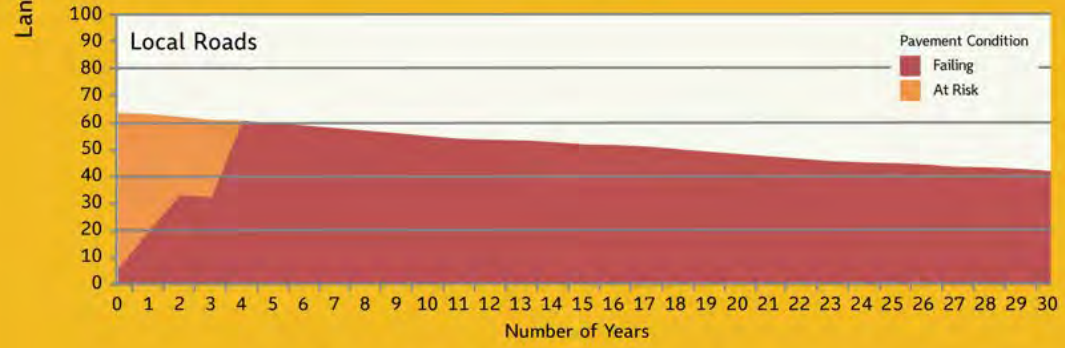


Failing

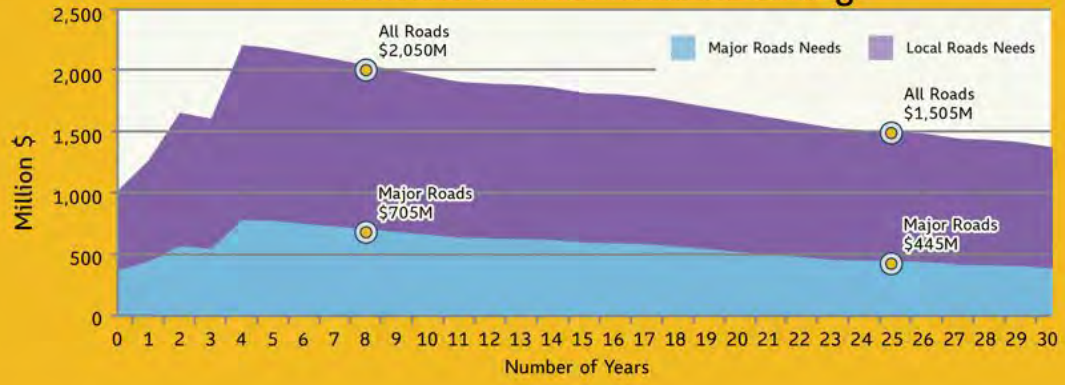
Pavement Condition Index:
0 - 24

Roadway Quality





Pavement Maintenance Backlog



Kern County Roadways and Transportation

Pavement Maintenance Scenarios

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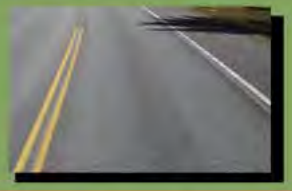

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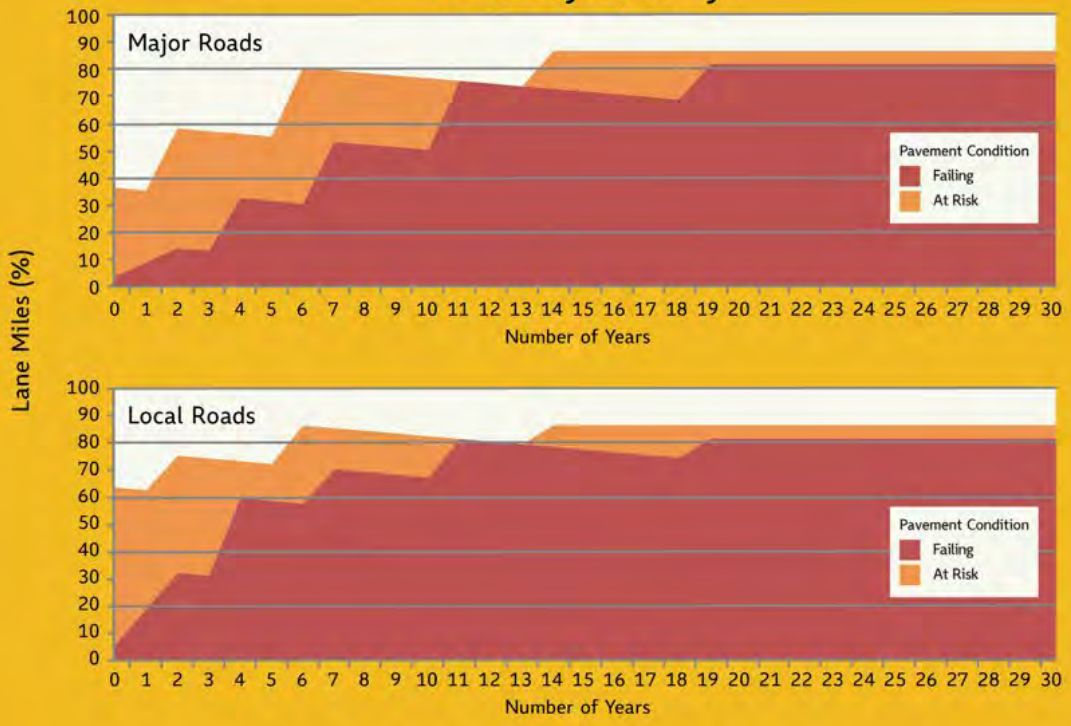
25 - 69

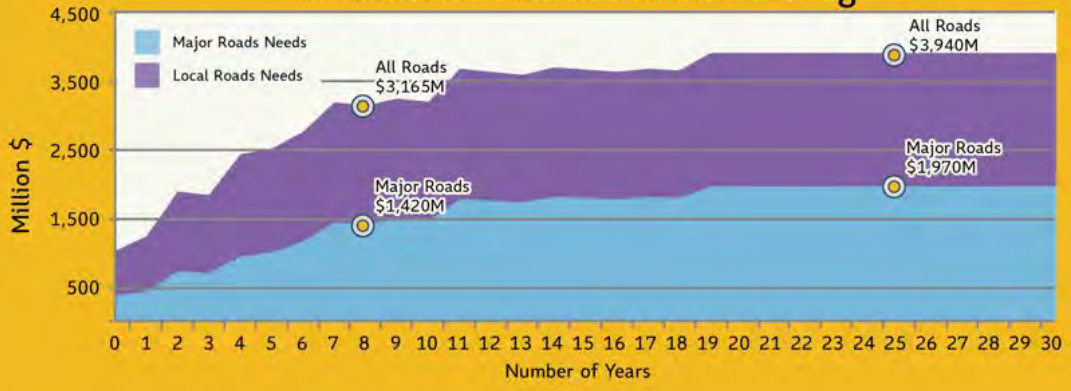
Failing

Pavement Condition Index:
0 - 24

Roadway Quality



Pavement Maintenance Backlog



Kern County Roadways and Transportation

Pavement Maintenance Scenarios

Select Annual Spending Scenario

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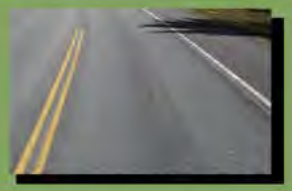

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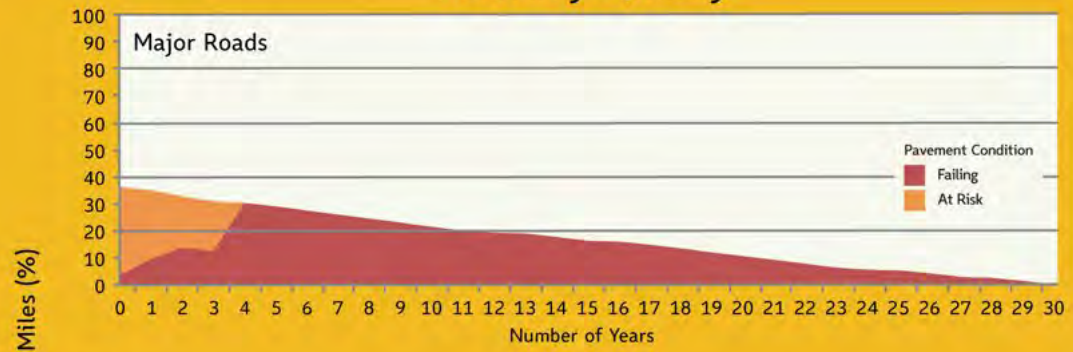
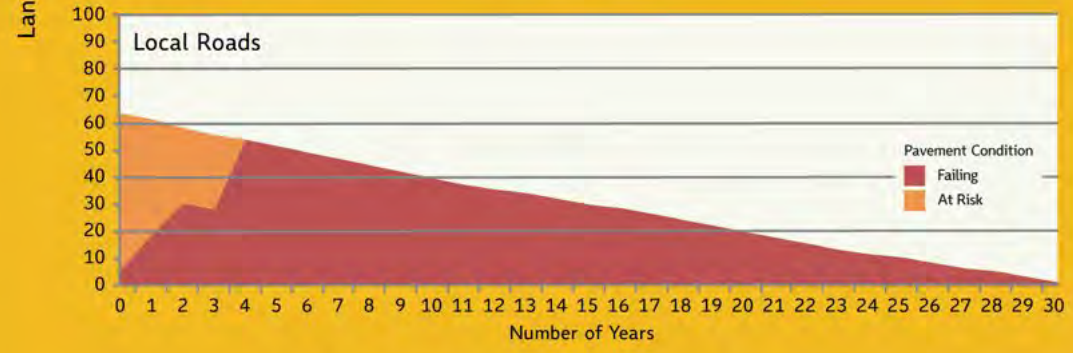
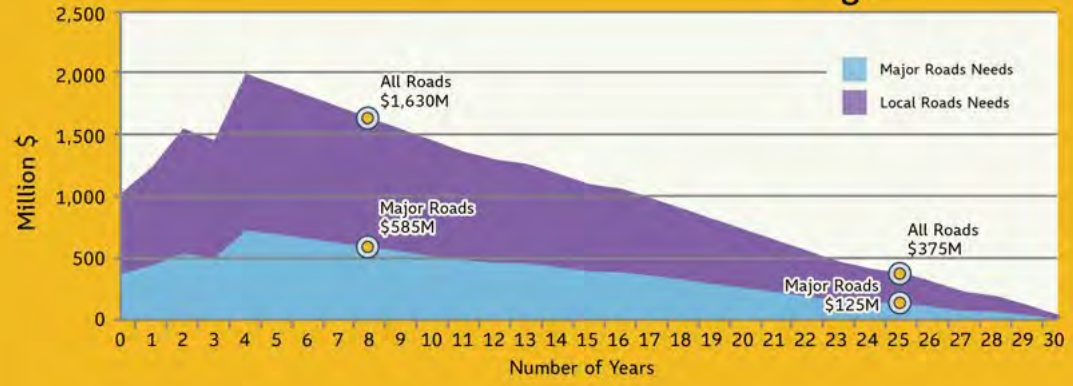




Pavement Maintenance Backlog



Kern Council of Governments

X.
TTAC

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI
EXECUTIVE DIRECTOR

By: Linda Urata, Regional Planner LAU

SUBJECT: TTAC AGENDA ITEM: X.
KERN ADVANCED TRANSPORTATION TECHNOLOGY PROGRAM - STATUS REPORT

DESCRIPTION:
To help meet more stringent air standards, Kern COG promotes early deployment of alternative fuel vehicle technologies such as plug-in electric vehicles (EVs) and compressed natural gas-fueled vehicles. This report updates the quarterly inventory of EV charging spaces in Kern County and provides information regarding funding opportunities. This report covers the period November 1, 2022, to May 19, 2023.

DISCUSSION:

Kern EV Charging Spaces: Please find the most recent charging space inventory by zip code attached to this staff report. The report shows that as of May 15, 2023, there is a 127.9% increase in charging spaces (541 spaces) throughout Kern County over the July 2016 base month and year, when Kern COG began tracking electric vehicle charging spaces. Eleven new locations have been identified in this reporting period, adding 63 charging spaces. Kern COG will be working to capture the CALeVIP Golden State Priority funding to update the Zip Code Report in November 2023.

February 23, 2023: The San Joaquin Valley Clean Cities Coalition hosted the first U.S. Zero Emission Heavy Duty Truck Convoy, led by Golden Empire Transit's Hydrogen Fuel Cell buses. VIPs on the bus learned about the landscape in Kern County for Zero Emission transportation of people and goods, workforce development, and carbon sequestration. Once the convoy returned to Bakersfield, over 140 people attended the Trucking with Clean Fuels Conference. Kern COG sponsored the event and staff served on the planning committee.

March 30, 2023: Kern COG hosted the Sixth Annual TRANSIT*ions* Transit Symposium. Over 60 people listened to 10 speakers and visited with 7 vendors, including 5 transit and light duty vehicles on display outside the DoubleTree Hotel in Bakersfield. Presentations, CARB ICT follow-up information on report forms, and vendor materials are posted to the Kern COG website: https://www.kerncog.org/?s=transitions

ATP Cycle 5 *Safe Routes for Cyclists in 13 Kern County Disadvantaged Communities (SR4C)*
Kern COG staff worked with the consultant Bike Bakersfield and their partners at CalWalks and the Kern County Library to deliver the SR4C program. During this reporting period, the pre-outreach Bicycle Count reporting was completed. Stakeholder meetings were held in nearly all of the 13 identified communities; the stakeholder meetings included local safety presentations and bike/ped audit walks. In May, Bike Rodeos began and will be completed in June or July. Kern COG staff participate in monthly program meetings,

process invoices, and report on the program to Caltrans via the Calsmart reporting system. Kern COG will run an ad campaign to promote the summer outreach activities. Please visit www.bikebakersfield.org to find your local event schedule.

EV Ready Communities
Kern COG staff worked to complete awarding contracts to fulfill the EV Charging Station task of the agreement. Site host kickoff meetings were held with each new EVCS site host. The site hosts are on track to open the stations by September 1, 2023. The eBike Pilot agreement was awarded to Bike Bakersfield. Three of six eBikes have been purchased and the eBikes are being demonstrated at community events and ATP-funded Bike Rodeos. Staff completed written reports to the CEC and participated in monthly calls with the CEC Agreement Manager. The EV Ready Communities funding is being used to implement the 2019 EVCS Blueprint. A five-year update to the Blueprint is scheduled to be completed in 2024.

May 10: Released the RFP for the 2024 update to the 2019 Kern EVCS Blueprint; it is posted to the "Working with Kern COG" page on www.KernCog.org. Applications are due June 22, 2023.

Kern County Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint
During this reporting period, Kern COG staff worked with the consultant, Gladstein, Neandross and Associates to complete the final MD|HD ZEVI Blueprint Document, and the Final Report to the CEC. Monthly meetings were held by the CEC Contract Agreement Manager that included Kern COG staff and GNA staff. The project agreement with the CEC will be closed out by June 28, 2023. For specific actions, see below.

April 20: Kern COG Transportation Planning and Policy Committee took Receive and File action on the Kern Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint. The document is available at www.kerncog.org

April 5: Final MD|HD ZEVI Blueprint presented to the TTAC and to the RPAC
May 17: MD|HD ZEVI Blueprint closeout – final deliverables submitted to the CEC include

a) Methodology Appendix to the Blueprint
b) Fact Sheet
c) Final Report

Participation in committees and workgroups
Kern COG staff participated in monthly or quarterly meetings held by several working groups or committees as time and schedule allowed, including the San Joaquin Valley EV Partnership, the Argonne National Labs Renewable Natural Gas (and sometimes Hydrogen) Workgroup, the Kern Community College District Ag/Water/Energy webinars, the California Renewable Energy Lab Clean Transportation Workgroup.

Kern COG staff attended the 2023 Advanced Clean Transportation (ACT) Expo in Anaheim, California on May 4, 2023. Several member agencies, GET staff, and school districts attended the ACT Expo as well. In 2024 the event will be held the first week in May in Las Vegas, NV.

Upcoming activities:

May 31, 11:30am to 1:00pm: Clean Air Month Luncheon, DoubleTree Inn hosted by Project Clean Air. The keynote speaker is Kevin Hamilton RRT, ACS, Co-Director and Co-Founder of the California Asthma Collaborative. Attendance is free. To register, contact: projectcleanairoffice@gmail.com by May 24th.

June 24: Clean Energy Fair, City of Arvin

End of May, all of June: KGET TV 17 campaign to promote ATP Safe Routes for Cyclists summer activities. Visit www.BikeBakersfield.org to find dates and places for Bike Rodeos, Bike Maintenance Workshops, and local bike rides.

The following are updates to EV Charging Station grants and incentives reported as available on the November 2022 report to the Kern COG Board, TTAC, and RPAC.

CLOSED!! CALeVIP: The California Energy Commission funded the CALeVIP 1.0 program in the San Joaquin Valley. The program funded up to 75% of Level 2 and DC Fast Charger equipment costs by offering rebates in Kern, Fresno, and San Joaquin Counties. Applicants could be eligible for up to $5,000 per Level 2 charger and up to $80,000 per DC Fast Chargers. These funds were stackable with the San Joaquin Valley Air Pollution Control District's ChargeUp! Program. **No funding remains available in Kern County.** The program exceeded its goal to dedicate 25% of the funding in Disadvantaged Communities. https://calevip.org/incentive-project/san-joaquin-valley

The website shows the program statistics updated as of May 5, 2023, and includes active (not cancelled) applications received through April 28, 2023, for Kern County as follows:

		DCFC	L2	Total
	Connectors	46	122	167
Completed	Chargers	28	94	122
	Funding	$983,271	$373,500	$1,356,771
	Connectors	114	260	374
In Progress	Chargers	65	165	230
	Funding	$2,400,000	$816,000	$3,216,000

CLOSED! The **Golden State Priority Project** opened on January 24, 2023. The program launched with $20 million available for "Eastern Region Counties" which includes Kern County as one of 18 counties. *Funding was only available for sites located in disadvantaged community or low-income community census tracts.*

The CALeVIP website has additional EV Charging Resources that may be helpful to folks planning to install charging stations. https://calevip.org/incentive-project/golden-state-priority-project

CLOSED!! Eastern Kern Air Pollution Control District 2023 DMV Grant Vehicle Voucher Program

CLOSED!! Eastern Kern Air Pollution Control District 2023 DMV Grant Program

California Plan for National Electric Vehicle Infrastructure (NEVI) Program: The California Deployment Plan for NEVI was approved in September 2022 by the US Joint Office of Energy and Transportation. Under NEVI California will receive $56 million in the first year and a total of $384 million over five years, while California has announced plans to invest $10 billion over multiple years. NEVI was authorized under the federal Infrastructure and Investment and Jobs Act of 2021 (IIJA). The program in California was put together in partnership between the California Department of Transportation and the California Energy Commission (CEC). Here is the website hosted by the CEC: https://www.energy.ca.gov/programs-and-topics/programs/national-electric-vehicle-infrastructure-program-nevi

Here are a few highlights from that website that may be useful to the member agencies or their constituents.

- In April, the CEC introduced two planning tools intended to support California's National Electric Vehicle Infrastructure (NEVI) Formula Funding Program. The tools are the "NEVI Corridor Group Interactive Map" and the "NEVI Matchmaker Tool."
- On May 5, the CEC held a workshop regarding the Charging Interoperability and Collaboration Yard Funding Concept. "The Charge Yard concept proposes an open and neutral industry facility designed to support charging interoperability, implementation of global standards, advancement of next generation charging features, and industry collaboration."

- On May 8, the CEC released solicitation GFO-22-615 Innovative Charging Solutions for MD and HD Electric Vehicles. Abstracts are due on June 23rd. Full applications are due on September 8. Agreements are anticipated to start on January 31, 2024.
- California's National Electric Vehicle Infrastructure (NEVI) Formula Program Solicitation Corridor Analysis is listed on the website as the NEVI Corridor Group Ranking Spreadsheet. CEC Staff plan to update the data and run the analysis prior to each of four solicitation releases. The current spreadsheet uses data from July 2022. The spreadsheet shows classifications, rankings, and scores for 17 categories, that include DACs, Justice 40, EVI-Road Trip, Number of NEVI sites Needed, EVI-Road Trip Charging Demand and more. The routes on the spreadsheet have been identified by Kern COG as part of the FAST Corridor nomination process. Round 7 of the FAST Corridor Nominations are due on June 21, 2023. From the NEVI spreadsheet, a few of the routes in Kern County that are ranked include:
    - I5 Sacramento to Santa Clarita
    - SR 14 Santa Clarita to Inyokern
    - SR 46 East of Shandon to Famoso
    - SR 58 Buttonwillow to Barstow
    - SR 99 South of Turlock to Wheeler Ridge

  There is a NEVI mapping tool to show when specific corridors are eligible for funding. You can find that here:
  https://experience.arcgis.com/experience/135c0da4b70f4717b4664ad2e427d2bc

This report is not a complete list of funding programs. For more resources and tools, please visit https://www.kerncog.org/wp-content/uploads/2022/06/EVCS_Toolkit_Resources_202206.pdf,
Also visit the websites of agencies that provide funding, such as the CEC, CARB, the EKAPCD and the San Joaquin Valley Air Pollution Control District.

If member agencies are interested in identifying funds for a specific project, Kern COG staff may be able to assist you. Please contact Linda Urata, Regional Planner at lurata@kerncog.org.

ACTION: Information.

Kern County Electric Vehicle Public Charging Spaces by Zip Code

May 2023 Report

Kern Council of Governments has set a goal of 4,000 electric vehicle charging spaces in Kern County by 2025. This report shows a 127.9% increase (541 spaces) in the number of charging spaces compared to the baseline inventory established July 2016. This represents an increase of 99 spaces (11.4%) over the November 2022 report of 865 spaces. Highlighted numbers reflect updates from the previous report. Some of this change in inventory may simply be due to better reporting and not new chargers or disconnections. This change in inventory may also include station closings. This is the first time that Zip Codes 93516 (Boron) has appeared on this inventory.

The number of parking spaces and station status are validated by telephone and occasionally in person. The primary resource for identifying stations is the Alternate Fuel Data Center (AFDC) Station Locator (www.afdc.energy.gov/locator/stations). The AFDC data was downloaded on May 15, 2023. Plugshare.com and charging station networks are also used to update the inventory. Not all sites list their locations on these websites. Level 1, Level 2, DC Fast Charging, Tesla Superchargers and wall plugs are counted. Note that some chargers may serve more than one parking space. This reports charging *spaces*, not the *charging stations*. This follows along with the expression to move cords, not cars. Public transit charging is not counted in this inventory.

Zip Code	# of Charging Spaces	Baseline July 2016
93202	3	0
93203	**87**	0
93206	**34**	22
93215	**14**	2
93238	**142**	123
93240	**6**	5
93241	**4**	0
93243	**42**	13
93249	**25**	20
93250	**8**	0
93263	**2**	0
93268	**3**	0
93276	**60**	60
93280	**8**	0
93285	**1**	1
93301	**71**	19
93303	**19**	6
93304	**11**	0
93306	**4**	0
93307	**55**	40
93308	**62**	9
93309	**21**	0
93311	**35**	7
93313	**46**	14
93314	**10**	0
93501	**47**	7
93505	**4**	0
93516	**4**	0
93523	**4**	0
93527	**36**	4
93555	**45**	40
93560	**2**	2
93561	**49**	29
TOTAL	**964**	**423**

Eleven new locations identified in this reporting period, adding 63 charging spaces:

State Route 58 Rest Area, Boron (93516**) NEW ZIP CODE**

Kern County Park Dept., Lake Isabella 93240

Mechanics Bank, Bakersfield 93301

San Joaquin Valley APCD, Bakersfield 93308

Kern Family Health Care, Bakersfield 93308

Mercedes Benz, Bakersfield 93308

Tesla Super Charger Mojave 93501

Classic Burgers, Inyokern 93527

Bank of the Sierra, Tehachapi 93561

Caltrans Districts works with Kern COG and other Metropolitan Planning Organizations in the San Joaquin Valley to identify gaps along highway corridors in order to seek FAST Alternative Fuel Corridor designations of "Corridor Ready" by the Federal Highway Administration. (https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/) Caltrans and the California Energy Commission are implementation partners for the National Electric Vehicle Infrastructure Program (NEVI), which will allocate $384 million to California over 5 years.

Kern Council of Governments

Kern Council of Governments

XI.

TTAC

May 31, 2023

TO: Transportation Technical Advisor Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rob Ball, Deputy Director/Planning Director

SUBJECT: TPPC AGENDA ITEM: XI.
DRAFT FINAL KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO) SUSTAINABILITY STUDY PHASE 2

DESCRIPTION:

A Draft Final KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide incorporating extensive public and stakeholder outreach is available at https://www.kerncog.org/goods-movement/ .

DISCUSSION:

Kern COG has received a grant from the Caltrans Sustainable Communities program to study development and funding of more sustainable goods movement projects countywide. The study incorporates comments from local communities including stakeholders from Shafter, Lamont and Arvin, goods movement professionals, and local governments staff. The study includes:

1) Suggested updates to Surface Transportation Assistance Act (STAA) compliant federal, state and local truck route maps;
2) Suggested updates to local government circulation planning element maps;
3) The study also includes sketch drawings and right-of-way foot prints for interchange and other goods facilities vulnerable to development encroachment
4) Potential funding mechanisms including a regional industrial impact fee nexus study.
5) An economic analysis comparing existing fees in the Kern region to other regions.

Here is the schedule for completion of the study:

- May 31, 2023 – Draft Final Released
- June 15, 2023 – Draft Final goes to the Kern COG TPPC to receive and file.

Attachment: Summary Presentation on the Draft Final KARGO Sustainability Study – Phase 2

ACTION: Recommend to the Transportation Planning Policy Committee to Receive and File.

KARGO Phase II Project Report

5/31/2023

Fehr & Peers - Fatemeh Ranaiefar, Nico Boyd
Mark Thomas Engineers - Cynthia Horner
EPS - Jason Moody

1

Introduction

- Project Team
  - Kern COG
  - Stakeholders – Cities, County , Caltrans , Industry , Developers
  - Consultants- Fehr & Peers, Mark Thomas, EPS
- Overview of KARGO Phase II
  - Goals
  - Growth
  - Deficiencies
  - Projects
  - Funding

2

KARGO II – Vision, Purpose, and Goals

- In collaboration with stakeholders, identify strategies, projects and programs to:
  - Add Network Capacity –where truck volumes are anticipated to grow the most;
  - Improve Maintenance –identify a mechanism to safeguard the longevity of all capacity enhancing improvements that are made;
  - Adopt Clean Tech – need to incentivize a faster shift to zero-emission technologies to achieve GHG reduction and AQ improvements goals;
  - Maintain Competitiveness and Economic Benefit –attract high-paying jobs in the industrial/ logistics industries

3

KARGO Phase II - Phases

DEVELOP A NEXUS STUDY TO ACCOUNT FOR REGIONAL NEEDS DUE TO FUTURE LOGISTIC FACILITY DEVELOPMENT

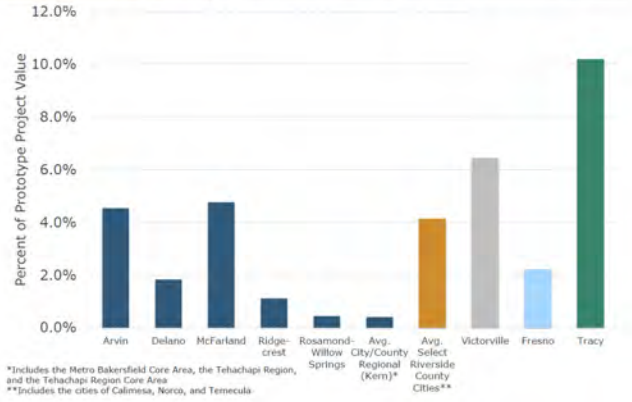
PREPARE FOR THE EXPECTED FREIGHT GROWTH IN THE REGION

COMPLETE CIRCULATION ELEMENT AND TRUCK ROUTE MAPS AND CONCEPTUAL DRAWING FOR REMAINDER OF LOCATIONS

4

Tejon Ranch and the City of Shafter, two areas anticipated to accommodate significant near-term logistics development in Kern County, were excluded from this analysis due to the lack of reliable impact fee information.

FEE BURDEN AS A PERCENT OF PROJECT VALUE



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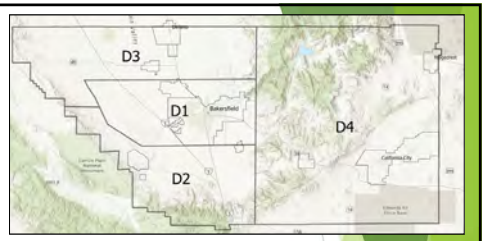
Projected Land Use Growth

- Period: 2022-2046
- 40 million Square of new Industrial use
- Volume of growth: Bakersfield, Kern County, and Shafter have 85% of overall growth



Period	Land Use	D1- Bakersfield	D2- South	D3- North	D4- East	Kern County
2022 Base Year	House Hold	197,880	14,779	22,665	50,668	285,992
	Population	640,052	48,748	89,070	133,251	911,122
	Total Employee	234,804	23,967	44,845	40,161	343,777
	Indistrial/Agg Employee	69,613	14,530	24,165	4,615	112,923
2046 Future Baseline	House Hold	240,488	29,053	26,083	58,634	354,258
	Population	826,356	93,808	110,536	165,863	1,196,563
	Total Employee	267,314	37,249	48,326	47,125	400,015
	Indistrial/Agg Employee	78,982	21,040	25,789	6,709	132,520
2022-2046 Base Growth Scenario	House Hold	42,608	14,274	3,418	7,966	68,266
	Population	186,305	45,059	21,466	32,611	285,441
	Total Employee	32,511	13,282	3,482	6,964	56,238
	Indistrial/Agg Employee	9,369	6,510	1,624	2,094	19,597

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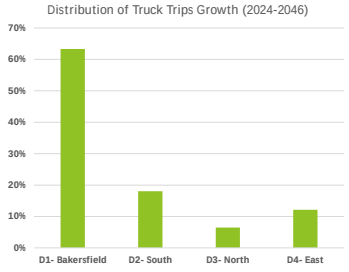
Projected Traffic Growth



2022 Base Year

Region	Total	Passenger cars	Medium Trucks	Heavy Trucks	All Trucks
D1	3,147,754	2,944,343	184,411	19,000	204,214
D2	188,444	168,452	16,006	3,987	20,333
D3	329,905	294,825	28,230	6,850	35,659
D4	469,784	435,306	31,864	2,615	34,543
Kern	4,135,888	3,842,925	260,510	32,452	294,749
External	283,896	160,230	9,327	43,047	42,580

2046 Baseline RTP/SCS Without WUC

Region	Total	Passenger cars	Medium Trucks	Heavy Trucks	All Trucks
D1	3,707,601	3,468,875	216,816	21,910	239,621
D2	326,938	296,855	25,349	4,734	30,440
D3	373,950	335,300	31,228	7,422	39,272
D4	555,301	514,058	37,922	3,321	41,345
Kern	4,963,790	4,615,088	311,315	37,387	350,677
External	320,649	183,566	11,968	49,521	49,438

2046 No Ind\Agg , No WUC

Region	Total	Passenger cars	Medium Trucks	Heavy Trucks	All Trucks
D1	3,684,575	3,451,305	212,597	20,673	234,054
D2	307,761	280,490	22,900	4,371	27,604
D3	370,613	333,010	30,477	7,125	38,196
D4	549,894	509,885	37,015	2,995	40,080
Kern	4,912,844	4,574,690	302,989	35,164	339,935
External	316,819	179,737	11,967	49,521	49,438

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Prioritizing Projects (Major Improvements)

Low Cost / Near Term

Central Kern | E Kern | N Kern | S |

a. 99/58 I-change missing ramps
b. 99/7th Standard I-change (HSR)
c. 7th Std/I-5 I-change/passing lanes, 43 - I-5
d. Merced/Cherry/Superior "T" Corridor
e. W Urban Corr (WUC) 7th Std-Express Blvd
f. WUC, WSP-Rosedale Hwy
g. Mt Vernon extension, Planz-Panama
h. 58 Stockdale Hwy, 43 Enos-Heath
i. Burbank Expwy, 99-James Rd
j. Santa Fe Wy, Burbank-Rosedale Hwy
k. Allen Rd, White-Panama
l. I-5/58 Stockdale I-change/passing lanes
m. I-5/43 I-change
n. Wasco Av frontage rd (HSR?)
o. 99/Whistler I-change
p. 99/Merced I-change
q. 46 extend passing lanes, near county line
r. 58/223 I-change
s. 58 truck climbing lanes, Bealville-Keene
t. 58 frontage rd, Cal City Blvd-N Gate Blvd
u. ?

Mid Cost / Mid Term

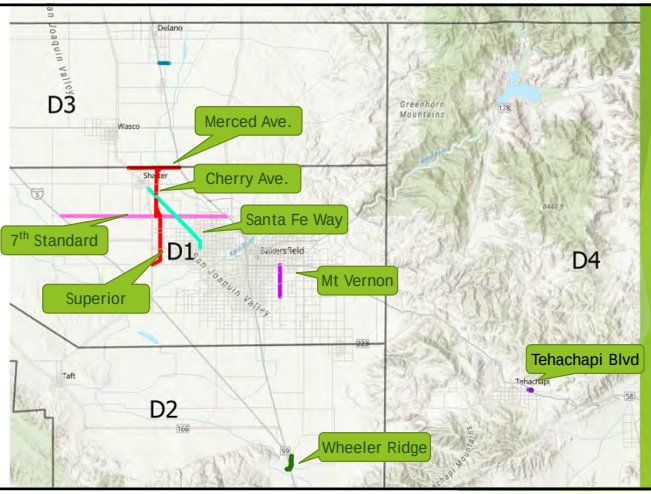
E|N| S| C Kern|

a. Complete WUC 99 - I-5 (formerly W Bltwy)
b. Burbank Expwy, 43 Beech-WUC
c. 99, Burbank Corr-Beardslee Canal
d. 58 Truck climb/pass lanes, 223-Tower Line Rd
e. 58 Stockdale passing lanes, Enos toward I-5
f. S Arvin Corridor
g. I-5 Grapevine 2nd truck climb/passing lanes
h. Copus safety realignment
i. 99/Pond Rd I-change
j. Tehachapi and CA-58 Ramps
k. 14/Purdy Av I-change
l. 395 extend passing lanes, N of Garlock Rd
m. I-5 & 58 truck weight station relocations
n. ?
o. ?

**Suggested projects for phase I of Impact Fee Program

8

Nexus Projects



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Phase I- Impact Fee Projects

ID	Nexus District	Main Route	Brief Description	Approximate cost (Million $)
1	D1	Santa Fe	Santa Fe Wy, Burbank-Rosedale Hwy	$88.20
2	D1	7th Std	I-5/7th Std Rd I-change	$20.00
3	D1	7th Std	7th Std Rd-passing lanes, 43 - I-5	$6.74
4	D1	7th Std	7th Std Rd Concrete Rehab, 43 - I-5	$50.34
5	D1	7th Std	7th Std Rd Concrete Rehab, 43 - 99	$62.04
6	D1	Cherry	Merced Av - Expressway, 2 canal bridges	$59.42
7	D1	Cherry	Cherry Av - Expressway, 2 grade seps.	$53.59
8	D1	Superior	Superior Rd - Expressway, 1 grade separation	$84.44
9	D1	99	99/Merced I-change Improvements	$30.00
10	D2	Wheeler Ridge	Wheeler Ridge/Laval Rd TRCC core, safety rehab	$11.42
11	D1	Mt Vernon	Mt Vernon/58-Planz, safety rehab	$28.41
12	D3	Pond Rd	Pond Rd, Richgrove/43-155, safety rehab	$3.00
13	D4	Tehachapi Blvd	Near 58 Summit I-change	$1.20
All Projects				$498.80

Cost Estimate

Nexus District	Total Cost (Million $)
D1	$483.18
D2	$11.42
D3	$3.00
D4	$1.20
County	$498.80

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Potential Fee Program Structures

Scenario	Who pays?	Region	Structure	Metric for Fee	Notes
S1	Only Industrial	Countywide	Single Fee	Trips Generated/Square Foot	Majority of growth is in North Bakersfield, Shafter, County; projects should address those areas
S2	Commercial /Industrial (Non- Residential)	Countywide	Single Fee	Trips Generated by Land Use	Some uses may get a fee reduction (ex., 30% discount for retail because of pass-by trips; 140% for industrial because of trucks; truck stops get a discount for pass-by trips)
S3	Everyone (residential and commercial)	Countywide	Single Fee	Trips Generated by Land Use	Some cities already have a fee for residential so there is a need to ensure that the same land uses are not included in multiple fee programs; if fees overlap, cities should pay a lesser regional fee; the benefit of this approach is that everyone pays less since the fee is distributed more widely, and by providing more capacity for trucks, residents also benefit from less congestion

Units of Calculating Fee:

- Square feet of development
- Dwelling Units
- Number of trips (cars, Trucks, all, PCE)

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Potential Fee Calculation Units

District	Growth in Land Use 2046-2022				Growth in Trips					
	Dwelling Units	All Employees	Industrial/ Agg Employee	Industrial land 1000 square feet *	Car- ALL	Car- Industrial	Trucks all	Trucks Industrial	vehicles - All	Vehicles- Industrial
D1	42,608	32,511	9,369	19,518.6	524,532	17,570	35,407	5,567	559,939	23,137
D2	14,274	13,282	6,510	13,561.9	138,494	26,455	10,107	2,836	148,601	29,291
D3	3,418	3,482	1,624	3,384.0	44,045	5,860	3,613	1,076	47,658	6,935
D4	7,966	6,964	2,094	4,362.7	85,517	10,938	6,801	1,264	92,318	12,202
County	68,266	56,238	19,597	40,827.2	827,902	96,137	55,929	10,743	883,831	106,880

*assuming 0.5 industrial employee per 1000 sf of industrial development building

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Growth and Fair Share

District	Growth in Land Use 2046-2022			Growth in Daily Trips		
	all EMP	IND+ AGG Emp	Population	Total Vehicles	Trucks	PCE*
D1	14%	13%	29%	18%	17%	18%
D2	55%	45%	92%	73%	50%	70%
D3	8%	7%	24%	13%	10%	13%
D4	17%	45%	24%	18%	20%	18%
County	16%	17%	31%	20%	19%	20%

- the impact of each unit of growth in employment is assumed to be 1 unit of growth in population
- PCE=Passenger Car Equivalency

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Fee Calculation Rates ($ per daily trip)

Region	non Res	non Res -PCE	IND+Agg	IND+Agg - PCE	All	All -PCE
D1	$ 591	$ 513	$ 2,824	$ 2,188	$153	$143
D2	$ 110	$ 101	$ 267	$ 229	$61	$54
D3	$ 34	$ 26	$ 60	$ 43	$9	$8
D4	$ 8	$ 7	$ 101	$ 78	$3	$2
County	$ 402	$ 353	$ 1,699	$ 1,359	$121	$112

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Summary of Fee Scenario- Options 1

GU0

Fee Scenario	S1: only industrial	S2: all commercial	S3: all uses
Fee $/PCE trip	$ 1,358.56	$352.84	$ 111.81
Fee contribution to total project cost	17%	16%	20%

New Trips Estimated to be Added by 2040 (PCE)			
District	S1	S2	S3
D1	29,718	130,531	598,071
D2	22,351	62,431	149,331
D3	4,681	9,097	48,186
D4	6,967	29,203	92,988
Total	63,717	231,262	888,577

Total Fee Collected by 2040: dollars				
District	S1	S2	S3	Project Cost: Mil $
D1	$40,374,008	$ 46,056,553	$66,867,867	$ 483.18
D2	$ 30,365,536	$ 22,028,094	$16,696,098	$ 11.42
D3	$ 6,359,043	$ 3,209,718	$ 5,387,492	$ 3.00
D4	$ 9,464,828	$ 10,303,904	$10,396,656	$ 1.20
Total	$ 86,563,416	$ 81,598,269	$99,348,113	$ 498.80

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Prototype Industrial Development

- Built after 2012 (for lease rate comparisons)
- Site Area: 9.56 acres
- Gross Building Area: 106,320 square feet
- Rentable Building Area: 105,699 square feet
- Assumed “Heavy Industrial” fee when necessary
- Impact fee rates modified by applicable geography

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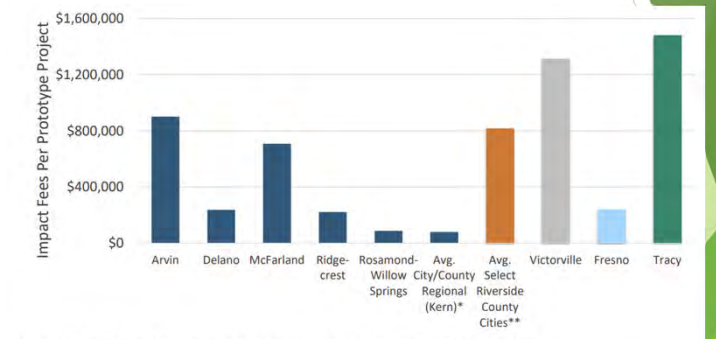
DEVELOPMENT IMPACT FEE COMPARISONS - Today



*Includes the Metro Bakersfield Core Area, the Tehachapi Region, and the Tehachapi Region Core Area
**Includes the cities of Calimesa, Norco, and Temecula

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New Nexus Fee

General Warehouse ITE 150	
105.699	ksf
1.71	ALL trip per ksf
0.6	Truck trips per ksf
2.31	PCE trips per ksf
53	employee
181	Daily trips
244	Daily PCE trips
S1- Only Industrial	
$ 331,712	Toal Fee
$ 3.14	Fee per sf
S2-All commercial	
$ 86,150.96	Toal Fee
$ 0.82	Fee per sf
S3-All uses	
$27,299.06	Toal Fee
$ 0.26	Fee per sf

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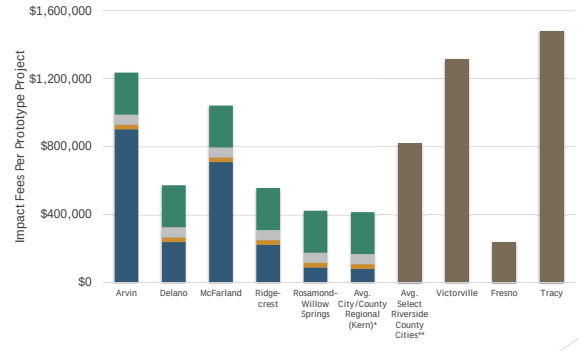
DEVELOPMENT IMPACT FEE SCENARIOS



*Includes the Metro Bakersfield Core Area, the Tehachapi Region, and the Tehachapi Region Core Area
**Includes the cities of Calimesa, Norco, and Temecula

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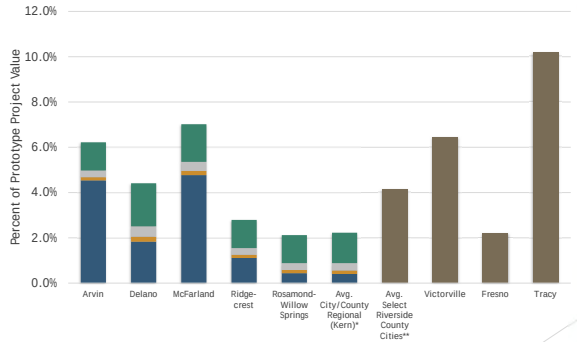
FEE BURDEN SCENARIOS



*Includes the Metro Bakersfield Core Area, the Tehachapi Region, and the Tehachapi Region Core Area
**Includes the cities of Calimesa, Norco, and Temecula

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Other Local / Regional Funding Measures

Measure / Source	Approval Process	Advantages	Disadvantages
Enhanced Infrastructure Financing District (EIFD)	Approval by Council / Board of participating jurisdictions	Does not raise taxes	Re-directs new property tax from General Fund of participating jurisdictions
Assessment District (e.g., Mello-Roos CFD)	2/3rds landowner / voter approval	Most applicable for local serving facilities	Less applicable to regional serving projects.
Gas or Diesel Tax	2/3rds voter approval	Tax incidence focused on users / beneficiaries	• Incentivizes "Fuel-up" outside County • Electrification → declining revenues
Business License or parcel tax on industrial uses	2/3rds voter approval	Tax incidence focused on users / beneficiaries	May impact local economic competitiveness
Project Specific Mitigation (e.g., CEQA based)	Local jurisdiction entitlement process	Direct nexus with local development	Less applicable to regional serving projects

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Sales Tax Measure

Approval Process:
- 2/3rds voter approval

Advantages:
- Strong case for Kern to join other 24 Self-Help Counties Coalition (SHCC)
- Can generate significant revenue
- Tax exempt bond financing potential ("up-front" revenue)
- Maximum local control on use of funds

Disadvantages:
- Voter approval may be difficult

Illustrative Revenue Generation (high-level Calculation)	
Assumptions	
Annual Population Growth = Real Sales Tax Revenue Growth	1.29%
Revenue	
2022 - with **1/4% Sales Tax**	$62,685,468
2046 – with **1/4% Sales Tax**	$85,297,000
Total Revenue (24 years): 1/4% Sales Tax	**$ 1,836,000,000**

22

Property Tax Measure

Approval Process:
- 2/3rds voter approval

Advantages:
- Can generate significant revenue
- Can be used to secure tax exempt bonds – "up-front" revenue
- Maximum local control on use of funds

Disadvantages:
- Voter Approval may be difficult
- County already has relatively high property tax rate

Illustrative Revenue Generation (high-level Calculation)			
Assumptions			
Annual Real Growth in Assessed Value	1%		
Average Property Tax Rate	1.259%		
New Property Tax for Transportation Project	0.05%		
Revenue			
Year	Total Assessed Value	Existing Property Tax Revenue	New Property Tax Revenue for Transportation
2022	$96,672,959,000	$ 1,217,576,000	$ 48,336,000
2046	$ 122,749,000,000	$ 1,545,000,000	$ 61,374,000
Total Revenue (24 years)		$ 34,375,000,000	$ 1,365,000,000

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Enhanced Infrastructure Financing District (EIFD)

- Provide an emerging form of tax increment financing available to local public agencies in California
- May be formed over a defined area (the district), including non-contiguous areas, by a city, county, or joint powers authority (JPA), to capture incremental increases in property tax revenue from future development and assessed value appreciation
  - Without an EIFD, this revenue would accrue to the City's General Fund (or other property-taxing entity revenue fund
  - EIFDs do not provide access to property tax revenue beyond the share agreed to by participating jurisdictions (e.g., City and County)
- Establishment requires approval by every local taxing entity that will contribute its property tax increment
- Revenues may be used to provide funding and financing for broad range of infrastructure projects, provided those projects have a useful life of 15 years and are of 'community-wide' significance

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State or Federal Funding Sources

Approval Process:
- State / Federal appropriations, rule-making, competitive selection

Advantages:
- Numerous "pots" of money may be applicable
- Does not raise local taxes or require voter approval

Disadvantages:
- Funding is competitive and uncertain
- Many restrictions on use of fund

Program Examples	Type of Facility
Highway User Tax Account (HUTA)	Pavement
SB1 Road Maintenance Rehabilitation Acct. (RMRA)	Pavement
Regional Surface Transportation Program (RSTP)	Pavement
Transportation Development Account (TDA/LTF)	Pavement
Highway Safety Improvement Program (HSIP)	Pavement / Bridge
Highway Bridge Program (HBP)	Bridge
Highway Infrastructure Program (HIP)	Bridge
Rebuilding American Infrastructure with Sustainability and Equity (RAISE)	Varies

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Next Steps

- Incorporate comments in the final report
- Final project report
- Finalize the fee schedule

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Extra

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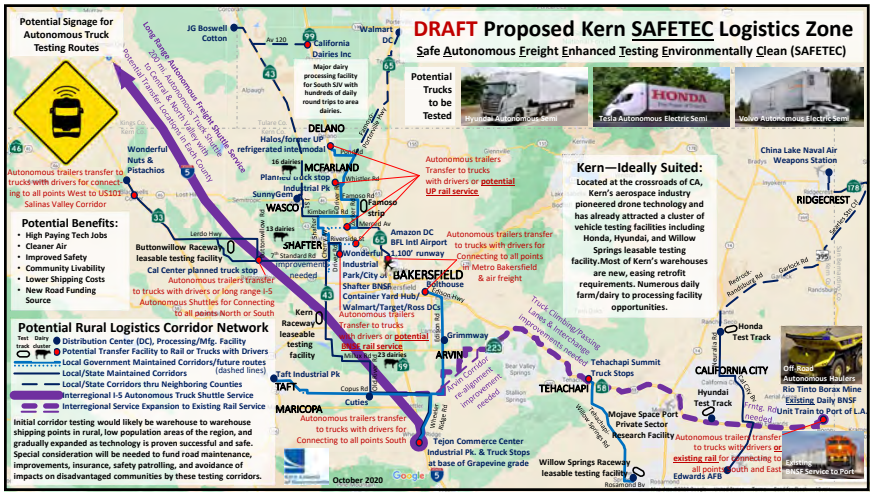

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2024 Regional Transportation Improvement Program (RTIP)

WORKSHOP 2

Wednesday, June 21, 2023

Time: 10:00 AM to 11:00 AM

Location: Hybrid

In-person in Kern COG Board Room

Teleconference via Go To Meeting

GO TO MEETING TELECONFERENCE INFORMATION WILL BE PROVIDED WITH AGENDA PACKAGE

Kern Council of Governments

TOPICS FOR DISCUSSION

- CTC Fund Estimate (if available)
- CTC STIP Guidelines
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Strategies for Administrative Draft 2024 RTIP Capital Improvement Program
- Review of remaining timeline

Questions or comments?
Please contact:

Raquel Pacheco
rpacheco@kerncog.org
661-635-2907

Kern Council of Governments

June 27, 2023

TO: **TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)**

FROM: AHRON HAKIMI, EXECUTIVE DIRECTOR

SUBJECT: JULY MEETING CANCELLATION NOTICE

The meeting of the Transportation Technical Advisory Committee (TTAC) scheduled for Wednesday, July 5, 2023, has been cancelled.

The next regularly scheduled meeting will be Wednesday, August 2, 2023. Agenda materials will be mailed approximately one week prior to the meeting.

Reminder:

- 2023 Congestion Mitigation Air Quality (CMAQ) Program (including Carbon Reduction Program) and Regional Surface Transportation Program (RSTP) **applications are due by 5:00 PM on Monday, July 17, 2023.** Please visit https://www.kerncog.org/call-for-projects/ for more information.

AGENDA
KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

WEDNESDAY, AUGUST 2, 2023 AT 10:00 A.M.

PRIMARY MEETING LOCATION:	**SECONDARY MEETING LOCATIONS (for Teleconference):**
Kern Council of Governments, Board Room **1401 19th Street, Suite 300** **Bakersfield, CA 93301**	**City of California City,** **21000 Hacienda Blvd** **California City, California 93505**
TTAC GoToMeeting Information (Teleconference): https://www.gotomeet.me/KernCOG/ttacmeeting Dial +1 (786) 535-3211 Access Code: 269-963-557 New to GoToMeeting? Get the app now and be ready when your first meeting starts: https://global.gotomeeting.com/install/269963557	**City of Arvin** **200 Campus Drive** **Arvin, CA 93203**

I. **ROLL CALL:**

II. **PUBLIC COMMENTS:** This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. **APPROVAL OF DISCUSSION SUMMARY:** Minutes from meeting of May 31, 2023 (June meeting); ROLL CALL VOTE.

IV. **KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR FY 2023-24 PROGRAM OF PROJECTS (Enriquez)**

Comment: Caltrans State of Good Repair (SGR) Transit Program allocates annual funds from Senate Bill No.1 legislation to the Kern region.

Action: Recommend the Transportation Planning Policy Committee adopt the fiscal year 2023-24 SGR Program of Projects. ROLL CALL VOTE.

V. TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 2023-24 PROGRAM OF PROJECTS (Enriquez)

Comment: Kern Council of Governments, acting in the capacity as the state-designated Regional Transportation Planning Agency, administers funding for the Transportation Development Act Article 3 Program.

Action: Recommend adoption of fiscal year 2023-24 Transportation Development Act Article 3 Program of Projects to the Transportation Planning Policy Committee. ROLL CALL VOTE.

VI. FY 2023-24 TDA PUBLIC TRANSIT CLAIM – CITY OF BAKERSFIELD - AMTRAK
FY 2022-23 TDA PUBLIC TRANSIT CLAIM – CITY OF DELANO
FY 2022-23 TDA PUBLIC TRANSIT CLAIM – CITY OF RIDGECREST
FY 2016-17 TDA PUBLIC TRANSIT & STREETS & ROADS CLAIM – CITY OF CALIFORNIA CITY (Banuelos)

Comment: According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The cities of Bakersfield, Delano, Ridgecrest, and California City have submitted TDA claims which total $ 5,113,614.

Action: Review TDA Public Transit and Street & Roads Claims for the Cities of Bakersfield, Delano, Ridgecrest and California City and recommend approval to the Transportation Planning Policy Committee. ROLL CALL VOTE.

VII. SUSTAINABLE COMMUNITY GRANTS/COG ASSISTANCE REQUESTS AND FEEDBACK MONITORING DATA - EMAIL REQUESTS DUE TO KERN COG FRIDAY, SEPTEMBER 29, 2023 (Ball)

Comment: The 2022 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) includes a strategy to provide sub regional feedback on SB 375 travel reduction goals and provide technical assistance and grant writing assistance to help sub areas of the County that need it most. This is an annual process reviewed by the TTAC and RPAC.

Action: Information. Technical/grant writing and other assistance email requests from member agencies are due to Kern COG by 5 p.m. Friday, September 29, 2023.

VIII. FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AMENDMENT – TIMELINE (Pacheco)

Comment: Upcoming amendment schedule for next 2023 FTIP Amendment.

Action: Information.

IX. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM (Pacheco)

Comment: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

Action: Information.

X. CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – STATUS UPDATE (Pacheco)

Comment: CMAQ applications were due July 17th and Kern COG staff has prepared a draft application log. A total of 19 applications were received by the deadline, requesting $49.2 million in CMAQ funding.

Action: Information. TTAC subcommittee peer review comments are due by **September 8, 2023**.

XI. REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP) – STATUS UPDATE (Pacheco)

Comment: RSTP applications were due July 17th and Kern COG staff has prepared a draft application log. A total of 19 applications were received by the deadline, requesting $27.2 million in RSTP funding.

Action: Information.

XII. PROJECT ACCOUNTABILITY TEAM REPORT (Pacheco)

Comment: Kern COG staff to provide the latest updates.

Action: Information.

XIII. ANNOUNCEMENTS

a. 2024 RTIP Workshop 3 – August 23, 2023 (See attached flyer for information).

XIV. MEMBER ITEMS

XV. ADJOURNMENT – The next meeting will be held on September 6, 2023.

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR MAY 31, 2023 MEETING (JUNE MEETING)

KERN COG BOARD ROOM/GO TO MEETING
1401 19th Street, Suite 300
BAKERSFIELD, CALIFORNIA

Wednesday
May 31, 2023
10:00 A.M.

SECONDARY MEETING LOCATIONS
(Teleconference):

- Palos Verdes Terrace Apartments - 5762 Ravenspur Dr, Rancho Palos Verdes, CA 90272
- Arvin City Hall - 200 Campus Drive, Arvin, CA 93203

Chairman Schlosser called the meeting to order at approximately 10:00 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Luis Topete	City of Bakersfield
	Ed Galero	City of Delano
	Travis Reed	City of Ridgecrest
	Alex Gonzalez	City of Shafter
	Craig Jones	City of Taft
	Jay Schlosser	City of Tehachapi
	Aurelio Garcia	City of Wasco
	Alexa Kolosky	County of Kern
	Lorena Mendibles	Caltrans
OTHER:	Andrea Nason	Caltrans
	Florentine Ortiz	City of McFarland
	Fatemah Ranaiefer	Fehr & Peers
	Nico Boyd	Fehr & Peers
	Jason Moody	EPS
STAFF:	Becky Napier	Rob Ball
	Ed Flickinger	Joe Stramaglia
	Bob Snoddy	Rochelle Invina-Jayasiri
	Raquel Pacheco	Irene Enriquez
	Karl Davisson	Linda Urata

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of May 3, 2023

There were no comments or questions from the committee members. Mr. Topete made a motion to approve the discussion summary, Mr. Gonzalez seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

IV. KERN BI-ANNUAL SURVEY OF TRANSPORTATION PROJECTS ON REGION SIGNIFICANT ROUTES IN THE JURISDICTIONS OF BAKERSFIELD, CALTRANS, KERN COUNTY, CALIFORNIA CITY, RIDGECREST AND SHAFTER. DUE: 5PM. FRIDAY, JUNE 16, 2023

Mr. Ball stated this survey is distributed as needed every 6 months for updates on existing and planned capacity improvements within your agency's jurisdiction. Failure to provide accurate information using the latest planning assumptions could delay federal funding approvals for transportation projects in the Kern Region. Surveys were emailed directly to the affected agencies on May 19, 2023.

Staff request for agencies sign the survey pages you edit and send them back to Kern COG by 5PM Friday, June 16, 2023. If you have any questions, please contact Vincent Liu on 661/635-2900 or vliu@kerncog.org.

This item is for information only. *Mr. Reed arrived during this item.*

V. CALL FOR PROJECTS: SENATE BILL 1, CALTRANS STATE OF GOOD REPAIR PROGRAM - TRANSIT

Ms. Enriquez announced Kern COG will be publishing Caltrans' SGR FY 2023-24 estimated annual apportionment initiated by Caltrans State of Good Repair (SGR) Program staff totaling $1,547,558. Caltrans will post the FY 2023-24 Kern region program of projects document on the CalSMART website by the end of August 2023.

Staff is requesting member agencies provide SGR proposed project titles to Kern COG no later than Friday, June 2, 2023. Please send project titles to Irene Enriquez. This item is for information only.

VI. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

Ms. Pacheco stated this is the monthly update on the activity related to the 2024 Regional Transportation Improvement Program. The draft fund estimate assumptions were adopted by the CTC on May 17th. The CTC is expected to present the draft fund estimate at the June 28-29 CTC meeting which will propose County Shares for regional agencies and determine if new programming can be proposed in the 2024 RTIP. Staff attended the STIP Guidelines Workshop on May 17th and is preparing for the June 21st RTIP workshop.

This item is for information only.

VII. INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM

Ms. Pacheco shared this is the annual project status report. Updates were due May 19th. No updates were received.

This item is for information only.

VIII. PROJECT ACCOUNTABILITY TEAM REPORT

Ms. Pacheco reported highlights include Item 1. TDA Article 3 invoices should be submitted to Bob Snoddy. Item 2. The CMAQ and RSTP applications are due by 5:00 PM on July 17th. Remember to schedule time for approval of the resolutions of local support. Item 3. The score card for CMAQ/RSTP/ATP projects shows 79% authorized. Item 4. The fiscal year 23/24 project list is provided to remind agencies to deliver early.

Chairman Schlosser asked about the obligation authority delivery report and Ms. Pacheco provided a status of projects. This item is for information only.

IX. BIENNIAL LOCAL STREETS AND ROADS SURVEY – MAY 2023

Mr. Flickinger informed a 2022 statewide biennial local streets and roads survey report was completed to help direct road maintenance funding to local jurisdictions. The results of the survey may affect SB1 road maintenance funding for your community. He reviewed the tables and maps in the report. Ridgecrest, Shafter, and Bakersfield responded to the survey from Kern County. The consultant incorporated some historical responses from 2016 to 2020 past surveys to provide 84% of the total area data. To get more accurate data in the future, he emphasized full participation is needed. Chairman Schlosser asked staff is there an opportunity for Kern COG to help collect the data for the member agencies because some agencies are understaffed. Mr. Reed shared California City enlisted a consultant, IMS Technologies that used LIDAR to collect the pavement condition data and provide GIS data.

This item was for information only.

X. KERN ADVANCED TRANSPORTATION TECHNOLOGY PROGRAM - STATUS REPORT

Ms. Urata reported as of May 15, 2023, there is a 127.9% increase in charging spaces (541 spaces) throughout Kern County over the July 2016 base month and year, when Kern COG began tracking electric vehicle charging spaces. Eleven new locations have been identified in this reporting period, adding 63 charging spaces. Kern COG will be working to capture the CALeVIP Golden State Priority funding to update the Zip Code Report in November 2023. She provided several events that happened in the past months including the U.S. Zero Emission Heavy Duty Truck Convoy, led by Golden Empire Transit's Hydrogen Fuel Cell buses and Kern COG's Sixth Annual TRANSIT*ions* Transit Symposium. She provided updates on the ATP Cycle 5 Safe Routes for Cyclists in 13 Kern County Disadvantaged Communities (SR4C) and EV Ready Communities grant projects.

Chairman Schlosser asked about how many companies are selling heavy-duty vehicles because of CARB's requirements. Ms. Urata stated staff attended the ACT EXPO in May and the convention floor was full of a range of EV vendors. She can follow up with more details. Chairman Schlosser, Mr. Reed discussed concerns on CARB's EV requirements on member agencies yet there is not enough EV supply, data on new EV vendors, and competitiveness on grants. Ms. Urata stated that part of Kern COG's EV Ready Communities' grant is going to collect data such as maintenance and service response of stations to help member agencies make informed decisions. She also encouraged that member agencies to share with one another on their EV developments in their cities.

This item was for information only.

XI. DRAFT FINAL KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO) SUSTAINABILITY STUDY PHASE 2

A Draft Final KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide incorporating extensive public and stakeholder outreach is available at https://www.kerncog.org/goods-movement. The consultant team Fehr & Pehrs and EPS presented a final report.

Members had several questions and the consultant team provided responses. Staff asked for the committee to recommend to the Transportation Planning Policy Committee to Receive and File. Chairman Schlosser made a motion to recommend, Ms. Kolosky seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously. Mr. Ball added there will be a follow-up "Next Steps" meeting.

XII. ANNOUNCEMENTS

a. Ms. Invina-Jayasiri reminded there is a 2024 RTIP Workshop 2 on Wednesday, June 21, 2023 (There is a flier attached to the agenda).
b. Ms. Enriquez reminded the TDA Article 3 claims for bike and ped facilities (i.e. class 1 bike paths, bike safety, racks, connecting sidewalks, ADA Curbs) are due Friday, June 2, 2023.

To date only $6,000 in claims have been received out of $1.05M. Instructions on making your agency's claim at: https://www.kerncog.org/tda/

c. Ms. Urata provided an update of EV manufactures data from the Department of Energy Alt Fuel data on EV manufacturers.

XIII. MEMBER ITEMS

- Chairman Schlosser wanted to share that Mr. Hakimi reported to him the CTC has identified funding for the Phase 2 of the SR 58 Truck Climbing lanes.
- Ms. Mendibles stated the Clean California Cycle 2 Applications are due today. In addition, for request for Letters of Support please contact Ms. Mendibles or Mr. Braden Duran.

XIV. ADJOURNMENT – Meeting adjourned at 11:08 am. The next meeting will be held on July 5, 2023 (may be dark).

Kern Council of Governments

IV.
TTAC

August 2, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Irene Enriquez, Regional Planner

SUBJECT: TTAC AGENDA ITEM: IV.
KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR FY 2023-24 PROGRAM OF PROJECTS

DESCRIPTION:

Caltrans State of Good Repair (SGR) Transit Program allocates annual funds from Senate Bill No.1 legislation to the Kern region.

DISCUSSION:

The Road Repair and Accountability Act of 2017, Senate Bill (SB) 1 (Chapter 5, Statues of 2017), signed by the Governor on April 28, 2017, includes a program that will provide additional revenues for transit infrastructure repair and service improvements. This investment in public transit will be referred to as the State of Good Repair (SGR) Program. This program receives funding of approximately $125 million annually. SGR funds are to be made available for eligible transit maintenance, rehabilitation, and capital projects.

SB 1 emphasizes the importance of accountability and transparency in the delivery of California's transportation programs. Therefore, to be eligible for SGR funding, potential agencies must comply with various reporting requirements. The SGR Guidelines will describe the general policies and procedures in carrying out the reporting requirements and other statutory objectives of the Road Repair and Accountability Act of 2017.

Kern COG staff has prepared the fiscal year 2023-24 **SGR** Program of Projects (POP) totaling 1,547,558 (See attachment "A").

ACTION:
Recommend the Transportation Planning Policy Committee adopt the fiscal year 2023-24 SGR Program of Projects. ROLL CALL VOTE.

Attachment: Attachment "A" Fiscal year 2023-24 SGR Program of Projects

State of Good Repair Draft Program Program Attachment "A"

of Projects Kern County FY 2023/2024

Agency	Project Description	99313	99314	Total apportionment	Project Amount
Arvin	Match funds for the transit Microgrid (infrastructure).	$35,161	$685	$35,846	$35,846
California City	Farebox rehabilitation	$22,553	$284	$22,837	$22,837
Delano	Rehab/Renovate - Administrative Facility	$81,568	$3,081	$84,649	$84,649
GET	Planning/engineering & design of new Facility- Mt Vernon	$882,844	$64,861	$947,705	$947,705
Kern Transit	Purchase 2 cutaway buses	$260,421	$13,174	$273,595	$273,595
McFarland	Transit Facility	$22,431	$134	$22,565	$22,565
Ridgecrest	Build funding to purchase an Electric Transit Van	$47,262	$1,756	$49,018	$49,018
Shafter	Purshase a hybrid van	$32,659	$635	$33,294	$33,294
Taft	Replacement of Stock with Electric Bus and Related Infrastructure	$11,407	$3,971	$15,378	$15,378
Tehachapi	Rehabilitaion/Improvement of existing access to Transit Center	$19,179	$312	$19,491	$19,491
Wasco	Upgrade & Modernize CNG Fueling	$42,829	$351	$43,180	$43,180
Regional Totals		$1,458,314	$89,244	$1,547,558	$1,547,558
Regional Surplus					**Regional Surplus Amt.**
					$0

Kern Council of Governments

V.
TTAC

August 2, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: Ahron Hakimi,
Executive Director

By: Irene Enriquez, Regional Planner

SUBJECT: TTAC AGENDA ITEM: V.
TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 2023-24 PROGRAM OF PROJECTS

DESCRIPTION:

Kern Council of Governments, acting in the capacity as the state-designated Regional Transportation Planning Agency, administers funding for the Transportation Development Act Article 3 Program.

DISCUSSION:

Article 3 funds are used to pay for bicycle and pedestrian safety programs, bicycle parking facilities, and bicycle and pedestrian travel facilities. **Approximately $1,076,480 is available for distribution in this funding cycle.**

Standardized criteria are used to evaluate project prioritization. Bicycle parking and bicycle and pedestrian safety programs have the highest priority, with the remaining funding split 70%-30% between bicycle and pedestrian travel facilities. No more than forty (40) percent of the available annual funding allocation ($1,076,480) shall be approved to a single claimant. Kern COG staff have reviewed the applications and verified project scoring. The following projects are recommended for funding:

ACTION: Recommend adoption of fiscal year 2023-24 Transportation Development Act Article 3 Program of Projects to the Transportation Planning Policy Committee. ROLL CALL VOTE.

Attachment A - Fiscal year 2023-24 TDA Article 3 Program of Projects

Attachment A - Fiscal year 2023-24 TDA Article 3 Program of Projects

1st PRIORITY PROJECTS – Bike Facilities and Safety Programs		
Jurisdiction	**Project**	**Cost**
Kern County	Bike Facilities	$21,000
Ridgecrest	Bike Facilities	$3,000
Shafter	Bike Facilities	$3,000
Taft	Bike Facilities	$3000
Wasco	Bike Facilities	$3,000
Kern County	Bike Safety	$24,000
Wasco	Bike Safety	$2,000
Total		$59,000
Balance of remaining funds		**$1,017,480**
2nd PRIORITY PROJECTS – Bike Paths		
Tehachapi	Complete class II bike lane on westside of Dennison Rd. between Valley Blvd. and Pinon St.	$212,000
Balance of remaining funds		**$805,480**
3rd PRIORITY PROJECTS – Pedestrian Facility Projects		
Taft	10th St pedestrian improvements from Supply Row to Main St. ADA ramps, curb and gutter	$194,500
Balance of remaining funds		**$610,980**
Shafter	Pedestrian improvements along Shafter Ave. between Lerdo Hwy. and James St. wheelchair ramp, cross gutters, curb, and gutter	$157,500
Balance of remaining funds		**$453,480**
Wasco	Pedestrian Improvements 11th St. From D St. to Birch Ave. new sidewalk curb and gutter, ADA compliant ramps	$451,000
Total amount fundable (40% restriction)		$425,592
Total remaining project balance		$25,408
Balance of remaining funds		$27,888
Tehachapi	Dennison Rd. between Valley Blvd. and Pinon St new sidewalk curb and gutter ADA ramp	$135,000
Total amount fundable		$27,888
Total remaining project balance		$107,112
Balance of remaining funds		$0
Kern County/City of Bakersfield	Belle Terrace Sidewalk Project new sidewalks, fill sidewalk gaps, ADA ramps	$750,000
Total amount fundable		**$0**
Total remaining project balance		$750,000
Total Pedestrian facility Projects		$1,688,000
Grand total of FY 2023-24 TDA-3 Projects		$1,959,000

Kern Council of Governments

VI. TTAC

August 2, 2023

TO: Transportation Technical Advisory Committee

FROM: Ahron Hakimi,
Executive Director

By: Angelica Banuelos, Administrative Assistant

SUBJECT: TTAC AGENDA ITEM VI:
FY 2023-24 TDA PUBLIC TRANSIT CLAIM – CITY OF BAKERSFIELD - AMTRAK
FY 2022-23 TDA PUBLIC TRANSIT CLAIM – CITY OF DELANO
FY 2022-23 TDA PUBLIC TRANSIT CLAIM – CITY OF RIDGECREST
FY 2016-17 TDA PUBLIC TRANSIT & STREETS & ROADS CLAIM – CITY OF CALIFORNIA CITY

DESCRIPTION

According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The cities of Bakersfield, Delano, Ridgecrest, and California City have submitted TDA claims which total $ 5,113,614.

DISCUSSION

Kern COG staff has received and reviewed the following TDA Public Transit and Streets & Roads claims by the July 21, 2023, TTAC agenda deadline:

Claimants	LTF	STAF	TOTAL
FY 2023-24 Public Transit City of Bakersfield – Amtrak	$ 681,871	$ 0	$ 681,871
FY 2022-23 Public Transit City of Delano	$ 1,618,956	$ 401,591	$ 2,020,547
FY 2022-23 Public Transit City of Ridgecrest	$ 1,693,088	$ 202,635	$ 1,895,723
FY 2016-17 Public Transit City of California City	$ 15,959	$ 23,723	$ 39,682
FY 2016-17 Streets & Roads City of California City	$ 0	$ 495,791	$ 495,791
Regional Claims Total	**$ 4,009,874**	**$ 1,123,740**	**$ 5,113,614**

This claim has been evaluated in accordance with the following criteria: 1) Conformance with the Regional Transportation Plan; 2) Participation in the California Driver Pull Notice Program; 3) Adherence to the applicable farebox return ratio; and 4) Compliance with PUC Section 99314.6 Operations qualifying Criteria. Staff recommends approval.

ACTION:

Review TDA Public Transit and Street & Roads Claims for the Cities of Bakersfield, Delano, Ridgecrest and California City and recommend approval to the Transportation Planning Policy Committee. ROLL CALL VOTE.

Kern Council of Governments

VII.
TTAC/
RPAC

August 2, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC) AND REGIONAL PLANNING ADVISORY COMMITTEE (RPAC)

FROM: Ahron Hakimi,
Executive Director

BY: Rob Ball, Deputy Director/Planning Director
Rochelle Invina-Jayasiri, Regional Planner
Linda Urata, Regional Planner
Vincent Liu, Regional Planner
Irene Enriquez, Regional Planner

SUBJECT: TTAC/RPAC AGENDA ITEM: VII.
SUSTAINABLE COMMUNITY GRANTS/COG ASSISTANCE REQUESTS AND FEEDBACK MONITORING DATA - **EMAIL REQUESTS DUE TO KERN COG FRIDAY, SEPTEMBER 29, 2023**

DESCRIPTION
The 2022 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) includes a strategy to provide sub regional feedback on SB 375 travel reduction goals and provide technical assistance and grant writing assistance to help sub areas of the County that need it most. This is an annual process reviewed by the TTAC and RPAC.

DISCUSSION:
A new 2-part strategy was proposed in the 2014 RTP/SCS, and continued in subsequent cycles, to help our member agencies voluntarily monitor their progress toward the region's air emission goals. The strategy also helps member agencies develop projects that will better compete for funding under policies that emphasizes sustainability. Kern COG provides monitoring data along with technical assistance and grant writing assistance. The data provides sub-regional monitoring feedback and helps prioritize assistance using the regional travel model as part of this process.

COG Technical Assistance

The 2014 RTP was the first to contain an SCS as required by the state Climate Protection Act of 2008 (SB 375). Kern COG began work with member agencies on developing more sustainable projects and strategies immediately after the adoption of the 2008 Kern Regional Blueprint.

Since 2009, Kern COG has awarded over $500,000 in technical assistance grants and/or staff time support to provide member agencies with resources to identify and implement projects that would further the goals of the 2008 Kern Regional Blueprint and now the SCS. Available funding for Kern COG technical assistance grants, and staff time support to assist member agencies in applying for the numerous grant resources varies from year to year based on need and resource availability. This program has helped fund:

- In kind staff-time match for sustainable community planning grants for modeling/public outreach
- Regional travel demand modeling and GIS mapping support
- community bike and complete street plans
- community visioning/design workshops
- 2D/3D community visualizations
- transportation impact fee programs
- general plan circulation element updates
- Early transportation project development planning studies

Member Agencies Email Sustainable Community Planning/Project Development Ideas to Kern COG by Friday, September 29, 2023 - Under this Kern COG local government assistance program, staff can recommend that technical assistance resources be prioritized for agencies with the greatest potential need (see monitoring section below). Agencies must request technical assistance in writing by September 29, 2023 for consideration. Requests may be made by email and should include a brief preliminary scope and budget regarding the planning level work needed. Agencies are encouraged to contact COG staff for assistance in developing the request for sustainable community strategy implementation and planning funds. Staff will provide assistance to member agencies in deciding which grant resources (see attachment 1) are most appropriate and effective. Please contact Rob Ball - 661-635-2902, rball@kerncog.org or Irene Enriquez - 661-635-2918, ienriquez@kerncog.org.

Member Agencies Provided with Free Access to GrantFinder.com - Kern COG has secured GrantFinder software licenses on behalf of its member agencies, and local public transit agencies for the period ending March 30, 2024, which may be extended. GrantFinder (http://grantfinder.com) is a real-time database of federal, state, and private grant opportunities tailored to municipalities and nonprofits. The program allows users to tailor their grant searches to their needs. To receive access, the member agency may designate up to two users on the attached form and return it to Linda Urata, Regional Planner. Currently all member agencies have access except for the cities of Shafter and Tehachapi. GrantFinder training is available by request; Program contact: Linda at 661-635-2904 or lurata@kerncog.org or Susanne Campbell scampbell@kerncog.org.

Prioritized Funding Policy for More Sustainable Projects - In November 2012 and most recently updated in April 2021, the Kern COG Board adopted the new project delivery policies and procedure (https://www.kerncog.org/policies/) to assist the region in promoting projects that better match the goals of the RTP/SCS. Dependent on the funding category, the procedure provides points for ranking projects for future funding. Up to half of the points go to projects that promote more sustainable/livable communities and lower air emissions. Since this policy and procedure update, Kern COG has funded park & ride facilities in California City and South Bakersfield, the Golden Empire Transit District has implemented a new/more convenient bus rapid transit, express bus and On Demand microtransit network, and the City of Tehachapi has adopted the first city-wide "form-based-code" General Plan in California. These types of projects are proliferating in the region in part because of the Kern COG adopted project delivery policies.

Monitoring Data Feedback

The table in Attachment 2 shows the latest modeling of auto Vehicle Miles Traveled (VMT) per person (household population + employment by place of work) from the most recently adopted RTP. The total shows a 2.6 percent decrease in VMT between 2020 and 2022. All regions show lower VMT per capita household population + employment by 2046 compared to 2020 except for Greater Taft, Arvin and Tehachapi.

This technical and grant writing assistance program RTP strategy will continue to be funded as planning funds and grants are available. Subject to the Board's direction, Kern COG resources may be prioritized

to communities that may be showing difficulty in making progress towards reducing emissions and passenger vehicle travel. Grants and incentives are subject to state and federal funding requirements.

Attachments
Attachment 1 – Kern Sustainable Community Grant Resources – August 2023
Attachment 2 – Kern 2022 RTP/SCS Change in Daily Auto Miles Traveled
Attachment 3 - Kern Sub Area Index and Vehicle Miles Traveled Maps

ACTION:
Information. Technical/grant writing and other assistance email requests from member agencies are due to Kern COG by 5 p.m. Friday, September 29, 2023.

Attachment 1

Kern Sustainable Community Grant Resources–August 2023

Local Programs

Kern COG Technical Assistance Program – Email Request to Rob Ball rball@kerncog.org **due by Friday, 5PM September 29, 2023 by 5 p.m.**
Requests may be made by email and should include a draft scope, budget, and timeline regarding the planning need. Agencies are encouraged to contact COG staff for assistance in developing the request for planning resources and strategizing which sources are most appropriate. Awards are subject to available funding, need, and past geographic distribution of past awards. The awards will be used in developing the programming for next fiscal year's Kern COG Overall Work Program. Past awards have included:

- Travel modeling and GIS mapping support technical support
- In-kind staff time in data collection/outreach to help match a sustainable planning grant
- Grant writing assistance
- Community bike and complete street plans
- Community visioning/design workshops
- Transportation impact fee programs
- General plan circulation element updates
- Transportation project development planning studies

Kern COG GrantFinder Software Licenses - Kern COG maintains a license with Lexipol for GrantFinder Software. Member agencies can have up to two users for this software. In Q1 2023-24, Kern COG will contact the member agencies to renew authorization of the member agency software-user contacts. License holders may receive technical support from Lexipol. Contact Linda Urata urata@kerncog.org, Susanne Campbell scampbell@kerncog.org or Irene Enriquez ienriquez@kerncog.org for more information.

Kern COG Online Resources
To support grant applications Kern COG posts regional plans, resources and toolkits on the Kern COG website www.kerncog.org. For example:

- **2022 Regional Transportation Plan Chapter 4 - Sustainable Communities Strategy** provides projects and strategies for implementing Kern efforts to reduce GHG emissions from passenger vehicles. https://www.kerncog.org/2022-rtp/
- **2019 EV Charging Station Installation Resources List**, and the 2019 EV Charging Station Blueprint to its website. Kern COG will produce a 2024 EV Charging Station Blueprint in the coming year.: https://www.kerncog.org/wp-content/uploads/2022/06/EVCS_Toolkit_Resources_202206.pdf
- **2023 Kern Medium-Duty and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprint** featured five high-impact sites which may serve as examples to follow. The five sites may be eligible for a new CEC funding program to be launched in Q2 or Q3. The Blueprint is posted here: https://www.kerncog.org/wp-content/uploads/2023/04/2023__MD-HD_ZEV_Infrastructure_Blueprint.pdf
- **2018 Kern Regional Active Transportation Plan** provides eligible bike and pedestrian projects for all jurisdictions in Kern. https://www.kerncog.org/bicycle-plans/
- **2020 Kern County Rural Alternative Transportation Plan** provides transit ZEV projects for all outlying jurisdictions in Kern https://www.kerncog.org/public-transportation/

San Joaquin Valley Air Pollution Control District
Grants and Incentive Programs - http://valleyair.org/grants/ - Some **applications accepted year-round.**

- **Bike Paths** provides funds to establish bicycle infrastructure such as Class I or Class II bicycle paths
- **E-Mobility Commerce** provides funds to develop or expand electronic telecommunication services
- **Public Benefit** provides funds to purchase new, alternative-fuel vehicles and infrastructure and develop advanced transit and transportation systems
- **Charge Up!** Provides funds for businesses and public agencies to purchase and install electric vehicle chargers for public use.
- **Plug in Electric Vehicle Resources Center** provides information about plug-in electric vehicles including available incentive funding, charging infrastructure and locations, and the district's activities to increase and sustain electric vehicles in the Valley
- **Public Transportation Subsidy and Park & Ride Lots** provides funds to subsidize transportation passes for bus, shuttle and commuter rail services. Funds are also available for the construction of park and ride lots
- **Public Agency Programs: Click the tab to learn more about Emergency Vehicle Replacement Program, Alternate Fuel Mechanic Training - Heavy Duty Waste Haulers - School Bus Programs**
- **AB 836 Wildfire Smoke 'Clean Air Centers'** check the website to learn if the program funding is available in late summer or fall 2023
- **AB 617 Programs exist in Arvin and Shafter.** Funding will be directed by a Community Emission Reduction Program. Currently no information on another round of community selection.

Eastern Kern Air Pollution Control District
DMV Grant and Voucher Program – Contact: 661-862-5250.
NOTE: Some grant funds are distributed annually. Check the website.
http://www.kernair.org/Main_Pages/grants.html

- **DMV Vehicle Voucher Program** is currently closed for 2023
  - $4,000 funding available for the purchase of a Zero Emission Vehicle (ZEV) with an EPA Smog Score of 10
  - $2,000 funding available for the purchase of a Partial Zero Emission Vehicle (PZEV) with an EPA Smog Score of 8 or 9
- **DMV Grant** Program ($50k max. per project) Projects include: Paving Dirt Roads to reduce fugitive dust emissions caused by vehicle travel, Installation of EV Charging Station or CNG refilling stations, Alternative Fuel Mechanics Training, Public Education Courses, and Innovative Vehicle-Related Emission Reduction Proposals accepted. **Applications opened annually. 2023 program closed March 9, 2023. Check the website in late 2023 for the next round of funding.**

Kern County Air Pollution Mitigation Fund for projects designed to reduce particulate or ozone air pollution in Kern and is administered by the Rose Foundation for Sierra Club.
https://rosefdn.org/kern-county-air-pollution-mitigation-fund

State Programs

UpLift California Resource Guide – http://upliftca.org/resource-finder/ Whether you're a community group looking to plant trees or expand clean transit, or a family looking to cut your electricity bill, find electric car rebates or get help with energy conservation, find out how California's climate investments can help you. UpLiftCA was created by The Greenlining Institute in partnership with several organizations involved in finding solutions for the impacts from air pollution and climate change on California's underserved communities.

Caltrans
- **Transportation Planning Resources** – https://dot.ca.gov/programs/transportation-planning

- **Sustainable Transportation Planning Grants FY 2023-2024** – Currently closed. Applications scheduled released in January 12, 2023 with a due date March 9, 2023. https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants
- **Active Transportation Program (ATP)--** https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program The California Transportation Commission (CTC) ATP Cycle 6 Call for Projects closed on March 16-17, 2022, and closed on June 15, 2022. For MPO-directed funding, the Kern COG process follows the statewide application process, using that process to score projects for Kern COG consideration. Kern COG announces the ATP Cycle funding to its member agencies via email and in technical advisory committee meetings. There is no schedule for Cycle 7 at this time.

Strategic Growth Council (SGC)
- **Affordable Housing and Sustainable Communities (AHSC)** Program make it easier for Californians to drive less by making sure housing, jobs, and key destinations are accessible by walking, biking, and transit. AHSC Round 7 application deadline was April 4,2023. Awards were adopted August 7, 2023. https://sgc.ca.gov/programs/ahsc/
- **Transformative Climate Communities** (TCC) Program empowers the communities most impacted by pollution to choose their own goals, strategies, and projects to reduce greenhouse gas emissions and local air pollution. The SGC Round 5 application process closed on August 3, 2023, with awards scheduled to be approved by December 14, 2023. The TCC Program does not currently have funding allocated a sixth round of awards. https://sgc.ca.gov/programs/tcc/

California Housing and Community Development Department
- The California Department of Housing and Community Development (HCD) has a list of housing programs that currently have funding available: https://www.hcd.ca.gov/grants-and-funding
- Super NOFA-Announced May 2023 and closed July 12, 2023, combined four programs into one application: Multifamily Housing Program (MHP), Infill Infrastructure Gant (IIG) Program, Veteran's Housing and Homelessness Prevention (VHHP) Program, and Joe Serna, Jr. Farmworker Housing Grant (FWHG) Program.

California Natural Resources Agency - https://resources.ca.gov/grants
The California Natural Resources Agency Bonds and Grant unit administers various programs. They offer listserv registration for some program notifications. For instance, the Environmental Enhancement and Mitigation Program is an annual program (solicitation closed for 2023) offering grants to local, state and federal governmental agencies and to nonprofit organizations for projects to mitigate the environmental impacts caused by new or modified public transportation facilities. Visit the website to obtain information about the various programs (including an extensive 43-page list of "other" funding programs), project eligibility requirements and application due dates.

California Air Resources Board – https://www.arb.ca.gov/ba/fininfo.htm
Air Pollution Incentives, Grants and Credit Programs - Multiple granting programs. Visit the website to obtain project eligibility requirements and application due dates. It is recommended to join relevant listservs.

California Energy Commission - https://www.energy.ca.gov/funding-opportunities
The California Energy Commission offers a variety of funding opportunities to advance the state's transition to clean energy and transportation through innovation, efficiency, and the development and deployment of advanced technologies. It is recommended to join relevant listservs.

Federal Programs

Federal Funding Opportunities: Visit the Federal grants portal and create an account using your agency's Unique Entity Identifier (UEI). https://www.grants.gov/

United States Department of Energy | Energy Efficiency & Renewable Energy |Alternative Fuels Data Center - Alternative Fuels Data Center: https://afdc.energy.gov/states/ca
California Transportation Data for Alternative Fuels and Vehicles: - Find transportation data and information about alternative fuels and advanced vehicles in California, including laws and incentives, fueling stations, fuel prices, and more.(https://afdc.energy.gov/laws/state_summary?state=ca)

Federal Highways Administration | Bipartisan Infrastructure Law

- **Rebuilding American Infrastructure with Sustainability and Equity (RAISE)** provides grants for surface transportation infrastructure projects that will have a significant local or regional impact (aka Local and Regional Project Assistance). https://www.transportation.gov/RAISEgrants
- **Nationally Significant Multimodal Freight and Highway Projects (INFRA)** provides grants for multimodal freight and highway projects of national or regional significance. https://www.transportation.gov/grants/infra-grants-program
- **National Infrastructure Project Assistance Program (MEGA)** provides grants to surface transportation infrastructure that are too large or complex for traditional funding programs that will have a significant national or regional impact. https://www.transportation.gov/grants/mega-grant-program
- **Rural Surface Transportation Grant Program** provides grants for projects to improve and expand the surface transportation infrastructure in rural areas to increase connectivity, improve the safety and reliability of the movement of people and freight, and generate regional economic growth and improve quality of life. https://www.transportation.gov/grants/rural-surface-transportation-grant
- **Safe Streets and Roads for All** provides grants to support local initiatives to prevent transportation-related death and serious injury on roads and streets (commonly referred to as "Vision Zero" or "Toward Zero Deaths" initiatives). https://www.transportation.gov/SS4A
- **Bridge Investment Program** provides grants for projects to improve the condition of bridges and culverts and the safety, efficiency, and reliability of the movement of people and freight over bridges. https://www.fhwa.dot.gov/bridge/bip/index.cfm
- **Reconnecting Communities Pilot Program – Planning Grants** provides grants for feasibility studies and other planning activities for projects to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. https://www.transportation.gov/grants/reconnecting-communities
- **Reconnecting Communities Pilot Program — Capital Construction Grants** provides grants for projects to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. https://www.transportation.gov/grants/reconnecting-communities
- **Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Discretionary Grants** provides grants for activities that enable communities to address vulnerabilities to current and future weather events, natural disasters, and changing conditions, including sea level rise, and plan transportation improvements and emergency response strategies to address those vulnerabilities. https://www.fhwa.dot.gov/environment/protect/discretionary/
- **Tribal High Priority Projects Program** provides grants to Indian Tribes or a governmental subdivision of an Indian Tribe whose annual allocation of funding received under the Tribal Transportation Program is insufficient to complete the highest priority project of the Tribe, or to any Tribe that has an emergency or disaster occur on a Tribal transportation facility that renders the facility impassible or unusable. https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=55
- **National Electric Vehicle Infrastructure (NEVI) Set-aside Discretionary Grant** provides10 percent set-aside each fiscal year to provide grants to provide additional assistance to strategically

deploy EV charging infrastructure. www.fhwa.dot.gov/bipartisan-infrastructure-law/nevi_formula_program.cfm

- **Charging and Fueling Infrastructure Grants Program (Community Charging)** provides grants for projects to develop electric vehicle charging and hydrogen, propane, and natural gas fueling infrastructure access along alternative fuel corridors throughout the country, including in rural areas, low- and moderate-income neighborhoods, and communities with a low ratio of private parking spaces to households or a high ratio of multiunit dwellings to single family homes. https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=144
- **Nationally Significant Federal Lands and Tribal Projects (NSFLTP) Program** provides grants to Tribes and Federal land management agencies to complete projects that will provide substantial benefits to their communities or parklands. https://highways.dot.gov/federal-lands/programs/significant?_gl=1*v0k1gl*_ga*OTc5MTQ3MDczLjE2ODk3ODY3NzM.*_ga_VW1SFWJKBB*MTY4OTc5MDA4Ni4yLjEuMTY4OTc5MDA4OS4wLjAuMA..
- **Wildlife Crossings Pilot Program** provides grants to support projects that seek to reduce the number of wildlife-vehicle collisions, and in carrying out that purpose, improve habitat connectivity for terrestrial and aquatic species. https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=133
- **National Culvert Removal, Replacement, and Restoration Grants** provides grants to fund projects for the replacement, removal, and repair of culvert or weirs that would meaningfully improve or restore fish passage for anadromous fish. https://www.fhwa.dot.gov/engineering/hydraulics/culverthyd/aquatic/culvertaop.cfm
- **Advanced Transportation Technologies and Innovative Mobility Deployment** (also known as Advanced Transportation Technology and Innovation (ATTAIN) Program) provides grants to deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment. https://ops.fhwa.dot.gov/bipartisan-infrastructure-law/index.htm?_gl=1*1oyfn7h*_ga*OTc5MTQ3MDczLjE2ODk3ODY3NzM.*_ga_VW1SFWJKBB*MTY4OTc5MDA4Ni4yLjEuMTY4OTc5MDM4My4wLjAuMA..
- **Accelerated Innovation Deployment (AID) Demonstration Program** provides grants to support the pilot/demonstration of innovations on projects, in areas such as planning, financing, operations, pavements, structures, materials, environment, and construction. https://www.fhwa.dot.gov/innovation/grants/

Note that the above listing of programs are not comprehensive and are subject to change. The listing is intended as an example resource guide of programs that can help implement the Kern region's Sustainable Communities Strategy.

Attachment 2 – How Sub Areas of Kern County are Doing on Reducing Vehicle Miles Traveled.

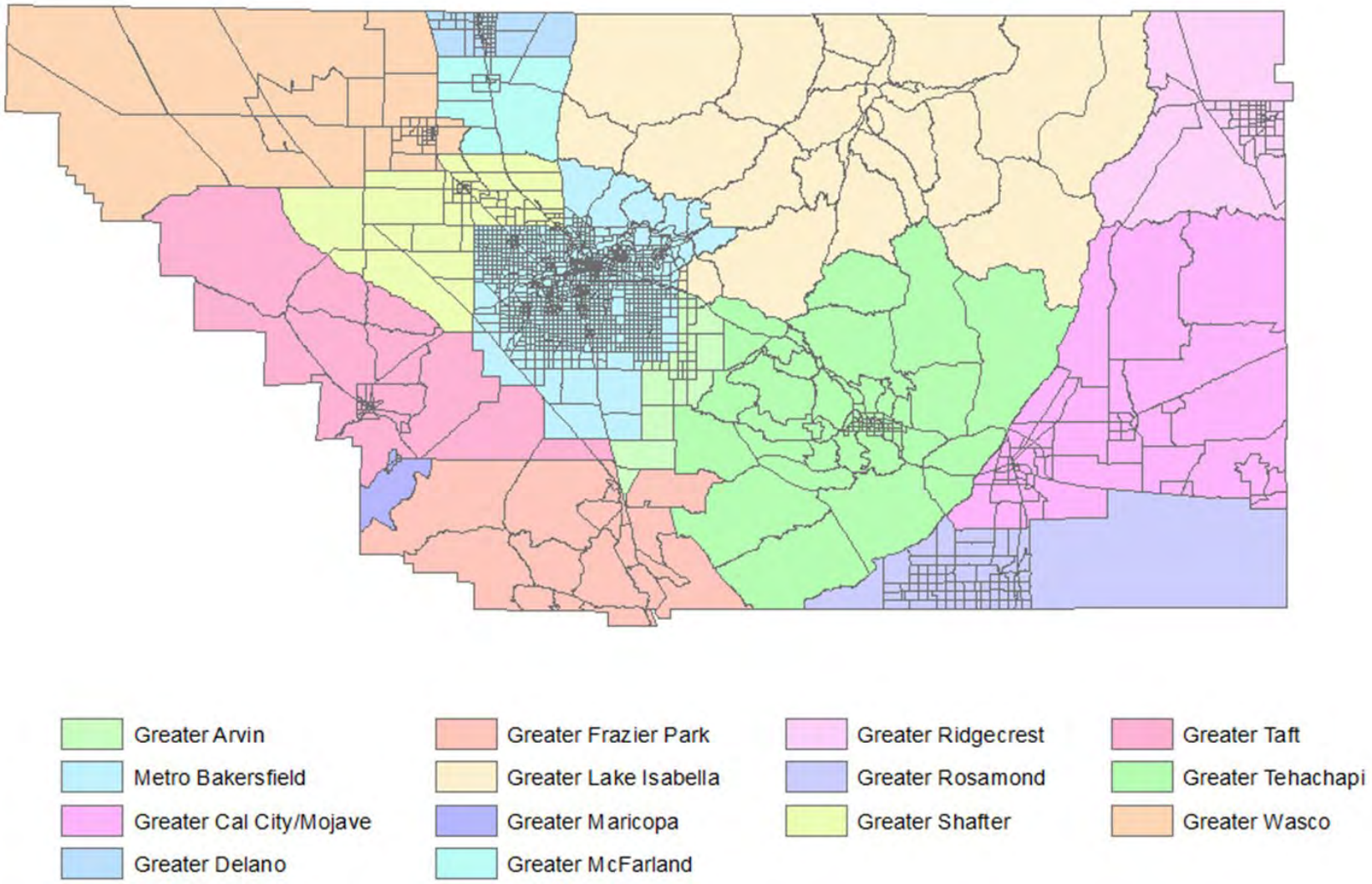
2022 RTP Change in Daily Auto Miles Traveled Compared to the Old Plan

		RSA VMT			Persons = Household Population + Employment (by place of work)			Auto Miles Traveled/Person			% Change from Base 2020		Progress Compared to Old Plan
		2020	2046 Old Plan	2046 Plan	2020	2046 Old Plan	2046 Plan	2020	2046 Old Plan	2046 Plan	2046 Old	2046 Plan	
		(miles)			(persons)			(miles/person)			(percent)		
1	Greater Taft	1,139,077	1,459,016	1,447,492	27,496	33,334	33,221	41.43	43.77	43.57	5.7%	5.2%	-0.5%
2	Greater McFarland	895,810	1,013,188	1,016,217	25,972	32,597	32,426	34.49	31.08	31.34	-9.9%	-9.1%	0.7%
3	Greater Wasco	1,477,836	1,804,142	1,771,176	38,691	53,046	52,749	38.20	34.01	33.58	-11.0%	-12.1%	-1.1%
4	Greater Tehachapi	1,588,962	1,966,921	1,920,689	40,884	54,914	54,224	38.87	35.82	35.42	-7.8%	-8.9%	-1.0%
5	Greater Bakersfield	15,674,973	19,140,950	19,128,176	792,093	1,011,853	1,016,113	19.79	18.92	18.82	-4.4%	-4.9%	-0.5%
6	Greater Cal City/Mojave	1,054,411	1,397,478	1,365,859	25,727	40,094	38,396	40.99	34.86	35.57	-15.0%	-13.2%	1.8%
7	Greater Lake Isabella	769,798	880,509	727,855	19,215	23,285	21,160	40.06	37.81	34.40	-5.6%	-14.1%	-8.5%
8	Greater Ridgecrest	775,055	802,517	736,566	49,742	58,629	58,265	15.58	13.69	12.64	-12.2%	-18.9%	-6.7%
9	Greater Frazier Park	955,022	2,570,839	3,468,996	13,788	46,682	65,164	69.26	55.07	53.24	-20.5%	-23.1%	-2.7%
10	Greater Shafter	2,173,354	3,022,792	3,057,541	47,887	73,573	73,203	45.39	41.09	41.77	-9.5%	-8.0%	1.5%
11	Greater Arvin	1,011,263	1,290,470	1,226,085	30,692	37,201	35,672	32.95	34.69	34.37	5.3%	4.3%	-1.0%
12	Greater Delano	1,626,396	1,720,906	1,703,981	63,266	72,919	72,297	25.71	23.60	23.57	-8.2%	-8.3%	-0.1%
13	Greater Maricopa	204,836	203,423	197,277	1,625	1,636	1,628	126.05	124.34	121.16	-1.4%	-3.9%	-2.5%
14	Greater Rosamond	870,768	966,958	977,382	32,894	41,336	42,061	26.47	23.39	23.24	-11.6%	-12.2%	-0.6%
	Total / Average:	30,217,561	38,240,107	38,745,291	1,209,973	1,581,100	1,596,578	24.97	24.19	24.27	-3.2%	-2.8%	0.3%
16	Gateway Travel	9,085,626	9,971,386	10,338,693									
	All Travel	39,303,187	48,211,493	49,083,984									

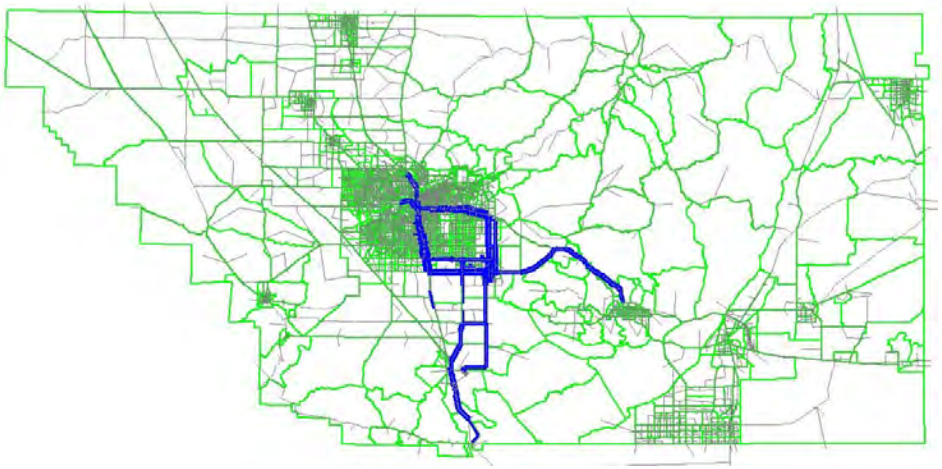
Note that this reporting is voluntary and for advisory purposes only. Future year values are estimated based on the latest land use assumptions and are updated every four years. These assumptions can vary widely from year to year based on recent changes in the local development activity and other variables. Although average travel per person includes areas outside each sub area (see spider diagram maps below), they do not include travel outside the county, possibly skewing the results of sub areas nearer the edge of the County. The analysis shows that Bakersfield and Ridgecrest have the lowest travel per person possibly because these regions are fairly self-contained having sufficient amenities such as hospitals. The 2022 RTP/SCS is the first to be accepted in the San Joaquin Valley by the California Aire Resources Board and demonstrates that Kern is on track to make state GHG targets for passenger vehicle travel if fully implemented.

Attachment 3 – Map of Sub Areas

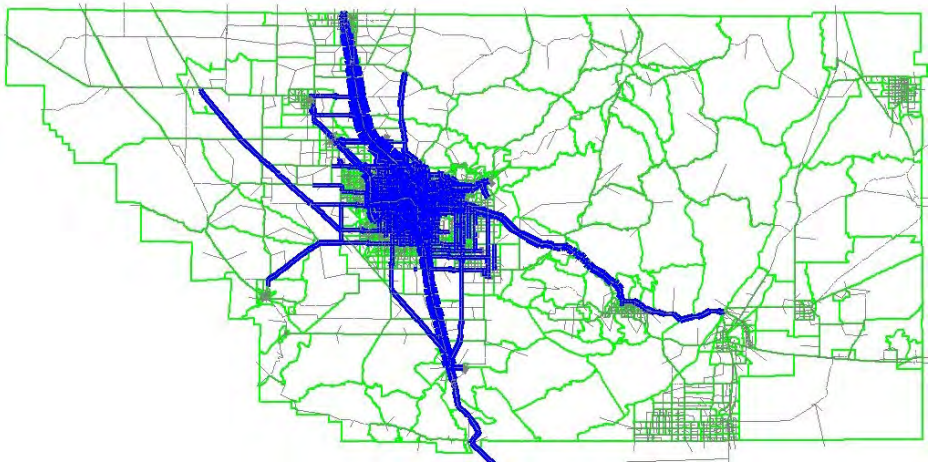
Transportation Analysis Zones (TAZs) by Regional Statistical Areas (RSAs)



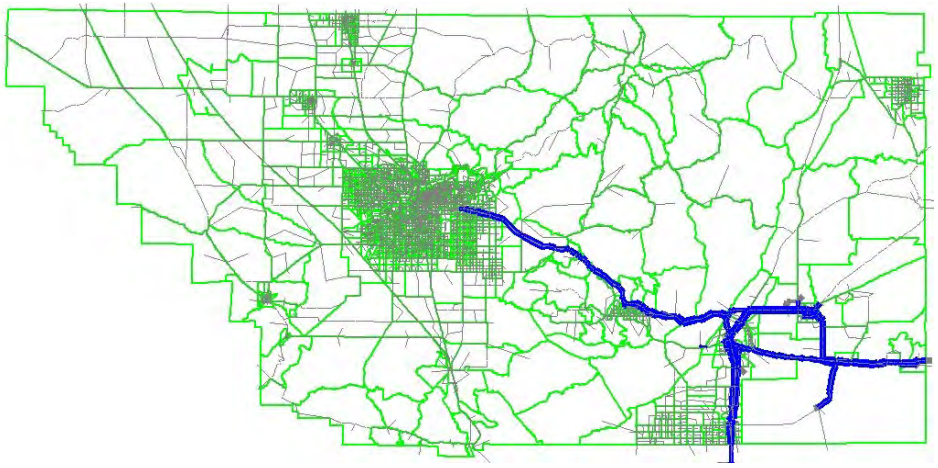
Greater Arvin



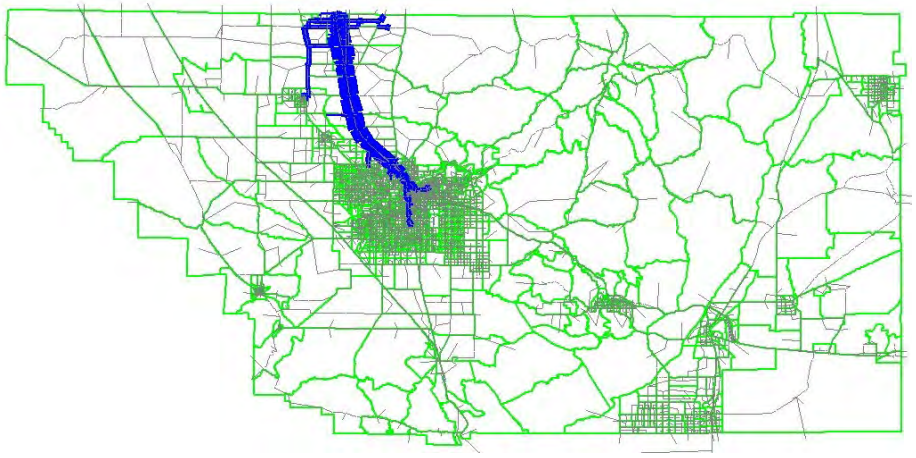
Greater Bakersfield



Greater California City / Mojave

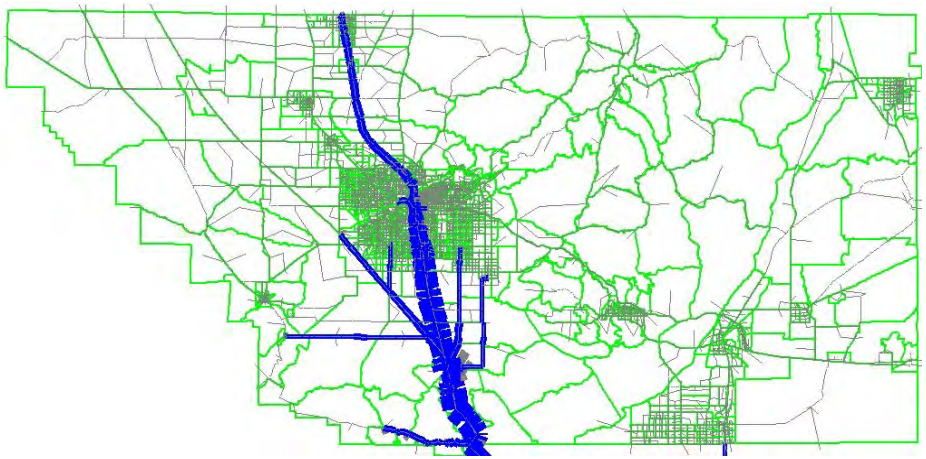


Greater Delano

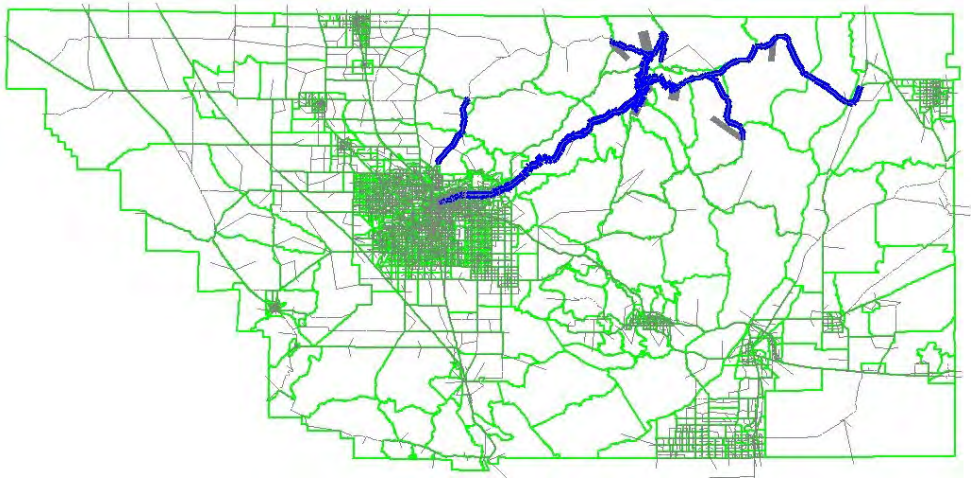


Dark blue bandwidths represent the relative traffic volume along modeled roadways originating and/or destined from each sub area or grouping of Transportation Analysis Zones (TAZs). TAZs are represented by the green boundaries. The sub area volumes are shown in attachment 2. Note that traffic traveling between sub areas is counted more than once in attachment 2 resulting in a higher total volume when summed due to double counting of the overlapping trips.

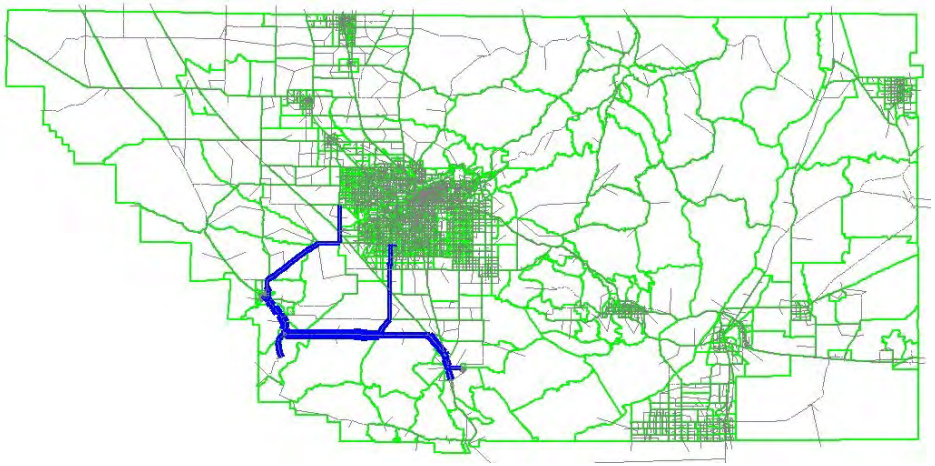
Greater Frasier Park



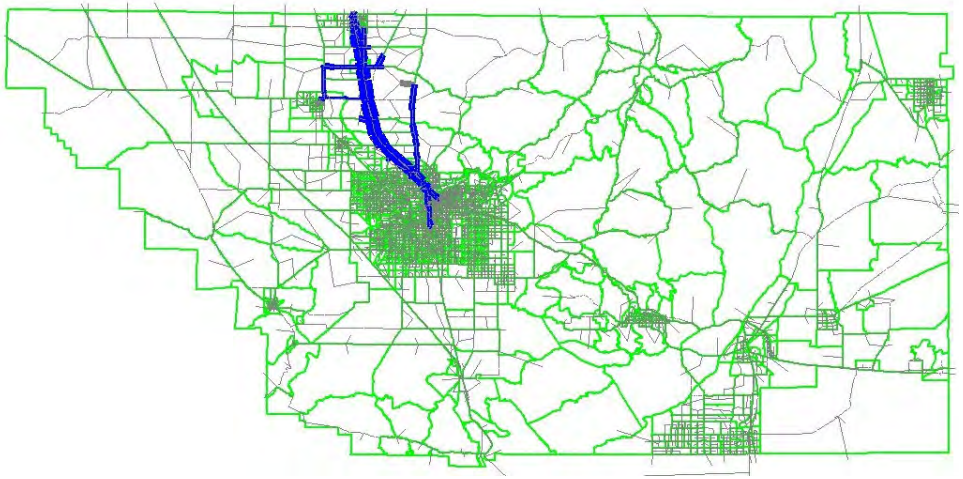
Greater Lake Isabella



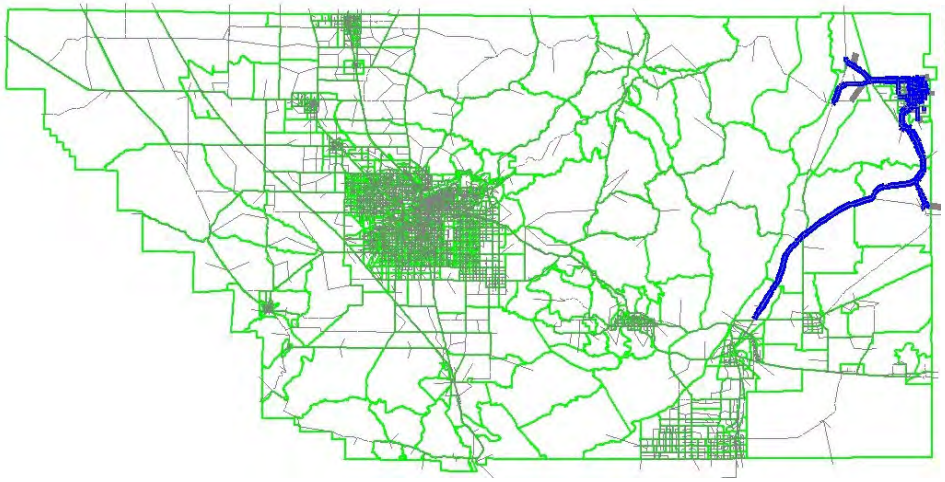
Greater Maricopa



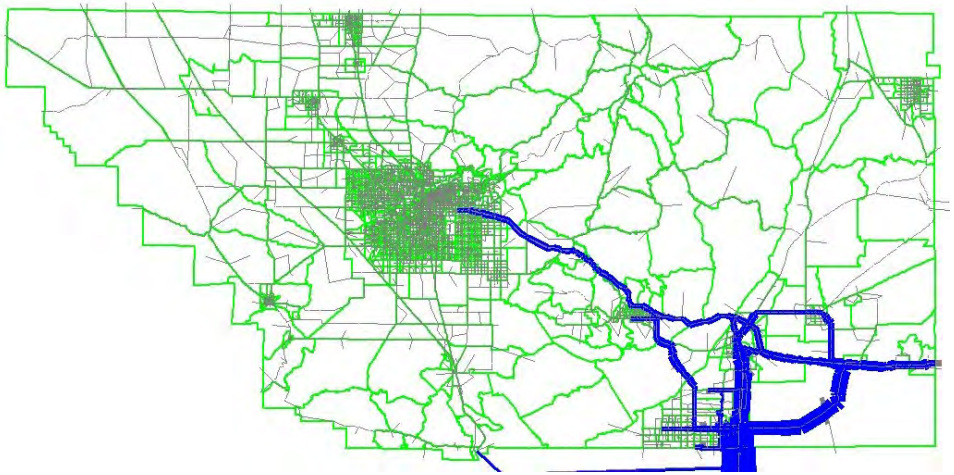
Greater McFarland



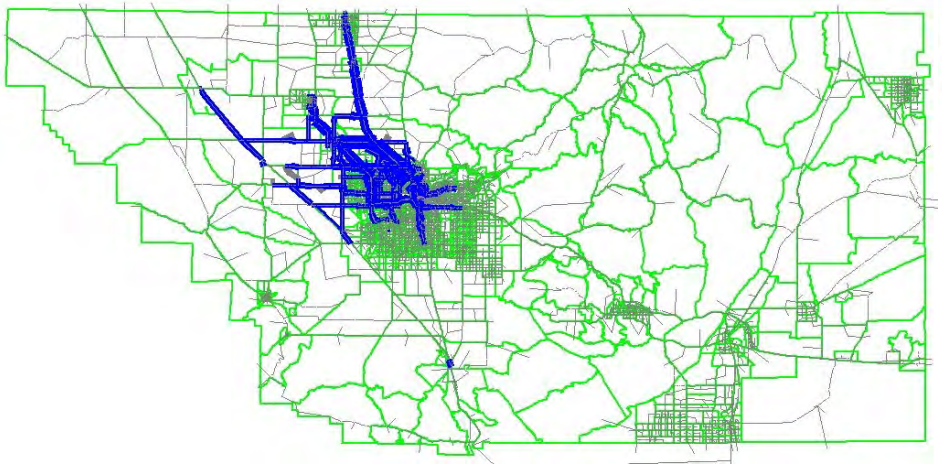
Greater Ridgecrest



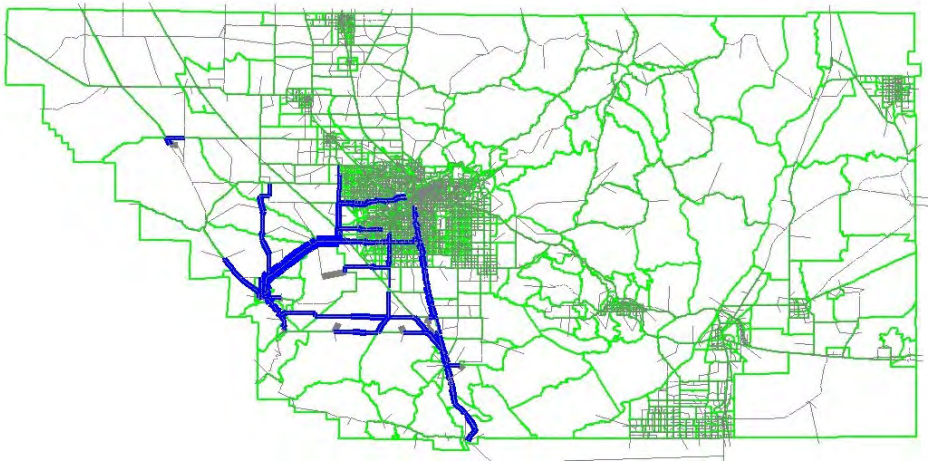
Greater Rosamond



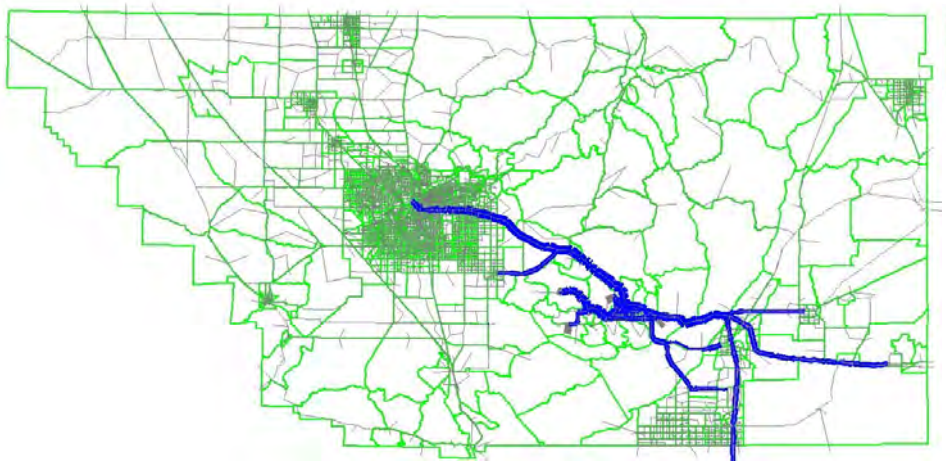
Greater Shafter



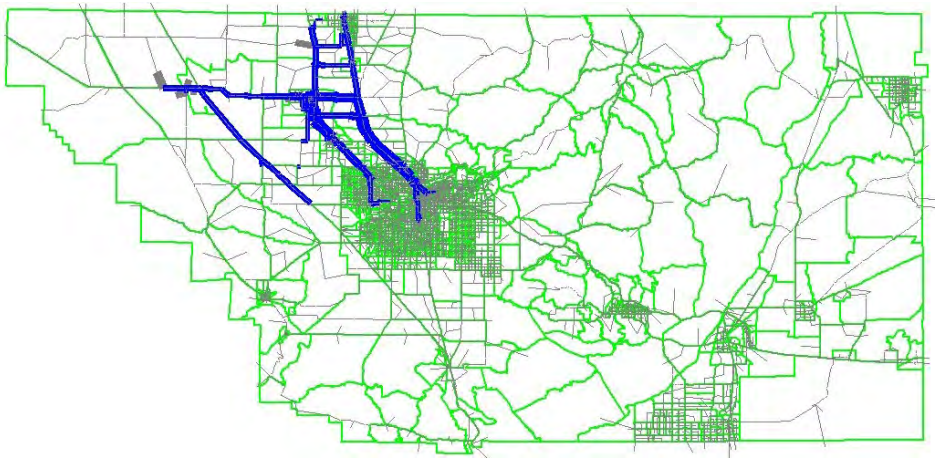
Greater Taft



Greater Tehachapi



Greater Wasco



Kern Council of Governments

VIII. TTAC

August 2, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VIII.
Federal Transportation Improvement Program (FTIP) Amendment – Timeline

DESCRIPTION:

Upcoming amendment schedule for next 2023 FTIP Amendment.

DISCUSSION:

Amendments to the Federal Transportation Improvement Program (FTIP) are a normal part of the management and use of the FTIP. The upcoming amendment will include revisions to the State Highway Operation and Protection Program, Congestion Mitigation Air Quality Program, Transit Program, and Non-Motorized Program. The next amendment schedule is provided below for your reference.

2023 FTIP AMENDMENT	
Public review period begins	Friday, August 4, 2023
TPPC meeting – public hearing	Thursday, August 17, 2023
Public review period ends	Friday, August 18, 2023
Regional approval	Monday, August 21, 2023
State approval	September 2023
Federal approval	October 2023

ACTION: Information.

Kern Council of Governments

IX. TTAC

August 2, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: IX.
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

DESCRIPTION:
Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

DISCUSSION:
At the January 25-26, 2023 meeting, the California Transportation Commission (CTC) initiated the 2024 Regional Transportation Improvement Program (2024 RTIP) process to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

This month – Staff is circulating the 2024 RTIP Capital Improvement Program – baseline version 2, based on current project updates. Staff attended the CTC 2024 STIP Fund Estimate and Guidelines Workshop on July 19, 2023. The schedule below was updated to reflect the schedule in the draft STIP guidelines. The latest draft fund estimate, which proposes County Shares for regional agencies in the 2024 RTIP, is attached. The final fund estimate and STIP guidelines are expected to be adopted at the August 16-17 CTC meeting. Staff is preparing for the August 23rd 2024 RTIP workshop where the 2024 RTIP administrative draft capital improvement program will be presented.

2024 Regional Transportation Improvement Program Schedule		
~~January 2023~~	~~CTC~~	~~Adopt 2024 STIP Fund Estimate Schedule~~ Done
~~March 22-23, 2023~~	~~CTC~~	~~Present Fund Estimate Assumptions to Commissioners~~ Done
~~April 26, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~May 17-18, 2023~~	~~CTC~~	~~Adopt Fund Estimate Assumptions~~ Done
~~June 21, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~June 28-29, 2023~~	~~CTC~~	~~Present Draft Fund Estimate~~ Done
August 16-17, 2023	CTC	Adopt Statewide Fund Estimate and Guidelines
August 23, 2023	KCOG	Regional Workshop
September 6, 2023	KCOG	Circulate Adm. Draft 2024 RTIP (TTAC)
September 13, 2023	KCOG	Regional Workshop - Tentative
October 4, 2023	KCOG	Circulate Draft 2024 RTIP (TTAC)
November 16, 2023	KCOG	Regional Adoption of 2024 RTIP CIP (TPPC)
December 15, 2023	KCOG	Submittal deadline of 2024 RTIP to the CTC
January/February, 2024	CTC	Conduct Southern/Northern California Public Hearing
March 1, 2024	CTC	CTC will circulate staff recommendation for 2024 STIP
March 21-22, 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

Current 2022 STIP as Adopted - Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding. The Truck Climbing Lanes project on State Route 58 east of Bakersfield is considered a partnership project with Caltrans, with the intent of receiving SHOPP funding in future cycles for the construction phase. SR 46 widening work was advanced in the 2022 STIP to include construction funding for Segments 4B and 4C. These last 2 segments, once constructed, will complete the delivery of the last Phase 4, 5-mile segment. Phases 1, 2, and 3 are constructed. The Hageman Flyover project was programmed for construction in the 2022 RTIP. But the project has experienced delays. A STIP amendment was subsequently submitted by Kern COG to move funding from the Hageman Flyover to a new freeway to freeway connector project at the SR 58 and 99 freeway interchange. The STIP amendment was approved at the January 25-26, 2023 CTC meeting.

2022 STIP KERN REGION PROJECT STATUS	
SR 46 Widen Segment 4B	This project is currently under construction and scheduled for completion in 2023. This project will not move forward into the 2024 RTIP.
SR 46 Widen Segment 4C	Received construction authorizations in 22-23 and scheduled to begin work in 2023. This project received full STIP and TCEP allocations. This project will not move forward into the 2024 RTIP.
SR 58 Centennial Mainline	Under construction at 81% completed & expected to be completed later this year. Final AB 3090 (STIP) payment was allocated in 2022.
SR 99/204 Hageman Flyover	The Hageman project was not likely to advance to construction as programmed in the 2022 STIP. Kern COG subsequently requested a 2022 STIP Amendment. The amendment was approved at the January 25-26, 2023 CTC meeting to remove STIP funds from Hageman and move to new STIP project to construct a new freeway to freeway connector from eastbound SR 58 from new alignment west of SR 99 to northbound 99.
SR 58 Climbing Lanes	In the environmental review phase using CRRSAA/COVID funding.
NEW - SR 58/99 Connector	New project added to the 2022 STIP. This project was approved at the January 25-26, 2023, CTC meeting, as a STIP amendment and will fund the construction phase for the new connector. The City of Bakersfield is the lead for this work.

These projects are part of the 2022 State Transportation Improvement Program, and their funding activity is tracked by the CTC, every two years, through an updated document called Report of STIP Balances County and Interregional Shares, or the Orange Book. Attachment A of this report includes the 2022 Orange Book page for the Kern Region. The CTC will provide an update for the 2024 RTIP cycle sometime in the months ahead.

Update of Kern COG Project Delivery Policies and Procedures – In 2019, the Kern COG Board adopted the latest version of the Kern COG Project Delivery Policies and Procedures document which included updates to Chapters 1, 2 and 3. Chapter 3 focuses on the Regional Transportation Improvement Program process. The update included changes that provided consistency with STIP guidelines and other discretionary transportation programs.

ACTION: Information.

Enclosures:

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments
Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops
Attachment D: KCOG RIP 60/40 Status
Attachment E: 2024 RTIP Capital Improvement Program – Baseline v2
Attachment F: Draft 2024 STIP Fund Estimate

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)

2022 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

($1,000's)

Total County Share, June 30, 2021 (from 2021 Report)	86,641
Adjustment for 2019-20 and 2020-21 lapses	0
Less 2020-21 Allocations and closed projects	(46,091)
Less Projects Lapsed, July 1, 2021-June 30, 2022	0
2022 STIP Fund Estimate Formula Distribution	22,452
Total County Share, June 30, 2022	63,002

Kern

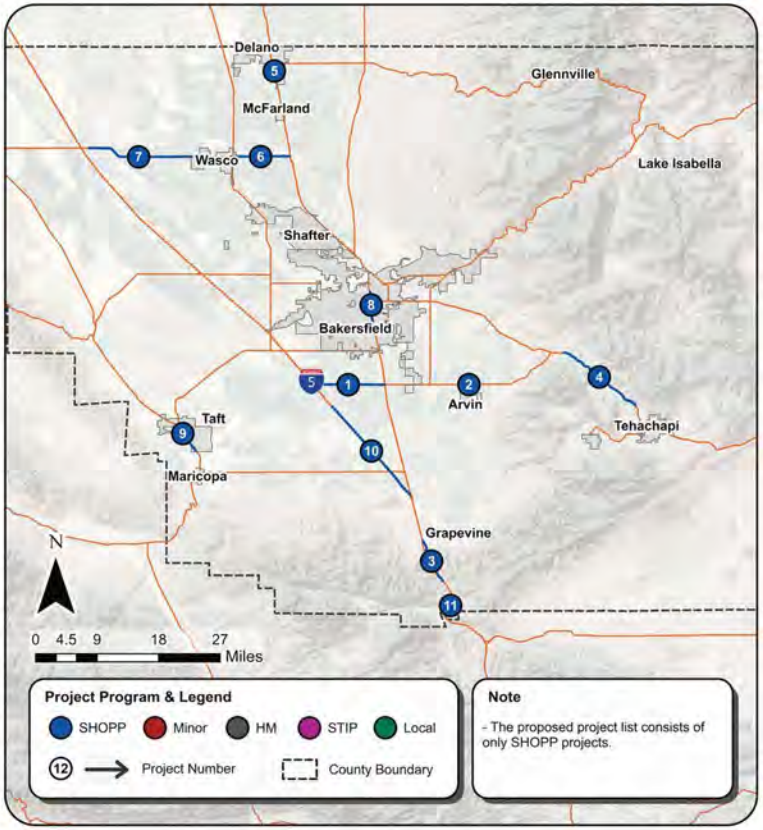
Agency	Rte	PPNO	Project	Ext	Del.	Voted	Total	Project Totals by Fiscal Year						Project Totals by Component					
								Prior	22-23	23-24	24-25	25-26	26-27	R/W	Const	E & P	PS&E	R/W Sup	Con Sup
Highway Projects:																			
Kern COG		6L03	Planning, programming, and monitoring			Dec-21	300	300	0	0	0	0	0	0	300	0	0	0	0
Bakersfield	cash	3705B	AB 3090 Reimbursement (Westside Pkwy-Ph 1)(18S-07)			Jun-22	18,963	0	18,963	0	0	0	0	0	18,963	0	0	0	0
Caltrans	14	8042B	Freeman Gulch widening-Segment 2 (RIP 40%)				1,960	1,960	0	0	0	0	0	0	0	0	1,960	0	0
Caltrans	46	3386E	Widen 4 lns, Browns Material Rd-CA Aqueduct, Seg 4C				13,995	5,450	8,545	0	0	0	0	2,750	4,445	0	2,100	600	4,100
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204				25,593	0	0	0	0	25,593	0	0	25,593	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring				2,191	0	300	300	591	500	500	0	2,191	0	0	0	0
			Subtotal, Highway Projects				63,002	7,710	27,808	300	591	26,093	500	2,750	51,492	0	4,060	600	4,100
	Total Programmed or Voted since July 1, 2021						63,002												
COVID Projects																			
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204 (20S-26)			Oct-21	2,686	0	2,686	0	0	0	0	2,686	0	0	0	0	0
Caltrans	58	2664	Truck Climbing Lane, e/b, PM 76.3-79.8(20S-26)				2,272	2,272	0	0	0	0	0	0	0	2,272	0	0	0
	Total Programmed or Voted since July 1, 2021						4,958	2,272	2,686	0	0	0	0	2,686	0	2,272	0	0	0

Balance of STIP County Share, Kern	
Total County Share, June 30, 2022	63,002
Total Programmed or Voted Since July 1, 2021	63,002
Unprogrammed Share Balance	0
Share Balance Advanced or Overdrawn	0
COVID Programming	
Target	6,414
Total Programmed or Voted Since July 1, 2021	4,958
2021-22 Lapsed Projects	0
Less 2020-21 Allocations	0
Under (Over) Target	1,456

Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROPOSED PROJECT LIST (YEARS 6-7)

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROPOSED PROJECT LIST (YEARS 6-7)								
1	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	Proposed	$9,877	2024/25
2	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
3	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25
4	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
5	1A810	6	99	54.6 / 54.61	Delano Facility. Reconstruct Building	ENV	$3,486	2025/26
6	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
7	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
8	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
9	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
10	0W930	6	5	15.9R / 30.0	KER I5 CAPM / Remove .35' HMA and Place .25' HMA and 0.10' RHMA.	ENV	$35,406	2025/26
11	0X570	6	5	.73 / 1.08	Tejon SRRA Water & Wastewater Upgrades / Upgrade Water and Wastewater Systems	ENV	$10,170	2025/26



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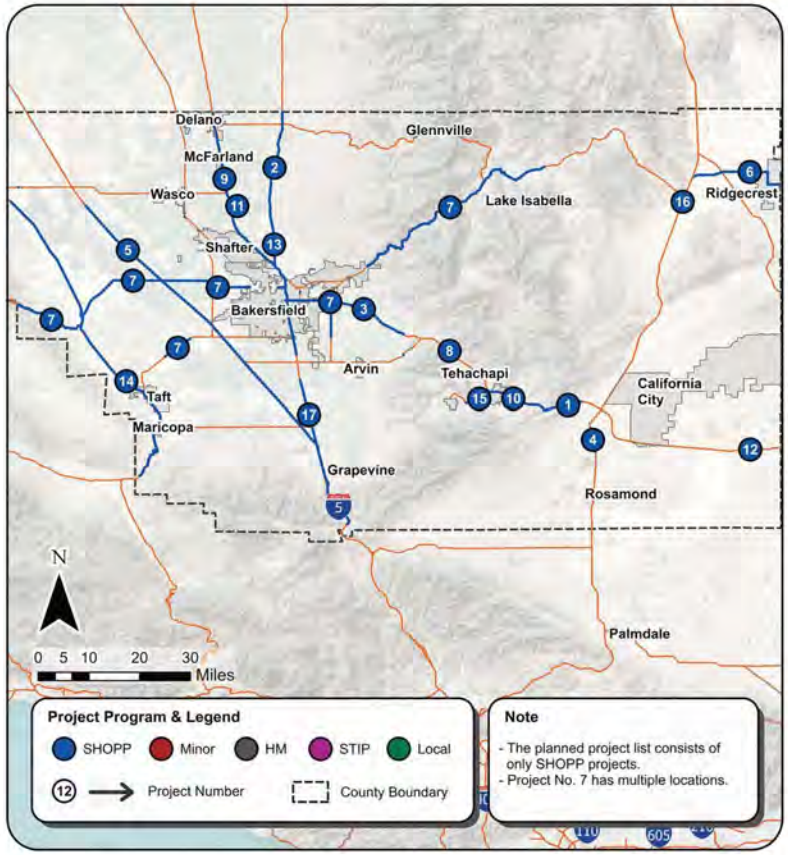
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PLANNED PROJECT LIST (YEARS 8-10)

No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PLANNED PROJECT LIST (YEARS 8-10)								
1	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	Future	$39,623	2026/27
2	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
3	0X450	6	58	R64.9 / R64.91	Arvin KER-58 Wim Upgrade / Improve Weigh Facility	Future	$3,051	2026/27
4	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	Future	$47,558	2026/27
5	19586	6	5	52.80 / 62.6	Rehab	Future	$76,423	2027/28
6	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	Future	$72,355	2027/28
7	22144	6	58	3.03 / 72.67	In Kern County at various locations. Drainage improvements	Future	$14,196	2027/28
8	22129	9	58	81 / 81.1	In Kern county at CVEF on Route 58 eastbound	Future	$1,260	2028/29
9	1A660	6	99	R43.9R / 49.4	CAPM	Future	$9,522	2028/29
10	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29
11	22167	6	99	R43.6R / R43.61R	50 0011R Spot prep and paint steel members	Future	$2,115	2028/29
12	21986	9	58	R138.75 / R139.0	In Kern County at Boron SRRA. Rehab wastewater treatment.	Future	$2,994	2028/29
13	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
14	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
15	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58.	Future	$9,387	2028/29
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	$2,463	2028/29
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	$13,724	2028/29



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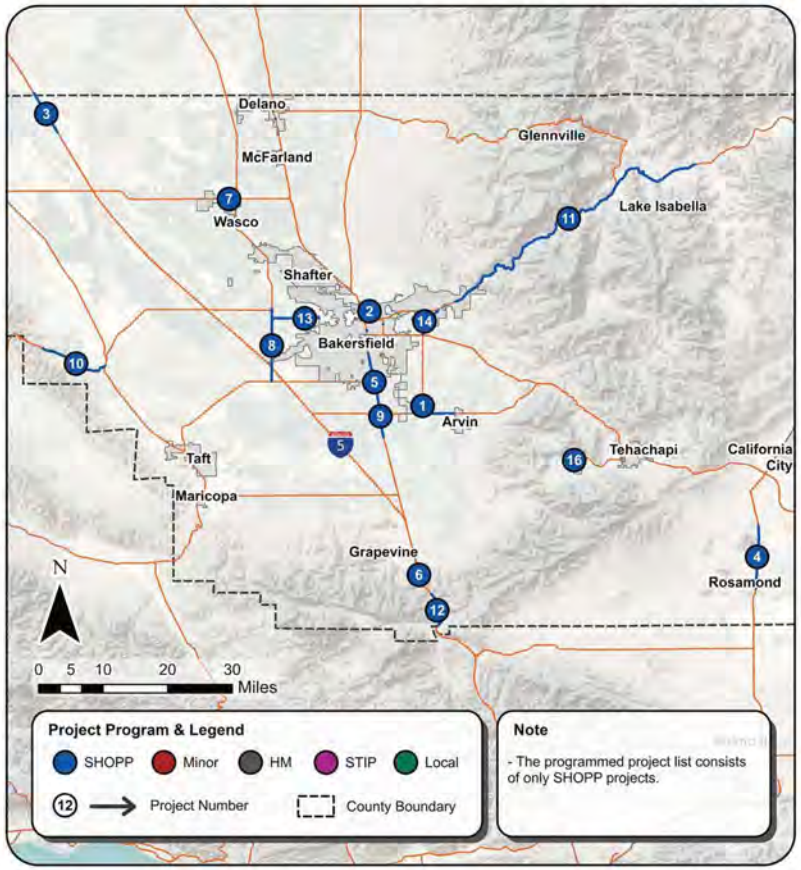
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
1	0V280	6	184	L0.9 / L1.1	Kern 184/Sunset Roundabout / Intersection Improvements	CON	$9,050	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U470	6	5	82 / 87	Lost Hills Rehab / Pavement Rehabilitation (2R)	CON	$29,330	2019/20
4	36740	9	14	R4.7 / R12.6	Rosamond-Mojave Rehab / 2R	CON	$73,615	2019/20
5	0U240	6	99	VAR / VAR	Various locations in Kern and Kings Counties	CON	$10,802	2019/20
6	0W160	6	5	5.97 / 9.78	Grapevine Culvert Repair / Upgrade Drainage Systems	CON	$14,214	2019/20
7	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
8	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
9	0Q920	6	99	10.4 / 21.2	Union Ave to White Lane 2R Rehab / Pavement Rehabilitation and Improve Vertical Clearance	CON	$66,740	2019/20
10	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	$12,400	2020/21
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	$10,100	2021/22
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	$16,783	2021/22



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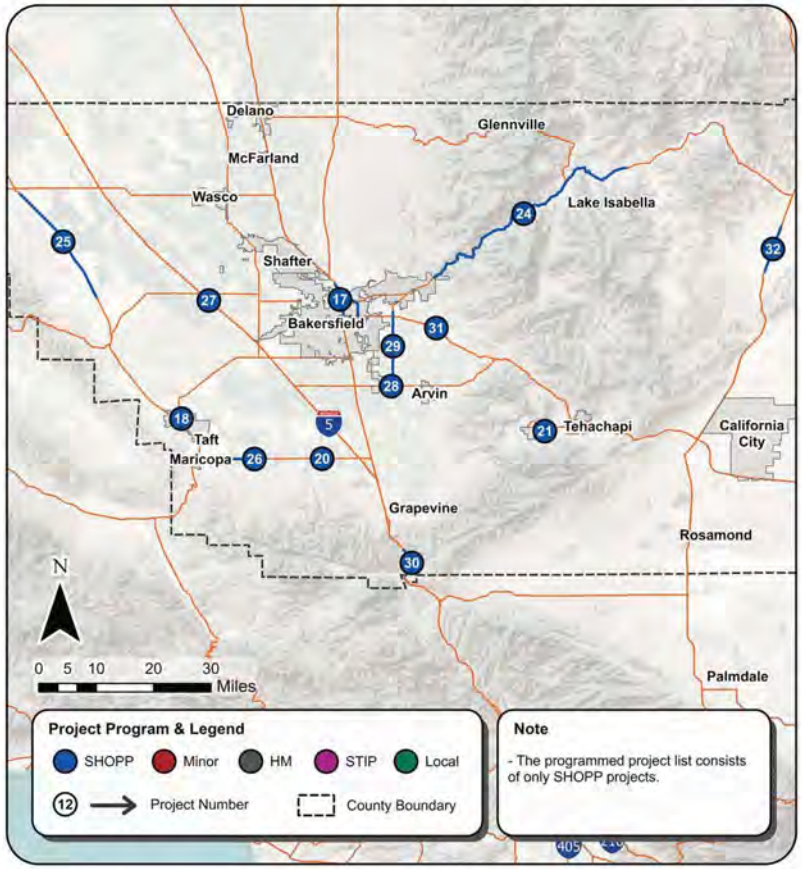
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART II

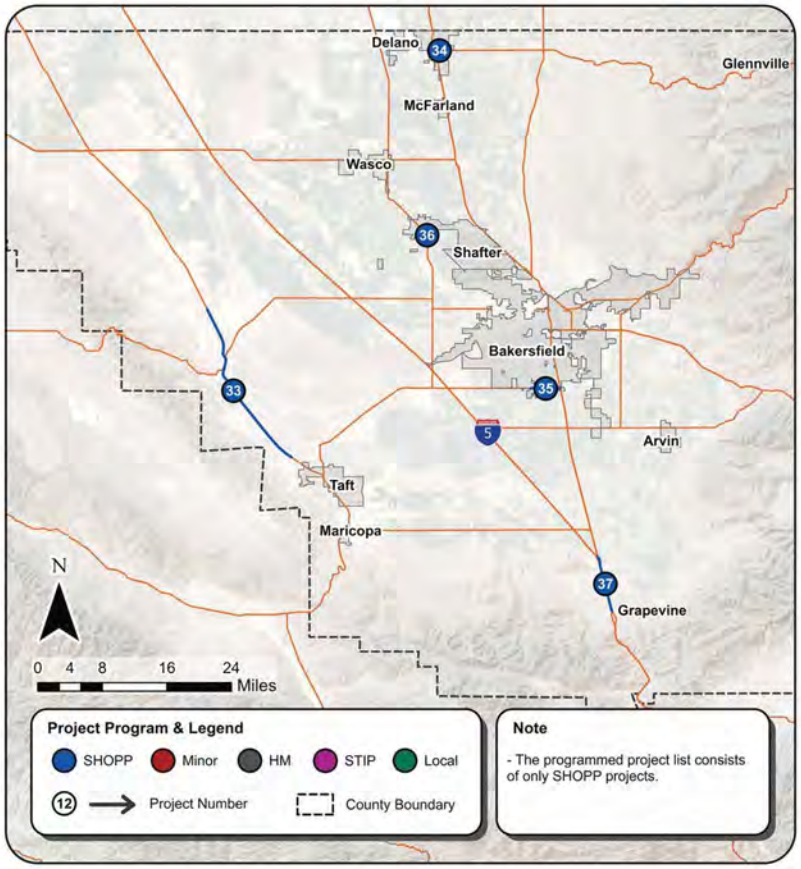
Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
17	0Q281	6	99	23.6 / R28.4	Bakersfield 99 Rehab Replacement Planting / Replacement Planting	ENV	$10,340	2021/22
18	0X760	6	119	0.14 / 0.54	Taft Left Turn Channelization / Left-Turn Channelization	ENV	$5,221	2021/22
19	0T000	6	58	R53.2 / R55.6	KER 58 ADA / Upgrade Curb Ramps	DES / ROW	$4,620	2021/22
20	0S050	6	166	17.3 / 17.7	Calif Aqueduct Bridge Rehab / Bridge Rehabilitation/Seismic Retrofit	ENV	$44,045	2021/22
21	36720	9	202	r4.89 / R4.89	Cummings Valley Rd Int / Construct Left Turn Lane	DES / ROW	$5,044	2021/22
22	0W150	6	204	0.00 / 6.752	SR 204 within City of Bakersfield and TUL SR 65 in Exeter at various locations	DES	$10,728	2021/22
23	0W990	6	204	2.805 / 2.805	Union Avenue High Intensity Activated Crosswalk / Install Hybrid Pedestrian Beacon (Hawk)	DES / ROW	$4,275	2021/22
24	0X080	6	178	8.0 / 50.0	Kern Canyon Culvert Rehab / Repair and Replace Culverts	DES / ROW	$13,000	2021/22
25	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
26	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
27	1A690	6	5	47.55 / 52.15	Buttonwillow Median Barrier / Construct Median Barrier	ENV	$5,720	2022/23
28	0R190	6	223	15.7 / 16.3	Arvin SR 223/184 Roundabout / Intersection Improvement	DES / ROW	$3,700	2022/23
29	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
30	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
31	0X160	6	58	64.40 / 67.30	Edison 2R Rehab / Pavement Rehabilitation (2R)	ENV	$14,270	2022/23
32	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23



KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
33	0X240	6	33	21.8 / 39.8	KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	$11,430	2023/24
34	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
35	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
36	1A470	6	43	15.8 / 15.8	Santa Fe Roundabout / Construct Roundabout	ENV	$13,617	2023/24
37	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24



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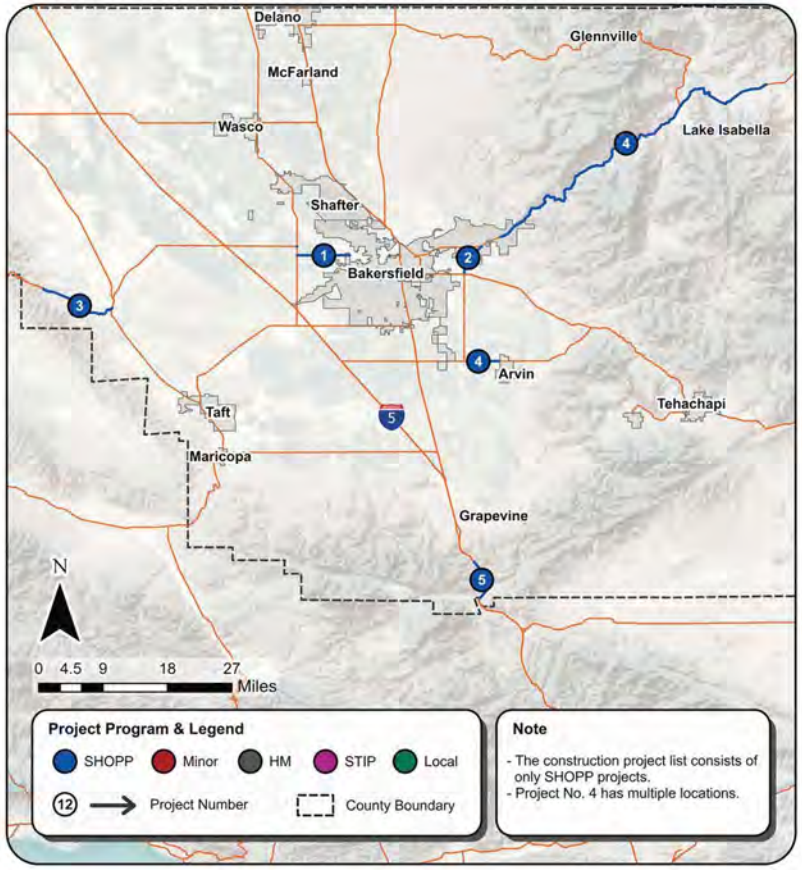
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
CONSTRUCTION READY PROJECT LIST

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
CONSTRUCTION READY PROJECT LIST (READY TO LIST ACHIEVED)								
1	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	CON	$12,400	2020/21
2	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES	$12,140	2020/21
3	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES	$15,970	2020/21
4	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
5	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21



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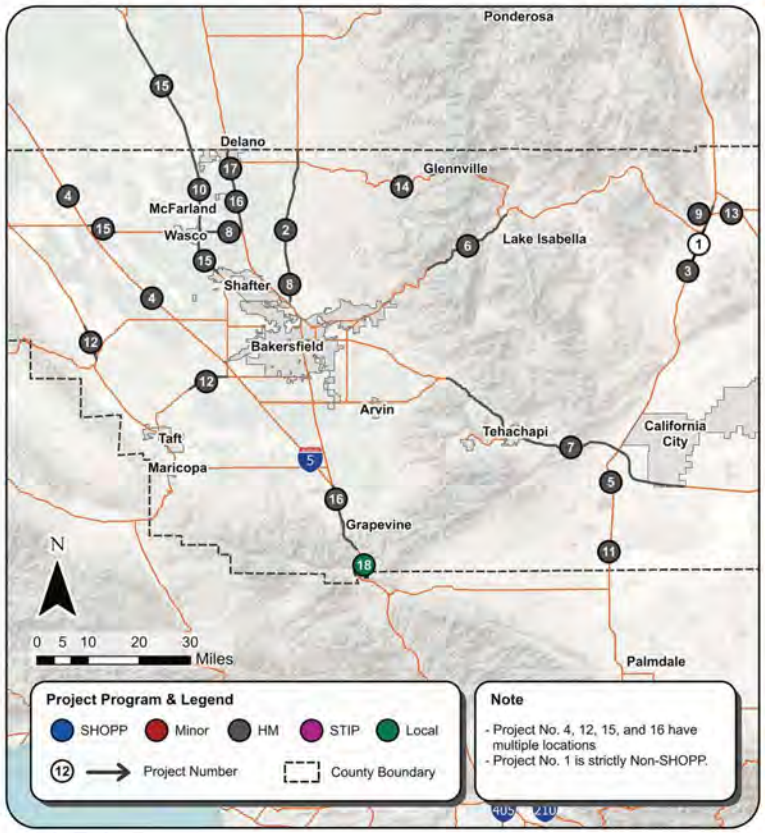
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
1	45712	6	14	53/58.3	Freeman Gulch Widening-Segment 2 / Convert Existing 2-Lane to 4-Lane Expressway	DES / ROW	$85,530	2022/23
2	1B080	6	65	1.0 / 25.169	Striping / 6 inch Stripe	CON	$2,570	2020/21
3	38570	9	14	52.8 / 58.3	Pavement Preservation / AR Chip Seal - SB1	CON	$916	2020/21
4	1A930	6	5	77.0 / 82.6	Rigid Roadbeds / PCC Slab Replacement	CON	$1,075	2020/21
5	38590	9	14	R12.3 / R15.3	Pavement Preservation / Digouts	CON	$1,761	2020/21
6	0Y110	6	178	24.6 / R44.191	Pavement Preservation / PME Medium Chip Seal	CON	$2,525	2020/21
7	38580	9	58	77.252 / R125.3	Pavement Preservation / Digouts	CON	$1,100	2020/21
8	1A950	6	46	51.2 / 57.785	Pavement Preservation / Remove and Replace RHMA Type G	CON	$4,300	2020/21
9	38800	9	14	58.3 / 62.2	Slopes/Vegetation / Slope Repair	CON	$40	2020/21
10	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	$5,425	2020/21
11	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	$32	2020/21
12	1B000	6	33	34.2 / 40.0	Pavement Preservation / PME Medium Chip Seal	CON	$2,425	2020/21
13	38130	9	178	91.88 / 91.88	Maintenance Facilities / Pave portion of yard	CON	$215	2020/21
14	1B020	6	155	35.5 / 37.5	Pavement Preservation / 0.15 HMA Type a w/ Digouts	CON	$2,650	2020/21
15	1A990	6	43	17.3 / R24.0	Pavement Preservation / PME Med Chip Seal	CON	$3,400	2020/21
16	1A900	6	5	4.4 / R15.8R	Rigid Roadbeds / PCC Slab Replacement	CON	$2,950	2020/21
17	1C002	6	99	54.5 / 54.5	Maintenance Facilities / Slurry Seal Delano MF	CON	$224	2020/21
18	0Y550	6	5	0.8/2	Lebec Mountain Village Roundabout / Construct Roundabout at Ramp Intersections	ENV	$402	2023/24



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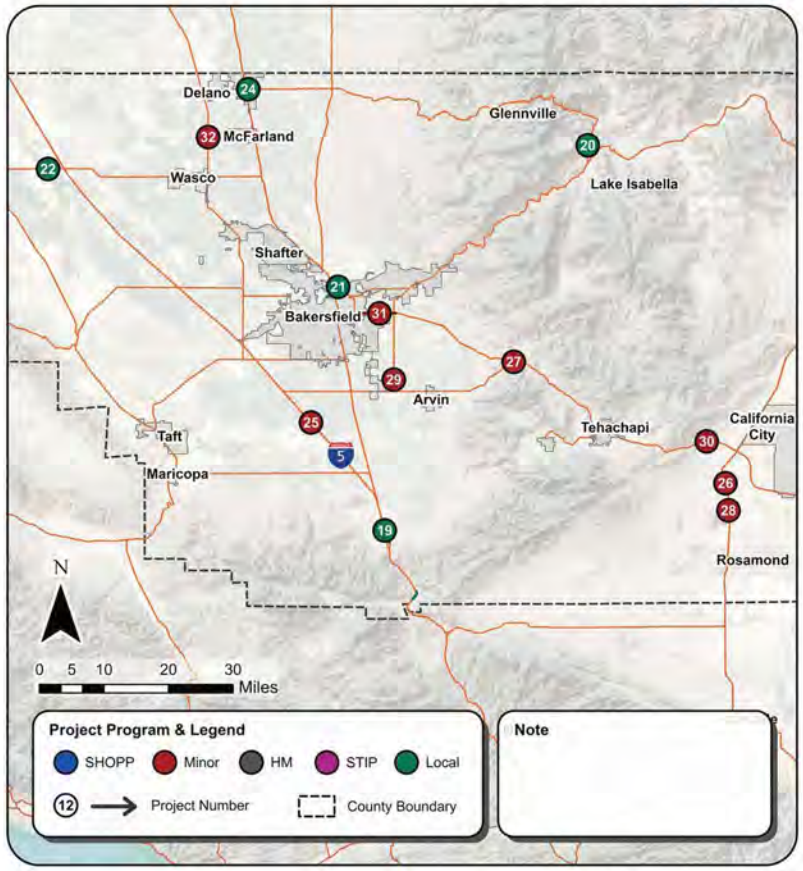
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
19	0R100	6	5	9.5/12	Grapevine Interchange / Relocate Interchange	ENV	$1,200	2025/26
20	0V770	6	155	68.2/R68.6	Usace Lake Isabella Oversight Projects / Realign Roadway	CON	$419	Future
21	48450	6	204	5.9/6.8	Hageman Flyover / Extension and Connection to RTE 204	DES / ROW	$5,658	2021/22
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	$1,300	2020/21
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	$0	2021/22
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	$498	2021/22
25	0T030	6	5	28.17 / 28.17	Mobility - TMS / In Kern, Kings and Fresno Counties, on Route 5 at various locations. Install Vehicle Detection Systems (VDS).	CON	$3,762	2020/21
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	$2,273	2020/21
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	$1,900	2021/22
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	$2,273	2020/21
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	$327	2021/22
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	$382	2020/21
31	0Y940	6	58	R55.47 / R59.67	Pavement / In Kern County, in Bakersfield on Route 58 at various ramps/locations. Remove and replace pavement.	DES	$400	2021/22
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	$250	2021/22



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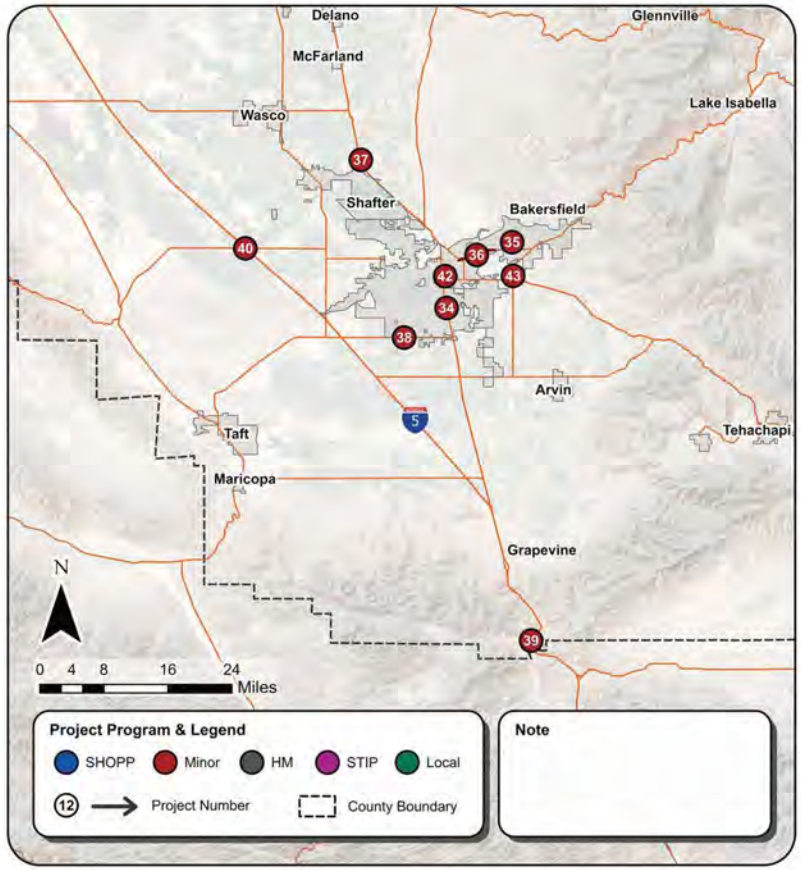
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
33	0S790	6	178	R4.5 / R4.5	Pavement / In Kern County, in Bakersfield at the Mount Vernon Avenue westbound onramp. Remove and replace pavement.	DES	$384	2021/22
34	1A150	6	99	20.6 / 20.6	Major Damage - Protective Betterments / In Kern County, in Bakersfield at Pacheco Road. Upgrade fence.	DES	$163	2021/22
35	1A130	6	178	R4.6 / R5.2	Major Damage - Protective Betterments / In Kern County, in the city of Bakersfield at various locations. Construct fence.	DES	$195	2021/22
36	0Y950	6	178	R1.89 / R5.78	Pavement / In Kern County, in Bakersfield on Route 178 at various ramps/locations. Remove and replace pavement.	DES	$415	2021/22
37	0V130	6	99	R39.1 / R39.1	Pavement / In Kern County, near Bakersfield on Route 99 at Merced Avenue offramp. Remove asphalt pavement and replace with concrete pavement.	DES	$600	2021/22
38	0X920	6	119	26.1 / 26.4	Safety Improvements / In Kern County, at Old River Road. Install safety lighting.	DES	$205	2021/22
39	1B160	6	5	R0.0 / R0.0	Mobility - Operational Improvements / In Fresno, Kern, Kings, Madera and Tulare counties on various routes at various locations. Repair and replace detection loops	DES	$325	2021/22
40	1C240	6	58	31.44 / 31.75	Pavement / In Kern County from 0.01 miles west of Route 5 SB offramp to Tracy Avenue (East). Remove and replace pavement and loops.	CON	$385	2020/21
41	1A420	6	178	R4.6 / R4.6	Major Damage - Protective Betterments /	CON	$134	2020/21
42	0X540	6	178	R2.26 / R2.26	Safety Improvements / In Kings County, at Pickerell Avenue. Install flashing beacon.	DES	$205	2020/21
43	1A860	6	184	8.35 / 8.35	Pavement / In Kern County, near Bakersfield at Edison Road. Remove and replace pavement.	DES	$410	2020/21



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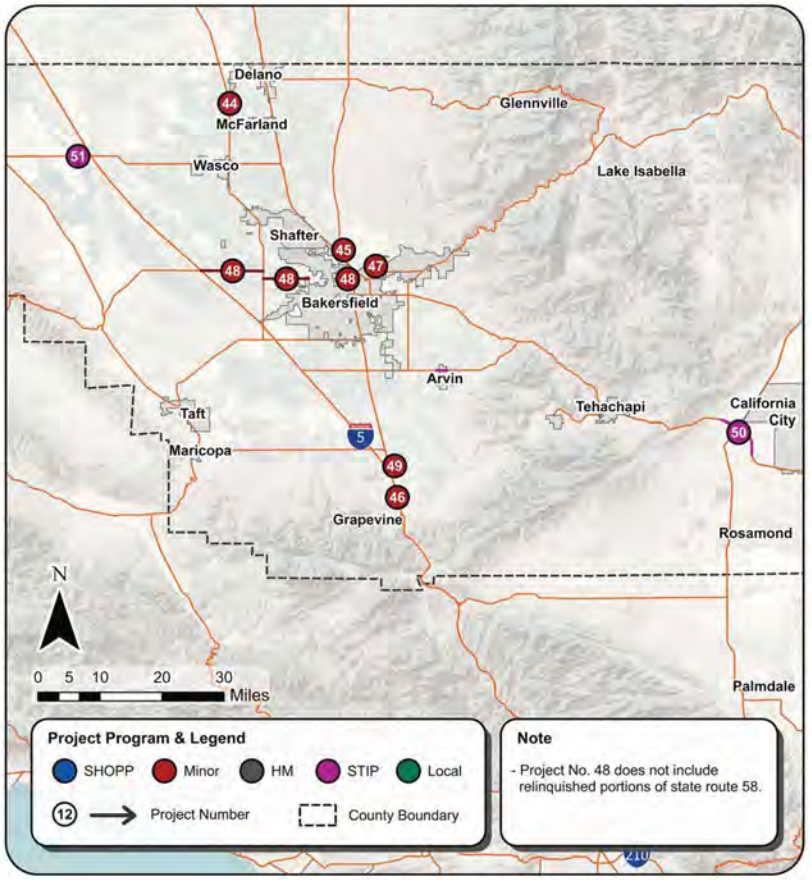
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART IV

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
44	0Y340	6	43	33.2 / 33.5	Safety Improvements / In Kern County, at Pond Road. Install flashing beacon.	DES	$173	2020/21
45	1A550	6	99	26.7 / 26.7	Bridge - Health / In Kern County, on Route 99 at the Calloway Canal Bridge and on Route 119 at the Weed Creek and Broad Creek Bridges. Repair bridges.	DES	$555	2021/22
46	1C030	6	5	11.7 / 12.39	Mobility - WIM Scales & CVEFs / In Kern County from the Grapevine Commercial Vehicle Enforcement Facility to 2.6 miles south of the Route 99 junction. Replace weigh station message sign.	DES	$500	2021/22
47	0Y780	6	99	26.502 / 26.502	Facilities / In Bakersfield, at the old California Highway Patrol (CHP) facility at 4040 Buck Owens Boulevard. Acquire facility to maintain Transportation Management Center (TMC) functions.	DES	$106	2021/22
48	1B150	6	58	31.6 / 51.8	Kern Freeway Signs / Upgrade and Install Freeway Signs	CON	$460	2020/21
49	1C330	6	5	13.54 / 13.8	Pavement / In Kern County at the NB off ramp to Wheeler Ridge. Remove and Replace HMA	DES	$325	2021/22
50	44255	6	46	29.7/31.9	Route 46 Conv/Exwy Segment 4B / 2-Lane Conventional Highway to 4-Lane Expressway Segment 4B	CON	$40,503	2020/21
51	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	$87,010	Future



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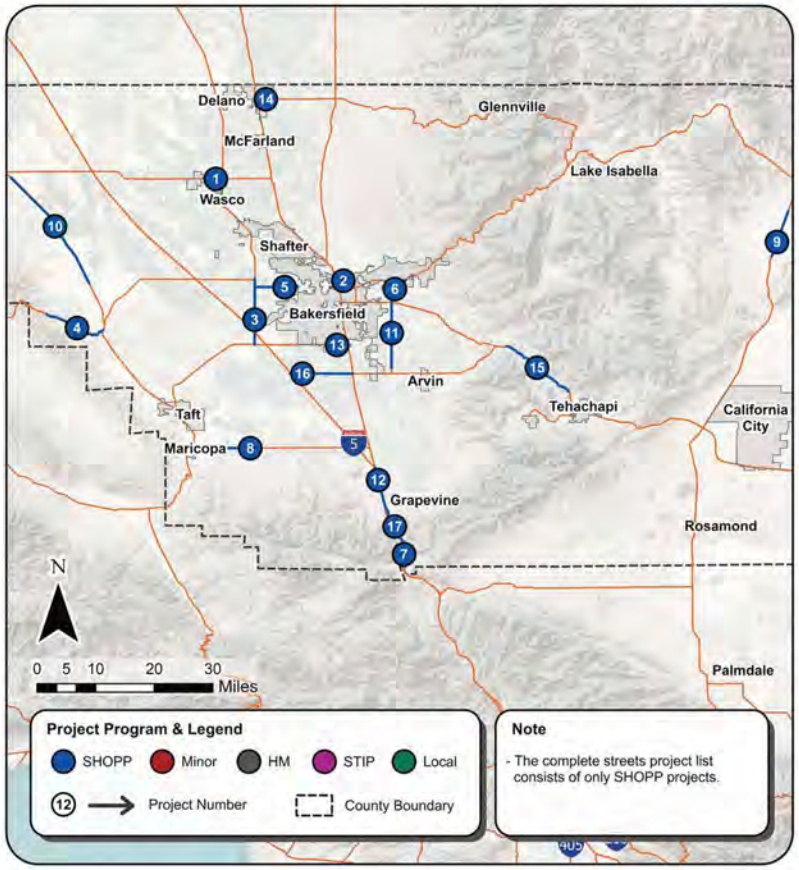
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
1	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
4	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
5	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	Closeout	$12,400	2020/21
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
7	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
8	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
9	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23
10	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
11	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
12	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24
13	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
14	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
15	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	$9,877	2024/25
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25



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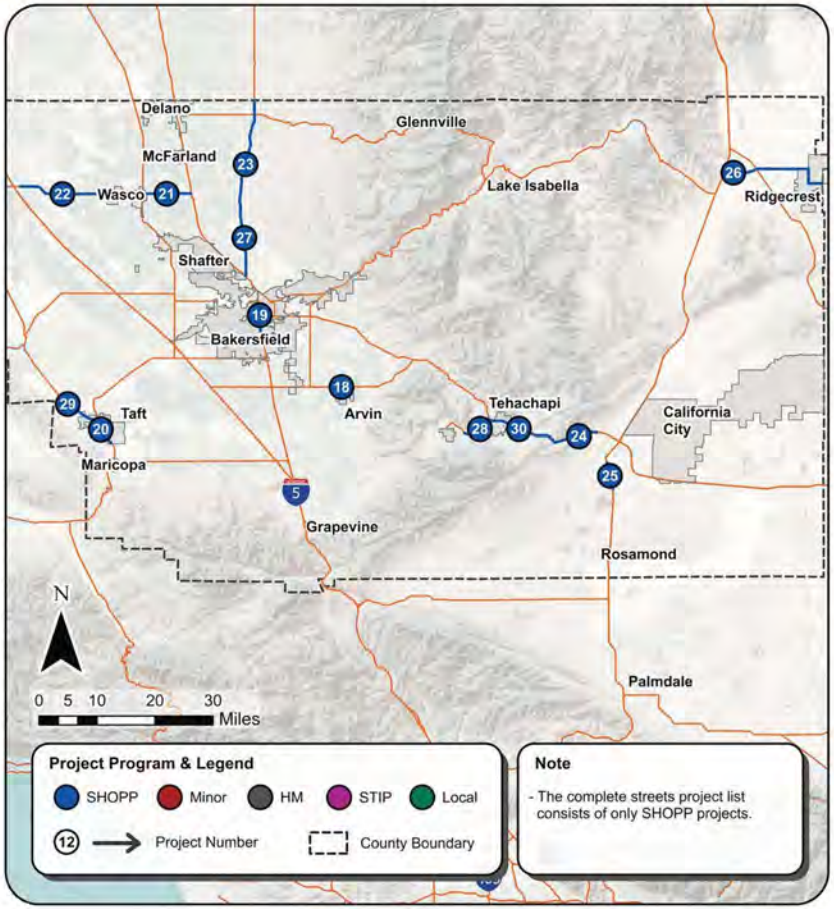
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART II

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
18	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
19	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
20	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
21	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
22	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
23	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
24	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	ENV	$39,623	2026/27
25	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	ENV	$47,558	2026/27
26	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	ENV	$72,355	2027/28
27	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
28	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58	Future	$9,387	2028/29
29	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
30	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29



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Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops

Kern Council of Governments

March 1, 2023

TO: Regional Project Delivery Partners

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

Raquel Pacheco,
Regional Planner

SUBJECT: **SAVE THE DATE - 2024 RTIP KCOG WORKSHOPS**

Please make a note of the dates and time listed below for the Kern COG 2024 RTIP Workshops. Reminder e-mail messages, workshop flyers, and agenda packages will be sent out as each date approaches. Dates will be included in updated TTAC and Board agenda reports.

- Wednesday **April 26, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **June 21, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **August 23, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **September 13, 2023** – 10:00 AM to 11:00 AM – teleconference (tentative)

Topics for presentations and discussions may include but are not limited to the following items:

April Workshop
- STIP 101, latest guidelines and KCOG policy
- Current funding needs of projects in the STIP and those that were delayed
- Status of partnership projects in Eastern Kern MOU with Inyo, Mono & Caltrans
- Discussion on need for future call for projects

June Workshop
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Options for administrative draft 2024 RTIP Capital Improvement Program

August Workshop
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

September Workshop (tentative)
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

Kern Council of Governments
1401 19th Street, Suite 300, Bakersfield, California 93301 (661) 861-2191 Facsimile (661) 324-8215 TTY (661) 832-7433 www.kerncog.org

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non - 60/40	Metro	%	Non-Metro	%
1998 RTIP Augmentation	$6,177,000		$3,706,200	60%	$2,470,800	40%
Cecil Ave; Albany St-Browning Rd	$5,646,000				$531,000	
7th Standard; Rte 99-Santa Fe Exp.	$5,070,000				$576,000	
Wheeler Ridge Rd;Le Gray Rd-Rte 223	$3,970,000				$1,100,000	
Rte 14; old Rte 58-Phillips Rd	$3,550,000				$420,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$3,185,000				$365,000	
Rte 46; Wasco Rte 43 N.-Jumper Ave	$2,185,000				$1,000,000	
Rte 58; in Tehachapi at Dennison Rd	$1,685,000				$500,000	
Rte 119; in Taft, Cherry-Tupman	$868,000				$817,000	
Rte 184; Rte 223-Panama Lane	$254,000				$614,000	
Rte 395; Inyo Co.-Olancha/Cartago	$139,000				$115,000	
1998 Balance	$139,000*[b]		$0	0%	$6,038,000	98%
2000 RTIP Committed Programming*[c]	$7,426,000		$4,455,600	60%	$2,970,400	40%
Rte 14; old Rte 58-Phillips Rd	$2,000,000				$5,426,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$1,000,000				$1,000,000	
Rte 46; Keck's Road to I-5 *[a]	$0				$1,000,000	
2000 Balance			$0	0%	$7,426,000	100%
2002 RTIP Committed Programming*[c]	$37,008,000		$8,766,000	60%	$5,844,000	40%
STIP PPM	$36,510,000	$498,000				
Westside Parkway*[d]	$14,610,000	$21,900,000				
Rte 14; near Rte 178	$13,086,000				$1,524,000	
Rte 46; Keck's Road to I-5*[a]	$8,631,000				$4,455,000	
Rte 46; Rte43 N.-Jumper Ave	$8,221,000				$410,000	
Rte 58; in Tehachapi at Dennison Rd	$7,186,000				$1,035,000	
Rte 99; White Lane Soundwall	$6,436,000		$750,000			
Rte 119; in Taft, Cherry-Tupman	$5,436,000				$1,000,000	
Rte 184; Weedpatch Hwy	$4,096,000				$1,340,000	
Rte 395; China Lake Blvd to Rte178	$3,296,000				$800,000	
Rte 395; Mono Co.- Highpoint Curve	$3,165,000				$131,000	
Rte 395; I-15 to Rte 58	$1,165,000				$2,000,000	
West Ridgecrest Blvd	$165,000				$1,000,000	
7th Standard Road (East) - Wings Way	$0		$165,000			
2002 Balance			$915,000	6%	$13,695,000	94%
2004 RTIP Committed Programming*[c]	$72,132,000		$24,643,800	60%	$16,429,200	40%
STIP PPM	$71,773,000	$359,000				
Westside Parkway*[d]	$41,073,000	$30,700,000				
Rte 14; old Rte 58-Phillips Rd	$22,960,000				$18,113,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$22,160,000				$800,000	
Rte 46; Rte43 N.-Jumper Ave	$21,500,000				$660,000	
Rte 119; in Taft, Cherry-Tupman	$21,000,000				$500,000	
Rte 178; at Fairfax Rd	$6,000,000		$15,000,000			
7th Standard Road Interchange	$3,500,000		$2,500,000			
7th Standard Road (East) - Wings Way	$1,000,000		$2,500,000			
7th Standard Road (West) - Shafter	$0				$1,000,000	
2004 Balance			$20,000,000	49%	$21,073,000	51%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2006 RTIP - Respreading Budget*[c]	$13,014,000		$7,733,400	60%	$5,155,600	40%
STIP PPM	$12,889,000	$125,000				
Rte 58; in Tehachapi at Dennison Rd	$11,720,000				$1,169,000	
Rte 395; China Lake Blvd to Rte178	$11,280,000				$440,000	
Rte 395; Inyo Co.-Indep. Mitigation	$11,200,000				$80,000	
7th Standard Road (West) - Shafter	$0				$11,200,000	
2006 Balance			$0	0%	$12,889,000	100%
2006 RTIP Augmentation	$20,592,000		$1,843,200	60%	$1,228,800	40%
STIP PPM	$19,772,000	$820,000				
Westside Parkway*[d]	$3,072,000	$16,700,000				
Rte 46; Keck's Road to Rte 33*[a]	$2,622,000				$450,000	
Rte 395; Inyo Co.-Independence	$687,000				$1,935,000	
Rte 395; Inyo Co.-Olancha/Cartago	$0				$687,000	
2006 Augmentation Balance			$0	0%	$3,072,000	100%
2008 RTIP Committed Programming	$164,761,000		$61,756,800	60%	$41,171,200	40%
STIP PPM	$161,598,000	$3,163,000				
Westside Parkway*[d]	$28,398,000	$58,670,000	$74,530,000			
Rte 46; SLO Co. line-Keck's Corner *[a]	$27,098,000				$1,300,000	
Rte 46; Keck's Road to Rte 33*[a]	$0				$27,098,000	
2008 Balance			$74,530,000	72%	$28,398,000	28%
2010 RTIP Committed Programming	$54,477,000		$31,620,000	60%	$21,080,000	40%
STIP PPM	$52,700,000	$1,777,000				
Westside Parkway	$2,700,000		$50,000,000			
SR 99: South	$0		$2,700,000			
2010 Balance			$52,700,000	100%	$0	0%
2012 RTIP Committed Programming	$16,318,000		$9,232,800	60%	$6,155,200	40%
STIP PPM	$15,388,000	$930,000				
Rte 14; near Rte 178	$9,868,000				$5,520,000	
Rte 395; Inyo Co. Olancha/Cartago	$7,700,000				$2,168,000	
West Ridgecrest Blvd	$1,500,000				$6,200,000	
Challenger Drive Ext.	$0				$1,500,000	
2012 Balance			$0	0%	$15,388,000	100%
2014 RTIP Committed Programming	$5,803,000		$3,123,000	60%	$2,082,000	40%
STIP PPM	$5,205,000	$598,000				
Rte 119; Truck Climbing Lane	$0				$5,205,000	
2014 Balance			$0	0%	$5,205,000	100%
2016 RTIP Respreading Budget*[c]	$38,398,000		$22,560,600	60%	$15,040,400	40%
STIP PPM	$37,601,000	$797,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$33,501,000				$4,100,000	
Rte 58; Westside Parkway Connector	$500,000		$33,001,000			
Rte 395; Inyo Co. Olancha/Cartago Arch.	$0				$500,000	
2016 Balance			$33,001,000	87%	$4,600,000	12%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2018 RTIP Committed Programming	$38,820,000		$22,842,000	60%	$15,228,000	40%
STIP PPM	$38,070,000	$750,000				
Rte 14 Freeman Gulch-Segment 2	$36,110,000				$1,960,000	
Rte 46; Brown Mat.-e/o Lost Hills Rd; 4B*[a]	$33,710,000				$2,400,000	
Rte 58; WS Pkwy Conn Mainline Ph1	$3,500,000		$30,210,000			
Rte 132 Expressway, Phase 1	$0				$3,500,000	
2018 Balance			$30,210,000	79%	$7,860,000	21%
2020 RTIP Cycle Committed Programming	$19,095,000		$11,007,000	60%	$7,338,000	40%
STIP PPM	$18,345,000	$750,000				
Rte 46; CA Aque. Br-e/o Lost Hills Rd; 4B*[a]	$14,745,000				$3,600,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$9,295,000				$5,450,000	
Rte 395; Inyo Co. Olancha/Cartago	$0				$9,295,000	
2020 Balance			$0	0%	$18,345,000	100%
2022 RTIP Cycle	$38,053,000		$22,057,200	60%	$14,704,800	40%
STIP PPM	$36,762,000	$1,291,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$32,638,000				$4,124,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$24,093,000				$8,545,000	
Rte 58/99 Centennial Loop Connector	$0		$24,093,000			
2022 Balance			$24,093,000	66%	$12,669,000	34%
End Balance*[e]			$235,449,000	60%	$156,658,000	40%
			$235,264,200	60%	$156,842,800	40%
			$184,800		-$184,800	

Notes:

*[a] As per $45 million total commitment.

*[b] Carryover included in the next RTIP fund estimate because no project was ready to utilize for any phase of development.

*[c] The 2006 RTIP and 2016 RTIP do not offer any new programming dollars instead existing unallocated programming from previous RTIP cycles has been respread.

*[d] $145 million of 1998 RTIP funds were dedicated to the former Kern River Freeway in the Metro area at the beginning of SB45 and before the 60/40 policy adoption. The "End Balance" is calculated without the $145 million.

*[e] "End Balance" analysis consists of the sum of committed programming. Kern COG staff was careful not to double count any commitments. Please bring any corrections to the attention of Kern COG staff.

Attachment E: 2024 RTIP Capital Improvement Program – Baseline v2

KERN COUNCIL OF GOVERNMENTS - 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - BASELINE CAPITAL IMPROVEMENT PROGRAM VERSION 2 ($ X 1,000)

PROJECT DESCRIPTION	NOTES	PRIORITY	CURRENT AND PROPOSED PHASES				PROJECT TOTAL	KCOG ALL RIP TOTAL	SUMMARY OF ALL FUNDING SOURCES				KCOG RTIP CAPITAL IMPROVEMENT PROGRAM - RIP ONLY							
			ENV	DES	ROW	CON			IIP	KCOG SHARE RIP	OTHER	TOTAL	PRIOR YEAR	2022 STIP CARRYOVER			NEW 2024 RTIP			2024 RTIP
														2024-25	2025-26	2026-27	2027-28	2028-29	MAX SHARE	APDE
PLANNING, PROGRAMMING & MONITORING							$ 1,591	$ 1,591	$ -	$ 1,591	$ -	$ 1,591		$ 591	$ 500	$ 500	$ -	$ -		$ -
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - PROPOSED CAPITAL IMPROVEMENT PROGRAM																				
SR 58/99 – CENTENNIAL CORRIDOR CONNECTOR - EB SR 58 to NB SR 99	*1*	1	●				$ 26,093	$ 24,093	$ -	$ 24,093	$ 2,000	$ 26,093	$ -	$ -	$ 24,093	$ -	$ -	$ -	$ -	$ -
SR 58 CENTENNIAL CORRIDOR MAINLINE **AB 3090 ALLOCATIONS**	*2*	1	●	●	●	●	$ 63,211	$ 63,211	$ -	$ 63,211	$ -	$ 63,211	$ 63,211	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4B	*3*	2	●	●	●	●	$ 40,503	$ 6,000	$ -	$ 6,000	$ 34,503	$ 40,503	$ 6,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4C	*4*	2	●	●	●	●	$ 38,050	$ 13,995	$ -	$ 13,995	$ 24,055	$ 38,050	$ 13,995	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 204 / HAGEMAN FLYOVER	*5*	B	●	●	●	●	$ 84,002	$ 2,686	$ -	$ 2,686	$ 81,316	$ 84,002	$ 2,686	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 58 TRUCK CLIMBING LANES	*6*	B	●				$ 3,200	$ 2,272	$ -	$ 2,272	$ 928	$ 3,200	$ 2,272	$ -	$ -	$ -	$ -	$ -	$ -	$ -
APDE PROJECTS (ADVANCE PROJECT DEVELOPMENT ELEMENT)																				
NO APDE PROJECTS IDENTIFIED	7						$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL FOR 2024 RTIP SUBMITTAL							**$ 256,650**	**$ 113,848**	**$ -**	**$ 113,848**	**$ 142,802**	**$ 256,650**	**$ 88,164**	**$ 591**	**$ 24,593**	**$ 500**	**$ -**	**$ -**	**$ -**	**$ -**

NOTE 1: SR 58/99 CENTENNIAL CORRIDOR LOOP WAS ADDED AS PART OF 2022 STIP AMENDMENT.

NOTE 2: THE AB 3090 ALLOCATION PAYMENTS WERE APPROVED BY THE CTC ON OCTOBER 17, 2019. ALL ALLOCATIONS HAVE BEEN RECEIVED. THIS PROJECT IS UNDER CONSTRUCTION.

NOTE 3: SR 46 WIDENING SEGMENT 4B IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 4: SR 46 WIDENING SEGMENT 4C IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 5: SR 204 / HAGEMAN FLYOVER WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.686 MILLION) AND NON-STIP ($2.565 MILLION) COVID FUNDING. TOTAL COVID $5.251 MILLION.

NOTE 6: SR 58 TRUCK CLIMBING LANES WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.272 MILLION) AND NON-STIP ($928,000) COVID FUNDING. TOTAL COVID $3.2 MILLION. FUTURE PHASES TO BE FUNDED WITH SHOPP AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 7: APDE OPTIONS ARE OUTLINED IN STIP GUIDELINES AND DEPENDENT ON OUTER YEAR CAPACITY. PROPOSED APDE ACTIVITY IS CONSIDERED AN ADVANCE OF FUTURE RIP SHARES.

NOTE 8: CALTRANS IS REQUESTING $7.520 MILLION RIP FOR SR 58/99 CENTENNIAL CORRIDOR PHASE 2 CONNECTOR - SB SR 99 TO WB SR 58. ($4.020 MILLION IS REQUIRED TCEP MATCH)

REVISED DRAFT 2024 STIP FUND ESTIMATE

Table 1 - Reconciliation to County and Interregional Shares

($ in millions)

	Public Transportation Account						5-Year	6-Year
Public Transportation Account (PTA)	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**Total**	**Total**
2024 FE PTA Target Capacity	$120	$105	$60	$60	$50	$40	$315	$435
Total 2024 STIP FE PTA Capacity	**$120**	**$105**	**$60**	**$60**	**$50**	**$40**	**$315**	**$435**
2022 STIP Program[1]	**$229**	**$99**	**$62**	**$22**	**$0**	**$0**	**$183**	**$412**
Extensions	$50	$59	$0	$0	$0	$0	$59	$109
Advances	($1)	$0	$0	$0	$0	$0	$0	($1)
Net PTA STIP Program	**$278**	**$157**	**$62**	**$22**	**$0**	**$0**	**$242**	**$520**
PTA Capacity for County Shares	**($158)**	**($52)**	**($2)**	**$38**	**$50**	**$40**	**$73**	**($85)**
Cumulative	**($158)**	**($211)**	**($213)**	**($175)**	**($125)**	**($85)**	**-**	**-**

	State Highway Account						5-Year	6-Year
State Highway Account (SHA)	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**Total**	**Total**
2024 FE SHA Target Capacity	$475	$525	$525	$500	$500	$500	$2,550	$3,025
Total 2024 STIP FE SHA Capacity	**$475**	**$525**	**$525**	**$500**	**$500**	**$500**	**$2,550**	**$3,025**
2022 STIP Program [1]	**$215**	**$363**	**$292**	**$243**	**$0**	**$0**	**$898**	**$1,113**
Extensions	$151	$12	$0	$0	$0	$0	$12	$163
Advances	($5)	$0	($4)	$0	$0	$0	($4)	($9)
Net SHA STIP Program	**$360**	**$375**	**$288**	**$243**	**$0**	**$0**	**$906**	**$1,266**
SHA Capacity for County Shares	**$115**	**$150**	**$237**	**$257**	**$500**	**$500**	**$1,644**	**$1,759**
Cumulative	**$115**	**$264**	**$502**	**$759**	**$1,259**	**$1,759**	**-**	**-**

Total Capacity	**($44)**	**$97**	**$235**	**$295**	**$550**	**$540**	**$1,718**	**$1,674**

Notes:

Numbers may not add due to rounding.

[1]Draft 2023 Orange Book as of July 17, 2023

DRAFT 2024 STIP FUND ESTIMATE
Table 2 - Summary of Targets and Shares
($ in thousands)

	2024 STIP Programming		
	Base (Minimum)	**Total Target**	**Maximum**
County	Share through 2027-28	Share through 2028-29	Estimated Share through 2031-32
Alameda	49,377	64,236	199,103
Alpine	847	1,273	5,141
Amador	3,667	4,632	13,392
Butte	5,754	8,433	32,740
Calaveras	0	1,117	11,356
Colusa	1,796	2,553	9,425
Contra Costa	32,993	43,154	135,375
Del Norte	0	0	2,710
El Dorado LTC	9,159	11,135	29,073
Fresno	32,534	43,433	142,349
Glenn	500	1,292	8,484
Humboldt	6,478	9,297	34,882
Imperial	19,483	24,630	71,350
Inyo	0	2,742	39,428
Kern	31,505	46,349	181,082
Kings	0	371	18,899
Lake	4,503	5,746	17,030
Lassen	6,267	8,062	24,355
Los Angeles	131,421	216,817	991,876
Madera	296	2,239	19,868
Marin	0	0	13,092
Mariposa	1,458	2,188	8,814
Mendocino	9,038	11,731	36,177
Merced	12,981	16,586	49,306
Modoc	2,810	3,775	12,536
Mono	6,076	9,097	36,516
Monterey	10,448	15,515	61,507
Napa	0	0	12,953
Nevada	3,877	5,431	19,539
Orange	44,562	71,965	320,675
Placer TPA	0	0	32,863
Plumas	2,550	3,630	13,434
Riverside	35,374	59,788	281,373
Sacramento	52,513	66,606	194,511
San Benito	0	0	0
San Bernardino	77,490	105,358	358,293
San Diego	42,715	74,241	360,379
San Francisco	30,212	37,590	104,551
San Joaquin	36,881	44,617	114,833
San Luis Obispo	12,217	17,613	66,589
San Mateo	31,644	39,000	105,761
Santa Barbara	14,006	20,122	75,634
Santa Clara	4,761	21,943	177,888
Santa Cruz	5,755	8,602	34,442
Shasta	4,227	7,323	35,421
Sierra	1,106	1,640	6,481
Siskiyou	4,630	6,802	26,515
Solano	0	0	32,218
Sonoma	12,281	17,499	64,862
Stanislaus	11,026	16,482	65,994
Sutter	1,969	3,205	14,421
Tahoe RPA	598	1,209	6,752
Tehama	13,603	15,180	29,495
Trinity	4,300	5,442	15,814
Tulare	14,199	21,032	83,057
Tuolumne	4,245	5,494	16,824
Ventura	98,960	107,857	188,608
Yolo	10,619	13,251	37,136
Yuba	5,614	6,609	15,644
Statewide Regional	961,325	1,361,934	5,118,826
Interregional	172,685	312,076	1,577,214
TOTAL	**1,134,010**	**1,674,010**	**6,696,040**

	New Capacity
Statewide SHA Capacity	**1,758,767**
Statewide PTA Capacity	**(84,757)**
Total STIP Capacity	**1,674,010**

DRAFT 2024 STIP FUND ESTIMATE

Table 3 - Calculation of New Programming Targets and Shares - Base (Minimum)

($ in thousands)

	Net Carryover		2024 STIP Share through 2027-28		
County	Unprogrammed Balance	Balance Advanced	Formula Distribution	**Net Share (Base)**	Net Advance
Alameda	6,217	0	30,035	**49,377**	0
Alpine	0	14	861	**847**	0
Amador	1,678	0	1,951	**3,667**	0
Butte	341	0	5,413	**5,754**	0
Calaveras	0	2,292	2,280	**0**	(12)
Colusa	166	0	1,530	**1,796**	0
Contra Costa	12,455	0	20,538	**32,993**	0
Del Norte	0	5,670	1,400	**0**	(4,270)
El Dorado LTC	5,164	0	3,995	**9,159**	0
Fresno	10,506	0	22,028	**32,534**	0
Glenn	0	1,102	1,602	**500**	0
Humboldt	775	0	5,698	**6,478**	0
Imperial	9,078	0	10,405	**19,483**	0
Inyo	0	9,470	8,170	**0**	(1,300)
Kern	1,500	0	30,005	**31,505**	0
Kings	0	5,797	4,126	**0**	(1,671)
Lake	1,919	0	2,513	**4,503**	0
Lassen	2,564	0	3,628	**6,267**	0
Los Angeles	0	59,353	172,604	**131,421**	0
Madera	0	3,630	3,926	**296**	0
Marin	0	18,482	5,275	**0**	(13,207)
Mariposa	0	18	1,476	**1,458**	0
Mendocino	3,479	0	5,444	**9,038**	0
Merced	5,694	0	7,287	**12,981**	0
Modoc	859	0	1,951	**2,810**	0
Mono	0	30	6,106	**6,076**	0
Monterey	206	0	10,242	**10,448**	0
Napa	0	7,577	3,430	**0**	(4,147)
Nevada	735	0	3,142	**3,877**	0
Orange	0	10,825	55,387	**44,562**	0
Placer TPA	0	16,056	8,174	**0**	(7,882)
Plumas	367	0	2,183	**2,550**	0
Riverside	0	13,972	49,346	**35,374**	0
Sacramento	24,029	0	28,484	**52,513**	0
San Benito	0	14,123	2,012	**0**	(12,111)
San Bernardino	0	18,583	56,328	**77,490**	0
San Diego	0	21,008	63,723	**42,715**	0
San Francisco	1,548	0	14,912	**30,212**	0
San Joaquin	0	4,756	15,637	**36,881**	0
San Luis Obispo	0	1,490	10,907	**12,217**	0
San Mateo	16,776	0	14,868	**31,644**	0
Santa Barbara	1,643	0	12,363	**14,006**	0
Santa Clara	0	29,968	34,729	**4,761**	0
Santa Cruz	0	0	5,755	**5,755**	0
Shasta	0	2,524	6,257	**4,227**	0
Sierra	28	0	1,078	**1,106**	0
Siskiyou	240	0	4,390	**4,630**	0
Solano	0	22,751	9,184	**0**	(13,567)
Sonoma	1,733	0	10,548	**12,281**	0
Stanislaus	0	0	11,026	**11,026**	0
Sutter	0	529	2,498	**1,969**	0
Tahoe RPA	0	636	1,234	**598**	0
Tehama	10,279	0	3,188	**13,603**	0
Trinity	1,990	0	2,310	**4,300**	0
Tulare	386	0	13,813	**14,199**	0
Tuolumne	1,722	0	2,523	**4,245**	0
Ventura	80,977	0	17,983	**98,960**	0
Yolo	0	2,400	5,319	**10,619**	0
Yuba	3,602	0	2,012	**5,614**	0
	0	0	0	**0**	0
Statewide Regional	208,656	273,056	845,232	**961,325**	(58,166)
	0	0	0	**0**	0
Interregional	0	118,059	281,744	**172,685**	0
	0	0	0	**0**	0
TOTAL	208,656	391,115	1,126,976	**1,134,010**	(58,166)

Statewide SHA Capacity	**1,258,767**
Statewide PTA Capacity	**(124,757)**
Total	**1,134,010**

DRAFT 2024 STIP FUND ESTIMATE

Table 4 - Calculation of New Programming Targets and Shares - Total Target

($ in thousands)

County	Net Carryover		2024 STIP Share through 2028-29			
	Unprogrammed Balance	Balance Advanced	Formula Distribution	Add Back Lapses 2021-22 & 2022-23	**Net Share (Total Target)**	Net Advance
Alameda	6,217	0	44,894	13,125	**64,236**	0
Alpine	0	(14)	1,287	0	**1,273**	0
Amador	1,678	0	2,916	38	**4,632**	0
Butte	341	0	8,092	0	**8,433**	0
Calaveras	0	(2,292)	3,409	0	**1,117**	0
Colusa	166	0	2,287	100	**2,553**	0
Contra Costa	12,455	0	30,699	0	**43,154**	0
Del Norte	0	(5,670)	2,093	0	**0**	(3,577)
El Dorado LTC	5,164	0	5,971	0	**11,135**	0
Fresno	10,506	0	32,927	0	**43,433**	0
Glenn	0	(1,102)	2,394	0	**1,292**	0
Humboldt	775	0	8,517	5	**9,297**	0
Imperial	9,078	0	15,552	0	**24,630**	0
Inyo	0	(9,470)	12,212	0	**2,742**	0
Kern	1,500	0	44,849	0	**46,349**	0
Kings	0	(5,797)	6,168	0	**371**	0
Lake	1,919	0	3,756	71	**5,746**	0
Lassen	2,564	0	5,423	75	**8,062**	0
Los Angeles	0	(59,353)	258,000	18,170	**216,817**	0
Madera	0	(3,630)	5,869	0	**2,239**	0
Marin	0	(18,482)	7,885	0	**0**	(10,597)
Mariposa	0	(18)	2,206	0	**2,188**	0
Mendocino	3,479	0	8,137	115	**11,731**	0
Merced	5,694	0	10,892	0	**16,586**	0
Modoc	859	0	2,916	0	**3,775**	0
Mono	0	(30)	9,127	0	**9,097**	0
Monterey	206	0	15,309	0	**15,515**	0
Napa	0	(7,577)	5,127	0	**0**	(2,450)
Nevada	735	0	4,696	0	**5,431**	0
Orange	0	(10,825)	82,790	0	**71,965**	0
Placer TPA	0	(16,056)	12,217	0	**0**	(3,839)
Plumas	367	0	3,263	0	**3,630**	0
Riverside	0	(13,972)	73,760	0	**59,788**	0
Sacramento	24,029	0	42,577	0	**66,606**	0
San Benito	0	(14,123)	3,008	0	**0**	(11,115)
San Bernardino	0	(18,583)	84,196	39,745	**105,358**	0
San Diego	0	(21,008)	95,249	0	**74,241**	0
San Francisco	1,548	0	22,290	13,752	**37,590**	0
San Joaquin	0	(4,756)	23,373	26,000	**44,617**	0
San Luis Obispo	0	(1,490)	16,303	2,800	**17,613**	0
San Mateo	16,776	0	22,224	0	**39,000**	0
Santa Barbara	1,643	0	18,479	0	**20,122**	0
Santa Clara	0	(29,968)	51,911	0	**21,943**	0
Santa Cruz	0	0	8,602	0	**8,602**	0
Shasta	0	(2,524)	9,353	494	**7,323**	0
Sierra	28	0	1,612	0	**1,640**	0
Siskiyou	240	0	6,562	0	**6,802**	0
Solano	0	(22,751)	13,728	0	**0**	(9,023)
Sonoma	1,733	0	15,766	0	**17,499**	0
Stanislaus	0	0	16,482	0	**16,482**	0
Sutter	0	(529)	3,734	0	**3,205**	0
Tahoe RPA	0	(636)	1,845	0	**1,209**	0
Tehama	10,279	0	4,765	136	**15,180**	0
Trinity	1,990	0	3,452	0	**5,442**	0
Tulare	386	0	20,646	0	**21,032**	0
Tuolumne	1,722	0	3,772	0	**5,494**	0
Ventura	80,977	0	26,880	0	**107,857**	0
Yolo	0	(2,400)	7,951	7,700	**13,251**	0
Yuba	3,602	0	3,007	0	**6,609**	0
Statewide Regional	208,656	(273,056)	1,263,407	122,326	**1,361,934**	(40,601)
Interregional	0	(118,059)	421,135	9,000	**312,076**	0
TOTAL	208,656	(391,115)	1,684,542	131,326	**1,674,010**	(40,601)

Statewide SHA Capacity	**1,758,767**
Statewide PTA Capacity	**(84,757)**
Total	**1,674,010**

DRAFT 2024 STIP FUND ESTIMATE

Table 5 - Calculation of Targets and Shares - Maximum

($ in thousands)

County	Net Carryover		2024 STIP Estimated Share through 2031-32			
	Unprogrammed Balance	Balance Advanced	Formula Distribution	Add Back Lapses 2021-22 & 2022-23	**Net Share (Maximum)**	Net Advance
Alameda	6,217	0	179,761	13,125	**199,103**	0
Alpine	0	(14)	5,155	0	**5,141**	0
Amador	1,678	0	11,676	38	**13,392**	0
Butte	341	0	32,399	0	**32,740**	0
Calaveras	0	(2,292)	13,648	0	**11,356**	0
Colusa	166	0	9,159	100	**9,425**	0
Contra Costa	12,455	0	122,920	0	**135,375**	0
Del Norte	0	(5,670)	8,380	0	**2,710**	0
El Dorado LTC	5,164	0	23,909	0	**29,073**	0
Fresno	10,506	0	131,843	0	**142,349**	0
Glenn	0	(1,102)	9,586	0	**8,484**	0
Humboldt	775	0	34,102	5	**34,882**	0
Imperial	9,078	0	62,272	0	**71,350**	0
Inyo	0	(9,470)	48,898	0	**39,428**	0
Kern	1,500	0	179,582	0	**181,082**	0
Kings	0	(5,797)	24,696	0	**18,899**	0
Lake	1,919	0	15,040	71	**17,030**	0
Lassen	2,564	0	21,716	75	**24,355**	0
Los Angeles	0	(59,353)	1,033,059	18,170	**991,876**	0
Madera	0	(3,630)	23,498	0	**19,868**	0
Marin	0	(18,482)	31,574	0	**13,092**	0
Mariposa	0	(18)	8,832	0	**8,814**	0
Mendocino	3,479	0	32,583	115	**36,177**	0
Merced	5,694	0	43,612	0	**49,306**	0
Modoc	859	0	11,677	0	**12,536**	0
Mono	0	(30)	36,546	0	**36,516**	0
Monterey	206	0	61,301	0	**61,507**	0
Napa	0	(7,577)	20,530	0	**12,953**	0
Nevada	735	0	18,804	0	**19,539**	0
Orange	0	(10,825)	331,500	0	**320,675**	0
Placer TPA	0	(16,056)	48,919	0	**32,863**	0
Plumas	367	0	13,067	0	**13,434**	0
Riverside	0	(13,972)	295,345	0	**281,373**	0
Sacramento	24,029	0	170,482	0	**194,511**	0
San Benito	0	(14,123)	12,042	0	**0**	(2,081)
San Bernardino	0	(18,583)	337,131	39,745	**358,293**	0
San Diego	0	(21,008)	381,387	0	**360,379**	0
San Francisco	1,548	0	89,251	13,752	**104,551**	0
San Joaquin	0	(4,756)	93,589	26,000	**114,833**	0
San Luis Obispo	0	(1,490)	65,279	2,800	**66,589**	0
San Mateo	16,776	0	88,985	0	**105,761**	0
Santa Barbara	1,643	0	73,991	0	**75,634**	0
Santa Clara	0	(29,968)	207,856	0	**177,888**	0
Santa Cruz	0	0	34,442	0	**34,442**	0
Shasta	0	(2,524)	37,451	494	**35,421**	0
Sierra	28	0	6,453	0	**6,481**	0
Siskiyou	240	0	26,275	0	**26,515**	0
Solano	0	(22,751)	54,969	0	**32,218**	0
Sonoma	1,733	0	63,129	0	**64,862**	0
Stanislaus	0	0	65,994	0	**65,994**	0
Sutter	0	(529)	14,950	0	**14,421**	0
Tahoe RPA	0	(636)	7,388	0	**6,752**	0
Tehama	10,279	0	19,080	136	**29,495**	0
Trinity	1,990	0	13,824	0	**15,814**	0
Tulare	386	0	82,671	0	**83,057**	0
Tuolumne	1,722	0	15,102	0	**16,824**	0
Ventura	80,977	0	107,631	0	**188,608**	0
Yolo	0	(2,400)	31,836	7,700	**37,136**	0
Yuba	3,602	0	12,042	0	**15,644**	0
Statewide Regional	208,656	(273,056)	5,058,819	122,326	**5,118,826**	(2,081)
Interregional	0	(118,059)	1,686,273	9,000	**1,577,214**	0
TOTAL	208,656	(391,115)	6,745,092	131,326	**6,696,040**	(2,081)

Statewide SHA Capacity	**7,035,068**
Statewide PTA Capacity	**(339,028)**
Total	**6,696,040**

DRAFT 2024 STIP FUND ESTIMATE

Table 6 - Planning, Programming, and Monitoring (PPM) Limitations

($ in thousands)

	Base				Target	5% PPM Limitation	
County	**2020 STIP FY 2024-25**	**2022 STIP FY 2024-25 - 2026-27**	**2024 STIP FY 2024-25 - 2027-28**	**Total FY 2024-25 - 2027-28**	**2024 STIP FY 2028-29**	**FY 2024-25 - 2027-28[1]**	**FY 2028-29**
Alameda	11,315	22,035	30,035	63,385	14,859	**3,169**	**743**
Alpine	337	659	861	1,857	426	**93**	**21**
Amador	765	1,495	1,951	4,211	965	**211**	**48**
Butte	2,264	4,403	5,413	12,080	2,679	**604**	**134**
Calaveras	915	1,787	2,280	4,982	1,129	**249**	**56**
Colusa	606	1,183	1,530	3,319	757	**166**	**38**
Contra Costa	7,747	15,118	20,538	43,403	10,161	**2,170**	**508**
Del Norte	565	1,099	1,400	3,064	693	**153**	**35**
El Dorado LTC	1,568	3,062	3,995	8,625	1,976	**431**	**99**
Fresno	8,540	16,670	22,028	47,238	10,899	**2,362**	**545**
Glenn	635	1,239	1,602	3,476	792	**174**	**40**
Humboldt	2,280	4,443	5,698	12,421	2,819	**621**	**141**
Imperial	4,036	7,879	10,405	22,320	5,147	**1,116**	**257**
Inyo	3,152	6,153	8,170	17,475	4,042	**874**	**202**
Kern	11,506	22,452	30,005	63,963	14,844	**3,198**	**742**
Kings	1,687	3,296	4,126	9,109	2,042	**455**	**102**
Lake	990	1,934	2,513	5,437	1,243	**272**	**62**
Lassen	1,449	2,832	3,628	7,909	1,795	**395**	**90**
Los Angeles	68,508	133,672	172,604	374,784	85,396	**18,739**	**4,270**
Madera	1,570	3,067	3,926	8,563	1,943	**428**	**97**
Marin	2,119	4,131	5,275	11,525	2,610	**576**	**131**
Mariposa	593	1,158	1,476	3,227	730	**161**	**37**
Mendocino	2,150	4,191	5,444	11,785	2,693	**589**	**135**
Merced	2,802	5,472	7,287	15,561	3,605	**778**	**180**
Modoc	774	1,512	1,951	4,237	965	**212**	**48**
Mono	2,342	4,571	6,106	13,019	3,021	**651**	**151**
Monterey	4,032	7,873	10,242	22,147	5,067	**1,107**	**253**
Napa	1,395	2,724	3,430	7,549	1,697	**377**	**85**
Nevada	1,199	2,343	3,142	6,684	1,554	**334**	**78**
Orange	21,115	41,195	55,387	117,697	27,403	**5,885**	**1,370**
Placer TPA	2,928	5,706	8,174	16,808	4,043	**840**	**202**
Plumas	865	1,685	2,183	4,733	1,080	**237**	**54**
Riverside	18,432	35,968	49,346	103,746	24,414	**5,187**	**1,221**
Sacramento	10,720	20,919	28,484	60,123	14,093	**3,006**	**705**
San Benito	743	1,451	2,012	4,206	996	**210**	**50**
San Bernardino	21,436	41,832	56,328	119,596	27,868	**5,980**	**1,393**
San Diego	24,241	47,293	63,723	135,257	31,526	**6,763**	**1,576**
San Francisco	5,747	11,202	14,912	31,861	7,378	**1,593**	**369**
San Joaquin	5,820	11,361	15,637	32,818	7,736	**1,641**	**387**
San Luis Obispo	4,274	8,341	10,907	23,522	5,396	**1,176**	**270**
San Mateo	5,848	11,415	14,868	32,131	7,356	**1,607**	**368**
Santa Barbara	4,804	9,374	12,363	26,541	6,116	**1,327**	**306**
Santa Clara	13,406	26,162	34,729	74,297	17,182	**3,715**	**859**
Santa Cruz	2,317	4,522	5,755	12,594	2,847	**630**	**142**
Shasta	2,476	4,822	6,257	13,555	3,096	**678**	**155**
Sierra	411	803	1,078	2,292	534	**115**	**27**
Siskiyou	1,702	3,327	4,390	9,419	2,172	**471**	**109**
Solano	3,511	6,854	9,184	19,549	4,544	**977**	**227**
Sonoma	4,314	8,423	10,548	23,285	5,218	**1,164**	**261**
Stanislaus	4,302	8,394	11,026	23,722	5,456	**1,186**	**273**
Sutter	989	1,931	2,498	5,418	1,236	**271**	**62**
Tahoe RPA	490	956	1,234	2,680	611	**134**	**31**
Tehama	1,261	2,464	3,188	6,913	1,577	**346**	**79**
Trinity	895	1,749	2,310	4,954	1,142	**248**	**57**
Tulare	5,331	10,384	13,813	29,528	6,833	**1,476**	**342**
Tuolumne	987	1,929	2,523	5,439	1,249	**272**	**62**
Ventura	7,114	13,882	17,983	38,979	8,897	**1,949**	**445**
Yolo	2,073	4,047	5,319	11,439	2,632	**572**	**132**
Yuba	759	1,482	2,012	4,253	995	**213**	**50**
							0
Statewide	327,152	638,326	845,232	1,810,710	418,175	**90,536**	**20,909**

[1]Includes PPM shares distributed in the Adopted 2022 STIP

Kern Council of Governments

X.
TTAC

August 2, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: X.
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – STATUS UPDATE

DESCRIPTION:
CMAQ applications were due July 17th and Kern COG staff has prepared a draft application log. A total of 19 applications were received by the deadline, requesting $49.2 million in CMAQ funding.

DISCUSSION:
Background
CMAQ, established in the 1991 Intermodal Surface Transportation Efficiency Act (ISTEA), remains in the federal transportation legislation for use at the regional level. CMAQ funding can be used to maintain and improve the existing transportation system, expand the system to reduce congestion, and to establish programs and projects that will assist the region in reducing mobile emissions and help meet federal air quality standards. Kern COG's *Chapter 5 CMAQ Policy and Procedure,* as last updated and approved by Kern COG's Board of Directors on November 17, 2016, will be referenced throughout this programming cycle.

On March 16, 2023, the Transportation Planning Policy Committee (TPPC) approved the timeline and funding targets for this CMAQ call for projects cycle. This cycle included funding for the Carbon Reduction Program (CRP). About $26.4 million in CMAQ and CRP funding was available for fiscal years 23-24, 24-25, and 25-26.

Status Update
CMAQ applications were due July 17, 2023. Kern COG staff has prepared a draft application log (attached). A total of 19 applications were received by the deadline, requesting $49.2 million in CMAQ funding. A CMAQ application summary and applications received were posted on July 25, 2023 to the Kern COG website at https://www.kerncog.org/category/docs/ftip/ .

The next steps are for Kern COG staff to review application information received, provide comments to applicants, and facilitate TTAC peer review prior to developing the CMAQ Program of Projects. Upcoming activities/dates include:

- Kern COG staff to transmit questionable applications for Caltrans eligibility review
- TTAC subcommittee may submit comments to rpacheco@kerncog.org by **September 8, 2023**

- Comments received will be circulated to the respective applicant. Responses from the applicants will be discussed at the TTAC subcommittee review workshop tentatively scheduled for October 11, 2023 at 10:00 AM.

Kern COG staff will not circulate the draft program of projects until after the TTAC subcommittee review of applications. The Draft Program of Projects is expected to be presented to TTAC and TPPC in January 2024. Approval of the Final Program of Projects is expected February 2024. Once approved, the projects will then be incorporated into the Federal Transportation Improvement Program.

Attachment: "CMAQ application log"

ACTION:
Information. TTAC subcommittee peer review comments are due by **September 8, 2023**.

Applications Received 7/17/23	CMAQ										
Agency	Application	2023-24		2024-25		2025-26		TOTAL			
		CRP	Local	CMAQ/CRP	Local	CMAQ/CRP	Local	CMAQ/CRP	Local	Total Project	
Bakersfield	7	$ -	$ -	$ 21,555,462	$ 5,992,738	$ 1,336,715	$ 173,185	$ 22,892,177	$ 6,165,923	$ 29,058,100	
California City	1	$ -	$ -	$ 364,123	$ 47,177	$ 3,582,809	$ 464,191	$ 3,946,932	$ 511,368	$ 4,458,300	
Caltrans	1	$ -	$ -	$ 3,541,200	$ 458,800	$ 6,329,895	$ 820,105	$ 9,871,095	$ 1,278,905	$ 11,150,000	
GET	1	$ -	$ -	$ 2,248,662	$ 291,338	$ -	$ -	$ 2,248,662	$ 291,338	$ 2,540,000	
Kern COG	2	$ -	$ -	$ 314,780	$ 40,783	$ 336,341	$ 43,577	$ 651,121	$ 84,360	$ 735,481	
Kern County	3	$ -	$ -	$ -	$ -	$ 4,100,003	$ 531,199	$ 4,100,003	$ 531,199	$ 4,631,202	
Ridgecrest	1	$ -	$ -	$ 456,726	$ 59,174	$ -	$ -	$ 456,726	$ 59,174	$ 515,900	
Tehachapi	1	$ -	$ -	$ 596,087	$ 77,229	$ 2,742,001	$ 355,255	$ 3,338,088	$ 432,484	$ 3,770,572	
Wasco	2	$ -	$ -	$ 18,102	$ 221,898	$ 1,694,588	$ -	$ 1,712,690	$ 221,898	$ 1,934,588	
Total	**19**	**$ -**	**$ -**	**$ 29,095,142**	**$ 7,189,137**	**$ 20,122,352**	**$ 2,387,512**	**$ 49,217,494**	**$ 9,576,649**	**$ 58,794,143**	

Kern Council of Governments

XI.
TTAC

August 2, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XI.
REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP) – STATUS UPDATE

DESCRIPTION:
RSTP applications were due July 17th and Kern COG staff has prepared a draft application log. A total of 19 applications were received by the deadline, requesting $27.2 million in RSTP funding.

DISCUSSION:

Background
RSTP, established in the 1991 Intermodal Surface Transportation Efficiency Act (ISTEA), remains in the federal transportation legislation for use at the local level. RSTP funding may be used to maintain and improve the existing transportation system, expand the system to reduce congestion, and to establish programs and projects to assist the region in reducing mobile emissions and help meet federal air quality standards. Kern COG's *Chapter 4 RSTP Policy and Procedure*, as adopted by Kern COG's Board of Directors on November 15, 2012, will be used throughout this programming cycle.

On March 16, 2023, the Transportation Planning Policy Committee approved the timeline and fund estimate for this RSTP call for projects cycle. About $24.5 million in RSTP funding was available for FY 24-25 and 25-26.

Status Update
RSTP applications were due July 17, 2023. Kern COG staff has prepared a draft application log. A total of 19 applications were received by the deadline, requesting $27.2 million in RSTP funding.

The next steps are for Kern COG staff to review applications received and develop the RSTP Program of Projects that is expected to be approved February 2024. Once approved, the projects will then be incorporated into the Federal Transportation Improvement Program.

Attachment: "RSTP application log"

ACTION: Information.

Applications Received 7/17/23	RSTP								
Agency	**Application**	**2024-25**		**2025-26**		**TOTAL**			
		RSTP	Local	RSTP	Local	**RSTP**	**Local**	**Total Project**	
Arvin	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Bakersfield	2	$ 5,499,000	$ 712,454	$ 5,496,000	$ 712,066	$ 10,995,000	$ 1,424,520	$ 12,419,520	
California City	1	$ 38,776	$ 5,024	$ 363,224	$ 59,876	$ 402,000	$ 64,900	$ 466,900	
Delano	4	$ 689,000	$ 77,035	$ 689,000	$ 126,158	$ 1,378,000	$ 203,193	$ 1,581,193	
Kern COG	1	$ 79,677	$ 10,323	$ 79,677	$ 10,323	$ 159,354	$ 20,646	$ 180,000	
Kern County	4	$ -	$ -	$ 9,651,836	$ 1,250,498	$ 9,651,836	$ 1,250,498	$ 10,902,334	
Maricopa	0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
McFarland	1	$ -	$ 57,200	$ 374,000	$ 111,356	$ 374,000	$ 168,556	$ 542,556	
Ridgecrest	1	$ 1,671,130	$ 216,513	$ -	$ -	$ 1,671,130	$ 216,513	$ 1,887,643	
Shafter	2	$ -	$ -	$ 1,102,000	$ 475,000	$ 1,102,000	$ 475,000	$ 1,577,000	
Taft	1	$ -	$ 65,800	$ 190,000	$ 338,000	$ 190,000	$ 403,800	$ 593,800	
Tehachapi	1	$ 26,550	$ 3,450	$ 452,350	$ 58,650	$ 478,900	$ 62,100	$ 541,000	
Wasco	1	$ -	$ 50,000	$ 841,029	$ 59,046	$ 841,029	$ 109,046	$ 950,075	
Total	**19**	**$ 8,004,133**	**$ 1,197,799**	**$ 19,239,116**	**$ 3,200,973**	**$ 27,243,249**	**$ 4,398,772**	**$ 31,642,021**	

Kern Council of Governments

XII. TTAC

August 2, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner
Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XII.
PROJECT ACCOUNTABILITY TEAM REPORT

DESCRIPTION:

Kern COG staff to provide the latest updates.

DISCUSSION:

The Project Accountability Team meetings are held quarterly as needed to discuss project implementation issues and to develop solutions. Participants review project status information for projects in the Federal Transportation Improvement Program (FTIP). Since no meeting has been held recently, this report is meant to provide the latest updates.

1. Transportation Development Act (TDA) Article 3 invoices should be submitted to Bob Snoddy at bsnoddy@kerncog.org. Please see project list attached.

2. Caltrans' monthly Local Assistance Delivery report includes funding authorizations (obligations) and de-obligations for formula federal funds. As of the June 2023 report, the Kern region had the highest delivery rate in the state for Congestion Mitigation Air Quality Program and Regional Surface Transportation Program delivery – 149.7%.

3. Score Card – 80% of projects have approved funding authorization; 1% is awaiting funding authorization; 19% was not submitted for funding authorization (two Active Transportation Program projects totaling $6,373,000 requested CTC time extensions).

4. The FY 23/24 Active Transportation Program (ATP), Congestion Mitigation Air Quality Program (CMAQ), Regional Surface Transportation Program (RSTP) project list is provided to remind agencies to deliver early.

Attachments: July 24, 2023 TDA Article 3 project list
June 30, 2023 Caltrans Local Assistance Delivery report
July 24, 2023 FY 22/23 Score Card
July 24, 2023 FY 22/23 ATP/CMAQ/RSTP project list
July 24, 2023 FY 23/24 ATP/CMAQ/RSTP project list

ACTION: Information.

Transportation Development Act Article 3 Program - Funded and Un-Funded Projects FY 2021-22						
Project Status						
Status Code: 1=Not Started 2=Under Construction 3=Completed						
Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield	7/15/2021	MO#21-07	Bike Parking	$ -	3	Pd. July 6, 2023
1st Priority Projects	**Total**			**$ -**		
Bakersfield/Kern County	7/15/2021	MO#21-5	Addition of a Class 1 bike path along County Dump Rd. between Fairfax Rd. and Paladan Dr. Kern County will be a sub applicant	$ 267,000	1	Project estimated to be comp. June 2023
2nd Priority				**$ 267,000**		
Total Funded Projects				**$ 267,000**		
McFarland	7/15/2021	MO#21-01	Remove and replace non-ADA compliant curb ramps on Ebell St. Mast Ave. to Woodruff Ave. & 6th St. and California Ave.	$ 156,158	1	Est. June 2023
Tehachapi	7/15/2021	MO#21-02	Complete pedestrian facilities on both sides of Brentwood Dr. between Cury St. and Oakwood St. with a new ADA compliant sidewalk, curb, and gutter	$ 284,750	1	Should be completed Spring 2023
Taft	7/15/2021	MO#21-03	Construct new curb and gutter, sidewalk, ADA compliant ramps, drive approaches and related pedestrian improvement on west side of 4th St. from Supply Row to Main St.	$ 169,080	3	Should receive invoice in May 2023
Wasco	7/15/2021	MO#21-04	Remove existing non-ADA compliant ramps and replace with ADA compliant curb and ramps on D St. Blvd. between Filburn and Stephen Court east side and on Filburn St. between Gaston St. amd D St. north side	$ 156,831	1	Should be completed July 2023
California City	7/15/2021	MO#21-05	Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.	$ 170,538	1	Should be completed November 2023
3rd Priority Projects (Unfunded)				**$ 937,357**		
TDA Article 3 projects funded and unfunded				**$ 1,204,357**		

FFY 2022 - 23
Local Assistance Delivery
Estimated Formula OA Funds as of June 30, 2023

Region	Estimated FFY 2023 OA[1]	Adjustment to FFY 2023 OA for FFY 2022 Over - Under Delivery[2]	Estimated FFY 2023 Oversight Adjustment[3]	Contribution for LS&R Needs Assessment FFY 2023[4]	LS&R Needs Assessment Funding Offset	Adjusted FFY 2023 Estimated OA[5]	FFY 2023 Obligations as of 6/30/23	Percent Estimated OA Delivered	Balance FFY 2023 Estimated OA[6]
Amador	960,573	1,144,051	(13,822)	-	-	2,090,802	641,537	30.7%	1,449,265
Butte	5,244,654	1,582,819	(75,071)	-	-	6,752,401	4,369,327	64.7%	2,383,075
Calaveras	1,122,584	480,452	(16,117)	-	-	1,586,919	767,585	48.4%	819,334
Fresno	25,086,307	(2,493,338)	(394,131)	-	-	22,198,839	21,804,858	98.2%	393,981
Imperial	3,990,126	1,942,216	(62,775)	-	-	5,869,567	(36,193)	0.0%	5,905,760
Kern	22,483,402	(1,736,595)	(353,107)	-	-	20,393,701	30,530,993	149.7%	(10,137,292)
Kings	4,263,139	2,500,352	(61,895)	-	-	6,701,596	3,168,674	47.3%	3,532,922
Los Angeles	277,202,790	(18,812,485)	(4,359,174)	-	-	254,031,131	23,476,670	9.2%	230,554,461
Madera	4,290,868	8,165,881	(62,403)	-	-	12,394,345	3,839,685	31.0%	8,554,660
Mariposa	445,316	1,885,299	(6,386)	-	-	2,324,229	307,994	13.3%	2,016,235
Merced[10]	7,484,496	(764,951)	(109,097)	-	-	6,450,448	4,398,102	68.2%	2,052,346
Nevada	2,619,804	3,759,912	(37,874)	-	-	6,341,841	1,661,288	26.2%	4,680,553
Orange	87,295,057	(13,467,968)	(1,373,367)	-	-	72,453,722	66,992,037	92.5%	5,461,685
Riverside[9]	63,795,242	36,578,227	(1,003,032)	-	-	84,370,437	49,462,092	58.6%	34,908,345
Sacramento (SACOG)	54,599,995	(27,710,016)	(857,883)	-	-	26,032,097	26,045,085	100.0%	(12,989)
San Bernardino[9]	58,206,805	11,915,452	(913,536)	-	-	84,208,721	12,484,725	14.8%	71,723,996
San Diego	79,755,948	(16,603,900)	(1,254,400)	-	-	61,897,648	44,433,462	71.8%	17,464,187
San Francisco Bay Area (MTC)	165,261,095	(65,135,599)	(2,598,807)	-	-	97,526,688	94,095,297	96.5%	3,431,391
San Joaquin[10]	18,887,833	10,939,921	(297,153)	-	-	29,690,602	3,079,026	10.4%	26,611,576
San Luis Obispo	6,740,095	8,042,914	(96,911)	-	-	14,686,099	3,891,046	26.5%	10,795,053
Stanislaus	13,728,582	4,698,622	(215,985)	-	-	18,211,219	5,554,716	30.5%	12,656,503
Tahoe	3,380,692	(525,986)	(53,187)	-	-	2,801,520	1,379,061	49.2%	1,422,459
Tehama	1,582,517	2,680,688	(22,747)	-	-	4,240,458	1,068,808	25.2%	3,171,650
Tulare	12,323,665	(1,956,530)	(186,339)	-	-	10,180,795	13,003,819	127.7%	(2,823,024)
Tuolumne	1,366,151	1,498,936	(19,618)	-	-	2,845,469	932,128	32.8%	1,913,341
Ventura	20,021,808	41,966,791	(314,994)	-	-	61,673,605	3,639,051	5.9%	58,034,554
Exchange Counties	33,697,676	1,622,606	(460,031)	-	-	34,860,251	34,863,828	100.0%	(3,577)
TOTAL LOCAL AGENCIES	975,837,220	(7,802,229)	(15,219,841)	-	-	952,815,150	455,854,699	47.8%	496,960,451
HBP	293,061,128	(66,824,980)	(4,628,969)	-	-	221,607,178	219,994,340	99.3%	1,612,839
Safety[8]	80,560,701	(38,862,297)	(1,682,396)	-	-	40,016,009	57,628,445	144.0%	(17,612,437)
Carbon Reduction Program (CRP)[7]	62,237,262	63,340,535	-	-	-	125,577,797	6,559,246	0.0%	119,018,551
PROTECT Program[7]	43,549,677	44,321,678	-	-	-	87,871,355	-	0.0%	87,871,355
SRTS	-	5,827,293	-	-	-	5,827,293	(365,470)	0.0%	6,192,762
TOTAL	**1,455,245,988**	**(0)**	**(21,531,206)**	**-**	**-**	**1,433,714,782**	**739,671,261**	**51.6%**	**694,043,521**
FFY 2022 Formula OA Obligations YTD (6/30/22) (Total)	*Prior year data displayed for informational purposes*	-	-	-	-	1,433,585,805	1,064,764,673	74.3%	368,821,132

Prepared by Megan Perasso
Email: megan.perasso@dot.ca.gov
July 6, 2023

FFY 2022 - 23
Local Assistance Delivery
Estimated Formula OA Funds as of June 30, 2023

Information:

< This June 30, 2023 report is based on the Department's Federal Aid Data System (FADS) transactions.
< Obligations include obligations, deobligations and Federal Transit Administration (FTA) transfers.
< The federal fiscal year (FFY) 2022-23 (FFY 2023) RSTP Exchange is included in the March 2023 Obligation Authority (OA) delivery report in the FFY 2023 Obligations amount.

Footnotes:

[1] The Locals' estimated base Federal Fiscal Year (FFY) 2022-23 (FFY 2023) Obligation Authority (OA) is based on the draft amount provided by our Department's Office of Federal Resources (OFR) on June 23, 2023. Previous reports reflected a draft amount from February 8, 2023. The OFR's amount is based on the Federal Highway Administration (FHWA) FY 2023 OA notice (FHWA N4520.278) dated February 1, 2023. The OA spread between regions and programs was updated based on the Department's Division of Financial Programming FFY 2023 Estimated apportionment distributions issued on November 10, 2022. The estimated OA amounts may be updated in the future if there is a change to the local OA share.

[2] Balance of FFY 2022 OA (last FFY's OA balance) -- This is the amount a Region/Program must pay back if over delivered or the amount a Region/Program will receive to "make whole" if under delivered based on the Division of Local Assistance's (DLA's) OA Management Policy. Amounts shown in parenthesis are amounts owed and positive (non-parenthesis numbers) amounts are to be repaid to Regions/Programs. Please see September 30, 2022 OA delivery report for details on this amount.

[3] Required by Sections 182.6(n) and 182.7(k) of the California Streets and Highways Code. The distribution of the estimated oversight amount is based on the FFY 2022 State/Local Splits report from OFR dated October 10, 2022 and Division of Local Assistance's Oversight Spread to Programs dated October 11, 2022. The total oversight amount increased by $708,000 in FFY 2023 due to increased Construction Oversight Engineer (COE) costs.

[4] Received agreements during FFY 2023 from Region(s) for the Local Streets and Roads (LS&R) Statewide Needs Assessment Funding Concurrence.

[5] This is the FFY 2023 adjusted estimated base OA, which includes adjustments for the FFY 2022 OA over or under delivery, the FFY 2023 Estimated Oversight Adjustment, and the LS&R Needs Assessment.

[6] Balance of FFY 2023 estimated OA per date of report -- This is the running balance of FFY 2023 estimated OA. At the end of the FFY, this is the amount a Region/Program must pay back if over delivered or the amount a Region/Program will receive to "make whole" if under delivered based on DLA's OA Management Policy. Amounts shown in parenthesis are owed back and positive (non-parenthesis numbers) amounts are owed to those Regions/Programs. If OA is lost to the State due to DLA under delivery as a whole, under delivered OA may not be available to repay Regions and/or Programs.

[7] CRP and PROTECT OA will be treated similar to HBP and Safety based on the program administration.

[8] In May 2023, $42,531,243 of Local federal-aid Safety apportionments and OA were transferred to OFR per Reference 2.5h from August 17-18, 2022, and Reference 3.12 from June 28-29, 2023, California Transportation Commission meetings, in exchange for State Highway Account (SHA) funds. The transfer and exchange is allowed per Senate Bill (SB) 137 (Chapter 639 of the 2019 Statutes), effective October 8, 2019, which authorized the Department to allow up to $100,000,000 of federal Local Assistance funds to be exchanged for SHA funds. The purpose of the exchange is to fund local Highway Safety Improvement Program (HSIP) projects with State and local funds. The exchange will lead to increased efficiency for local agencies by reducing the time and resources needed to deliver HSIP projects.

[9] The Riverside County Transportation Commission (RCTC) and the San Bernardino County Transportation Authority (SBCTA) entered into a transfer agreement dated May 22, 2023, for RCTC to transfer $15,000,000 OA to SBCTA for the Interstate 15 Corridor Freight and Express Lans Project - Contract 1. The same amount of CMAQ apportionment will also be transferred and is reflected on RCTC's and SBCTA's Monthly CMAQ/STBGP Activity report.

[10] The Merced County Association of Governments (MCAG) and the San Joaquin Council of Governments (SJCOG) entered into a transfer agreement dated June 23, 2023, for MCAG to transfer $160,000 OA to SJCOG for the purposed of funding a shared ridesharing service. The same amount of CMAQ apportionment will also be transferred and is reflected on MCAG's and SJCOG's Monthly CMAQ/STBGP Activity report.

Prepared by Megan Perasso
Email: megan.perasso@dot.ca.gov
July 6, 2023

July 24, 2023

TO: TTAC Members and Project Managers

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

RE: Project Delivery Score Card

Federal Transportation Improvement Program

		Federal/State $ in FY 22/23		
FY 2022-23	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	5	$140,000	$10,889,000	
CMAQ	14	$1,273,289	$9,960,380	
RSTP	13	$198,367	$11,882,657	
Totals	32	$1,611,656	$32,732,037	100%

1. Not Submitted	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	2	$0	$6,373,000	
CMAQ	0	$0	$0	
RSTP	0	$0	$0	
Total	2	$0	$6,373,000	19%

2. Submitted	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	0	$0	$0	
CMAQ	1	$0	$529,409	
RSTP	0	$0	$0	
Total	1	$0	$529,409	1%

3. State/Federal Approvals	**No. of Projects**	**Preliminary Engineering**	**Construction**	**% of funding**
ATP	3	$140,000	$4,516,000	
CMAQ	13	$1,273,289	$9,430,971	
RSTP	13	$198,367	$11,882,657	
Total	29	$1,611,656	$25,829,628	80%

Legend:
ATP – Active Transportation Program;
CMAQ – Congestion Mitigation Air Quality Program;
RSTP/HIP – Regional Surface Transportation Program/Highway Infrastructure Program

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403	STPL-5109(278)	Stockdale Hwy from Gosford Rd to New Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,169,000	$5,838,699	done	3
Bakersfield	KER180507	CML-5109(281)	Mt Vernon Ave from Bernard St to Panorama Dr; installation of adaptive signal coordination	$0	$529,409	$598,000	June 2023	2
Bakersfield	KER211002	Cycle 5 MPO	Chester Avenue between 4th Street and Brundage Lane; construction of center medians, continental crosswalks, and bike lanes with additional pavement markings (CTC approved time extension to 6/30/2023)	$0	$210,000	$791,000	done	3
Bakersfield	KER191004	Cycle 4 MPO ATPCML-5109(272)	Bounded by 7th Standard Rd, Kern River Parkway and approx 6 miles Friant Kern Canal; construct Class I multi-use path (CTC approved time extension to 2/29/2024)	$0	$4,306,000	$8,200,000	done	3
Cal. City	KER180403	STPL-5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$58,922	$0	$66,557	done	3
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$0	$10,000	N/A	N/A
Delano	KER180403	STPL-5227(070)	20th Ave from Girard St to Norwalk St and Norwalk St from County Line Rd to 14th Ave; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	done	3
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$140,000	$0	$140,000	done	3
KCOG	KER220401	STPLNI-6087(077)	In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	done	3
KCOG	KER220501	CMLNI-6087(067)	In Kern County: CommuteKern Rideshare Program	$0	$240,187	$271,306	done	3

NOTES Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180403	STPL-5950(513)	Kern County: Edison Rd from Di Giorgio Rd to Mountain View Rd; 2 miles of road rehabilitation	$0	$2,100,000	$2,372,077	done	3
Kern Co.	KER180403	STPL-5950(513)	Kern County: Edison Rd from Mountain View Rd to Hermosa Rd; 2 miles of road rehabilitation	$0	$2,100,000	$2,372,077	done	3
Kern Co.	KER180403	STPL-5961(019)	Kern County: Rosamond Blvd from Stevenson St to SR 14; 1.35 miles of road rehabilitation	$0	$1,197,980	$1,513,611	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Bakersfield): Various areas in Metro Bakersfield; Traffic Signal Coordination (Interconnect)	$0	$1,353,004	$1,528,300	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Oildale): Within and around the community of Oildale; Traffic Signal Coordination (Interconnect)	$0	$1,055,189	$1,191,900	done	3
Kern Co.	KER180507	CML-5950(517)	Kern County (Lake Isabella, Rosamond, Wheeler Ridge): Traffic Signal Coordination (Interconnect)	$0	$598,197	$675,700	done	3
Kern Co.	KER180507	CML-5950(510)	Kern County (Metro Bakersfield): Intersection of Allen Rd and Jomani Dr; Construct a traffic signal and ancillary facilities	$0	$536,725	$606,263	done	3
Kern Co.	KER180507	CML-5950(505)	Kern County (Metro Bakersfield): Intersection of Cottonwood Rd and Cheatham Ave; Construct a traffic signal and ancillary facilities	$0	$567,807	$641,372	done	3
Kern Co.	KER180507	CML-5950(511)	Kern County (Bakersfield): Rosedale Highway between SR-43 and Heath Road; Surface 4 miles of dirt shoulders	$0	$2,875,285	$3,247,809	done	3
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$421,690	$0	$476,324	done	3
Kern Co.	KER180507	CML-5961(017)	Kern County (Tehachapi): Backes Ln (Highline Rd - Schout Rd), Schout Rd (Backes Ln - Woodford Tehachapi Rd), Woodford Tehachapi Rd (Schout Rd - SR 202); pave shoulder and bike lane	$0	$1,832,751	$2,070,203	done	3

NOTES

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A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$572,929	$0	$647,158	done	3
Kern Co.	KER191003	Cycle 4 Statewide	In Lake Isabella: Walk Isabella - Lake Isabella Blvd and Erskine Creek Rd; pedestrian and cyclist safety and accessbility improvements (CTC approved time extension to 6/30/2024)	$0	$4,286,000	$4,841,000	April for June CTC - request time extension	1
McFarland	KER220403	STPL-5343(020)	Intersection of W. Perkins and 3rd St; improve safer commute and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$49,399	$0	$55,800	done	3
Ridgecrest	KER180403		W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$0	$85,219	N/A	N/A
Shafter	KER220404	STPL-5281(034)	7th Standard Rd from Friant Kern Canal to Zachary Ave; pavement reconstruction	$0	$538,000	$775,000	done	3
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$0	$44,900	N/A	N/A
Taft	KER220503	CML-5193(045)	550 Supply Rd; Install charging infrastructure and solar microgrid	$229,514	$0	$259,250	done	3
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$21,250	$0	$24,003	done	3
Tehachapi	KER200505	CML-5184(038)	Pinon Street from Brandon Lane east to Dennison Road; pave an unpaved street and install class II bike lane	$0	$371,826	$420,001	done	3

NOTES

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2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Tehachapi	KER211005	Cycle 5 MPO	SRTS Dennison Road Bicycle / Pedestrian Corridor Improvement project (CTC approved time extension to 2/28/2025)	$0	$2,087,000	$2,087,000	March for May CTC - request time extension	1
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$68,796	$0	$77,710	done	3
Wasco	KER180507	CML-5287(062)	Wasco: Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$49,156	$0	$55,525	done	3
Wasco	KER180507	CML-5287(058)	N. Palm Ave. between Margalo St. and Gromer Ave; pave shoulders, construct bicycle and pedestrian facilities	$0	$350,671	$396,105	done	3

NOTES

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2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403		Panama Ln from Gosford Rd to Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,167,000	$5,836,440		1
Bakersfield	KER180507		White Ln from Wible Rd to Buena Vista Rd; installation of adaptive signal coordination	$0	$775,080	$875,500	Jan 2024	1
Bakersfield	KER180507		Stockdale Hwy from Renfro Rd to Coffee Rd; installation of adaptive signal coordination	$0	$336,768	$380,400	Jan 2024	1
Bakersfield	KER180507		H St from White Ln to Panama Ln, Panama Ln from Akers Rd to Parsons Wy; installation of adaptive signal coordination	$0	$509,048	$575,001	Jan 2024	1
Cal. City	KER180403	STPL-5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$0	$313,078	$541,389	Jan 2024	1
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$846,966	$956,700	Jan 2024	1
Delano	KER180403		Randolph St from Cecil Ave to 9th Ave and High St from Cecil Ave to Garces Hwy; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	Jan 2024	1
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$0	$1,024,000	$1,038,000		1
Delano	KER211003	Cycle 5 MPO	ATP-5 Bike Lane and Sidewalk Gap Improvement Project	$120,000	$791,000	$925,000		3, 1
KCOG	KER220401		In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	Jan 2024	1
KCOG	KER220501		In Kern County: CommuteKern Rideshare Program	$0	$256,470	$289,699	Jan 2024	1
Kern Co.	KER180403		Kern County: Buena Vista Rd from South Fairfax Rd to Main St; 1 mile of road rehabilitation	$0	$1,600,000	$1,807,297		1
Kern Co.	KER220402		Kern County: Buena Vista Blvd from South Vineland Rd to South Edison Rd; reconstruct 1 mile of road by recompacting the subgrade and installing new road base	$0	$1,600,000	$1,807,297		1

NOTES

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2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$0	$965,910	$1,090,054		1
Kern Co.	KER180507		Kern County (Metro Bakersfield): Intersection of Snow Rd and Quail Creek Rd; Construct a traffic signal and ancillary facilities	$0	$626,174	$707,302		1
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$0	$3,061,415	$3,458,054		1
Kern Co.	KER231001		In Oildale: Norris Rd from Melody Ln to Airport Dr; construct sidewalk; Norris Rd from Airport Dr to N. Chester Ave; construct pedestrian accessbility and crossing improvements	$1,059,000	$0	$1,059,000		1
McFarland	KER220403	STPL-5343(020)	Intersection of W. Perkins and 3rd St; improve safer commute and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$0	$346,601	$391,507		1
Ridgecrest	KER180403		W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$1,088,192	$1,339,139		1
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$252,000	$531,650		1
Taft	KER220503	CML-5193(045)	550 Supply Rd; Install charging infrastructure and solar microgrid	$0	$2,726,626	$3,079,890		1
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$0	$314,746	$355,525		2

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$0	$691,204	$780,757		1
Wasco	KER180507	CML-5287(062)	Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$0	$308,994	$349,028		1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

2024 Regional Transportation Improvement Program (RTIP)

WORKSHOP 3

Wednesday, August 23, 2023

Time: 10:00 AM to 11:00 AM

Location: Hybrid

In-person in Kern COG Board Room

Teleconference via Go To Meeting

THE GO TO MEETING TELECONFERENCE INFORMATION WILL BE PROVIDED WITH AGENDA

Kern Council of Governments

TOPICS FOR DISCUSSION

- CTC Fund Estimate
- Administrative Draft Capital Improvement Program
- Review of remaining timeline

Questions or comments? Please contact:

Raquel Pacheco
rpacheco@kerncog.org
661-635-2907

Kern Council of Governments

August 30, 2023

TO: **TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)**

FROM: AHRON HAKIMI, EXECUTIVE DIRECTOR

SUBJECT: SEPTEMBER MEETING CANCELLATION NOTICE

The meeting of the Transportation Technical Advisory Committee (TTAC) scheduled for Wednesday, September 6, 2023, has been cancelled.

The next regularly scheduled meeting will be Wednesday, October 4, 2023. Agenda materials will be mailed approximately one week prior to the meeting.

There following information items and announcements are available on the TTAC webpage: https://www.kerncog.org/ttac-meetings

INFORMATION ITEMS:

A. Sustainable Community Grants/Cog Assistance Requests and Feedback Monitoring Data - **Email Requests Due to Kern COG Friday, September 29, 2023**
B. Cycle 7 Active Transportation Program – Upcoming Statewide Call for Projects
C. FY 2023-24 Kern Region Estimated Transit and Intercity Rail Capital Program (TIRCP) Call for Projects - $46,453,489
D. FY 2023-24 Kern Region Estimated Zero Emission Transit Capital Program (ZETCP) - $5,057,036
E. 2024 Regional Transportation Improvement Program (RTIP)

ANNOUNCEMENTS:

A. 2024 Regional Transportation Improvement Program Workshop #4 – September 13, 2023, from 10:00 – 11:00am (Repeat of Workshop #3, see flyer)
B. GRANTFINDER Demonstration Workshop – September 13, 2023, from 1:30pm – 2:30pm (see flyer and form)
C. Rideshare Week – October 2-6, 2023 (see flyers)
D. Unmet Transit Needs – Written comments due by October 13, 2023, and Public Hearing on October 19, 2023 at 6:30pm (see ad)
E. Monthly Community Rides in Lamont, Lake Isabella, Wasco, Arvin, Delano, Buttonwillow, McFarland, Bakersfield, Taft, Shafter, California City, Maricopa, and Lost Hills (see flyers for details)

Kern Council of Governments

September 6, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: Ahron Hakimi
Executive Director

BY: Rob Ball, Deputy Director/Planning Director
Rochelle Invina-Jayasiri, Regional Planner
Linda Urata, Regional Planner
Vincent Liu, Regional Planner
Irene Enriquez, Regional Planner

SUBJECT: **INFORMATION ITEM: A.**
SUSTAINABLE COMMUNITY GRANTS/COG ASSITANCE REQUESTS AND FEEDBACK MONITORING DATA - **EMAIL REQUESTS DUE TO KERN COG FRIDAY, SEPTEMBER 29, 2023**

DESCRIPTION:

The 2022 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) includes a strategy to provide sub regional feedback on SB 375 travel reduction goals and provide technical assistance and grant writing assistance to help sub areas of the County that need it most. This is an annual process reviewed by the TTAC and RPAC.

DISCUSSION:

A new 2-part strategy was proposed in the 2014 RTP/SCS, and continued in subsequent cycles, to help our member agencies voluntarily monitor their progress toward the region's air emission goals. The strategy also helps member agencies develop projects that will better compete for funding under policies that emphasizes sustainability. Kern COG provides monitoring data along with technical assistance and grant writing assistance. The data provides sub-regional monitoring feedback and helps prioritize assistance using the regional travel model as part of this process.

COG Technical Assistance

The 2014 RTP was the first to contain an SCS as required by the state Climate Protection Act of 2008 (SB 375). Kern COG began work with member agencies on developing more sustainable projects and strategies immediately after the adoption of the 2008 Kern Regional Blueprint.

Since 2009, Kern COG has awarded over $500,000 in technical assistance grants and/or staff time support to provide member agencies with resources to identify and implement projects that would further the goals of the 2008 Kern Regional Blueprint and now the SCS. Available funding for Kern COG technical assistance grants, and staff time support to assist member agencies in applying for the numerous grant resources varies from year to year based on need and resource availability. This program has helped fund:

- In kind staff-time match for sustainable community planning grants for modeling/public outreach
- Regional travel demand modeling and GIS mapping support
- community bike and complete street plans
- community visioning/design workshops
- 2D/3D community visualizations

- transportation impact fee programs
- general plan circulation element updates
- Early transportation project development planning studies

Member Agencies Email Sustainable Community Planning/Project Development Ideas to Kern COG by Friday, September 29, 2023 - Under this Kern COG local government assistance program, staff can recommend that technical assistance resources be prioritized for agencies with the greatest potential need (see monitoring section below). Agencies must request technical assistance in writing by September 29, 2023 for consideration. Requests may be made by email and should include a brief preliminary scope and budget regarding the planning level work needed. Agencies are encouraged to contact COG staff for assistance in developing the request for sustainable community strategy implementation and planning funds. Staff will provide assistance to member agencies in deciding which grant resources (see attachment 1) are most appropriate and effective. Please contact Rob Ball - 661-635-2902, rball@kerncog.org or Irene Enriquez - 661-635-2918, ienriquez@kerncog.org.

Member Agencies Provided with Free Access to GrantFinder.com - Kern COG has secured GrantFinder software licenses on behalf of its member agencies, and local public transit agencies for the period ending March 30, 2024, which may be extended. GrantFinder (http://grantfinder.com) is a real-time database of federal, state, and private grant opportunities tailored to municipalities and nonprofits. The program allows users to tailor their grant searches to their needs. To receive access, the member agency may designate up to two users on the attached form and return it to Linda Urata, Regional Planner. Currently all member agencies have access except for the cities of Shafter and Tehachapi. GrantFinder training is available by request; Program contact: Linda at 661-635-2904 or lurata@kerncog.org or Susanne Campbell scampbell@kerncog.org.

Prioritized Funding Policy for More Sustainable Projects - In November 2012 and most recently updated in April 2021, the Kern COG Board adopted the new project delivery policies and procedure (https://www.kerncog.org/policies/) to assist the region in promoting projects that better match the goals of the RTP/SCS. Dependent on the funding category, the procedure provides points for ranking projects for future funding. Up to half of the points go to projects that promote more sustainable/livable communities and lower air emissions. Since this policy and procedure update, Kern COG has funded park & ride facilities in California City and South Bakersfield, the Golden Empire Transit District has implemented a new/more convenient bus rapid transit, express bus and On Demand microtransit network, and the City of Tehachapi has adopted the first city-wide “form-based-code” General Plan in California. These types of projects are proliferating in the region in part because of the Kern COG adopted project delivery policies.

Monitoring Data Feedback

The table in Attachment 2 shows the latest modeling of auto Vehicle Miles Traveled (VMT) per person (household population + employment by place of work) from the most recently adopted RTP. The total shows a 2.6 percent decrease in VMT between 2020 and 2022. All regions show lower VMT per capita household population + employment by 2046 compared to 2020 except for Greater Taft, Arvin and Tehachapi.

This technical and grant writing assistance program RTP strategy will continue to be funded as planning funds and grants are available. Subject to the Board’s direction, Kern COG resources may be prioritized to communities that may be showing difficulty in making progress towards reducing emissions and passenger vehicle travel. Grants and incentives are subject to state and federal funding requirements.

Attachments
Attachment 1 – Kern Sustainable Community Grant Resources – August 2023
Attachment 2 – Kern 2022 RTP/SCS Change in Daily Auto Miles Traveled
Attachment 3 - Kern Sub Area Index and Vehicle Miles Traveled Maps

Attachment 1

Kern Sustainable Community Grant Resources–August 2023

Local Programs

Kern COG Technical Assistance Program – Email Request to Rob Ball rball@kerncog.org **due by Friday, 5PM September 29, 2023 by 5 p.m.**
Requests may be made by email and should include a draft scope, budget, and timeline regarding the planning need. Agencies are encouraged to contact COG staff for assistance in developing the request for planning resources and strategizing which sources are most appropriate. Awards are subject to available funding, need, and past geographic distribution of past awards. The awards will be used in developing the programming for next fiscal year's Kern COG Overall Work Program. Past awards have included:

- Travel modeling and GIS mapping support technical support
- In-kind staff time in data collection/outreach to help match a sustainable planning grant
- Grant writing assistance
- Community bike and complete street plans
- Community visioning/design workshops
- Transportation impact fee programs
- General plan circulation element updates
- Transportation project development planning studies

Kern COG GrantFinder Software Licenses - Kern COG maintains a license with Lexipol for GrantFinder Software. Member agencies can have up to two users for this software. In Q1 2023-24, Kern COG will contact the member agencies to renew authorization of the member agency software-user contacts. License holders may receive technical support from Lexipol. Contact Linda Urata urata@kerncog.org, Susanne Campbell scampbell@kerncog.org or Irene Enriquez ienriquez@kerncog.org for more information.

Kern COG Online Resources
To support grant applications Kern COG posts regional plans, resources and toolkits on the Kern COG website www.kerncog.org. For example:

- **2022 Regional Transportation Plan Chapter 4 - Sustainable Communities Strategy** provides projects and strategies for implementing Kern efforts to reduce GHG emissions from passenger vehicles. https://www.kerncog.org/2022-rtp/
- **2019 EV Charging Station Installation Resources List**, and the 2019 EV Charging Station Blueprint to its website. Kern COG will produce a 2024 EV Charging Station Blueprint in the coming year.: https://www.kerncog.org/wp-content/uploads/2022/06/EVCS_Toolkit_Resources_202206.pdf
- **2023 Kern Medium-Duty and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprint** featured five high-impact sites which may serve as examples to follow. The five sites may be eligible for a new CEC funding program to be launched in Q2 or Q3. The Blueprint is posted here: https://www.kerncog.org/wp-content/uploads/2023/04/2023__MD-HD_ZEV_Infrastructure_Blueprint.pdf
- **2018 Kern Regional Active Transportation Plan** provides eligible bike and pedestrian projects for all jurisdictions in Kern. https://www.kerncog.org/bicycle-plans/

- **2020 Kern County Rural Alternative Transportation Plan** provides transit ZEV projects for all outlying jurisdictions in Kern https://www.kerncog.org/public-transportation/

San Joaquin Valley Air Pollution Control District
Grants and Incentive Programs - http://valleyair.org/grants/ - Some **applications accepted year-round.**

- **Bike Paths** provides funds to establish bicycle infrastructure such as Class I or Class II bicycle paths
- **E-Mobility Commerce** provides funds to develop or expand electronic telecommunication services
- **Public Benefit** provides funds to purchase new, alternative-fuel vehicles and infrastructure and develop advanced transit and transportation systems
- **Charge Up!** Provides funds for businesses and public agencies to purchase and install electric vehicle chargers for public use.
- **Plug in Electric Vehicle Resources Center** provides information about plug-in electric vehicles including available incentive funding, charging infrastructure and locations, and the district's activities to increase and sustain electric vehicles in the Valley
- **Public Transportation Subsidy and Park & Ride Lots** provides funds to subsidize transportation passes for bus, shuttle and commuter rail services. Funds are also available for the construction of park and ride lots
- **Public Agency Programs: Click the tab to learn more about Emergency Vehicle Replacement Program, Alternate Fuel Mechanic Training - Heavy Duty Waste Haulers - School Bus Programs**
- **AB 836 Wildfire Smoke 'Clean Air Centers'** check the website to learn if the program funding is available in late summer or fall 2023
- **AB 617 Programs exist in Arvin and Shafter.** Funding will be directed by a Community Emission Reduction Program. Currently no information on another round of community selection.

Eastern Kern Air Pollution Control District
DMV Grant and Voucher Program – Contact: 661-862-5250.
NOTE: Some grant funds are distributed annually. Check the website.
http://www.kernair.org/Main_Pages/grants.html

- **DMV Vehicle Voucher Program** is currently closed for 2023
  - $4,000 funding available for the purchase of a Zero Emission Vehicle (ZEV) with an EPA Smog Score of 10
  - $2,000 funding available for the purchase of a Partial Zero Emission Vehicle (PZEV(with an EPA Smog Score of 8 or 9
- **DMV Grant** Program ($50k max. per project) Projects include: Paving Dirt Roads to reduce fugitive dust emissions caused by vehicle travel, Installation of EV Charging Station or CNG refilling stations, Alternative Fuel Mechanics Training, Public Education Courses, and Innovative Vehicle-Related Emission Reduction Proposals accepted. **Applications opened annually. 2023 program closed March 9, 2023. Check the website in late 2023 for the next round of funding.**

Kern County Air Pollution Mitigation Fund for projects designed to reduce particulate or ozone air pollution in Kern and is administered by the Rose Foundation for Sierra Club. https://rosefdn.org/kern-county-air-pollution-mitigation-fund

State Programs

UpLift California Resource Guide – http://upliftca.org/resource-finder/ Whether you're a community group looking to plant trees or expand clean transit, or a family looking to cut your electricity bill, find electric car rebates or get help with energy conservation, find out how California's climate investments can help you. UpLiftCA was created by The Greenlining Institute in partnership with several organizations involved in finding solutions for the impacts from air pollution and climate change on California's underserved communities.

Caltrans

- **Transportation Planning Resources** – https://dot.ca.gov/programs/transportation-planning
- **Sustainable Transportation Planning Grants FY 2023-2024** – Currently closed. Applications scheduled released in January 12, 2023 with a due date March 9, 2023. https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants
- **Active Transportation Program (ATP)--** https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program The California Transportation Commission (CTC) ATP Cycle 6 Call for Projects closed on March 16-17, 2022, and closed on June 15, 2022. For MPO-directed funding, the Kern COG process follows the statewide application process, using that process to score projects for Kern COG consideration. Kern COG announces the ATP Cycle funding to its member agencies via email and in technical advisory committee meetings. There is no schedule for Cycle 7 at this time.

Strategic Growth Council (SGC)

- **Affordable Housing and Sustainable Communities (AHSC)** Program make it easier for Californians to drive less by making sure housing, jobs, and key destinations are accessible by walking, biking, and transit. AHSC Round 7 application deadline was April 4,2023. Awards were adopted August 7, 2023. https://sgc.ca.gov/programs/ahsc/
- **Transformative Climate Communities** (TCC) Program empowers the communities most impacted by pollution to choose their own goals, strategies, and projects to reduce greenhouse gas emissions and local air pollution. The SGC Round 5 application process closed on August 3, 2023, with awards scheduled to be approved by December 14, 2023. The TCC Program does not currently have funding allocated a sixth round of awards. https://sgc.ca.gov/programs/tcc/

California Housing and Community Development Department

- The California Department of Housing and Community Development (HCD) has a list of housing programs that currently have funding available: https://www.hcd.ca.gov/grants-and-funding
- Super NOFA-Announced May 2023 and closed July 12, 2023, combined four programs into one application: Multifamily Housing Program (MHP), Infill Infrastructure Gant (IIG) Program, Veteran's Housing and Homelessness Prevention (VHHP) Program, and Joe Serna, Jr. Farmworker Housing Grant (FWHG) Program.

California Natural Resources Agency - https://resources.ca.gov/grants

The California Natural Resources Agency Bonds and Grant unit administers various programs. They offer listserv registration for some program notifications. For instance, the Environmental Enhancement and Mitigation Program is an annual program (solicitation closed for 2023) offering grants to local, state and federal governmental agencies and to nonprofit organizations for projects to mitigate the environmental impacts caused by new or modified public transportation facilities. Visit the website to obtain information about the various programs (including an extensive 43-page list of "other" funding programs), project eligibility requirements and application due dates.

California Air Resources Board – https://www.arb.ca.gov/ba/fininfo.htm
Air Pollution Incentives, Grants and Credit Programs - Multiple granting programs. Visit the website to obtain project eligibility requirements and application due dates. It is recommended to join relevant listservs.

California Energy Commission - https://www.energy.ca.gov/funding-opportunities
The California Energy Commission offers a variety of funding opportunities to advance the state's transition to clean energy and transportation through innovation, efficiency, and the development and deployment of advanced technologies. It is recommended to join relevant listservs.

Federal Programs

Federal Funding Opportunities: Visit the Federal grants portal and create an account using your agency's Unique Entity Identifier (UEI). https://www.grants.gov/

United States Department of Energy | Energy Efficiency & Renewable Energy |Alternative Fuels Data Center - Alternative Fuels Data Center: https://afdc.energy.gov/states/ca
California Transportation Data for Alternative Fuels and Vehicles: - Find transportation data and information about alternative fuels and advanced vehicles in California, including laws and incentives, fueling stations, fuel prices, and more.(https://afdc.energy.gov/laws/state_summary?state=ca)

Federal Highways Administration | Bipartisan Infrastructure Law

- **Rebuilding American Infrastructure with Sustainability and Equity (RAISE)** provides grants for surface transportation infrastructure projects that will have a significant local or regional impact (aka Local and Regional Project Assistance). https://www.transportation.gov/RAISEgrants
- **Nationally Significant Multimodal Freight and Highway Projects (INFRA)** provides grants for multimodal freight and highway projects of national or regional significance. https://www.transportation.gov/grants/infra-grants-program
- **National Infrastructure Project Assistance Program (MEGA)** provides grants to surface transportation infrastructure that are too large or complex for traditional funding programs that will have a significant national or regional impact. https://www.transportation.gov/grants/mega-grant-program
- **Rural Surface Transportation Grant Program** provides grants for projects to improve and expand the surface transportation infrastructure in rural areas to increase connectivity, improve the safety and reliability of the movement of people

and freight, and generate regional economic growth and improve quality of life. https://www.transportation.gov/grants/rural-surface-transportation-grant

- **Safe Streets and Roads for All** provides grants to support local initiatives to prevent transportation-related death and serious injury on roads and streets (commonly referred to as “Vision Zero” or “Toward Zero Deaths” initiatives). https://www.transportation.gov/SS4A
- **Bridge Investment Program** provides grants for projects to improve the condition of bridges and culverts and the safety, efficiency, and reliability of the movement of people and freight over bridges. https://www.fhwa.dot.gov/bridge/bip/index.cfm
- **Reconnecting Communities Pilot Program – Planning Grants** provides grants for feasibility studies and other planning activities for projects to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. https://www.transportation.gov/grants/reconnecting-communities
- **Reconnecting Communities Pilot Program — Capital Construction Grants** provides grants for projects to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. https://www.transportation.gov/grants/reconnecting-communities
- **Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Discretionary Grants** provides grants for activities that enable communities to address vulnerabilities to current and future weather events, natural disasters, and changing conditions, including sea level rise, and plan transportation improvements and emergency response strategies to address those vulnerabilities. https://www.fhwa.dot.gov/environment/protect/discretionary/
- **Tribal High Priority Projects Program** provides grants to Indian Tribes or a governmental subdivision of an Indian Tribe whose annual allocation of funding received under the Tribal Transportation Program is insufficient to complete the highest priority project of the Tribe, or to any Tribe that has an emergency or disaster occur on a Tribal transportation facility that renders the facility impassible or unusable. https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=55
- **National Electric Vehicle Infrastructure (NEVI) Set-aside Discretionary Grant** provides10 percent set-aside each fiscal year to provide grants to provide additional assistance to strategically deploy EV charging infrastructure. www.fhwa.dot.gov/bipartisan-infrastructure-law/nevi_formula_program.cfm
- **Charging and Fueling Infrastructure Grants Program (Community Charging)** provides grants for projects to develop electric vehicle charging and hydrogen, propane, and natural gas fueling infrastructure access along alternative fuel corridors throughout the country, including in rural areas, low- and moderate-income neighborhoods, and communities with a low ratio of private parking spaces to households or a high ratio of multiunit dwellings to single family homes. https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=144
- **Nationally Significant Federal Lands and Tribal Projects (NSFLTP) Program** provides grants to Tribes and Federal land management agencies to complete projects that will provide substantial benefits to their communities or parklands. https://highways.dot.gov/federal-

lands/programs/significant?_gl=1*v0k1gl*_ga*OTc5MTQ3MDczLjE2ODk3ODY3NzM.*_ga_VW1SFWJKBB*MTY4OTc5MDA4Ni4yLjEuMTY4OTc5MDA4OS4wLjAuMA..

- **Wildlife Crossings Pilot Program** provides grants to support projects that seek to reduce the number of wildlife-vehicle collisions, and in carrying out that purpose, improve habitat connectivity for terrestrial and aquatic species. https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=133
- **National Culvert Removal, Replacement, and Restoration Grants** provides grants to fund projects for the replacement, removal, and repair of culvert or weirs that would meaningfully improve or restore fish passage for anadromous fish. https://www.fhwa.dot.gov/engineering/hydraulics/culverthyd/aquatic/culvertaop.cfm
- **Advanced Transportation Technologies and Innovative Mobility Deployment** (also known as Advanced Transportation Technology and Innovation (ATTAIN) Program) provides grants to deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment. https://ops.fhwa.dot.gov/bipartisan-infrastructure-law/index.htm?_gl=1*1oyfn7h*_ga*OTc5MTQ3MDczLjE2ODk3ODY3NzM.*_ga_VW1SFWJKBB*MTY4OTc5MDA4Ni4yLjEuMTY4OTc5MDM4My4wLjAuMA..
- **Accelerated Innovation Deployment (AID) Demonstration Program** provides grants to support the pilot/demonstration of innovations on projects, in areas such as planning, financing, operations, pavements, structures, materials, environment, and construction. https://www.fhwa.dot.gov/innovation/grants/

Note that the above listing of programs are not comprehensive and are subject to change. The listing is intended as an example resource guide of programs that can help implement the Kern region's Sustainable Communities Strategy.

Attachment 2 – How Sub Areas of Kern County are Doing on Reducing Vehicle Miles Traveled.

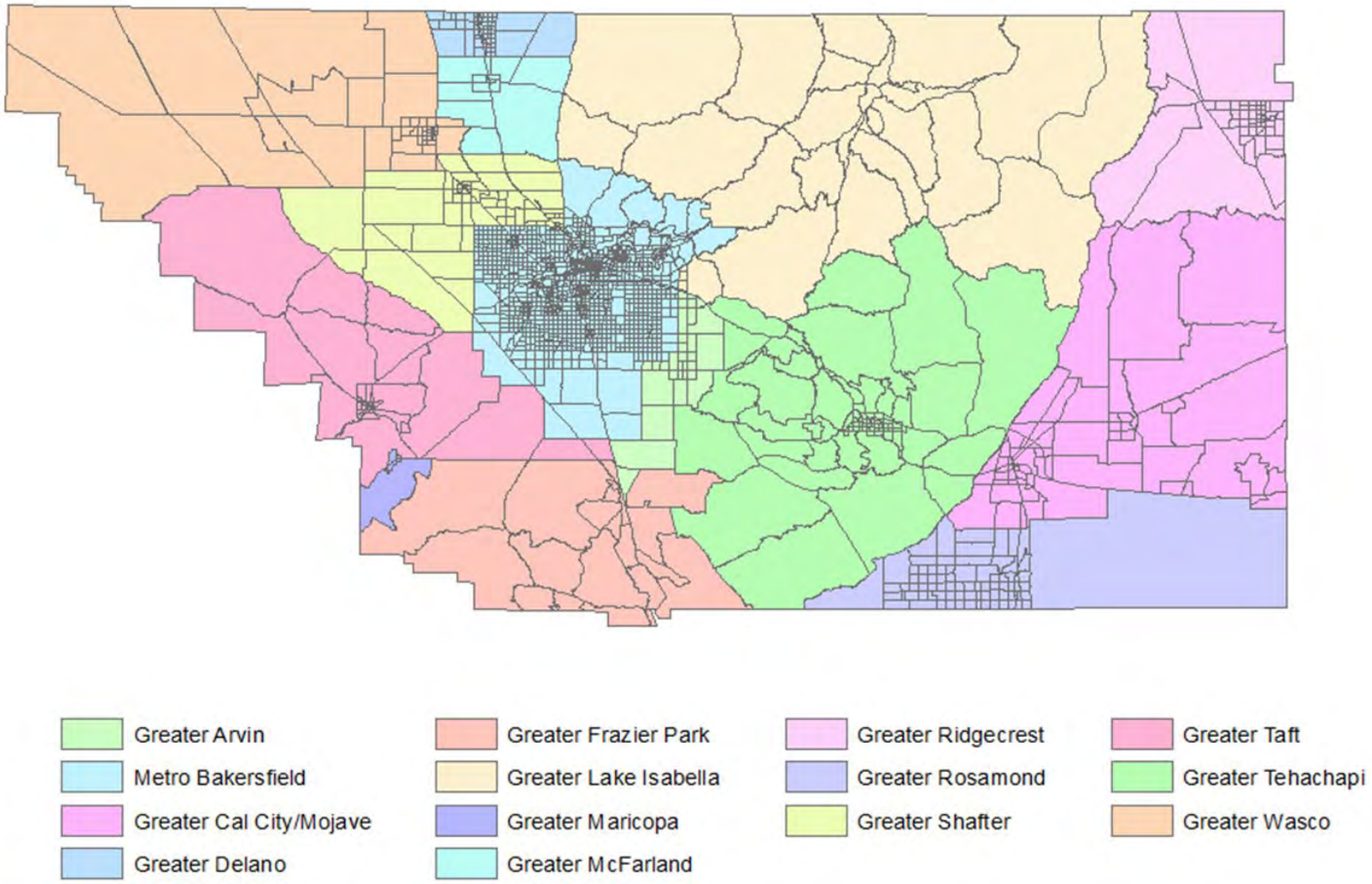
2022 RTP Change in Daily Auto Miles Traveled Compared to the Old Plan

		RSA VMT			Persons = Household Population + Employment (by place of work)			Auto Miles Traveled/Person			% Change from Base 2020		Progress Compared to Old Plan
		2020	2046 Old Plan	2046 Plan	2020	2046 Old Plan	2046 Plan	2020	2046 Old Plan	2046 Plan	2046 Old	2046 Plan	
		(miles)			(persons)			(miles/person)			(percent)		
1	Greater Taft	1,139,077	1,459,016	1,447,492	27,496	33,334	33,221	41.43	43.77	43.57	5.7%	5.2%	-0.5%
2	Greater McFarland	895,810	1,013,188	1,016,217	25,972	32,597	32,426	34.49	31.08	31.34	-9.9%	-9.1%	0.7%
3	Greater Wasco	1,477,836	1,804,142	1,771,176	38,691	53,046	52,749	38.20	34.01	33.58	-11.0%	-12.1%	-1.1%
4	Greater Tehachapi	1,588,962	1,966,921	1,920,689	40,884	54,914	54,224	38.87	35.82	35.42	-7.8%	-8.9%	-1.0%
5	Greater Bakersfield	15,674,973	19,140,950	19,128,176	792,093	1,011,853	1,016,113	19.79	18.92	18.82	-4.4%	-4.9%	-0.5%
6	Greater Cal City/Mojave	1,054,411	1,397,478	1,365,859	25,727	40,094	38,396	40.99	34.86	35.57	-15.0%	-13.2%	1.8%
7	Greater Lake Isabella	769,798	880,509	727,855	19,215	23,285	21,160	40.06	37.81	34.40	-5.6%	-14.1%	-8.5%
8	Greater Ridgecrest	775,055	802,517	736,566	49,742	58,629	58,265	15.58	13.69	12.64	-12.2%	-18.9%	-6.7%
9	Greater Frazier Park	955,022	2,570,839	3,468,996	13,788	46,682	65,164	69.26	55.07	53.24	-20.5%	-23.1%	-2.7%
10	Greater Shafter	2,173,354	3,022,792	3,057,541	47,887	73,573	73,203	45.39	41.09	41.77	-9.5%	-8.0%	1.5%
11	Greater Arvin	1,011,263	1,290,470	1,226,085	30,692	37,201	35,672	32.95	34.69	34.37	5.3%	4.3%	-1.0%
12	Greater Delano	1,626,396	1,720,906	1,703,981	63,266	72,919	72,297	25.71	23.60	23.57	-8.2%	-8.3%	-0.1%
13	Greater Maricopa	204,836	203,423	197,277	1,625	1,636	1,628	126.05	124.34	121.16	-1.4%	-3.9%	-2.5%
14	Greater Rosamond	870,768	966,958	977,382	32,894	41,336	42,061	26.47	23.39	23.24	-11.6%	-12.2%	-0.6%
	Total / Average:	30,217,561	38,240,107	38,745,291	1,209,973	1,581,100	1,596,578	24.97	24.19	24.27	-3.2%	-2.8%	0.3%
16	Gateway Travel	9,085,626	9,971,386	10,338,693									
	All Travel	39,303,187	48,211,493	49,083,984									

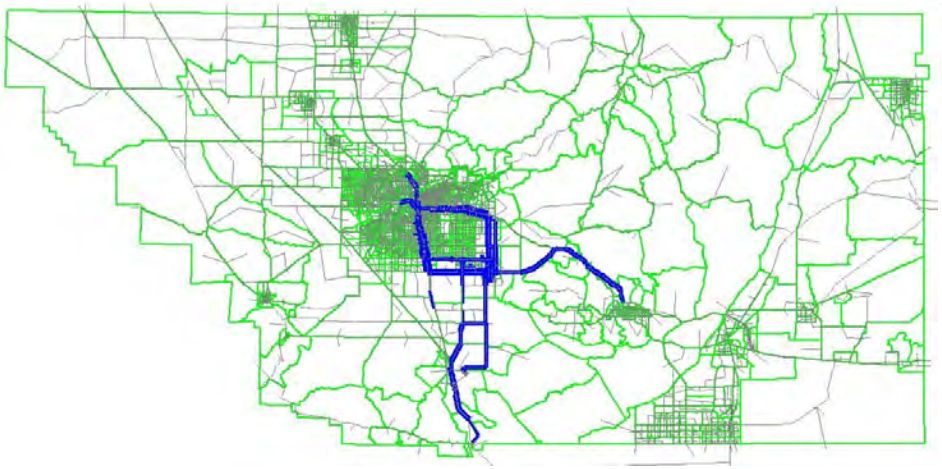
Note that this reporting is voluntary and for advisory purposes only. Future year values are estimated based on the latest land use assumptions and are updated every four years. These assumptions can vary widely from year to year based on recent changes in the local development activity and other variables. Although average travel per person includes areas outside each sub area (see spider diagram maps below), they do not include travel outside the county, possibly skewing the results of sub areas nearer the edge of the County. The analysis shows that Bakersfield and Ridgecrest have the lowest travel per person possibly because these regions are fairly self-contained having sufficient amenities such as hospitals. The 2022 RTP/SCS is the first to be accepted in the San Joaquin Valley by the California Aire Resources Board and demonstrates that Kern is on track to make state GHG targets for passenger vehicle travel if fully implemented.

Attachment 3 – Map of Sub Areas

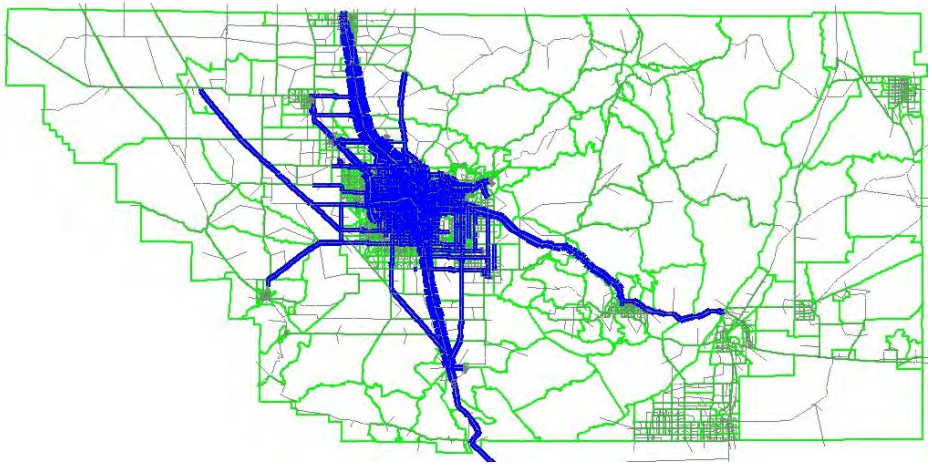
Transportation Analysis Zones (TAZs) by Regional Statistical Areas (RSAs)



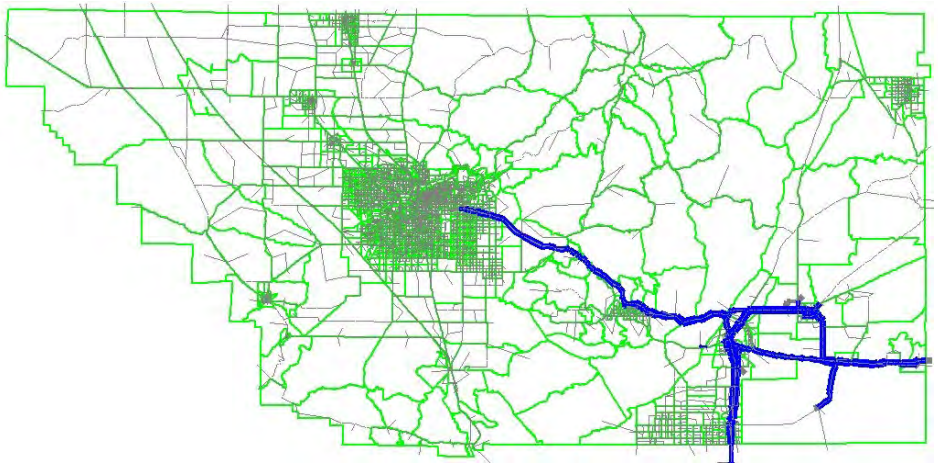
Greater Arvin



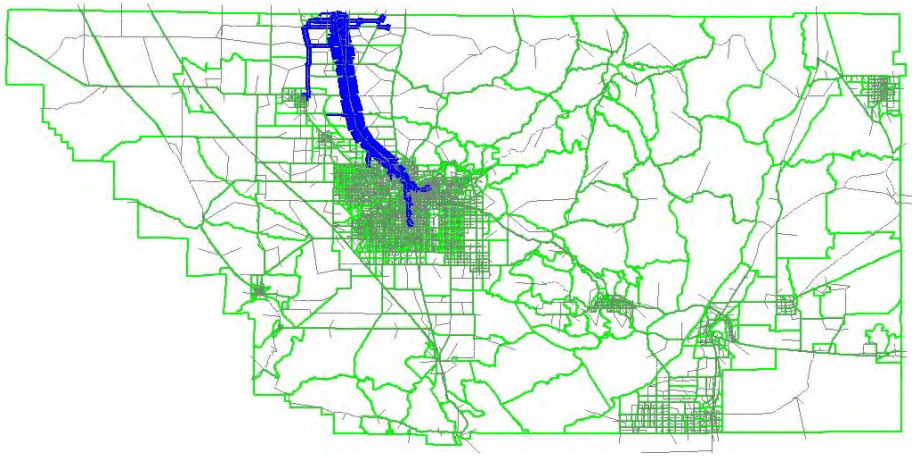
Greater Bakersfield



Greater California City / Mojave

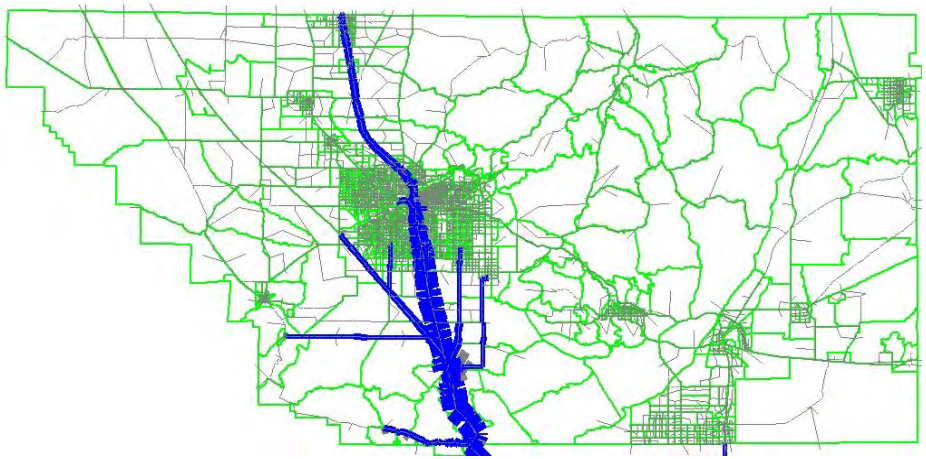


Greater Delano

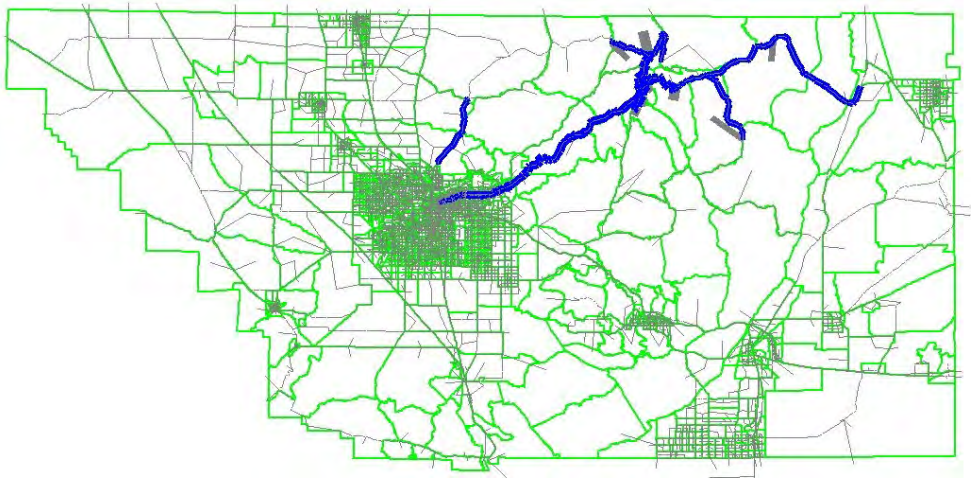


Dark blue bandwidths represent the relative traffic volume along modeled roadways originating and/or destined from each sub area or grouping of Transportation Analysis Zones (TAZs). TAZs are represented by the green boundaries. The sub area volumes are shown in attachment 2. Note that traffic traveling between sub areas is counted more than once in attachment 2 resulting in a higher total volume when summed due to double counting of the overlapping trips.

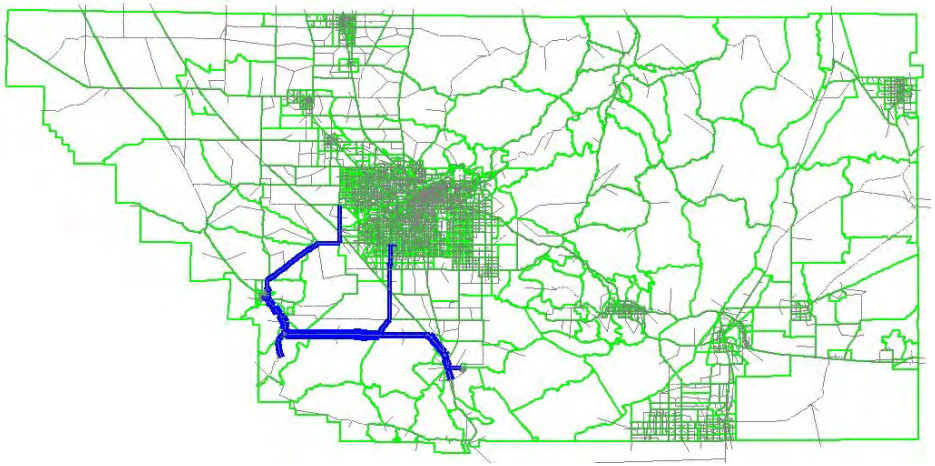
Greater Frasier Park



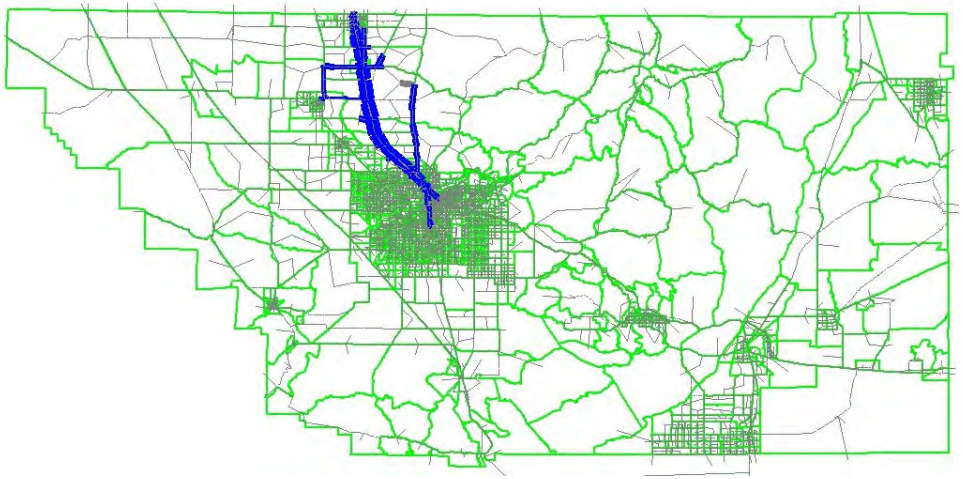
Greater Lake Isabella



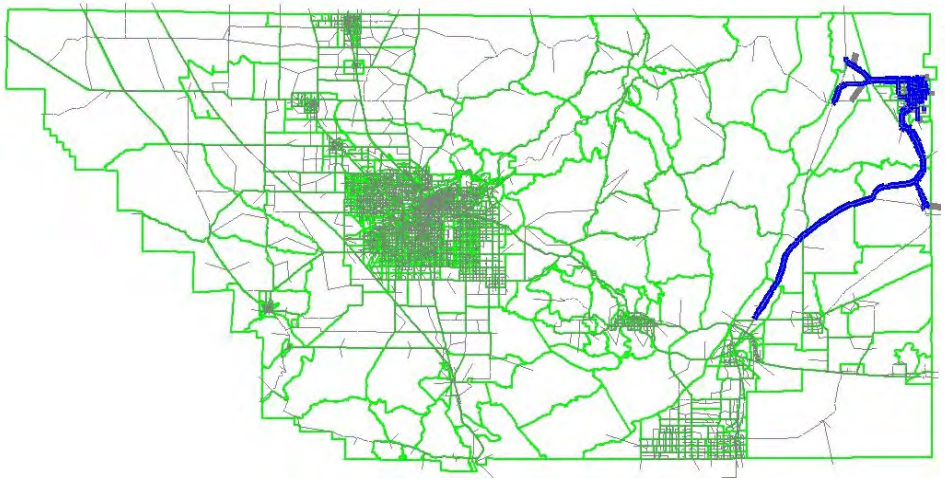
Greater Maricopa



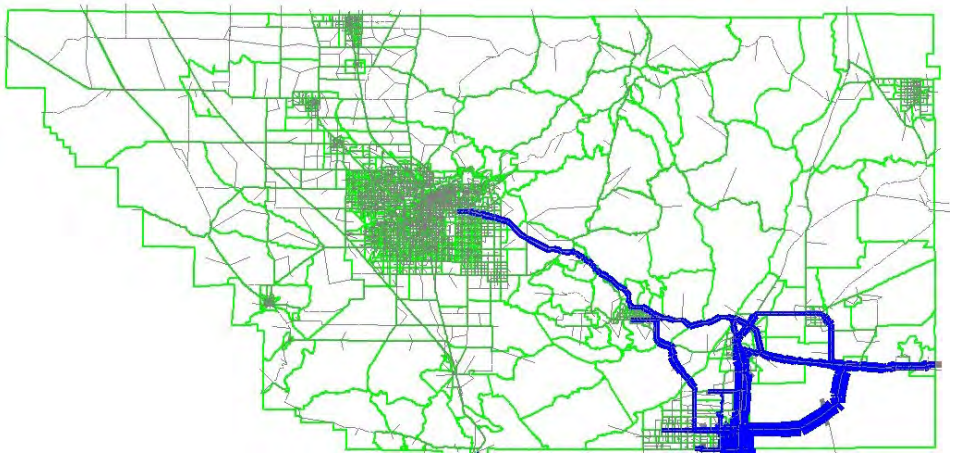
Greater McFarland



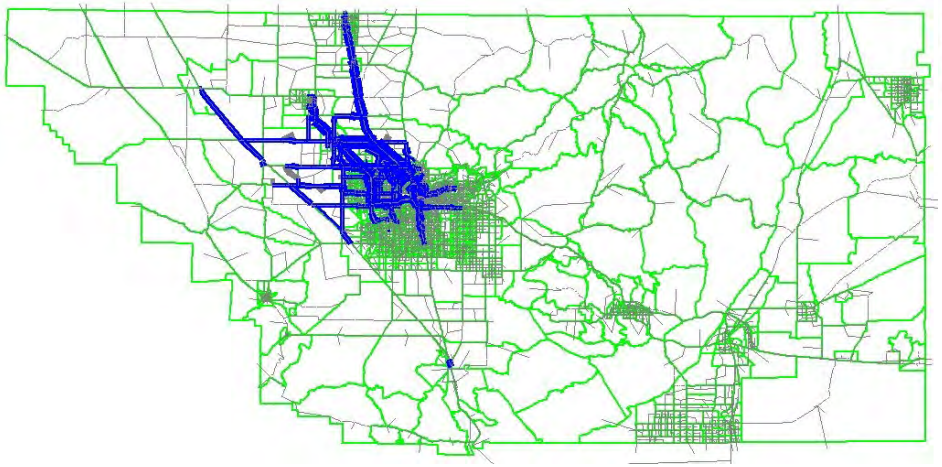
Greater Ridgecrest



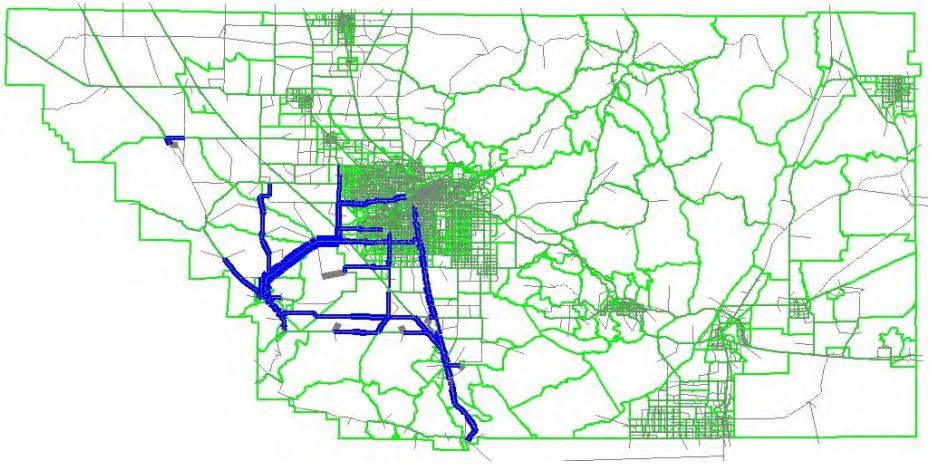
Greater Rosamond



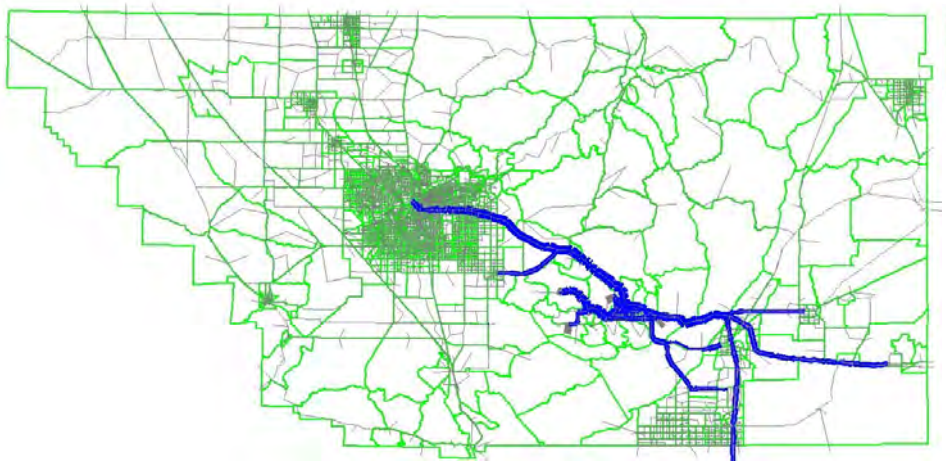
Greater Shafter



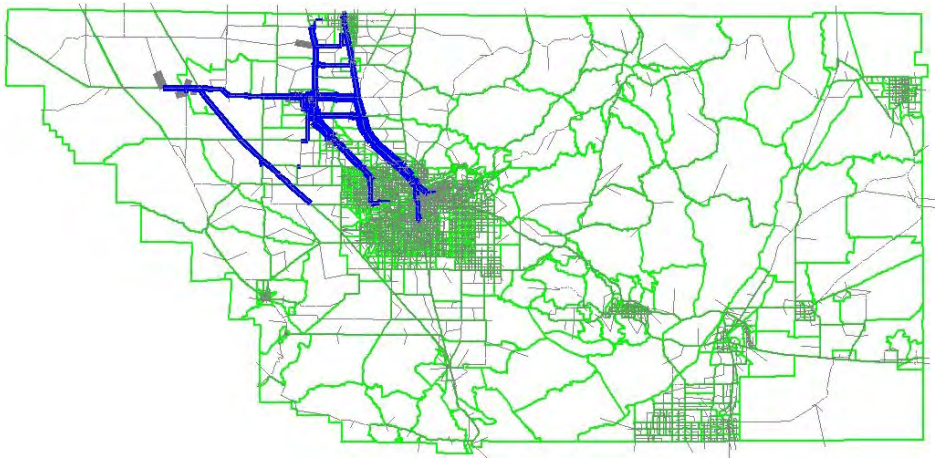
Greater Taft



Greater Tehachapi



Greater Wasco



Kern Council of Governments

September 6, 2023

TO: Transportation Technical Advisory Committee

FROM: Ahron Hakimi,
Executive Director

By: Irene Enriquez, Regional Planner

SUBJECT: **INFORMATION ITEM: B.**
CYCLE 7 ACTIVE TRANSPORTATION PROGRAM – UPCOMING STATEWIDE CALL FOR PROJECTS

DESCRIPTION:

The California Transportation Commission (CTC) anticipates initiating the statewide Cycle 7 Active Transportation Program (ATP) Call for Projects at their March 21-22, 2024, meeting, with a project application due date of June 17, 2024.

DISCUSSION:

On August 16, 2023, CTC staff conducted a kick-off workshop to initiate and explain upcoming events for the roll-out of the 2025 Cycle 7 Active Transportation Program Call for Projects. Other announcements made regarding this roll-out including 1) the offer to provide meetings with the CTC on Tuesdays and Thursdays, September 2023 through March 2024; and 2) new online application portal, Submittable. Additional information on these items circulated as it becomes available. Please check the CTC ATP resource page for more information. We are providing the following information to reflect upcoming key timeline benchmarks that span from March 2024 all the way through June 2025 for the full cycle. Potential applicants should use the following links to ensure access to up-to-date information for the 2025 Cycle 7 ATP information:

https://catc.ca.gov/programs/active-transportation-program and
https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program.

CTC ATP guidelines and fund estimate establish a state funding share and MPO funding share for ATP programming capacity. In response, the Kern Council of Governments has an adopted ATP project delivery policy that defers to the original application review and ranking by the state for all original state submitted applications. Kern COG does not do a separate ATP Call for Projects to use the MPO share and therefore does not adopt its own modified guidelines or requests separate applications. The timeline shown on the following page reflects the statewide call for projects and MPO segment of the process.

The dates below, provided during the August 16, 2023, kick-off workshop, may be subject to revision.

CTC 2025 Cycle 7 Active Transportation Program Timeline

Benchmark Activity	Date
Draft ATP Guidelines presented to Commission	January 25-26, 2024
Draft ATP Fund Estimate presented to Commission	January 25-26, 2024
Commission hearing and adoption of ATP Guidelines	March 21-22, 2024
Commission adopts ATP Fund Estimate	March 21-22, 2024
Call for Projects	March 21-22, 2024
Application Deadline **(Submittable-New Portal)**	June 17, 2024
CTC staff recommendation for statewide applications	November 1, 2024
CTC adoption of statewide selected applications	December 5-6, 2024
Deadline for MPO draft project recommendations	February 21, 2025
Deadline for MPO final project recommendations	April 22, 2025
CTC recommendations for MPO component are posted	June 2, 2025
Commission adopts MPO selected projects	June 2025

Kern Council of Governments

September 6, 2023

TO: Transportation Technical Advisory Committee

From: Ahron Hakimi,
Executive Director

By: Robert M. Snoddy, Regional Planner

SUBJECT: **INFORMATION ITEM: C.**
FY 2023-24 KERN REGION ESTIMATED TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM (TIRCP) CALL FOR PROJECTS - $46,453,489

DESCRIPTION:

The Transit and Intercity Rail Capital Program (TIRCP) was created by Senate Bill (SB) 862 (Chapter 36, Statutes of 2014) and modified by 9 (Chapter 710, Statutes of 2015), to provide grants from the Greenhouse Gas Reduction Fund (GGRF) to fund transformative capital improvements that will modernize California's intercity, commuter, and urban rail systems, and bus and ferry transit systems to significantly reduce emissions of greenhouse gases, vehicle miles traveled, and congestion.

DISCUSSION:

Kern COG staff received an apportionment estimate from Caltrans staff for the Kern Region for the Transit and Intercity Rail Capital Program (TIRCP). Caltrans will administer the TIRCP funding program in two accounts: 99313 (Kern COG Regional) and 99314 (Agency only) similar to the Proposition 1B program. **The guidelines for this program's spending will be published on September 30, 2023.**

TIRCP Eligibility

Eligiblity for TIRCP tracks with the existing competitive program: rail capital projects (including acquisiton of rail cars and locomotives, that expand, enhance, and improve existing systems connectivity): intercity, commuter, and urban rail that increases service levels, improve reliability or decrease travel times; rail, bus, and ferry integration; and bus rapid transit and other bus and ferry investments that increase ridership and reduce GHG emission.

TIRCP Draft FY 2023-24 Regional Apportionmnet Schedule

	Population	Apportionment %	99313	99314	Total Apportionment
Arvin	**22,014**	**2.4110%**	**$1,051,470**	**$68,514**	**$1,120,011**
California City	**14,120**	**1.5465%**	**$674,423**	**$43,963**	**$718,386**
Delano	**51,070**	**5.5933%**	**$2,439,292**	**$159,007**	**$2,598,299**
GET	**552,749**	**60.5387%**	**$26,401,334**	**$1,720,994**	**$28,122,328**
Mcfarland	**14,044**	**1.5381%**	**$670,793**	**$43,726**	**$714,520**
Ridgecrest	**29,591**	**3.2409%**	**$1,413,375**	**$92,132**	**$1,505,508**
Shafter	**20,448**	**2.2395%**	**$976,672**	**$63,665**	**$1,040,337**
Taft	**7,142**	**.7822%**	**$341,128**	**$22,237**	**$363,365**

Tehachapi	**12,008**	**1.3152%**	**$573,546**	**$37,387**	**$610,934**
Wasco	**26,815**	**2.9369%**	**$1,280,783**	**$83,489**	**$1,364,272**
Kern Transit	**163,050**	**17.8577%**	**$7,787,870**	**$507,659**	**$8,295,529**
99313	**$43,610,689**				
99314	**$2,842,800**				
Kern Region total	**$46,453,489**				

Three Steps for RTPAs to Access Funds in FY 2023-24

Prior to December 31, 2023, the RTPA must: 1. Submit compiled transit operator data; then 2. Determine whether funds will be applied to transit operators either in FY 2023-24 or prior to the end of FY 2026-27. (If no funds will be applied to operations, then no further steps are necessary); If funds will be applied, then 3. The RTPA must submit a regional short-term financial plan. Agencies that do not submit complete information will have until April 30 to remedy their filings.

Two Steps for RTPAs to Accessing Funds in FY 2023-24

Each RTPA must submit compiled operator data and a regional short-term financial plan (regardless of whether any funds will be used to support transit operation prior to the end of FY 2026-27).

Submitting Compiled Transit Operator Data

The submission of data must be consistent with adopted guidelines, but at minimum must include: operator fleet and asset management plans; revenue collection methods and annual collection costs by operator; the existing service plan and planned changes; expenditures on security and safety measures; opportunities for restructuring, eliminating redundancies, and improving coordination amongst transit operators (including consolidation of agencies or reevaluation of network management and governance structure); and schedule data in general Transit Feed Specification (GTFS) format.

Contents of a Regional Short-Term Financial Plan

The plan shall: demonstrate how the region will address any operational deficit using all available funds through FY 2025-26; justify how the region's funding is proposed to be allocated to capital and operational expenses; justify and breakdown how the funding distributed between transit operators and among projects is consistent with program guidelines; demonstrate how the plan mitigates service cuts, fare increases, or layoffs to achieve short-term financial stability; summarize how the plan supports redership improvement strategies.

Transit Data Posted

RTPAs must post on its website a summary of monthly ridership data, consistent with the data submitted to the National Transit database, from all its transit operators during the period of time for which it receives those moneys.Should you have any questions or require additional information, please contact Bob Snoddy, Regional Planner at **(661) 635-2916** or E-mail at bsnoddy@kerncog.org.

Attachment: California Association of Councils of Governments – Policy Brief

California Association of Councils of Governments

POLICY BRIEF

July 21, 2023

The RTPA Role in Distributing New Transit Capital (and Operations) Funding in FY 23-24 State Budget

The State's Fiscal Year 23-24 Budget includes significant new funding for transit capital that may also be applied to cover transit operational needs on a region-by-region basis. Over $5 Billion in funds will be allocated directly to Regional Transportation Planning Agencies for these purposes through a formula Transit and Intercity Rail Capital Program (TIRCP) and a new Zero Emission Transit Capital Program (ZETCP). Accompanying this funding, however, are obligations to conduct financial and transit service quality analysis that will be new to most RTPAs. This Policy Brief is meant to provide a quick overview of what is in the budget, how much will be allocated to each RTPA, and what issues still need to be addressed. We welcome your input.

A. CAPITAL FUNDING PROGRAM OVERVIEW

- ***TIRCP + ZETCP = $5.1 Billion!*** Together, the two capital programs provide $5.1 billion over four years (but most allocated in the next two years). There is $4 billion for a regional Transit & Intercity Rail Capital Program (TIRCP) and $1.1 billion for a new Zero Emission Transit Capital Program (ZETCP).

- ***With Option to Use Funds for Transit Operating Costs.*** An RTPA may opt to use all or any portion of the funds from either program for transit operating expenses consistent with an approved regional short-term financial plan or a long-term financial plan (see below). The Legislature's goal is to provide those regions that need it with a one-time multiyear bridge funding to address operational costs until long-term transit sustainability solutions are identified. Funds can be used to prevent service cuts and increase ridership; prioritize the availability of transit for riders who are transit dependent; and to prioritize transit agencies representing a significant percentage of the region's ridership.

- ***Formula Allocations Coming to an RTPA Near You!*** The TIRCP funding will be allocated to the 49 eligible RTPAs each year under the following formula: each agency to receive $300,000 "off the top" with the remainder allocated by population as provided by Public Utilities Code § 99313. The ZETCP funding will be allocated half by population and half by revenue as provided by PUC § 99312.1(a). Our estimated **funding allocations for each RTPA are on the next page**. (Note that these are not official allocations, just our best guess based on the formulas and past practice).

CALCOG's Estimate of Funding Allocations for TIRCP and ZETCP Programs

	RTPA	TIRCP FY 23-24 $ 2,000,000,000	TIRCP FY 24-25 $ 2,000,000,000	ZETCP FY 23-24 $ 410,000,000	ZETCP FY 24-25 $ 230,000,000	ZETCP FY 25-26 $ 230,000,000	ZETCP FY 26-27 $ 230,000,000	TIRCP + ZETCP Total RTPA
1	MTC Bay Area	$384,225,402	$384,225,402	$ 149,492,128	$ 83,861,438	$ 83,861,438	$ 83,861,438	$ 1,169,527,245
2	Alpine	$360,217	$360,217	$ 6,680	$ 3,747	$ 3,747	$ 3,747	$ 738,356
3	Amador	$2,326,077	$2,326,077	$ 216,555	$ 121,482	$ 121,482	$ 121,482	$ 5,233,155
4	Butte	$10,756,241	$10,756,241	$ 1,138,142	$ 638,470	$ 638,470	$ 638,470	$ 24,566,035
5	Calaveras	$2,583,069	$2,583,069	$ 238,606	$ 133,852	$ 133,852	$ 133,852	$ 5,806,299
6	Colusa	$1,407,255	$1,407,255	$ 119,404	$ 66,983	$ 66,983	$ 66,983	$ 3,134,863
7	Del Norte	$1,652,803	$1,652,803	$ 147,050	$ 82,491	$ 82,491	$ 82,491	$ 3,700,131
8	El Dorado	$9,912,691	$9,912,691	$ 1,054,868	$ 591,755	$ 591,755	$ 591,755	$ 22,655,516
9	Fresno	$51,744,014	$51,744,014	$ 6,270,636	$ 3,517,674	$ 3,517,674	$ 3,517,674	$ 120,311,685
10	Glenn	$1,756,404	$1,756,404	$ 154,671	$ 86,767	$ 86,767	$ 86,767	$ 3,927,779
11	Humboldt	$7,117,521	$7,117,521	$ 821,884	$ 461,057	$ 461,057	$ 461,057	$ 16,440,097
12	Imperial	$9,428,003	$9,428,003	$ 1,031,909	$ 578,876	$ 578,876	$ 578,876	$ 21,624,543
13	Inyo	$1,261,035	$1,261,035	$ 99,235	$ 55,669	$ 55,669	$ 55,669	$ 2,788,312
14	Kern	$46,453,489	$46,453,489	$ 5,057,036	$ 2,836,874	$ 2,836,874	$ 2,836,874	$ 106,474,636
15	Kings	$7,980,652	$7,980,652	$ 824,961	$ 462,783	$ 462,783	$ 462,783	$ 18,174,615
16	Lake	$3,697,393	$3,697,393	$ 368,764	$ 206,867	$ 206,867	$ 206,867	$ 8,384,153
17	Lassen	$1,738,043	$1,738,043	$ 155,216	$ 87,072	$ 87,072	$ 87,072	$ 3,892,520
18	Los Angeles	$496,747,176	$496,747,176	$ 119,168,466	$ 66,850,603	$ 66,850,603	$ 66,850,603	$ 1,313,214,629
19	Madera	$8,343,278	$8,343,278	$ 857,946	$ 481,287	$ 481,287	$ 481,287	$ 18,988,364
20	Mariposa	$1,161,300	$1,161,300	$ 91,564	$ 51,365	$ 51,365	$ 51,365	$ 2,568,261
21	Mendocino	$4,834,808	$4,834,808	$ 502,724	$ 282,016	$ 282,016	$ 282,016	$ 11,018,389
22	Merced	$14,812,007	$14,812,007	$ 1,569,895	$ 880,673	$ 880,673	$ 880,673	$ 33,835,927
23	Modoc	$733,676	$733,676	$ 48,655	$ 27,294	$ 27,294	$ 27,294	$ 1,597,891
24	Mono	$969,103	$969,103	$ 170,727	$ 95,774	$ 95,774	$ 95,774	$ 2,396,256
25	Monterey	$22,188,165	$22,188,165	$ 2,966,850	$ 1,664,331	$ 1,664,331	$ 1,664,331	$ 52,336,173
26	Nevada	$5,422,537	$5,422,537	$ 553,857	$ 310,700	$ 310,700	$ 310,700	$ 12,331,033
27	Orange	$159,853,601	$159,853,601	$ 22,405,800	$ 12,569,107	$ 12,569,107	$ 12,569,107	$ 379,820,325
28	Placer	$21,167,778	$21,167,778	$ 2,392,582	$ 1,342,180	$ 1,342,180	$ 1,342,180	$ 48,754,678
29	Plumas	$1,266,121	$1,266,121	$ 115,128	$ 64,584	$ 64,584	$ 64,584	$ 2,841,122
30	Riverside	$124,357,451	$124,357,451	$ 14,896,853	$ 8,356,771	$ 8,356,771	$ 8,356,771	$ 288,682,068
31	Sacramento	$100,744,956	$100,744,956	$ 13,924,633	$ 7,811,379	$ 7,811,379	$ 7,811,379	$ 238,848,683
32	San Benito	$3,639,719	$3,639,719	$ 350,304	$ 196,512	$ 196,512	$ 196,512	$ 8,219,278
33	San Bernardino	$111,277,588	$111,277,588	$ 13,879,567	$ 7,786,099	$ 7,786,099	$ 7,786,099	$ 259,793,038
34	San Diego (Not MTS)	$48,261,380	$48,261,380	$ 6,173,566	$ 3,463,220	$ 3,463,220	$ 3,463,220	$ 113,085,987
35	San Diego (MTS)	$118,635,691	$118,635,691	$ 17,246,818	$ 9,675,044	$ 9,675,044	$ 9,675,044	$ 283,543,332
36	San Joaquin	$40,282,693	$40,282,693	$ 5,057,317	$ 2,837,031	$ 2,837,031	$ 2,837,031	$ 94,133,798
37	San Luis Obispo	$14,456,552	$14,456,552	$ 1,562,741	$ 876,660	$ 876,660	$ 876,660	$ 33,105,824
38	Santa Barbara	$22,706,370	$22,706,370	$ 2,901,177	$ 1,627,490	$ 1,627,490	$ 1,627,490	$ 53,196,386
39	Santa Cruz	$13,627,700	$13,627,700	$ 2,631,639	$ 1,476,285	$ 1,476,285	$ 1,476,285	$ 34,315,896
40	Shasta	$9,425,969	$9,425,969	$ 991,204	$ 556,041	$ 556,041	$ 556,041	$ 21,511,265
41	Sierra	$462,393	$462,393	$ 17,408	$ 9,766	$ 9,766	$ 9,766	$ 971,492
42	Siskiyou	$2,514,816	$2,514,816	$ 238,464	$ 133,772	$ 133,772	$ 133,772	$ 5,669,413
43	Stanislaus	$28,066,012	$28,066,012	$ 3,030,401	$ 1,699,981	$ 1,699,981	$ 1,699,981	$ 64,262,367
44	Tahoe RPA	$5,131,622	$5,131,622	$ 531,302	$ 298,047	$ 298,047	$ 298,047	$ 11,688,689
45	Tehama	$3,568,771	$3,568,771	$ 344,533	$ 193,274	$ 193,274	$ 193,274	$ 8,061,897
46	Trinity	$1,110,645	$1,110,645	$ 86,449	$ 48,496	$ 48,496	$ 48,496	$ 2,453,226
47	Tulare	$24,461,367	$24,461,367	$ 2,757,890	$ 1,547,109	$ 1,547,109	$ 1,547,109	$ 56,321,953
48	Tuolumne	$3,076,403	$3,076,403	$ 294,003	$ 164,928	$ 164,928	$ 164,928	$ 6,941,593
49	Ventura	$42,292,038	$42,292,038	$ 5,041,790	$ 2,828,321	$ 2,828,321	$ 2,828,321	$ 98,110,830
	TOTALS	$2,000,000,000	$2,000,000,000	$410,000,000	$230,000,000	$230,000,000	$ 230,000,000	$5,100,000,000

Methodologies. **(1) For TIRCP**: For each year, $300,000 was taken off the top to each agency; the remainder ($1.863 Billion) is allocated by population using DOF 2023 county populations. But figures for the two entities in San Diego County and the Tahoe Regional Planning Agency are estimates based on previous distributions under this formula made by the State Controller. We are least certain about the Tahoe number. **(2) For ZETCP**: In each year, half of the funds are distributed by population formula using the same method as TIRCP, the second half are distributed by transit revenues (e.g. farebox). These figures are proportional to the previous year's allocation by the State Controller.

- ***TIRCP Eligibility.*** Eligibility for TIRCP tracks with the existing competitive program: rail capital projects (including acquisition of rail cars and locomotives, that expand, enhance, and improve existing systems and connectivity); intercity, commuter, and urban rail that increase service levels, improve reliability or decrease travel times; rail, bus, and ferry integration; and bus rapid transit and other bus and ferry investments that increase ridership and reduce GHG emissions.

- ***ZETCP Eligibility.*** Funds may be allocated for funding zero-emission transit equipment, including, but not limited to, zero-emission vehicles and refueling infrastructure; and funding transit operations expenditures that prevent service reduction or elimination in order to maintain or increase transit ridership (if consistent with an approved regional short-term or long-term financial plan).

- ***Guidelines (Coming Quick!).*** CalSTA to establish Guidelines by **September 30, 2024** in consultation with transportation planning agencies, county transportation commissions, transit development boards, and transit operators.

- ***Three Steps for RTPAs to Access Funds in FY 23-24.*** Prior to December 31, 2023, the RTPA must: (1) Submit compiled transit operator data (see below); then (2) Determine whether funds will be applied to transit operations either in FY 23-24 or prior to the end of FY 26-27. (If no funds will be applied to operations, then no further steps are necessary); If funds will be applied, then (3) the RTPA must submit a regional short-term financial plan (see below). Agencies that do not submit complete information will have until April 30 to remedy their filings.

- ***Two Steps for RTPAs to Accessing Funds in FY 24-25.*** Each RTPA must submit compiled operator data and a regional short-term financial plan (regardless of whether any funds will be used to support transit operations prior to the end of FY 26-27).

- ***Submitting Compiled Transit Operator Data.*** The submission of data must be consistent with adopted guidelines, but at minimum must include: operator fleet and asset management plans; revenue collection methods and annual collection costs by operator; the existing service plan and planned changes; expenditures on security and safety measures; opportunities for restructuring, eliminating redundancies, and improving coordination amongst transit operators (including consolidation of agencies or reevaluation of network management and governance structure); and schedule data in General Transit Feed Specification (GTFS) format.

- ***Contents of a Regional Short-Term Financial Plan.*** The plan shall: demonstrate how the region will address any operational deficit using all available funds through FY 2025–26; justify how the region's funding is proposed to be allocated to capital and operational expenses; justify and breakdown how the funding distributed between transit operators and among projects is consistent with program guidelines; demonstrate how the plan mitigates service cuts, fare increases, or layoffs to achieve short-term financial sustainability; summarize how the plan supports ridership improvement strategies.

- ***Timing and Contents of a Regional Long-Term Financial Plan.*** By June 30, 2026, RTPAs shall submit a plan to sustain transit operations absent additional discretionary or nonformula state funding. The plan should demonstrate the implementation of ridership retention and recovery strategies, including, policies that prioritize safety and cleanliness and streamlined coordination between transit operators, such as schedule coordination, operational management, and site sharing, to improve rider experience. The plan must also include a five-year forecast of operating funding requirements with detail on all sources of funding proposed for operations, including any new local and regional funding sources being pursued and the progress and improvements implemented since the last submitted regional short-term financial plan.

- ***Transit Data Posted.*** RTPAs must post on its website a summary of monthly ridership data, consistent with the data submitted to the National Transit Database, from all its transit operators during the period of time for which it receives those moneys.

- ***ZETCP Use of Funds Report.*** By October 31 of each year, RTPAs shall submit a report to CalSTA that describes how much funding was used for operating costs; the number, type, date, and location of zero-emission buses, trains, or other vehicles purchased; the number, type, data, and location of electric charging stations or hydrogen fueling stations installed; the nameplate capacity of installed equipment in kilowatts for electric charging stations and kilograms per day for hydrogen fueling stations; and the total costs and the source of funding for vehicles and equipment purchased using these funds.

- ***CalSTA Responsibilities.*** Provide technical assistance to transit operators to transition to GTFS Real Time; work with Caltrans and regions to identify improvements that could grow ridership (including transit priority); work with Caltrans and regions to identify costs of revenue collections (including Cal-ITP);

B. New Transit Transformation Task Force (Gov't Code § 13979.3)

- ***To Be Convened By The End of the Year.*** Membership includes Caltrans, local governments, MPOs, RTPAs, public transit advocacy organizations, labor, academia, Legislative Committee representatives, and others at the discretion of CalSTA. Operators shall represent bus, rail, ferry, and multi-modal services.

- ***Goal*****:** grow transit ridership and improve the transit experience for all users

- ***Timeline*****.** CalSTA shall publish a report of recommendations by October, 2025.

- ***Data to Collect*****.** The report must include: details of current services provided, demographics, funding source breakdowns (and limitation) for capital and operations, use of TDA funds for other modes, 10 year costs estimates that include costs of local, state, and federal mandates (e.g, ADA and Clean Transit regulations, workforce challenges, state and local policies that effect service and ridership, such as transit prioritization on roads, land use, housing, and pricing policies, state agency responsibilities and COVID service responses.

- ***Recommendations to Be Made.*** The report must also include recommendations to improve mobility and increase ridership (e.g., service and fare integration between agencies, providing safe and clean experiences, increasing service frequency and reliability, first and last mile access, fleet management, land use, housing and pricing policy changes, workforce development challenges, TDA reform (fare box recovery), new options for revenue, and options to value captur*e of property near transit.*

C. SOME INITIAL OBSERVATIONS (And Please Share Yours With Us!)

- ***Clean Up Legislation?*** We have heard differing opinions about the need for clean up Legislation. There is at least one instance where a specific date in the statute does not make sense, which suggests the need for some clean up. There are also some undefined terms, like "transit operator," where further clarification could provide better certainty. If there is any clean up Legislation, it will likely be part of a "baby budget" bill that includes clean up across several budget items.

- ***Guidelines ASAP!*** CalSTA must develop program Guidelines by September 30 that will be immediately applicable to $2.4 billion allocated this budget in consultation with RTPAs and transit operators (among others).

- ***Scope of CalSTA Authority.*** The statute could be read many ways. But CalSTA is clearly required to "approve" the short- and long-term plans upon which funding is dependent. And the plan requires, among other things, that the RTPA provide "justification for how the region's funding is proposed to be allocated to capital and operational expenses." Some have expressed concern than the language invites general scrutiny beyond TIRCP and ZETCP funds to the general budget decisions of the RTPAs and transit operators in the region. We also find it interesting that the RTPA may be in the role of "justifying" specific decisions of transit operators.

- ***Basic Definitions.*** There is some question of whether basic terms like transit operator need more definition. The quick development of the Guidelines provides some opportunity for clarity, but significant policy decisions (like determining which operators are eligible for funding) are less likely to be accomplished in Guidelines.

- ***Other Remaining Uncertainties.*** There are no doubt a large number of questions that either the Guidelines or clean up legislation could/should address. Here is our start:
  - What level of review or deference will CalSTA apply in reviewing plans submitted by or projects selected by the RTPA?
  - What happens when CalSTA disagrees with an RTPA demonstration or justification; what level of deference will be applied?
  - What unexpected issues may arise by requiring this new level of coordination between RTPAs and transit providers within such a short time period?
  - How will RTPA's cover the costs of managing funds, developing short- and long-term plans, compiling data, and undertaking other obligations?

D. STATUTORY LANGUAGE

Government Code § 13979.3.

(a) On or before January 1, 2024, the agency shall establish and convene the ***Transit Transformation Task Force****.*

(b) The task force shall include, but is not limited to, representatives from transit operators, both small and large operating in urban and rural jurisdictions, the Department of Transportation, local governments, metropolitan planning organizations, regional transportation planning organizations, transportation advocacy organizations with expertise in public transit, labor organizations, academic institutions, the Senate Committee on Transportation, the Assembly Committee on Transportation, and other stakeholders, as appropriate, at the discretion of the agency. Transit operators included on the task force shall include a mix of agencies that provide bus-only service, rail-only service, ferry-only service, and multimodal service.

(c) The task force shall develop a structured, coordinated process for engagement of all parties to solicit and develop policy recommendations to grow transit ridership and improve the transit experience for all users of those services.

(d) The agency shall, in consultation with the task force, prepare and submit a report of findings and policy recommendations, including identifying where statutory changes would be needed to implement recommendations, based on the task force's efforts to the appropriate policy and fiscal committees of the Legislature on or before October 31, 2025. The report shall identify the financial and technical feasibility of those recommendations.

(e) The report shall include, but is not limited to, and to the extent feasible, a detailed analysis of the following issues:

- *(1) The services provided by transit agencies and the demographics of transit ridership, with detail on services provided, including persons with disabilities, or specific populations like low-income individuals and students.*
- *(2) Existing funding sources for transit with a breakdown of funding available for capital and operations, including any constitutional and statutory limitations on these existing funding sources.*
- *(3) The use of moneys from local transportation funds established pursuant to Section 29530 for other modes, such as streets and roads.*
- *(4) The cost to operate, maintain, and provide for the future growth of transit systems for the next 10 years.*
- *(5) The costs and operational impacts associated with federal, state, and local mandates, including, but not limited to, the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132) and the State Air Resources Board's Innovative Clean Transit regulations (Article 4.3 (commencing with Section 2023) of Chapter 1 of Division 3 of Title 13 of the California Code of Regulations), to the extent feasible.*
- *(6) Workforce recruitment, retention, and development challenges, impacting transit service.*
- *(7) Existing policies on state and local metrics to measure transit performance.*
- *(8) State and local policies that impact service efficiency and transit ridership, including, but not limited to, transit prioritization on roads, land use, housing, and pricing policies.*
- *(9) Identification of state departments and agencies that have responsibility for transit system oversight, grant administration, and reporting.*
- *(10) Information on how transit agencies modified their services in response to the COVID-19 pandemic and resulting drop in ridership and revenue.*
- *(11) The division of transit funding between capital and operations.*

(f) The report shall also include, but is not limited to, recommendations on the following:

- *(1) How to improve mobility and increase ridership on transit, including, but not limited to: (A) Service and fare coordination or integration between transit agencies. (B) Coordinated scheduling, mapping, and wayfinding between transit agencies. (C) Providing a safe and clean ride for passengers and operators. (D) Increasing the frequency and reliability, through strategies that include, but are not limited to, the sharing of real-time transit information such as arrival and departure times and predictions, service alert data, and transit prioritization on roads. (E) Strategies to provide first- and last-mile access to transit. (F) Strategies to achieve fleet and asset management goals and needs, including funding approaches.*
- *(2) Changes to land use, housing, and pricing policies that could improve public transit use.*
- *(3) Strategies to address workforce recruitment, retention, and development challenges.*
- *(4) Reforming the Transportation Development Act (Chapter 4 (commencing with Section 99200) of Part 11 of Division 10 of the Public Utilities Code), including, but not limited to, replacing the fare box recovery ratios and efficiency criteria with performance metrics that better measure transit operations.*
- *(5) Identification of the appropriate state department or agency to be responsible for transit system oversight and reporting.*
- *(6) New options for revenue sources to fund transit operations and capital projects to meet necessary future growth of transit systems for the next 10 years.*
- *(7) The potential of transit-oriented development and value capture of property around transit stations as a source of sustainable revenue for transit operations.*

(g) The task force may consult with the California Transportation Commission to use its work on the needs assessment prepared pursuant to Section 14518 regarding the identification of future transit capital and operational needs. The task force may use data provided pursuant to Section 13987 to inform the analysis.
(h) This section shall remain in effect only until January 1, 2028, and as of that date is repealed.

Government Code § 13987.
(a) Subject to the appropriation of funds for the purposes described in paragraphs (1) and (2) in the Budget Act of 2023, 2024, 2025, or 2026, the agency shall develop and administer an accountability program related to the distribution of funds from the following sources: (1) Funds appropriated to the agency in the annual Budget Act from the General Fund for purposes of the Transit and Intercity Rail Capital Program (Part 2 (commencing with Section 75220) of Division 44 of the Public Resources Code) for allocation pursuant to Section 99313 of Public Utilities Code. (2) Funds appropriated to the agency in the annual Budget Act from the Greenhouse Gas Reduction Fund and the Public Transportation Account for purposes of the Zero-Emission Transit Capital Program (Part 6 (commencing with Section 75260) of Division 44 of the Public Resources Code) for allocation pursuant to paragraphs (1) and (2) of subdivision (a) of Section 99312.1 of the Public Utilities Code.

(b) (1) The agency shall, in consultation with transportation planning agencies, county transportation commissions, transit development boards, and transit operators, develop guidelines aligned with the legislative intent described in subdivision (d) of Section 75226 of, and subdivision (f) of Section 75260 of, the Public Resources Code for the administration of the funding described in subdivision (a).
(2) The guidelines described in this section shall be exempt from the Administrative Procedure Act (Chapter 3.5 (commencing with Section 11340) of Part 1).
(3) Before adopting or modifying the guidelines pursuant to paragraph (4), the agency shall adopt draft guidelines, post those draft guidelines on its internet website, and conduct at least one public workshop or hearing on the draft guidelines. Nothing in this section precludes the agency from conducting additional public workshops or posting informal draft guidelines to inform guideline development before the adoption of final guidelines.
(4) (A) The agency shall adopt the final guidelines governing the distribution of funds for the 2023–24 fiscal year on or before September 30, 2023.
(B) The agency may modify the guidelines adopted pursuant to subparagraph (A) for the distribution of funds for the 2024–25 fiscal year no later than September 30, 2024.

(c) (1) (A) A regional transportation planning agency may only receive an allocation of funds in the 2023–24 fiscal year from the funding sources described in subdivision (a) if both of the following conditions are met by December 31, 2023:
(i) Except as provided in subparagraph (B), the regional transportation planning agency submits, and the agency approves, a regional short-term financial plan for immediate service retention consistent with the adopted guidelines and the requirements set forth in subdivision (e). If a regional transportation planning agency elects to use the funds described in subdivision (a) for operations for any of its transit operators in the 2023–24 fiscal year or forecasts operational need between the 2023–24 and 2026–27 fiscal years, inclusive, for any of its transit operators, then it shall submit a regional short-term financial plan pursuant to this clause.
(ii) The regional transportation planning agency submits to the agency regionally compiled transit operator data that is consistent with requirements included in the adopted guidelines and the requirements set forth in subdivision (f), and is compiled in coordination with transit operators providing service within the jurisdiction of the regional transportation planning agency.
(B) A regional transportation planning agency shall not be required to submit a regional short-term financial plan pursuant to subparagraph (A) if it declares that it does not have an operational need between the 2023–24 and 2026–27 fiscal years, inclusive, for any of its transit operators and will not use funding sources described in subdivision (a) for operations for any of its transit operators.
(2) A regional transportation planning agency may only receive an allocation of funds in the 2024–25 fiscal year from the funding sources described in subdivision (a) if it submits, and the agency approves, an updated regional short-term financial plan, and updated transit operator data, as described in paragraph (1), by December 31, 2025. The requirement to submit a regional short-term financial plan to receive 2024–25 fiscal year funding shall apply to all regional transportation planning agencies receiving funding described in subdivision (a) regardless of whether the agency was exempt pursuant to subparagraph (B) of paragraph (1).
(3) Notwithstanding paragraphs (1) and (2), the agency shall provide a regional transportation planning agency that does not meet requirements specified in paragraph (1) or (2) with an opportunity to remedy its plan and data and shall provide the allocation of funding after the requirements are met by no later than April 30, 2024, for the 2023–24 fiscal year and by no later than April 30, 2025, for the 2024–25 fiscal year.
(4) Upon agency approval of a regional short-term financial plan pursuant to paragraph (1) or (2), a regional transportation planning agency shall post the plan on its internet website.

(d) A regional transportation planning agency shall submit a long-term financial plan consistent with the requirements of subdivision (g) to the agency by June 30, 2026, that addresses the approach to sustain its region's transit operations absent additional discretionary or nonformula state funding.

(e) For purposes of subdivision (c), a regional short-term financial plan shall include, but is not limited to, all of the following:
(1) A demonstration of how the region will address any operational deficit, using all available funds including the fund sources described in subdivision (a), through the 2025–26 fiscal year, based on a 2022 service baseline.
(2) Justification for how the region's funding is proposed to be allocated to capital and operational expenses.
(3) A detailed breakdown and justification for how the funding is proposed to be distributed between transit operators and among projects, consistent with the legislative intent described in subdivision (d) of Section 75226 of, and subdivision (f) of Section 75260 of, the Public Resources Code
(4) A demonstration of how the plan will mitigate service cuts, fare increases, or layoffs relative to a 2022 service baseline to achieve short-term financial sustainability.
(5) A summary of how the plan will support ridership improvement strategies that focus on riders, such as coordinating schedules and ease of payment and improving cleanliness and safety, to improve the ridership experience.

(f) For purposes of subdivision (c), a regional transportation planning agency shall compile and submit regionally representative transit operator data to the agency including, but not limited to, all of the following data:
(1) Existing fleet and asset management plans by transit operator.
(2) Revenue collection methods and annual costs involved in collecting revenue for each transit operator and regional transportation planning agency involved.
(3) A statement of existing service plan and planned service changes.
(4) Expenditures on security and safety measures.
(5) Opportunities for service restructuring, eliminating service redundancies, and improving coordination amongst transit operators, including, but not limited to, consolidation of agencies or reevaluation of network management and governance structure.
(6) Schedule data in General Transit Feed Specification (GTFS) format to enable full visibility of service and service changes where feasible.

(g) For purposes of subdivision (d), a regional long-term financial plan shall include, but is not limited to, both of the following:
(1) Demonstration of the implementation of ridership retention and recovery strategies, including, but not limited to, policies that prioritize safety and cleanliness and streamlined coordination between transit operators, such as schedule coordination, operational management, and site sharing, to improve rider experience.
(2) A five-year forecast of operating funding requirements with detail on all sources of funding proposed for operations, including any new local and regional funding sources being pursued and the progress and improvements implemented since the last submitted regional short-term financial plan.

(h) As a condition of receiving moneys from the funding sources described in subdivision (a), a regional transportation planning agency shall post on its internet website a summary of monthly ridership data, consistent with the data submitted to the National Transit Database, from all its transit operators during the period of time for which it receives those moneys.
(i) (1) The agency shall support the transit goals set forth in this section by doing all of the following:
(A) Providing technical assistance to transit operators to transition to GTFS Real Time.
(B) Working with the Department of Transportation and each region to identify service improvements that could further grow ridership at both regional and interregional levels, including, but not limited to, transit priority.
(C) Working with the Department of Transportation and each region to identify opportunities to reduce the costs of revenue collection across operators, including through their California Integrated Transit Project.
(2) The agency may withhold up to five million dollars ($5,000,000) of the funding described in subdivision (a) to administer the accountability program established pursuant to this section. This funding shall be available for encumbrance and liquidation until June 30, 2028.

(j) For purposes of this section, "regional transportation planning agency" means a recipient of funding described in paragraphs (1) and (2) of subdivision (a) of Section 99312.1 of the Public Utilities Code.

Government Code § 14509.5.
(a) Notwithstanding any other law, each member of an advisory committee to the commission who is not a commission member shall receive a per diem of one hundred dollars ($100) for each day actually spent in the discharge of authorized advisory committee duties, and shall also be reimbursed for traveling and other expenses necessarily incurred in the performance of those duties.
(b) For purposes of this section, "advisory committee" includes, but is not limited to, those committees described in Sections 14506 and 14506.5 of this code and Section 3090 of the Vehicle Code.

Kern Council of Governments

September 6, 2023

TO: Transportation Technical Advisory Committee

From: Ahron Hakimi,
Executive Director

By: Robert M. Snoddy, Regional Planner

SUBJECT: **INFORMATION ITEM: D.**
FY 2023-24 KERN REGION ESTIMATED ZERO EMISSION TRANSIT CAPITAL PROGRAM (ZETCP) - $5,057,036

DESCRIPTION:

The Transit and Intercity Rail Capital Program (TIRCP) was created by Senate Bill (SB) 862 (Chapter 36, Statutes of 2014) and modified by 9 (Chapter 710, Statutes of 2015), to provide grants from the Greenhouse Gas Reduction Fund (GGRF) to fund transformative capital improvements that will modernize California's intercity, commuter, and urban rail systems, and bus and ferry transit systems to significantly reduce emissions of greenhouse gases, vehicle miles traveled, and congestion. Also included is a new Zero Emission Transit capital Program (ZETCP).

DISCUSSION:

Kern COG staff received an apportionment estimate from Caltrans staff for the Kern Region for the Transit and Intercity Rail Capital Program (TIRCP) and the Zero Emission Transit Capital Program (ZETCP). Caltrans will administer the TIRCP and ZETCP funding programs in two accounts: 99313 (Kern COG Regional) and 99314 (Agency only) similar to the Proposition 1B program. **The guidelines for this program's spending will be published on September 30, 2023.**

ZETCP Eligibility

Funds may be allocated for funding zero-emission transit equipment, including, but not limited to, zero-emission vehicles and refueling infrastructure; and funding transit operation expenditures that prevent service reduction or elimination in order to maintain or increase transit ridership (if consistent with an approved regional short-term or long-term financial plan.

ZETCP Draft FY 2023-24 Regional Apportionmnet Schedule

	Population	Apportionment %	99313	99314	Total Apportionment
Arvin	**22,014**	**2.4110%**	**$114,466**	**$7,462**	**$121,927**
California City	**14,120**	**1.5465%**	**$73,419**	**$4,786**	**$78,205**
Delano	**51,070**	**5.5933%**	**$265,547**	**$17,310**	**$282,857**
GET	**552,749**	**60.5387%**	**$2,874,112**	**$187,351**	**$3,061,463**
Mcfarland	**14,044**	**1.5381%**	**$73,024**	**$4,760**	**$77,784**
Ridgecrest	**29,591**	**3.2409%**	**$153,863**	**$10,030**	**$163,893**
Shafter	**20,448**	**2.2395%**	**$106,323**	**$6,931**	**$113,254**
Taft	**7,142**	**.7822%**	**$37,136**	**$2,421**	**$39,557**

Tehachapi	**12,008**	**1.3152%**	**$62,438**	**$4,070**	**$66,508**
Wasco	**26,815**	**2.9369%**	**$139,429**	**$9,089**	**$148,518**
Kern Transit	**163,050**	**17.8577%**	**$847,806**	**$55,265**	**$903,071**
99313	**$4,747,563**				
99314	**$309,473**				
Kern Region total	**$5,057,036**				

Three Steps for RTPAs to Access Funds in FY 2023-24

Prior to December 31, 2023, the RTPA must: 1. Submit compiled transit operator data; then 2. Determine whether funds will be applied to transit operators either in FY 2023-24 or prior to the end of FY 2026-27. (If no funds will be applied to operations, then no further steps are necessary); If funds will be applied, then 3. The RTPA must submit a regional short-term financial plan. Agencies that do not submit complete information will have until April 30 to remedy their filings.

Two steps for RTPAs to Accessing Funds in FY 2023-24

Each RTPA must submit compiled operator data and a regional short-term financial plan (regardless of whether any funds will be used to support transit operation prior to the end of FY 2026-27).

Submitting Compiled Transit Operator Data

The submission of data must be consistent with adopted guidelines, but at minimum must include: operator fleet and asset management plans; revenue collection methods and annual collection costs by operator; the existing service plan and planned changes; expenditures on security and safety measures; opportunities for restructuring, eliminating redundancies, and improving coordination amongst transit operators (including consolidation of agencies or reevaluation of network management and governance structure); and schedule data in general Transit Feed Specification (GTFS) format.

Contents of a Regional Short-Term Financial Plan

The plan shall: demonstrate how the region will address any operational deficit using all available funds through FY 2025-26; justify how the region's funding is proposed to be allocated to capital and operational expenses; justify and breakdown how the funding distributed between transit operators and among projects is consistent with program guidelines; demonstrate how the plan mitigates service cuts, fare increases, or layoffs to achieve short-term financial stability; summarize how the plan supports redership improvement strategies.

Transit Data Posted

RTPAs must post on its website a summary of monthly ridership data, consistent with the data submitted to the National Transit database, from all its transit operators during the period of time for which it receives those moneys.

Should you have any questions or require additional information, please contact Bob Snoddy, Regional Planner at **(661) 635-2916** or E-mail at bsnoddy@kerncog.org.

Attachment: California Association of Councils of Governments – Policy Brief

California Association of Councils of Governments

POLICY BRIEF

July 21, 2023

The RTPA Role in Distributing New Transit Capital (and Operations) Funding in FY 23-24 State Budget

The State's Fiscal Year 23-24 Budget includes significant new funding for transit capital that may also be applied to cover transit operational needs on a region-by-region basis. Over $5 Billion in funds will be allocated directly to Regional Transportation Planning Agencies for these purposes through a formula Transit and Intercity Rail Capital Program (TIRCP) and a new Zero Emission Transit Capital Program (ZETCP). Accompanying this funding, however, are obligations to conduct financial and transit service quality analysis that will be new to most RTPAs. This Policy Brief is meant to provide a quick overview of what is in the budget, how much will be allocated to each RTPA, and what issues still need to be addressed. We welcome your input.

A. CAPITAL FUNDING PROGRAM OVERVIEW

- ***TIRCP + ZETCP = $5.1 Billion!*** Together, the two capital programs provide $5.1 billion over four years (but most allocated in the next two years). There is $4 billion for a regional Transit & Intercity Rail Capital Program (TIRCP) and $1.1 billion for a new Zero Emission Transit Capital Program (ZETCP).

- ***With Option to Use Funds for Transit Operating Costs.*** An RTPA may opt to use all or any portion of the funds from either program for transit operating expenses consistent with an approved regional short-term financial plan or a long-term financial plan (see below). The Legislature's goal is to provide those regions that need it with a one-time multiyear bridge funding to address operational costs until long-term transit sustainability solutions are identified. Funds can be used to prevent service cuts and increase ridership; prioritize the availability of transit for riders who are transit dependent; and to prioritize transit agencies representing a significant percentage of the region's ridership.

- ***Formula Allocations Coming to an RTPA Near You!*** The TIRCP funding will be allocated to the 49 eligible RTPAs each year under the following formula: each agency to receive $300,000 "off the top" with the remainder allocated by population as provided by Public Utilities Code § 99313. The ZETCP funding will be allocated half by population and half by revenue as provided by PUC § 99312.1(a). Our estimated **funding allocations for each RTPA are on the next page**. (Note that these are not official allocations, just our best guess based on the formulas and past practice).

CALCOG's Estimate of Funding Allocations for TIRCP and ZETCP Programs

	RTPA	TIRCP FY 23-24 $ 2,000,000,000	TIRCP FY 24-25 $ 2,000,000,000	ZETCP FY 23-24 $ 410,000,000	ZETCP FY 24-25 $ 230,000,000	ZETCP FY 25-26 $ 230,000,000	ZETCP FY 26-27 $ 230,000,000	TIRCP + ZETCP Total RTPA
1	MTC Bay Area	$384,225,402	$384,225,402	$ 149,492,128	$ 83,861,438	$ 83,861,438	$ 83,861,438	$ 1,169,527,245
2	Alpine	$360,217	$360,217	$ 6,680	$ 3,747	$ 3,747	$ 3,747	$ 738,356
3	Amador	$2,326,077	$2,326,077	$ 216,555	$ 121,482	$ 121,482	$ 121,482	$ 5,233,155
4	Butte	$10,756,241	$10,756,241	$ 1,138,142	$ 638,470	$ 638,470	$ 638,470	$ 24,566,035
5	Calaveras	$2,583,069	$2,583,069	$ 238,606	$ 133,852	$ 133,852	$ 133,852	$ 5,806,299
6	Colusa	$1,407,255	$1,407,255	$ 119,404	$ 66,983	$ 66,983	$ 66,983	$ 3,134,863
7	Del Norte	$1,652,803	$1,652,803	$ 147,050	$ 82,491	$ 82,491	$ 82,491	$ 3,700,131
8	El Dorado	$9,912,691	$9,912,691	$ 1,054,868	$ 591,755	$ 591,755	$ 591,755	$ 22,655,516
9	Fresno	$51,744,014	$51,744,014	$ 6,270,636	$ 3,517,674	$ 3,517,674	$ 3,517,674	$ 120,311,685
10	Glenn	$1,756,404	$1,756,404	$ 154,671	$ 86,767	$ 86,767	$ 86,767	$ 3,927,779
11	Humboldt	$7,117,521	$7,117,521	$ 821,884	$ 461,057	$ 461,057	$ 461,057	$ 16,440,097
12	Imperial	$9,428,003	$9,428,003	$ 1,031,909	$ 578,876	$ 578,876	$ 578,876	$ 21,624,543
13	Inyo	$1,261,035	$1,261,035	$ 99,235	$ 55,669	$ 55,669	$ 55,669	$ 2,788,312
14	Kern	$46,453,489	$46,453,489	$ 5,057,036	$ 2,836,874	$ 2,836,874	$ 2,836,874	$ 106,474,636
15	Kings	$7,980,652	$7,980,652	$ 824,961	$ 462,783	$ 462,783	$ 462,783	$ 18,174,615
16	Lake	$3,697,393	$3,697,393	$ 368,764	$ 206,867	$ 206,867	$ 206,867	$ 8,384,153
17	Lassen	$1,738,043	$1,738,043	$ 155,216	$ 87,072	$ 87,072	$ 87,072	$ 3,892,520
18	Los Angeles	$496,747,176	$496,747,176	$ 119,168,466	$ 66,850,603	$ 66,850,603	$ 66,850,603	$ 1,313,214,629
19	Madera	$8,343,278	$8,343,278	$ 857,946	$ 481,287	$ 481,287	$ 481,287	$ 18,988,364
20	Mariposa	$1,161,300	$1,161,300	$ 91,564	$ 51,365	$ 51,365	$ 51,365	$ 2,568,261
21	Mendocino	$4,834,808	$4,834,808	$ 502,724	$ 282,016	$ 282,016	$ 282,016	$ 11,018,389
22	Merced	$14,812,007	$14,812,007	$ 1,569,895	$ 880,673	$ 880,673	$ 880,673	$ 33,835,927
23	Modoc	$733,676	$733,676	$ 48,655	$ 27,294	$ 27,294	$ 27,294	$ 1,597,891
24	Mono	$969,103	$969,103	$ 170,727	$ 95,774	$ 95,774	$ 95,774	$ 2,396,256
25	Monterey	$22,188,165	$22,188,165	$ 2,966,850	$ 1,664,331	$ 1,664,331	$ 1,664,331	$ 52,336,173
26	Nevada	$5,422,537	$5,422,537	$ 553,857	$ 310,700	$ 310,700	$ 310,700	$ 12,331,033
27	Orange	$159,853,601	$159,853,601	$ 22,405,800	$ 12,569,107	$ 12,569,107	$ 12,569,107	$ 379,820,325
28	Placer	$21,167,778	$21,167,778	$ 2,392,582	$ 1,342,180	$ 1,342,180	$ 1,342,180	$ 48,754,678
29	Plumas	$1,266,121	$1,266,121	$ 115,128	$ 64,584	$ 64,584	$ 64,584	$ 2,841,122
30	Riverside	$124,357,451	$124,357,451	$ 14,896,853	$ 8,356,771	$ 8,356,771	$ 8,356,771	$ 288,682,068
31	Sacramento	$100,744,956	$100,744,956	$ 13,924,633	$ 7,811,379	$ 7,811,379	$ 7,811,379	$ 238,848,683
32	San Benito	$3,639,719	$3,639,719	$ 350,304	$ 196,512	$ 196,512	$ 196,512	$ 8,219,278
33	San Bernardino	$111,277,588	$111,277,588	$ 13,879,567	$ 7,786,099	$ 7,786,099	$ 7,786,099	$ 259,793,038
34	San Diego (Not MTS)	$48,261,380	$48,261,380	$ 6,173,566	$ 3,463,220	$ 3,463,220	$ 3,463,220	$ 113,085,987
35	San Diego (MTS)	$118,635,691	$118,635,691	$ 17,246,818	$ 9,675,044	$ 9,675,044	$ 9,675,044	$ 283,543,332
36	San Joaquin	$40,282,693	$40,282,693	$ 5,057,317	$ 2,837,031	$ 2,837,031	$ 2,837,031	$ 94,133,798
37	San Luis Obispo	$14,456,552	$14,456,552	$ 1,562,741	$ 876,660	$ 876,660	$ 876,660	$ 33,105,824
38	Santa Barbara	$22,706,370	$22,706,370	$ 2,901,177	$ 1,627,490	$ 1,627,490	$ 1,627,490	$ 53,196,386
39	Santa Cruz	$13,627,700	$13,627,700	$ 2,631,639	$ 1,476,285	$ 1,476,285	$ 1,476,285	$ 34,315,896
40	Shasta	$9,425,969	$9,425,969	$ 991,204	$ 556,041	$ 556,041	$ 556,041	$ 21,511,265
41	Sierra	$462,393	$462,393	$ 17,408	$ 9,766	$ 9,766	$ 9,766	$ 971,492
42	Siskiyou	$2,514,816	$2,514,816	$ 238,464	$ 133,772	$ 133,772	$ 133,772	$ 5,669,413
43	Stanislaus	$28,066,012	$28,066,012	$ 3,030,401	$ 1,699,981	$ 1,699,981	$ 1,699,981	$ 64,262,367
44	Tahoe RPA	$5,131,622	$5,131,622	$ 531,302	$ 298,047	$ 298,047	$ 298,047	$ 11,688,689
45	Tehama	$3,568,771	$3,568,771	$ 344,533	$ 193,274	$ 193,274	$ 193,274	$ 8,061,897
46	Trinity	$1,110,645	$1,110,645	$ 86,449	$ 48,496	$ 48,496	$ 48,496	$ 2,453,226
47	Tulare	$24,461,367	$24,461,367	$ 2,757,890	$ 1,547,109	$ 1,547,109	$ 1,547,109	$ 56,321,953
48	Tuolumne	$3,076,403	$3,076,403	$ 294,003	$ 164,928	$ 164,928	$ 164,928	$ 6,941,593
49	Ventura	$42,292,038	$42,292,038	$ 5,041,790	$ 2,828,321	$ 2,828,321	$ 2,828,321	$ 98,110,830
	TOTALS	$2,000,000,000	$2,000,000,000	$410,000,000	$230,000,000	$230,000,000	$ 230,000,000	$5,100,000,000

Methodologies. **(1) For TIRCP**: For each year, $300,000 was taken off the top to each agency; the remainder ($1.863 Billion) is allocated by population using DOF 2023 county populations. But figures for the two entities in San Diego County and the Tahoe Regional Planning Agency are estimates based on previous distributions under this formula made by the State Controller. We are least certain about the Tahoe number. **(2) For ZETCP**: In each year, half of the funds are distributed by population formula using the same method as TIRCP, the second half are distributed by transit revenues (e.g. farebox). These figures are proportional to the previous year's allocation by the State Controller.

- ***TIRCP Eligibility.*** Eligibility for TIRCP tracks with the existing competitive program: rail capital projects (including acquisition of rail cars and locomotives, that expand, enhance, and improve existing systems and connectivity); intercity, commuter, and urban rail that increase service levels, improve reliability or decrease travel times; rail, bus, and ferry integration; and bus rapid transit and other bus and ferry investments that increase ridership and reduce GHG emissions.

- ***ZETCP Eligibility.*** Funds may be allocated for funding zero-emission transit equipment, including, but not limited to, zero-emission vehicles and refueling infrastructure; and funding transit operations expenditures that prevent service reduction or elimination in order to maintain or increase transit ridership (if consistent with an approved regional short-term or long-term financial plan).

- ***Guidelines (Coming Quick!).*** CalSTA to establish Guidelines by **September 30, 2024** in consultation with transportation planning agencies, county transportation commissions, transit development boards, and transit operators.

- ***Three Steps for RTPAs to Access Funds in FY 23-24.*** Prior to December 31, 2023, the RTPA must: (1) Submit compiled transit operator data (see below); then (2) Determine whether funds will be applied to transit operations either in FY 23-24 or prior to the end of FY 26-27. (If no funds will be applied to operations, then no further steps are necessary); If funds will be applied, then (3) the RTPA must submit a regional short-term financial plan (see below). Agencies that do not submit complete information will have until April 30 to remedy their filings.

- ***Two Steps for RTPAs to Accessing Funds in FY 24-25.*** Each RTPA must submit compiled operator data and a regional short-term financial plan (regardless of whether any funds will be used to support transit operations prior to the end of FY 26-27).

- ***Submitting Compiled Transit Operator Data.*** The submission of data must be consistent with adopted guidelines, but at minimum must include: operator fleet and asset management plans; revenue collection methods and annual collection costs by operator; the existing service plan and planned changes; expenditures on security and safety measures; opportunities for restructuring, eliminating redundancies, and improving coordination amongst transit operators (including consolidation of agencies or reevaluation of network management and governance structure); and schedule data in General Transit Feed Specification (GTFS) format.

- ***Contents of a Regional Short-Term Financial Plan.*** The plan shall: demonstrate how the region will address any operational deficit using all available funds through FY 2025–26; justify how the region's funding is proposed to be allocated to capital and operational expenses; justify and breakdown how the funding distributed between transit operators and among projects is consistent with program guidelines; demonstrate how the plan mitigates service cuts, fare increases, or layoffs to achieve short-term financial sustainability; summarize how the plan supports ridership improvement strategies.

- ***Timing and Contents of a Regional Long-Term Financial Plan.*** By June 30, 2026, RTPAs shall submit a plan to sustain transit operations absent additional discretionary or nonformula state funding. The plan should demonstrate the implementation of ridership retention and recovery strategies, including, policies that prioritize safety and cleanliness and streamlined coordination between transit operators, such as schedule coordination, operational management, and site sharing, to improve rider experience. The plan must also include a five-year forecast of operating funding requirements with detail on all sources of funding proposed for operations, including any new local and regional funding sources being pursued and the progress and improvements implemented since the last submitted regional short-term financial plan.

- ***Transit Data Posted.*** RTPAs must post on its website a summary of monthly ridership data, consistent with the data submitted to the National Transit Database, from all its transit operators during the period of time for which it receives those moneys.

- ***ZETCP Use of Funds Report.*** By October 31 of each year, RTPAs shall submit a report to CalSTA that describes how much funding was used for operating costs; the number, type, date, and location of zero-emission buses, trains, or other vehicles purchased; the number, type, data, and location of electric charging stations or hydrogen fueling stations installed; the nameplate capacity of installed equipment in kilowatts for electric charging stations and kilograms per day for hydrogen fueling stations; and the total costs and the source of funding for vehicles and equipment purchased using these funds.

- ***CalSTA Responsibilities.*** Provide technical assistance to transit operators to transition to GTFS Real Time; work with Caltrans and regions to identify improvements that could grow ridership (including transit priority); work with Caltrans and regions to identify costs of revenue collections (including Cal-ITP);

B. New Transit Transformation Task Force (Gov't Code § 13979.3)

- ***To Be Convened By The End of the Year.*** Membership includes Caltrans, local governments, MPOs, RTPAs, public transit advocacy organizations, labor, academia, Legislative Committee representatives, and others at the discretion of CalSTA. Operators shall represent bus, rail, ferry, and multi-modal services.

- ***Goal*****:** grow transit ridership and improve the transit experience for all users

- ***Timeline*****.** CalSTA shall publish a report of recommendations by October, 2025.

- ***Data to Collect*****.** The report must include: details of current services provided, demographics, funding source breakdowns (and limitation) for capital and operations, use of TDA funds for other modes, 10 year costs estimates that include costs of local, state, and federal mandates (e.g, ADA and Clean Transit regulations, workforce challenges, state and local policies that effect service and ridership, such as transit prioritization on roads, land use, housing, and pricing policies, state agency responsibilities and COVID service responses.

- ***Recommendations to Be Made.*** The report must also include recommendations to improve mobility and increase ridership (e.g., service and fare integration between agencies, providing safe and clean experiences, increasing service frequency and reliability, first and last mile access, fleet management, land use, housing and pricing policy changes, workforce development challenges, TDA reform (fare box recovery), new options for revenue, and options to value captur*e of property near transit.*

C. SOME INITIAL OBSERVATIONS (And Please Share Yours With Us!)

- ***Clean Up Legislation?*** We have heard differing opinions about the need for clean up Legislation. There is at least one instance where a specific date in the statute does not make sense, which suggests the need for some clean up. There are also some undefined terms, like "transit operator," where further clarification could provide better certainty. If there is any clean up Legislation, it will likely be part of a "baby budget" bill that includes clean up across several budget items.

- ***Guidelines ASAP!*** CalSTA must develop program Guidelines by September 30 that will be immediately applicable to $2.4 billion allocated this budget in consultation with RTPAs and transit operators (among others).

- ***Scope of CalSTA Authority.*** The statute could be read many ways. But CalSTA is clearly required to "approve" the short- and long-term plans upon which funding is dependent. And the plan requires, among other things, that the RTPA provide "justification for how the region's funding is proposed to be allocated to capital and operational expenses." Some have expressed concern than the language invites general scrutiny beyond TIRCP and ZETCP funds to the general budget decisions of the RTPAs and transit operators in the region. We also find it interesting that the RTPA may be in the role of "justifying" specific decisions of transit operators.

- ***Basic Definitions.*** There is some question of whether basic terms like transit operator need more definition. The quick development of the Guidelines provides some opportunity for clarity, but significant policy decisions (like determining which operators are eligible for funding) are less likely to be accomplished in Guidelines.

- ***Other Remaining Uncertainties.*** There are no doubt a large number of questions that either the Guidelines or clean up legislation could/should address. Here is our start:
  - What level of review or deference will CalSTA apply in reviewing plans submitted by or projects selected by the RTPA?
  - What happens when CalSTA disagrees with an RTPA demonstration or justification; what level of deference will be applied?
  - What unexpected issues may arise by requiring this new level of coordination between RTPAs and transit providers within such a short time period?
  - How will RTPA's cover the costs of managing funds, developing short- and long-term plans, compiling data, and undertaking other obligations?

D. STATUTORY LANGUAGE

Government Code § 13979.3.

(a) On or before January 1, 2024, the agency shall establish and convene the ***Transit Transformation Task Force****.*

(b) The task force shall include, but is not limited to, representatives from transit operators, both small and large operating in urban and rural jurisdictions, the Department of Transportation, local governments, metropolitan planning organizations, regional transportation planning organizations, transportation advocacy organizations with expertise in public transit, labor organizations, academic institutions, the Senate Committee on Transportation, the Assembly Committee on Transportation, and other stakeholders, as appropriate, at the discretion of the agency. Transit operators included on the task force shall include a mix of agencies that provide bus-only service, rail-only service, ferry-only service, and multimodal service.

(c) The task force shall develop a structured, coordinated process for engagement of all parties to solicit and develop policy recommendations to grow transit ridership and improve the transit experience for all users of those services.

(d) The agency shall, in consultation with the task force, prepare and submit a report of findings and policy recommendations, including identifying where statutory changes would be needed to implement recommendations, based on the task force's efforts to the appropriate policy and fiscal committees of the Legislature on or before October 31, 2025. The report shall identify the financial and technical feasibility of those recommendations.

(e) The report shall include, but is not limited to, and to the extent feasible, a detailed analysis of the following issues:

- *(1) The services provided by transit agencies and the demographics of transit ridership, with detail on services provided, including persons with disabilities, or specific populations like low-income individuals and students.*
- *(2) Existing funding sources for transit with a breakdown of funding available for capital and operations, including any constitutional and statutory limitations on these existing funding sources.*
- *(3) The use of moneys from local transportation funds established pursuant to Section 29530 for other modes, such as streets and roads.*
- *(4) The cost to operate, maintain, and provide for the future growth of transit systems for the next 10 years.*
- *(5) The costs and operational impacts associated with federal, state, and local mandates, including, but not limited to, the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132) and the State Air Resources Board's Innovative Clean Transit regulations (Article 4.3 (commencing with Section 2023) of Chapter 1 of Division 3 of Title 13 of the California Code of Regulations), to the extent feasible.*
- *(6) Workforce recruitment, retention, and development challenges, impacting transit service.*
- *(7) Existing policies on state and local metrics to measure transit performance.*
- *(8) State and local policies that impact service efficiency and transit ridership, including, but not limited to, transit prioritization on roads, land use, housing, and pricing policies.*
- *(9) Identification of state departments and agencies that have responsibility for transit system oversight, grant administration, and reporting.*
- *(10) Information on how transit agencies modified their services in response to the COVID-19 pandemic and resulting drop in ridership and revenue.*
- *(11) The division of transit funding between capital and operations.*

(f) The report shall also include, but is not limited to, recommendations on the following:

- *(1) How to improve mobility and increase ridership on transit, including, but not limited to: (A) Service and fare coordination or integration between transit agencies. (B) Coordinated scheduling, mapping, and wayfinding between transit agencies. (C) Providing a safe and clean ride for passengers and operators. (D) Increasing the frequency and reliability, through strategies that include, but are not limited to, the sharing of real-time transit information such as arrival and departure times and predictions, service alert data, and transit prioritization on roads. (E) Strategies to provide first- and last-mile access to transit. (F) Strategies to achieve fleet and asset management goals and needs, including funding approaches.*
- *(2) Changes to land use, housing, and pricing policies that could improve public transit use.*
- *(3) Strategies to address workforce recruitment, retention, and development challenges.*
- *(4) Reforming the Transportation Development Act (Chapter 4 (commencing with Section 99200) of Part 11 of Division 10 of the Public Utilities Code), including, but not limited to, replacing the fare box recovery ratios and efficiency criteria with performance metrics that better measure transit operations.*
- *(5) Identification of the appropriate state department or agency to be responsible for transit system oversight and reporting.*
- *(6) New options for revenue sources to fund transit operations and capital projects to meet necessary future growth of transit systems for the next 10 years.*
- *(7) The potential of transit-oriented development and value capture of property around transit stations as a source of sustainable revenue for transit operations.*

(g) The task force may consult with the California Transportation Commission to use its work on the needs assessment prepared pursuant to Section 14518 regarding the identification of future transit capital and operational needs. The task force may use data provided pursuant to Section 13987 to inform the analysis.
(h) This section shall remain in effect only until January 1, 2028, and as of that date is repealed.

Government Code § 13987.
(a) Subject to the appropriation of funds for the purposes described in paragraphs (1) and (2) in the Budget Act of 2023, 2024, 2025, or 2026, the agency shall develop and administer an accountability program related to the distribution of funds from the following sources: (1) Funds appropriated to the agency in the annual Budget Act from the General Fund for purposes of the Transit and Intercity Rail Capital Program (Part 2 (commencing with Section 75220) of Division 44 of the Public Resources Code) for allocation pursuant to Section 99313 of Public Utilities Code. (2) Funds appropriated to the agency in the annual Budget Act from the Greenhouse Gas Reduction Fund and the Public Transportation Account for purposes of the Zero-Emission Transit Capital Program (Part 6 (commencing with Section 75260) of Division 44 of the Public Resources Code) for allocation pursuant to paragraphs (1) and (2) of subdivision (a) of Section 99312.1 of the Public Utilities Code.

(b) (1) The agency shall, in consultation with transportation planning agencies, county transportation commissions, transit development boards, and transit operators, develop guidelines aligned with the legislative intent described in subdivision (d) of Section 75226 of, and subdivision (f) of Section 75260 of, the Public Resources Code for the administration of the funding described in subdivision (a).
(2) The guidelines described in this section shall be exempt from the Administrative Procedure Act (Chapter 3.5 (commencing with Section 11340) of Part 1).
(3) Before adopting or modifying the guidelines pursuant to paragraph (4), the agency shall adopt draft guidelines, post those draft guidelines on its internet website, and conduct at least one public workshop or hearing on the draft guidelines. Nothing in this section precludes the agency from conducting additional public workshops or posting informal draft guidelines to inform guideline development before the adoption of final guidelines.
(4) (A) The agency shall adopt the final guidelines governing the distribution of funds for the 2023–24 fiscal year on or before September 30, 2023.
(B) The agency may modify the guidelines adopted pursuant to subparagraph (A) for the distribution of funds for the 2024–25 fiscal year no later than September 30, 2024.

(c) (1) (A) A regional transportation planning agency may only receive an allocation of funds in the 2023–24 fiscal year from the funding sources described in subdivision (a) if both of the following conditions are met by December 31, 2023:
(i) Except as provided in subparagraph (B), the regional transportation planning agency submits, and the agency approves, a regional short-term financial plan for immediate service retention consistent with the adopted guidelines and the requirements set forth in subdivision (e). If a regional transportation planning agency elects to use the funds described in subdivision (a) for operations for any of its transit operators in the 2023–24 fiscal year or forecasts operational need between the 2023–24 and 2026–27 fiscal years, inclusive, for any of its transit operators, then it shall submit a regional short-term financial plan pursuant to this clause.
(ii) The regional transportation planning agency submits to the agency regionally compiled transit operator data that is consistent with requirements included in the adopted guidelines and the requirements set forth in subdivision (f), and is compiled in coordination with transit operators providing service within the jurisdiction of the regional transportation planning agency.
(B) A regional transportation planning agency shall not be required to submit a regional short-term financial plan pursuant to subparagraph (A) if it declares that it does not have an operational need between the 2023–24 and 2026–27 fiscal years, inclusive, for any of its transit operators and will not use funding sources described in subdivision (a) for operations for any of its transit operators.
(2) A regional transportation planning agency may only receive an allocation of funds in the 2024–25 fiscal year from the funding sources described in subdivision (a) if it submits, and the agency approves, an updated regional short-term financial plan, and updated transit operator data, as described in paragraph (1), by December 31, 2025. The requirement to submit a regional short-term financial plan to receive 2024–25 fiscal year funding shall apply to all regional transportation planning agencies receiving funding described in subdivision (a) regardless of whether the agency was exempt pursuant to subparagraph (B) of paragraph (1).
(3) Notwithstanding paragraphs (1) and (2), the agency shall provide a regional transportation planning agency that does not meet requirements specified in paragraph (1) or (2) with an opportunity to remedy its plan and data and shall provide the allocation of funding after the requirements are met by no later than April 30, 2024, for the 2023–24 fiscal year and by no later than April 30, 2025, for the 2024–25 fiscal year.
(4) Upon agency approval of a regional short-term financial plan pursuant to paragraph (1) or (2), a regional transportation planning agency shall post the plan on its internet website.

(d) A regional transportation planning agency shall submit a long-term financial plan consistent with the requirements of subdivision (g) to the agency by June 30, 2026, that addresses the approach to sustain its region's transit operations absent additional discretionary or nonformula state funding.

(e) For purposes of subdivision (c), a regional short-term financial plan shall include, but is not limited to, all of the following:
(1) A demonstration of how the region will address any operational deficit, using all available funds including the fund sources described in subdivision (a), through the 2025–26 fiscal year, based on a 2022 service baseline.
(2) Justification for how the region's funding is proposed to be allocated to capital and operational expenses.
(3) A detailed breakdown and justification for how the funding is proposed to be distributed between transit operators and among projects, consistent with the legislative intent described in subdivision (d) of Section 75226 of, and subdivision (f) of Section 75260 of, the Public Resources Code
(4) A demonstration of how the plan will mitigate service cuts, fare increases, or layoffs relative to a 2022 service baseline to achieve short-term financial sustainability.
(5) A summary of how the plan will support ridership improvement strategies that focus on riders, such as coordinating schedules and ease of payment and improving cleanliness and safety, to improve the ridership experience.

(f) For purposes of subdivision (c), a regional transportation planning agency shall compile and submit regionally representative transit operator data to the agency including, but not limited to, all of the following data:
(1) Existing fleet and asset management plans by transit operator.
(2) Revenue collection methods and annual costs involved in collecting revenue for each transit operator and regional transportation planning agency involved.
(3) A statement of existing service plan and planned service changes.
(4) Expenditures on security and safety measures.
(5) Opportunities for service restructuring, eliminating service redundancies, and improving coordination amongst transit operators, including, but not limited to, consolidation of agencies or reevaluation of network management and governance structure.
(6) Schedule data in General Transit Feed Specification (GTFS) format to enable full visibility of service and service changes where feasible.

(g) For purposes of subdivision (d), a regional long-term financial plan shall include, but is not limited to, both of the following:
(1) Demonstration of the implementation of ridership retention and recovery strategies, including, but not limited to, policies that prioritize safety and cleanliness and streamlined coordination between transit operators, such as schedule coordination, operational management, and site sharing, to improve rider experience.
(2) A five-year forecast of operating funding requirements with detail on all sources of funding proposed for operations, including any new local and regional funding sources being pursued and the progress and improvements implemented since the last submitted regional short-term financial plan.

(h) As a condition of receiving moneys from the funding sources described in subdivision (a), a regional transportation planning agency shall post on its internet website a summary of monthly ridership data, consistent with the data submitted to the National Transit Database, from all its transit operators during the period of time for which it receives those moneys.
(i) (1) The agency shall support the transit goals set forth in this section by doing all of the following:
(A) Providing technical assistance to transit operators to transition to GTFS Real Time.
(B) Working with the Department of Transportation and each region to identify service improvements that could further grow ridership at both regional and interregional levels, including, but not limited to, transit priority.
(C) Working with the Department of Transportation and each region to identify opportunities to reduce the costs of revenue collection across operators, including through their California Integrated Transit Project.
(2) The agency may withhold up to five million dollars ($5,000,000) of the funding described in subdivision (a) to administer the accountability program established pursuant to this section. This funding shall be available for encumbrance and liquidation until June 30, 2028.

(j) For purposes of this section, "regional transportation planning agency" means a recipient of funding described in paragraphs (1) and (2) of subdivision (a) of Section 99312.1 of the Public Utilities Code.

Government Code § 14509.5.
(a) Notwithstanding any other law, each member of an advisory committee to the commission who is not a commission member shall receive a per diem of one hundred dollars ($100) for each day actually spent in the discharge of authorized advisory committee duties, and shall also be reimbursed for traveling and other expenses necessarily incurred in the performance of those duties.
(b) For purposes of this section, "advisory committee" includes, but is not limited to, those committees described in Sections 14506 and 14506.5 of this code and Section 3090 of the Vehicle Code.

Kern Council of Governments

September 6, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: **INFORMATION ITEM: E.**
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

DESCRIPTION:
Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year. The Transportation Technical Advisory Committee has reviewed this item.

DISCUSSION:
At the January 25-26, 2023 meeting, the California Transportation Commission (CTC) initiated the 2024 Regional Transportation Improvement Program (2024 RTIP) process to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

2024 Regional Transportation Improvement Program Schedule		
~~January 2023~~	~~CTC~~	~~Adopt 2024 STIP Fund Estimate Schedule~~ Done
~~March 22-23, 2023~~	~~CTC~~	~~Present Fund Estimate Assumptions to Commissioners~~ Done
~~April 26, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~May 17-18, 2023~~	~~CTC~~	~~Adopt Fund Estimate Assumptions~~ Done
~~June 21, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~June 28-29, 2023~~	~~CTC~~	~~Present Draft Fund Estimate~~ Done
~~August 16-17, 2023~~	~~CTC~~	~~Adopt Statewide Fund Estimate and Guidelines~~ Done
~~August 23, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~September 6, 2023~~	~~KCOG~~	~~Circulate Adm. Draft 2024 RTIP (TTAC~~) Done
September 13, 2023	KCOG	Regional Workshop – Repeat of August 23rd Workshop
October 4, 2023	KCOG	Circulate Draft 2024 RTIP (TTAC)
November 16, 2023	KCOG	Regional Adoption of 2024 RTIP CIP (TPPC)
December 15, 2023	KCOG	Submittal deadline of 2024 RTIP to the CTC
January/February, 2024	CTC	Conduct Southern/Northern California Public Hearing
March 1, 2024	CTC	CTC will circulate staff recommendation for 2024 STIP
March 21-22, 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

This month – The CTC provided the 2023 Summary of STIP County Shares (Orange Book). Attachment A of this report includes the 2023 Orange Book page for the Kern Region. The adopted CTC 2024 STIP Fund Estimate is included in Attachment E. The Fund Estimate includes County Shares for regional agencies to use in proposing new programming in the 2024 RTIP. The County Share for the Kern region is $13,505,000. The maximum County Share amount of $46,349,000 is based on a 5-year estimate but would require other regions to program less as well as be considered an advance from a future RTIP cycle. Staff is circulating the 2024 RTIP Administrative Draft as presented at the August 23, 2023 RTIP Workshop (see Attachment F). The September 13, 2023 RTIP Workshop will be a repeat of the August 23rd RTIP Workshop. Attachment G includes the Summary of Memorandum of Understanding Projects as discussed at the August 23rd RTIP Workshop. Inyo County noted an imbalance of payments as outlined in the Eastern California partnership. Inyo County provided more than their share as shown in Attachment G. Inyo County is requesting $3.4 million of the Kern County Share in the 2024 RTIP cycle for the Lone Pine Town Rehabilitation project.

Current 2022 STIP as Adopted - Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding. The Truck Climbing Lanes project on State Route 58 east of Bakersfield is considered a partnership project with Caltrans, with the intent of receiving SHOPP funding in future cycles for the construction phase. SR 46 widening work was advanced in the 2022 STIP to include construction funding for Segments 4B and 4C. These last 2 segments, once constructed, will complete the delivery of the last Phase 4, 5-mile segment. Phases 1, 2, and 3 are constructed. The Hageman Flyover project was programmed for construction in the 2022 RTIP. But the project has experienced delays. A STIP amendment was subsequently submitted by Kern COG to move funding from the Hageman Flyover to a new freeway to freeway connector project at the SR 58 and 99 freeway interchange. The STIP amendment was approved at the January 25-26, 2023 CTC meeting.

2022 STIP KERN REGION PROJECT STATUS	
SR 46 Widen Segment 4B	This project is currently under construction and scheduled for completion in 2023. This project will not move forward into the 2024 RTIP.
SR 46 Widen Segment 4C	Received construction authorizations in 22-23 and scheduled to begin work in 2023. This project received full STIP and TCEP allocations. This project will not move forward into the 2024 RTIP.
SR 58 Centennial Mainline	Under construction at 81% completed & expected to be completed later this year. Final AB 3090 (STIP) payment was allocated in 2022.
SR 99/204 Hageman Flyover	The Hageman project was not likely to advance to construction as programmed in the 2022 STIP. Kern COG subsequently requested a 2022 STIP Amendment. The amendment was approved at the January 25-26, 2023 CTC meeting to remove STIP funds from Hageman and move to new STIP project to construct a new freeway to freeway connector from eastbound SR 58 from new alignment west of SR 99 to northbound 99.
SR 58 Climbing Lanes	In the environmental review phase using CRRSAA/COVID funding.
NEW - SR 58/99 Connector	New project added to the 2022 STIP. This project was approved at the January 25-26, 2023, CTC meeting, as a STIP amendment and will fund the construction phase for the new connector. The City of Bakersfield is the lead for this work.

These projects are part of the 2022 State Transportation Improvement Program, and their funding activity is tracked by the CTC, every two years, through an updated document called Report of STIP Balances County and Interregional Shares, or the Orange Book. Attachment A of this report includes the 2023 Orange Book page for the Kern Region.

Update of Kern COG Project Delivery Policies and Procedures – In 2019, the Kern COG Board adopted the latest version of the Kern COG Project Delivery Policies and Procedures document which included updates to Chapters 1, 2 and 3. Chapter 3 focuses on the Regional Transportation Improvement Program process. The update included changes that provided consistency with STIP guidelines and other discretionary transportation programs.

Action: Information.

Enclosures:

Attachment A: CTC 2023 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments
Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops
Attachment D: KCOG RIP 60/40 Status
Attachment E: Final 2024 STIP Fund Estimate
Attachment F: 2024 RTIP Capital Improvement Program – Administrative Draft
Attachment G: Summary of Memorandum of Understanding Projects

Attachment A: CTC 2023 Summary of STIP County Shares (Orange Book)

2023 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

($1,000's)

Total County Share, June 30, 2022 (from 2022 Report)	63,002
Less 2021-22 Allocations and closed projects	(19,263)
Less Projects Lapsed, July 1, 2022-June 30, 2023	0
Total County Share, June 30, 2023	43,739

Kern

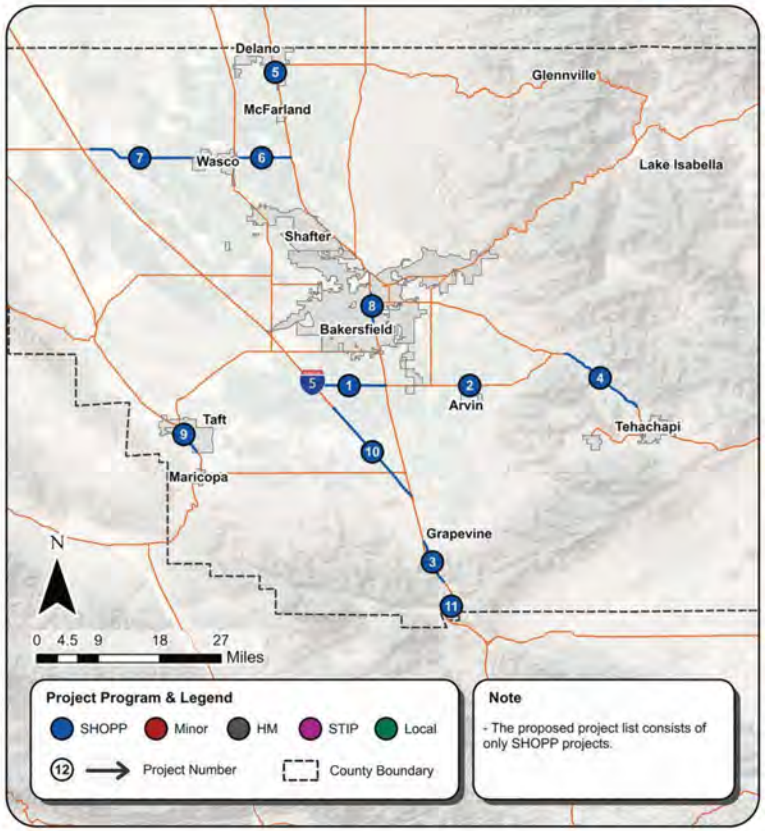
								Project Totals by Fiscal Year						Project Totals by Component					
Agency	Rte	PPNO	Project	Ext	Del.	Voted	Total	Prior	22-23	23-24	24-25	25-26	26-27	R/W	Const	E & P	PS&E	R/W Sup	Con Sup
Highway Projects:																			
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204 (22S-06)			delete	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring			Aug-22	300	0	300	0	0	0	0	0	300	0	0	0	0
Caltrans	46	3386E	Widen 4 lns, Browns Material Rd-CA Aquaduct, Seg 4C			Dec-22	13,995	5,450	8,545	0	0	0	0	2,750	4,445	0	2,100	600	4,100
Caltrans	14	8042B	Freeman Gulch widening-Segment 2 (RIP 40%)				1,960	1,960	0	0	0	0	0	0	0	0	1,960	0	0
Bakersfield	58	8029	Centennial Corridor EB 58 to NB 99 Loop Connector (22S-06)				24,093	0	0	0	0	24,093	0	0	24,093	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring				1,891	0	0	300	591	500	500	0	1,891	0	0	0	0
			Subtotal, Highway Projects				42,239	7,410	8,845	300	591	24,593	500	2,750	30,729	0	4,060	600	4,100
		Total Programmed or Voted since July 1, 2022					42,239												
COVID Projects																			
Caltrans	58	2664	Truck Climbing Lane, e/b, PM 76.3-79.8(20S-26)				2,272	2,272	0	0	0	0	0	0	0	2,272	0	0	0
Caltrans	46	3178	Antelope Grade truck Climbing Lane Extension (22S-14)	SOF			1,456	0	0	1,456	0	0	0	0	1,056	200	200	0	0
		Total Programmed or Voted since July 1, 2022					3,728	2,272	0	1,456	0	0	0	0	1,056	2,472	200	0	0

Balance of STIP County Share, Kern	
Total County Share, June 30, 2023	43,739
Total Programmed or Voted Since July 1, 2022	42,239
Unprogrammed Share Balance	1,500
Share Balance Advanced or Overdrawn	0
COVID Programming	
Target	6,414
Total Programmed or Voted Since July 1, 2022	3,728
All Lapsed Projects	0
Less All Allocations	2,686
Unprogrammed Share Balance	0
Rescinded Shares as of June 30, 2023	0
Share Balance	0

Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROPOSED PROJECT LIST (YEARS 6-7)

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROPOSED PROJECT LIST (YEARS 6-7)								
1	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	Proposed	$9,877	2024/25
2	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
3	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25
4	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
5	1A810	6	99	54.6 / 54.61	Delano Facility. Reconstruct Building	ENV	$3,486	2025/26
6	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
7	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
8	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
9	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
10	0W930	6	5	15.9R / 30.0	KER I5 CAPM / Remove .35' HMA and Place .25' HMA and 0.10' RHMA.	ENV	$35,406	2025/26
11	0X570	6	5	.73 / 1.08	Tejon SRRA Water & Wastewater Upgrades / Upgrade Water and Wastewater Systems	ENV	$10,170	2025/26



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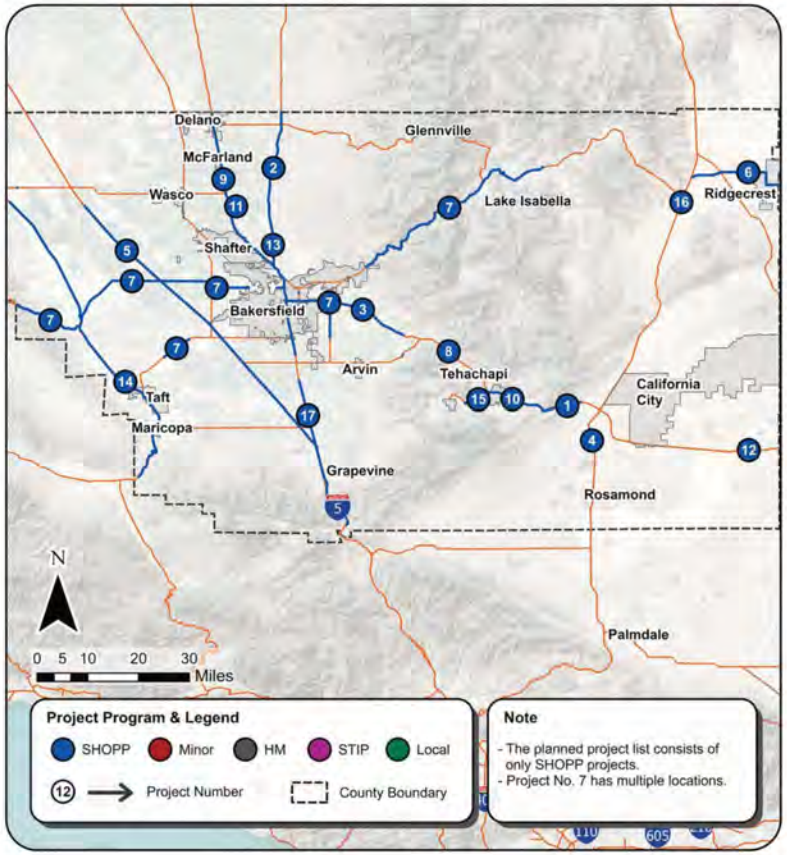
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PLANNED PROJECT LIST (YEARS 8-10)

No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PLANNED PROJECT LIST (YEARS 8-10)								
1	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	Future	$39,623	2026/27
2	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
3	0X450	6	58	R64.9 / R64.91	Arvin KER-58 Wim Upgrade / Improve Weigh Facility	Future	$3,051	2026/27
4	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	Future	$47,558	2026/27
5	19586	6	5	52.80 / 62.6	Rehab	Future	$76,423	2027/28
6	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	Future	$72,355	2027/28
7	22144	6	58	3.03 / 72.67	In Kern County at various locations. Drainage improvements	Future	$14,196	2027/28
8	22129	9	58	81 / 81.1	In Kern county at CVEF on Route 58 eastbound	Future	$1,260	2028/29
9	1A660	6	99	R43.9R / 49.4	CAPM	Future	$9,522	2028/29
10	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29
11	22167	6	99	R43.6R / R43.61R	50 0011R Spot prep and paint steel members	Future	$2,115	2028/29
12	21986	9	58	R138.75 / R139.0	In Kern County at Boron SRRA. Rehab wastewater treatment.	Future	$2,994	2028/29
13	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
14	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
15	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58.	Future	$9,387	2028/29
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	$2,463	2028/29
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	$13,724	2028/29



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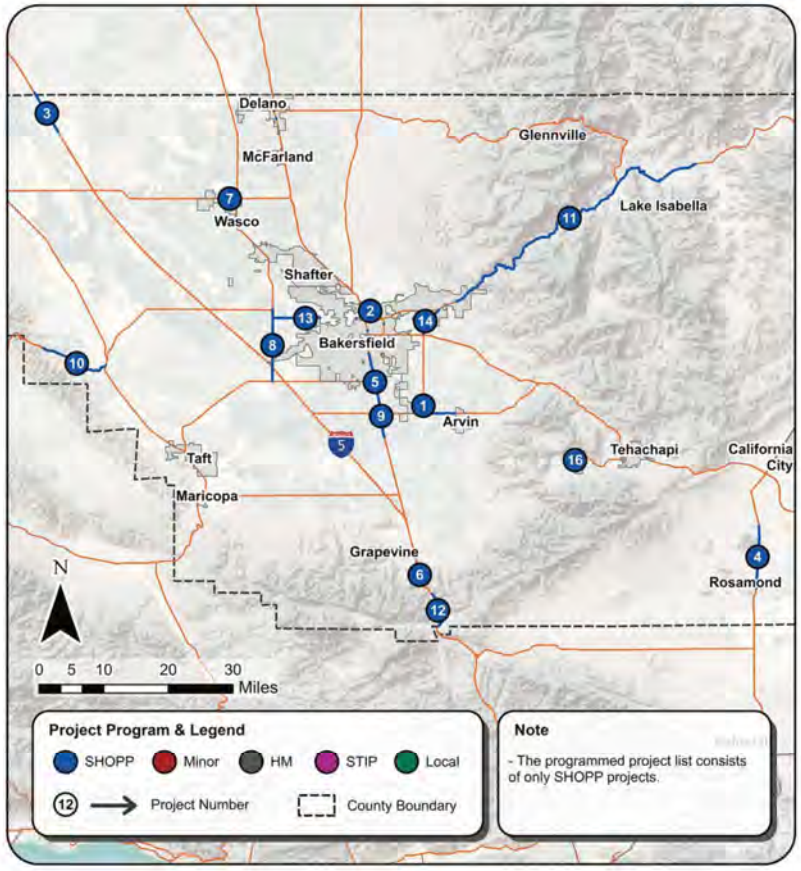
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
1	0V280	6	184	L0.9 / L1.1	Kern 184/Sunset Roundabout / Intersection Improvements	CON	$9,050	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U470	6	5	82 / 87	Lost Hills Rehab / Pavement Rehabilitation (2R)	CON	$29,330	2019/20
4	36740	9	14	R4.7 / R12.6	Rosamond-Mojave Rehab / 2R	CON	$73,615	2019/20
5	0U240	6	99	VAR / VAR	Various locations in Kern and Kings Counties	CON	$10,802	2019/20
6	0W160	6	5	5.97 / 9.78	Grapevine Culvert Repair / Upgrade Drainage Systems	CON	$14,214	2019/20
7	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
8	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
9	0Q920	6	99	10.4 / 21.2	Union Ave to White Lane 2R Rehab / Pavement Rehabilitation and Improve Vertical Clearance	CON	$66,740	2019/20
10	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	$12,400	2020/21
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	$10,100	2021/22
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	$16,783	2021/22



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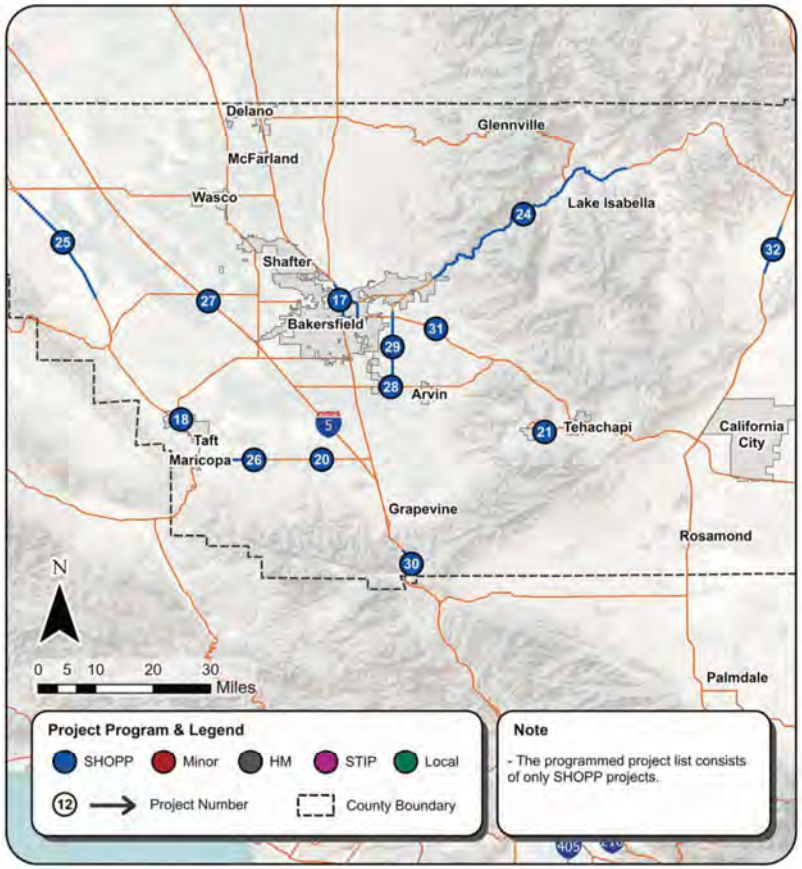
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART II

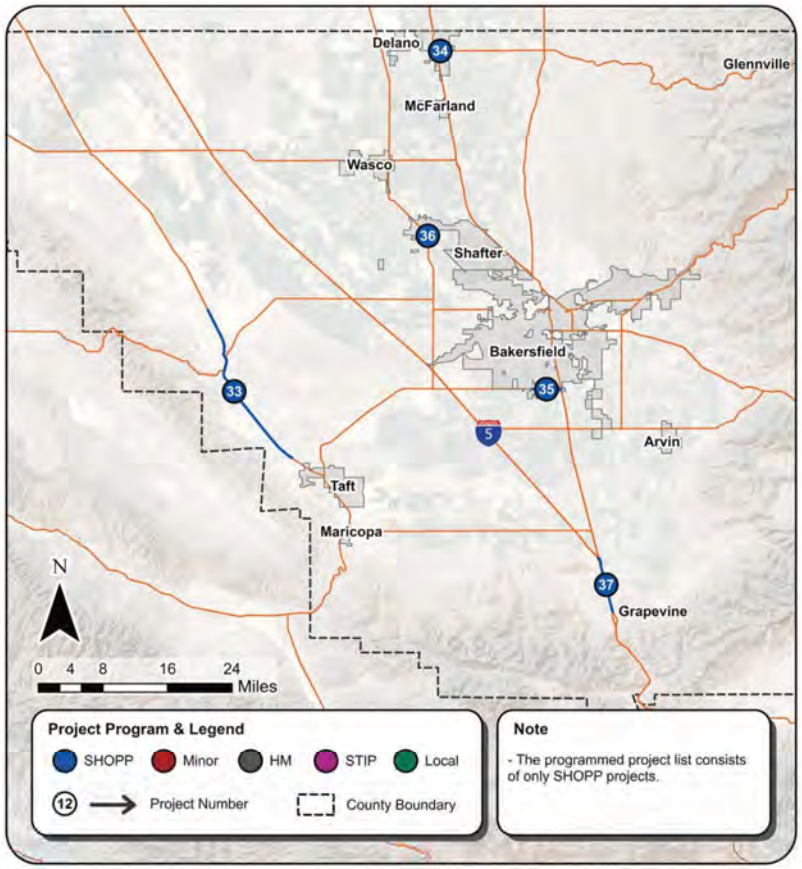
Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
17	0Q281	6	99	23.6 / R28.4	Bakersfield 99 Rehab Replacement Planting / Replacement Planting	ENV	$10,340	2021/22
18	0X760	6	119	0.14 / 0.54	Taft Left Turn Channelization / Left-Turn Channelization	ENV	$5,221	2021/22
19	0T000	6	58	R53.2 / R55.6	KER 58 ADA / Upgrade Curb Ramps	DES / ROW	$4,620	2021/22
20	0S050	6	166	17.3 / 17.7	Calif Aqueduct Bridge Rehab / Bridge Rehabilitation/Seismic Retrofit	ENV	$44,045	2021/22
21	36720	9	202	r4.89 / R4.89	Cummings Valley Rd Int / Construct Left Turn Lane	DES / ROW	$5,044	2021/22
22	0W150	6	204	0.00 / 6.752	SR 204 within City of Bakersfield and TUL SR 65 in Exeter at various locations	DES	$10,728	2021/22
23	0W990	6	204	2.805 / 2.805	Union Avenue High Intensity Activated Crosswalk / Install Hybrid Pedestrian Beacon (Hawk)	DES / ROW	$4,275	2021/22
24	0X080	6	178	8.0 / 50.0	Kern Canyon Culvert Rehab / Repair and Replace Culverts	DES / ROW	$13,000	2021/22
25	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
26	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
27	1A690	6	5	47.55 / 52.15	Buttonwillow Median Barrier / Construct Median Barrier	ENV	$5,720	2022/23
28	0R190	6	223	15.7 / 16.3	Arvin SR 223/184 Roundabout / Intersection Improvement	DES / ROW	$3,700	2022/23
29	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
30	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehabilitation (2R)	ENV	$31,350	2022/23
31	0X160	6	58	64.40 / 67.30	Edison 2R Rehab / Pavement Rehabilitation (2R)	ENV	$14,270	2022/23
32	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23



KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
33	0X240	6	33	21.8 / 39.8	KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	$11,430	2023/24
34	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
35	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
36	1A470	6	43	15.8 / 15.8	Santa Fe Roundabout / Construct Roundabout	ENV	$13,617	2023/24
37	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24



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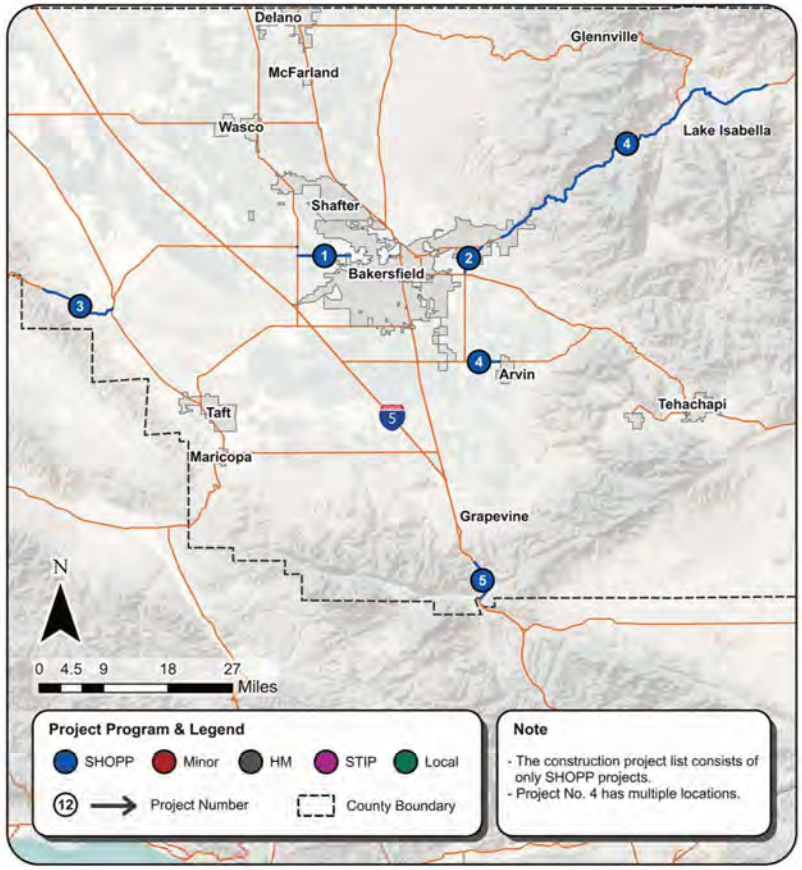
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
CONSTRUCTION READY PROJECT LIST

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
CONSTRUCTION READY PROJECT LIST (READY TO LIST ACHIEVED)								
1	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	CON	$12,400	2020/21
2	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES	$12,140	2020/21
3	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES	$15,970	2020/21
4	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
5	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21



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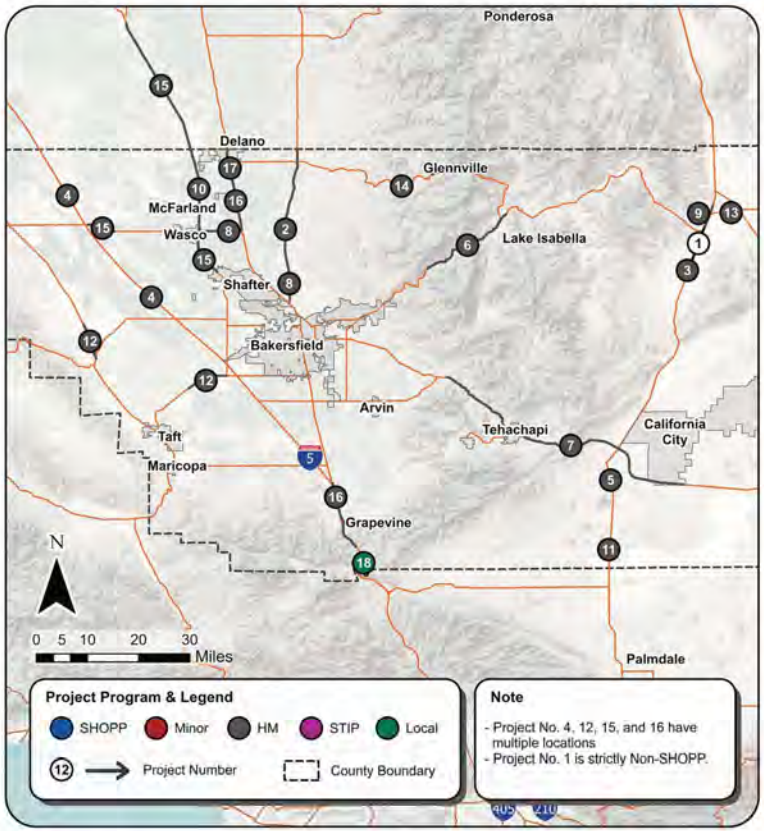
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
1	45712	6	14	53/58.3	Freeman Gulch Widening-Segment 2 / Convert Existing 2-Lane to 4-Lane Expressway	DES / ROW	$85,530	2022/23
2	1B080	6	65	1.0 / 25.169	Striping / 6 inch Stripe	CON	$2,570	2020/21
3	38570	9	14	52.8 / 58.3	Pavement Preservation / AR Chip Seal - SB1	CON	$916	2020/21
4	1A930	6	5	77.0 / 82.6	Rigid Roadbeds / PCC Slab Replacement	CON	$1,075	2020/21
5	38590	9	14	R12.3 / R15.3	Pavement Preservation / Digouts	CON	$1,761	2020/21
6	0Y110	6	178	24.6 / R44.191	Pavement Preservation / PME Medium Chip Seal	CON	$2,525	2020/21
7	38580	9	58	77.252 / R125.3	Pavement Preservation / Digouts	CON	$1,100	2020/21
8	1A950	6	46	51.2 / 57.785	Pavement Preservation / Remove and Replace RHMA Type G	CON	$4,300	2020/21
9	38800	9	14	58.3 / 62.2	Slopes/Vegetation / Slope Repair	CON	$40	2020/21
10	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	$5,425	2020/21
11	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	$32	2020/21
12	1B000	6	33	34.2 / 40.0	Pavement Preservation / PME Medium Chip Seal	CON	$2,425	2020/21
13	38130	9	178	91.88 / 91.88	Maintenance Facilities / Pave portion of yard	CON	$215	2020/21
14	1B020	6	155	35.5 / 37.5	Pavement Preservation / 0.15 HMA Type a w/ Digouts	CON	$2,650	2020/21
15	1A990	6	43	17.3 / R24.0	Pavement Preservation / PME Med Chip Seal	CON	$3,400	2020/21
16	1A900	6	5	4.4 / R15.8R	Rigid Roadbeds / PCC Slab Replacement	CON	$2,950	2020/21
17	1C002	6	99	54.5 / 54.5	Maintenance Facilities / Slurry Seal Delano MF	CON	$224	2020/21
18	0Y550	6	5	0.8/2	Lebec Mountain Village Roundabout / Construct Roundabout at Ramp Intersections	ENV	$402	2023/24



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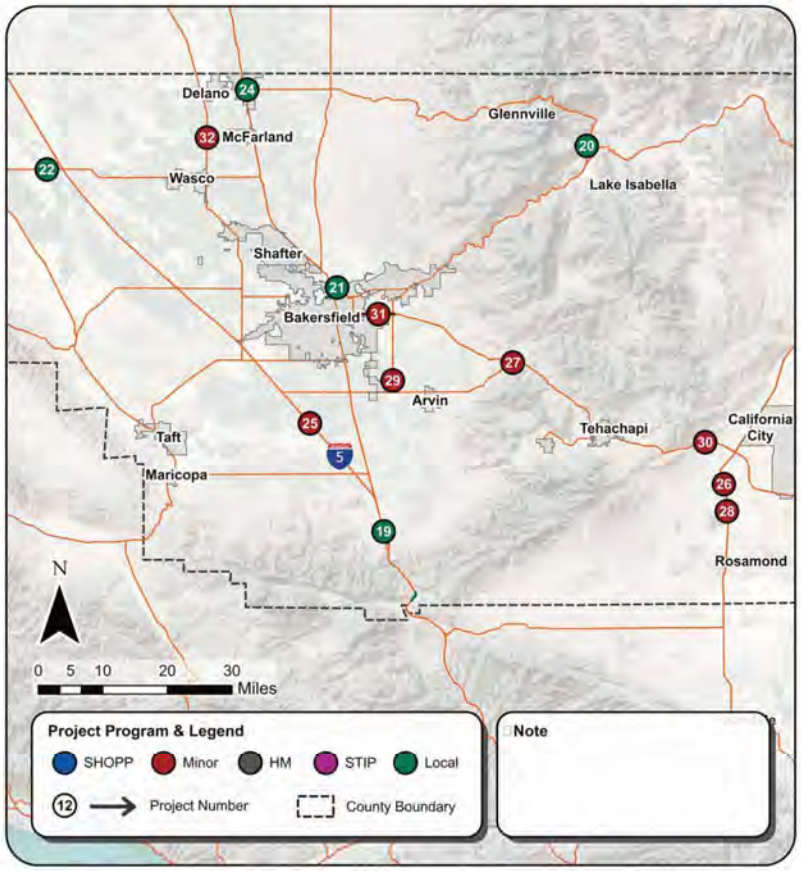
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
19	0R100	6	5	9.5/12	Grapevine Interchange / Relocate Interchange	ENV	$1,200	2025/26
20	0V770	6	155	68.2/R68.6	Usace Lake Isabella Oversight Projects / Realign Roadway	CON	$419	Future
21	48450	6	204	5.9/6.8	Hageman Flyover / Extension and Connection to RTE 204	DES / ROW	$5,658	2021/22
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	$1,300	2020/21
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	$0	2021/22
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	$498	2021/22
25	0T030	6	5	28.17 / 28.17	Mobility - TMS / In Kern, Kings and Fresno Counties, on Route 5 at various locations. Install Vehicle Detection Systems (VDS).	CON	$3,762	2020/21
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	$2,273	2020/21
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	$1,900	2021/22
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	$2,273	2020/21
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	$327	2021/22
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	$382	2020/21
31	0Y940	6	58	R55.47 / R59.67	Pavement / In Kern County, in Bakersfield on Route 58 at various ramps/locations. Remove and replace pavement.	DES	$400	2021/22
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	$250	2021/22



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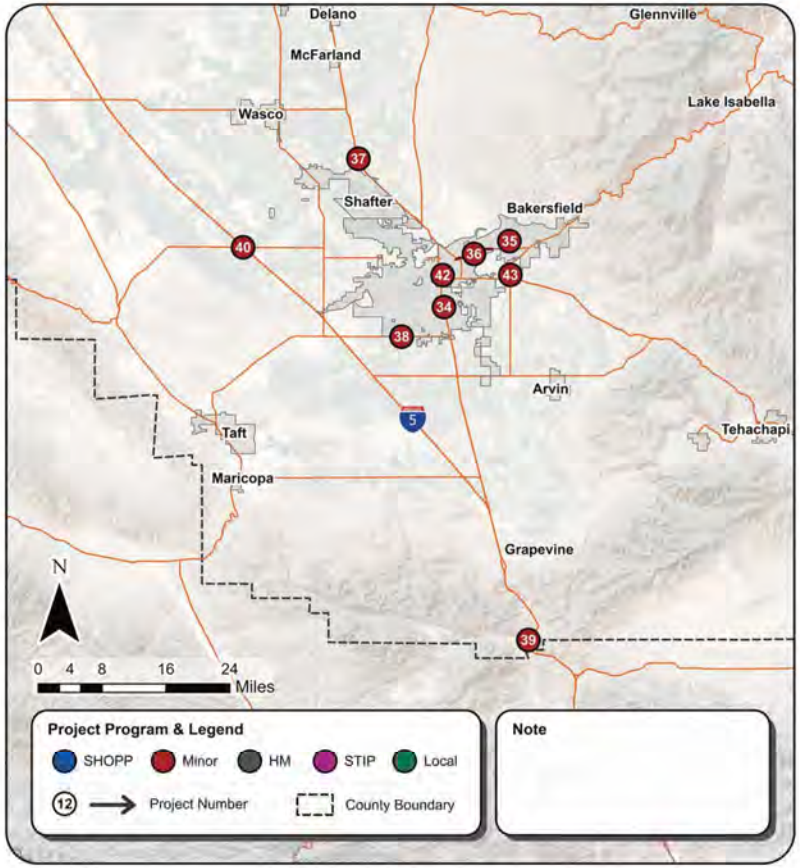
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
33	0S790	6	178	R4.5 / R4.5	Pavement / In Kern County, in Bakersfield at the Mount Vernon Avenue westbound onramp. Remove and replace pavement.	DES	$384	2021/22
34	1A150	6	99	20.6 / 20.6	Major Damage - Protective Betterments / In Kern County, in Bakersfield at Pacheco Road. Upgrade fence.	DES	$163	2021/22
35	1A130	6	178	R4.6 / R5.2	Major Damage - Protective Betterments / In Kern County, in the city of Bakersfield at various locations. Construct fence.	DES	$195	2021/22
36	0Y950	6	178	R1.89 / R5.78	Pavement / In Kern County, in Bakersfield on Route 178 at various ramps/locations. Remove and replace pavement.	DES	$415	2021/22
37	0V130	6	99	R39.1 / R39.1	Pavement / In Kern County, near Bakersfield on Route 99 at Merced Avenue offramp. Remove asphalt pavement and replace with concrete pavement.	DES	$600	2021/22
38	0X920	6	119	26.1 / 26.4	Safety Improvements / In Kern County, at Old River Road. Install safety lighting.	DES	$205	2021/22
39	1B160	6	5	R0.0 / R0.0	Mobility - Operational Improvements / In Fresno, Kern, Kings, Madera and Tulare counties on various routes at various locations. Repair and replace detection loops	DES	$325	2021/22
40	1C240	6	58	31.44 / 31.75	Pavement / In Kern County from 0.01 miles west of Route 5 SB offramp to Tracy Avenue (East). Remove and replace pavement and loops.	CON	$385	2020/21
41	1A420	6	178	R4.6 / R4.6	Major Damage - Protective Betterments /	CON	$134	2020/21
42	0X540	6	178	R2.26 / R2.26	Safety Improvements / In Kings County, at Pickerell Avenue. Install flashing beacon.	DES	$205	2020/21
43	1A860	6	184	8.35 / 8.35	Pavement / In Kern County, near Bakersfield at Edison Road. Remove and replace pavement.	DES	$410	2020/21



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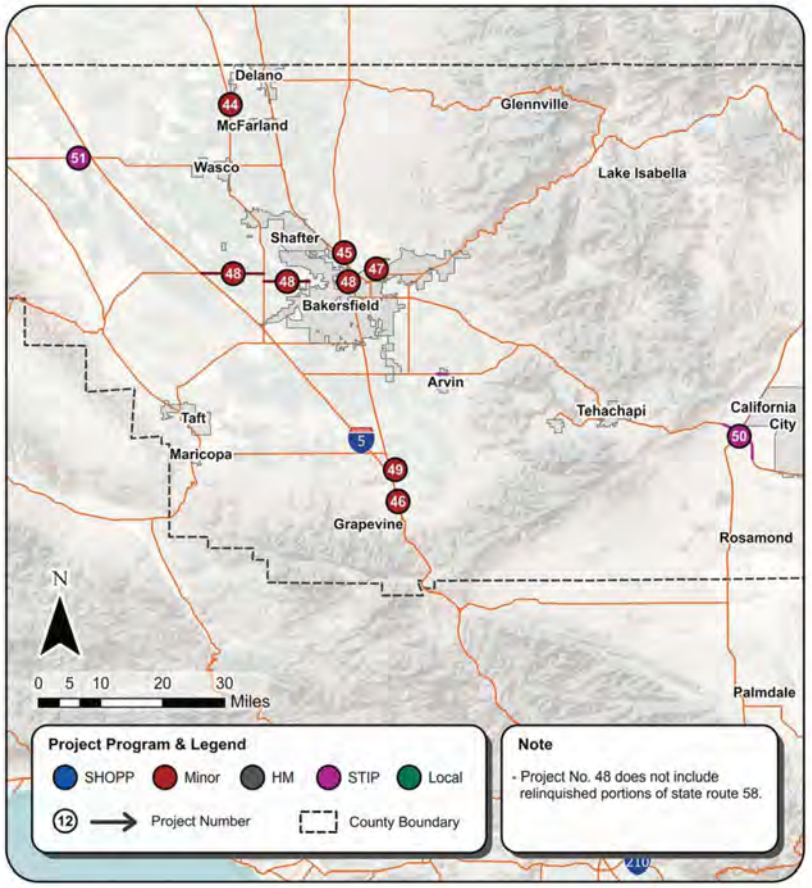
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART IV

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
44	0Y340	6	43	33.2 / 33.5	Safety Improvements / In Kern County, at Pond Road. Install flashing beacon.	DES	$173	2020/21
45	1A550	6	99	26.7 / 26.7	Bridge - Health / In Kern County, on Route 99 at the Calloway Canal Bridge and on Route 119 at the Weed Creek and Broad Creek Bridges. Repair bridges.	DES	$555	2021/22
46	1C030	6	5	11.7 / 12.39	Mobility - WIM Scales & CVEFs / In Kern County from the Grapevine Commercial Vehicle Enforcement Facility to 2.6 miles south of the Route 99 junction. Replace weigh station message sign.	DES	$500	2021/22
47	0Y780	6	99	26.502 / 26.502	Facilities / In Bakersfield, at the old California Highway Patrol (CHP) facility at 4040 Buck Owens Boulevard. Acquire facility to maintain Transportation Management Center (TMC) functions.	DES	$106	2021/22
48	1B150	6	58	31.6 / 51.8	Kern Freeway Signs / Upgrade and Install Freeway Signs	CON	$460	2020/21
49	1C330	6	5	13.54 / 13.8	Pavement / In Kern County at the NB off ramp to Wheeler Ridge. Remove and Replace HMA	DES	$325	2021/22
50	44255	6	46	29.7/31.9	Route 46 Conv/Exwy Segment 4B / 2-Lane Conventional Highway to 4-Lane Expressway Segment 4B	CON	$40,503	2020/21
51	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	$87,010	Future



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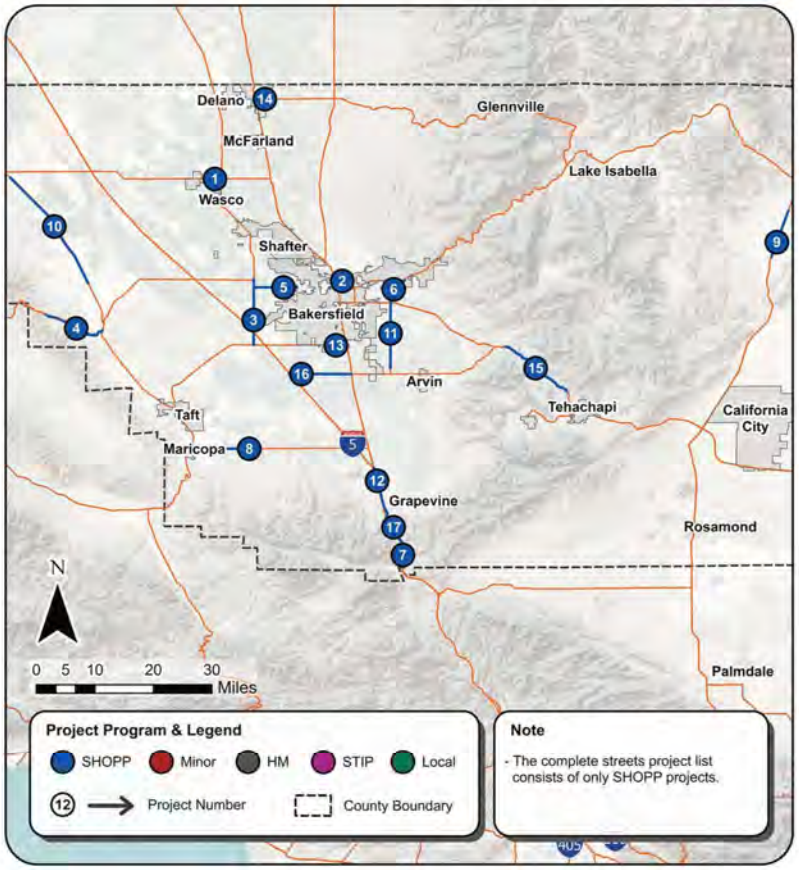
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
1	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
4	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
5	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	Closeout	$12,400	2020/21
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
7	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
8	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
9	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23
10	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
11	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
12	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24
13	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
14	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
15	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	$9,877	2024/25
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25



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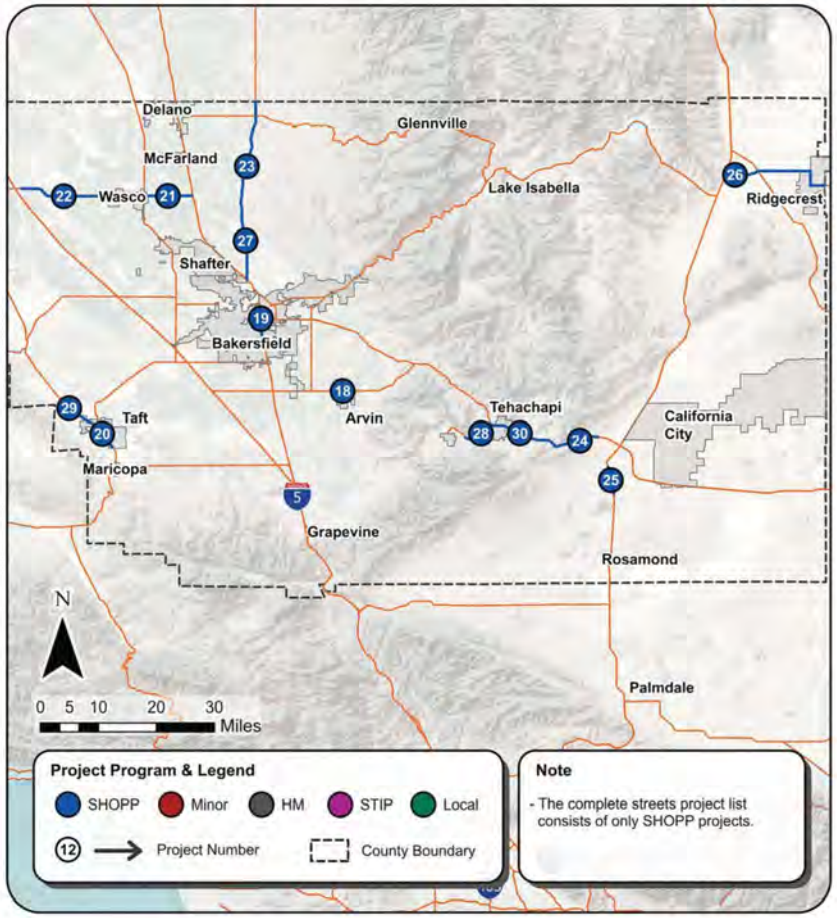
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
18	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
19	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
20	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
21	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
22	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
23	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
24	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	ENV	$39,623	2026/27
25	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	ENV	$47,558	2026/27
26	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	ENV	$72,355	2027/28
27	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
28	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58	Future	$9,387	2028/29
29	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
30	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29



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Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops

Kern Council of Governments

March 1, 2023

TO: Regional Project Delivery Partners

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

Raquel Pacheco,
Regional Planner

SUBJECT: **SAVE THE DATE - 2024 RTIP KCOG WORKSHOPS**

Please make a note of the dates and time listed below for the Kern COG 2024 RTIP Workshops. Reminder e-mail messages, workshop flyers, and agenda packages will be sent out as each date approaches. Dates will be included in updated TTAC and Board agenda reports.

- Wednesday **April 26, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **June 21, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **August 23, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **September 13, 2023** – 10:00 AM to 11:00 AM – teleconference (tentative)

Topics for presentations and discussions may include but are not limited to the following items:

April Workshop
- STIP 101, latest guidelines and KCOG policy
- Current funding needs of projects in the STIP and those that were delayed
- Status of partnership projects in Eastern Kern MOU with Inyo, Mono & Caltrans
- Discussion on need for future call for projects

June Workshop
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Options for administrative draft 2024 RTIP Capital Improvement Program

August Workshop
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

September Workshop (tentative)
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

Kern Council of Governments
1401 19th Street, Suite 300, Bakersfield, California 93301 (661) 861-2191 Facsimile (661) 324-8215 TTY (661) 832-7433 www.kerncog.org

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non - 60/40	Metro	%	Non-Metro	%
1998 RTIP Augmentation	$6,177,000		$3,706,200	60%	$2,470,800	40%
Cecil Ave; Albany St-Browning Rd	$5,646,000				$531,000	
7th Standard; Rte 99-Santa Fe Exp.	$5,070,000				$576,000	
Wheeler Ridge Rd;Le Gray Rd-Rte 223	$3,970,000				$1,100,000	
Rte 14; old Rte 58-Phillips Rd	$3,550,000				$420,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$3,185,000				$365,000	
Rte 46; Wasco Rte 43 N.-Jumper Ave	$2,185,000				$1,000,000	
Rte 58; in Tehachapi at Dennison Rd	$1,685,000				$500,000	
Rte 119; in Taft, Cherry-Tupman	$868,000				$817,000	
Rte 184; Rte 223-Panama Lane	$254,000				$614,000	
Rte 395; Inyo Co.-Olancha/Cartago	$139,000				$115,000	
1998 Balance	$139,000*[b]		$0	0%	$6,038,000	98%
2000 RTIP Committed Programming*[c]	$7,426,000		$4,455,600	60%	$2,970,400	40%
Rte 14; old Rte 58-Phillips Rd	$2,000,000				$5,426,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$1,000,000				$1,000,000	
Rte 46; Keck's Road to I-5 *[a]	$0				$1,000,000	
2000 Balance			$0	0%	$7,426,000	100%
2002 RTIP Committed Programming*[c]	$37,008,000		$8,766,000	60%	$5,844,000	40%
STIP PPM	$36,510,000	$498,000				
Westside Parkway*[d]	$14,610,000	$21,900,000				
Rte 14; near Rte 178	$13,086,000				$1,524,000	
Rte 46; Keck's Road to I-5*[a]	$8,631,000				$4,455,000	
Rte 46; Rte43 N.-Jumper Ave	$8,221,000				$410,000	
Rte 58; in Tehachapi at Dennison Rd	$7,186,000				$1,035,000	
Rte 99; White Lane Soundwall	$6,436,000		$750,000			
Rte 119; in Taft, Cherry-Tupman	$5,436,000				$1,000,000	
Rte 184; Weedpatch Hwy	$4,096,000				$1,340,000	
Rte 395; China Lake Blvd to Rte178	$3,296,000				$800,000	
Rte 395; Mono Co.- Highpoint Curve	$3,165,000				$131,000	
Rte 395; I-15 to Rte 58	$1,165,000				$2,000,000	
West Ridgecrest Blvd	$165,000				$1,000,000	
7th Standard Road (East) - Wings Way	$0		$165,000			
2002 Balance			$915,000	6%	$13,695,000	94%
2004 RTIP Committed Programming*[c]	$72,132,000		$24,643,800	60%	$16,429,200	40%
STIP PPM	$71,773,000	$359,000				
Westside Parkway*[d]	$41,073,000	$30,700,000				
Rte 14; old Rte 58-Phillips Rd	$22,960,000				$18,113,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$22,160,000				$800,000	
Rte 46; Rte43 N.-Jumper Ave	$21,500,000				$660,000	
Rte 119; in Taft, Cherry-Tupman	$21,000,000				$500,000	
Rte 178; at Fairfax Rd	$6,000,000		$15,000,000			
7th Standard Road Interchange	$3,500,000		$2,500,000			
7th Standard Road (East) - Wings Way	$1,000,000		$2,500,000			
7th Standard Road (West) - Shafter	$0				$1,000,000	
2004 Balance			$20,000,000	49%	$21,073,000	51%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2006 RTIP - Respreading Budget*[c]	$13,014,000		$7,733,400	60%	$5,155,600	40%
STIP PPM	$12,889,000	$125,000				
Rte 58; in Tehachapi at Dennison Rd	$11,720,000				$1,169,000	
Rte 395; China Lake Blvd to Rte178	$11,280,000				$440,000	
Rte 395; Inyo Co.-Indep. Mitigation	$11,200,000				$80,000	
7th Standard Road (West) - Shafter	$0				$11,200,000	
2006 Balance			$0	0%	$12,889,000	100%
2006 RTIP Augmentation	$20,592,000		$1,843,200	60%	$1,228,800	40%
STIP PPM	$19,772,000	$820,000				
Westside Parkway*[d]	$3,072,000	$16,700,000				
Rte 46; Keck's Road to Rte 33*[a]	$2,622,000				$450,000	
Rte 395; Inyo Co.-Independence	$687,000				$1,935,000	
Rte 395; Inyo Co.-Olancha/Cartago	$0				$687,000	
2006 Augmentation Balance			$0	0%	$3,072,000	100%
2008 RTIP Committed Programming	$164,761,000		$61,756,800	60%	$41,171,200	40%
STIP PPM	$161,598,000	$3,163,000				
Westside Parkway*[d]	$28,398,000	$58,670,000	$74,530,000			
Rte 46; SLO Co. line-Keck's Corner *[a]	$27,098,000				$1,300,000	
Rte 46; Keck's Road to Rte 33*[a]	$0				$27,098,000	
2008 Balance			$74,530,000	72%	$28,398,000	28%
2010 RTIP Committed Programming	$54,477,000		$31,620,000	60%	$21,080,000	40%
STIP PPM	$52,700,000	$1,777,000				
Westside Parkway	$2,700,000		$50,000,000			
SR 99: South	$0		$2,700,000			
2010 Balance			$52,700,000	100%	$0	0%
2012 RTIP Committed Programming	$16,318,000		$9,232,800	60%	$6,155,200	40%
STIP PPM	$15,388,000	$930,000				
Rte 14; near Rte 178	$9,868,000				$5,520,000	
Rte 395; Inyo Co. Olancha/Cartago	$7,700,000				$2,168,000	
West Ridgecrest Blvd	$1,500,000				$6,200,000	
Challenger Drive Ext.	$0				$1,500,000	
2012 Balance			$0	0%	$15,388,000	100%
2014 RTIP Committed Programming	$5,803,000		$3,123,000	60%	$2,082,000	40%
STIP PPM	$5,205,000	$598,000				
Rte 119; Truck Climbing Lane	$0				$5,205,000	
2014 Balance			$0	0%	$5,205,000	100%
2016 RTIP Respreading Budget*[c]	$38,398,000		$22,560,600	60%	$15,040,400	40%
STIP PPM	$37,601,000	$797,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$33,501,000				$4,100,000	
Rte 58; Westside Parkway Connector	$500,000		$33,001,000			
Rte 395; Inyo Co. Olancha/Cartago Arch.	$0				$500,000	
2016 Balance			$33,001,000	87%	$4,600,000	12%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2018 RTIP Committed Programming	$38,820,000		$22,842,000	60%	$15,228,000	40%
STIP PPM	$38,070,000	$750,000				
Rte 14 Freeman Gulch-Segment 2	$36,110,000				$1,960,000	
Rte 46; Brown Mat.-e/o Lost Hills Rd; 4B*[a]	$33,710,000				$2,400,000	
Rte 58; WS Pkwy Conn Mainline Ph1	$3,500,000		$30,210,000			
Rte 132 Expressway, Phase 1	$0				$3,500,000	
2018 Balance			$30,210,000	79%	$7,860,000	21%
2020 RTIP Cycle Committed Programming	$19,095,000		$11,007,000	60%	$7,338,000	40%
STIP PPM	$18,345,000	$750,000				
Rte 46; CA Aque. Br-e/o Lost Hills Rd; 4B*[a]	$14,745,000				$3,600,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$9,295,000				$5,450,000	
Rte 395; Inyo Co. Olancha/Cartago	$0				$9,295,000	
2020 Balance			$0	0%	$18,345,000	100%
2022 RTIP Cycle	$38,053,000		$22,057,200	60%	$14,704,800	40%
STIP PPM	$36,762,000	$1,291,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$32,638,000				$4,124,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$24,093,000				$8,545,000	
Rte 58/99 Centennial Loop Connector	$0		$24,093,000			
2022 Balance			$24,093,000	66%	$12,669,000	34%
End Balance*[e]			$235,449,000	60%	$156,658,000	40%
			$235,264,200	60%	$156,842,800	40%
			$184,800		-$184,800	

Notes:

*[a] As per $45 million total commitment.

*[b] Carryover included in the next RTIP fund estimate because no project was ready to utilize for any phase of development.

*[c] The 2006 RTIP and 2016 RTIP do not offer any new programming dollars instead existing unallocated programming from previous RTIP cycles has been respread.

*[d] $145 million of 1998 RTIP funds were dedicated to the former Kern River Freeway in the Metro area at the beginning of SB45 and before the 60/40 policy adoption. The "End Balance" is calculated without the $145 million.

*[e] "End Balance" analysis consists of the sum of committed programming. Kern COG staff was careful not to double count any commitments. Please bring any corrections to the attention of Kern COG staff.

2024 STIP FUND ESTIMATE

Table 1 - Reconciliation to County and Interregional Shares

($ in millions)

	Public Transportation Account						5-Year	6-Year
Public Transportation Account (PTA)	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**Total**	**Total**
2024 FE PTA Target Capacity	$120	$105	$60	$60	$50	$40	$315	$435
Total 2024 STIP FE PTA Capacity	**$120**	**$105**	**$60**	**$60**	**$50**	**$40**	**$315**	**$435**
2022 STIP Program[1]	**$229**	**$99**	**$62**	**$22**	**$0**	**$0**	**$183**	**$412**
Extensions	$50	$59	$0	$0	$0	$0	$59	$109
Advances	($1)	$0	$0	$0	$0	$0	$0	($1)
Net PTA STIP Program	**$278**	**$157**	**$62**	**$22**	**$0**	**$0**	**$242**	**$520**
PTA Capacity for County Shares	**($158)**	**($52)**	**($2)**	**$38**	**$50**	**$40**	**$73**	**($85)**
Cumulative	**($158)**	**($211)**	**($213)**	**($175)**	**($125)**	**($85)**	**-**	**-**

	State Highway Account						5-Year	6-Year
State Highway Account (SHA)	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**Total**	**Total**
2024 FE SHA Target Capacity	$475	$525	$525	$500	$500	$500	$2,550	$3,025
Total 2024 STIP FE SHA Capacity	**$475**	**$525**	**$525**	**$500**	**$500**	**$500**	**$2,550**	**$3,025**
2022 STIP Program [1]	**$215**	**$363**	**$292**	**$243**	**$0**	**$0**	**$898**	**$1,113**
Extensions	$151	$12	$0	$0	$0	$0	$12	$163
Advances	($5)	$0	($4)	$0	$0	$0	($4)	($9)
Net SHA STIP Program	**$360**	**$375**	**$288**	**$243**	**$0**	**$0**	**$906**	**$1,266**
SHA Capacity for County Shares	**$115**	**$150**	**$237**	**$257**	**$500**	**$500**	**$1,644**	**$1,759**
Cumulative	**$115**	**$264**	**$502**	**$759**	**$1,259**	**$1,759**	**-**	**-**

Total Capacity	**($44)**	**$97**	**$235**	**$295**	**$550**	**$540**	**$1,718**	**$1,674**

Notes:

Numbers may not add due to rounding.

[1]Draft 2023 Orange Book as of July 17, 2023

2024 STIP FUND ESTIMATE
Table 2 - Summary of Targets and Shares
($ in thousands)

County	2024 STIP Programming		
	Base (Minimum)	Total Target	Maximum
	Share through 2027-28	Share through 2028-29	Estimated Share through 2031-32
Alameda	49,377	64,236	199,103
Alpine	847	1,273	5,141
Amador	3,667	4,632	13,392
Butte	5,754	8,433	32,740
Calaveras	0	1,117	11,356
Colusa	1,796	2,553	9,425
Contra Costa	32,993	43,154	135,375
Del Norte	0	0	2,710
El Dorado LTC	9,159	11,135	29,073
Fresno	32,534	43,433	142,349
Glenn	500	1,292	8,484
Humboldt	6,478	9,297	34,882
Imperial	19,483	24,630	71,350
Inyo	0	2,742	39,428
Kern	31,505	46,349	181,082
Kings	0	371	18,899
Lake	4,503	5,746	17,030
Lassen	6,267	8,062	24,355
Los Angeles	131,421	216,817	991,876
Madera	296	2,239	19,868
Marin	0	0	13,092
Mariposa	1,458	2,188	8,814
Mendocino	9,038	11,731	36,177
Merced	12,981	16,586	49,306
Modoc	2,810	3,775	12,536
Mono	6,076	9,097	36,516
Monterey	10,448	15,515	61,507
Napa	0	0	12,953
Nevada	3,877	5,431	19,539
Orange	44,562	71,965	320,675
Placer TPA	0	0	32,863
Plumas	2,550	3,630	13,434
Riverside	35,374	59,788	281,373
Sacramento	52,513	66,606	194,511
San Benito	0	0	0
San Bernardino	77,490	105,358	358,293
San Diego	42,715	74,241	360,379
San Francisco	30,212	37,590	104,551
San Joaquin	36,881	44,617	114,833
San Luis Obispo	12,217	17,613	66,589
San Mateo	31,644	39,000	105,761
Santa Barbara	14,006	20,122	75,634
Santa Clara	4,761	21,943	177,888
Santa Cruz	5,755	8,602	34,442
Shasta	4,227	7,323	35,421
Sierra	1,106	1,640	6,481
Siskiyou	4,630	6,802	26,515
Solano	0	0	32,218
Sonoma	12,281	17,499	64,862
Stanislaus	11,026	16,482	65,994
Sutter	1,969	3,205	14,421
Tahoe RPA	598	1,209	6,752
Tehama	13,603	15,180	29,495
Trinity	4,300	5,442	15,814
Tulare	14,199	21,032	83,057
Tuolumne	4,245	5,494	16,824
Ventura	98,960	107,857	188,608
Yolo	10,619	13,251	37,136
Yuba	5,614	6,609	15,644
Statewide Regional	961,325	1,361,934	5,118,826
Interregional	172,685	312,076	1,577,214
TOTAL	**1,134,010**	**1,674,010**	**6,696,040**

	New Capacity
Statewide SHA Capacity	**1,758,767**
Statewide PTA Capacity	**(84,757)**
Total STIP Capacity	**1,674,010**

2024 STIP FUND ESTIMATE

Table 3 - Calculation of New Programming Targets and Shares - Base (Minimum)

($ in thousands)

County	Net Carryover		2024 STIP Share through 2027-28		
	Unprogrammed Balance	Balance Advanced	Formula Distribution	**Net Share (Base)**	Net Advance
Alameda	6,217	0	30,035	**49,377**	0
Alpine	0	14	861	**847**	0
Amador	1,678	0	1,951	**3,667**	0
Butte	341	0	5,413	**5,754**	0
Calaveras	0	2,292	2,280	**0**	(12)
Colusa	166	0	1,530	**1,796**	0
Contra Costa	12,455	0	20,538	**32,993**	0
Del Norte	0	5,670	1,400	**0**	(4,270)
El Dorado LTC	5,164	0	3,995	**9,159**	0
Fresno	10,506	0	22,028	**32,534**	0
Glenn	0	1,102	1,602	**500**	0
Humboldt	775	0	5,698	**6,478**	0
Imperial	9,078	0	10,405	**19,483**	0
Inyo	0	9,470	8,170	**0**	(1,300)
Kern	1,500	0	30,005	**31,505**	0
Kings	0	5,797	4,126	**0**	(1,671)
Lake	1,919	0	2,513	**4,503**	0
Lassen	2,564	0	3,628	**6,267**	0
Los Angeles	0	59,353	172,604	**131,421**	0
Madera	0	3,630	3,926	**296**	0
Marin	0	18,482	5,275	**0**	(13,207)
Mariposa	0	18	1,476	**1,458**	0
Mendocino	3,479	0	5,444	**9,038**	0
Merced	5,694	0	7,287	**12,981**	0
Modoc	859	0	1,951	**2,810**	0
Mono	0	30	6,106	**6,076**	0
Monterey	206	0	10,242	**10,448**	0
Napa	0	7,577	3,430	**0**	(4,147)
Nevada	735	0	3,142	**3,877**	0
Orange	0	10,825	55,387	**44,562**	0
Placer TPA	0	16,056	8,174	**0**	(7,882)
Plumas	367	0	2,183	**2,550**	0
Riverside	0	13,972	49,346	**35,374**	0
Sacramento	24,029	0	28,484	**52,513**	0
San Benito	0	14,123	2,012	**0**	(12,111)
San Bernardino	0	18,583	56,328	**77,490**	0
San Diego	0	21,008	63,723	**42,715**	0
San Francisco	1,548	0	14,912	**30,212**	0
San Joaquin	0	4,756	15,637	**36,881**	0
San Luis Obispo	0	1,490	10,907	**12,217**	0
San Mateo	16,776	0	14,868	**31,644**	0
Santa Barbara	1,643	0	12,363	**14,006**	0
Santa Clara	0	29,968	34,729	**4,761**	0
Santa Cruz	0	0	5,755	**5,755**	0
Shasta	0	2,524	6,257	**4,227**	0
Sierra	28	0	1,078	**1,106**	0
Siskiyou	240	0	4,390	**4,630**	0
Solano	0	22,751	9,184	**0**	(13,567)
Sonoma	1,733	0	10,548	**12,281**	0
Stanislaus	0	0	11,026	**11,026**	0
Sutter	0	529	2,498	**1,969**	0
Tahoe RPA	0	636	1,234	**598**	0
Tehama	10,279	0	3,188	**13,603**	0
Trinity	1,990	0	2,310	**4,300**	0
Tulare	386	0	13,813	**14,199**	0
Tuolumne	1,722	0	2,523	**4,245**	0
Ventura	80,977	0	17,983	**98,960**	0
Yolo	0	2,400	5,319	**10,619**	0
Yuba	3,602	0	2,012	**5,614**	0
	0	0	0	**0**	0
Statewide Regional	208,656	273,056	845,232	**961,325**	(58,166)
	0	0	0	**0**	0
Interregional	0	118,059	281,744	**172,685**	0
	0	0	0	**0**	0
TOTAL	208,656	391,115	1,126,976	**1,134,010**	(58,166)

Statewide SHA Capacity	**1,258,767**
Statewide PTA Capacity	**(124,757)**
Total	**1,134,010**

2024 STIP FUND ESTIMATE

Table 4 - Calculation of New Programming Targets and Shares - Total Target

($ in thousands)

County	Net Carryover		2024 STIP Share through 2028-29			
	Unprogrammed Balance	Balance Advanced	Formula Distribution	Add Back Lapses 2021-22 & 2022-23	**Net Share (Total Target)**	Net Advance
Alameda	6,217	0	44,894	13,125	**64,236**	0
Alpine	0	(14)	1,287	0	**1,273**	0
Amador	1,678	0	2,916	38	**4,632**	0
Butte	341	0	8,092	0	**8,433**	0
Calaveras	0	(2,292)	3,409	0	**1,117**	0
Colusa	166	0	2,287	100	**2,553**	0
Contra Costa	12,455	0	30,699	0	**43,154**	0
Del Norte	0	(5,670)	2,093	0	**0**	(3,577)
El Dorado LTC	5,164	0	5,971	0	**11,135**	0
Fresno	10,506	0	32,927	0	**43,433**	0
Glenn	0	(1,102)	2,394	0	**1,292**	0
Humboldt	775	0	8,517	5	**9,297**	0
Imperial	9,078	0	15,552	0	**24,630**	0
Inyo	0	(9,470)	12,212	0	**2,742**	0
Kern	1,500	0	44,849	0	**46,349**	0
Kings	0	(5,797)	6,168	0	**371**	0
Lake	1,919	0	3,756	71	**5,746**	0
Lassen	2,564	0	5,423	75	**8,062**	0
Los Angeles	0	(59,353)	258,000	18,170	**216,817**	0
Madera	0	(3,630)	5,869	0	**2,239**	0
Marin	0	(18,482)	7,885	0	**0**	(10,597)
Mariposa	0	(18)	2,206	0	**2,188**	0
Mendocino	3,479	0	8,137	115	**11,731**	0
Merced	5,694	0	10,892	0	**16,586**	0
Modoc	859	0	2,916	0	**3,775**	0
Mono	0	(30)	9,127	0	**9,097**	0
Monterey	206	0	15,309	0	**15,515**	0
Napa	0	(7,577)	5,127	0	**0**	(2,450)
Nevada	735	0	4,696	0	**5,431**	0
Orange	0	(10,825)	82,790	0	**71,965**	0
Placer TPA	0	(16,056)	12,217	0	**0**	(3,839)
Plumas	367	0	3,263	0	**3,630**	0
Riverside	0	(13,972)	73,760	0	**59,788**	0
Sacramento	24,029	0	42,577	0	**66,606**	0
San Benito	0	(14,123)	3,008	0	**0**	(11,115)
San Bernardino	0	(18,583)	84,196	39,745	**105,358**	0
San Diego	0	(21,008)	95,249	0	**74,241**	0
San Francisco	1,548	0	22,290	13,752	**37,590**	0
San Joaquin	0	(4,756)	23,373	26,000	**44,617**	0
San Luis Obispo	0	(1,490)	16,303	2,800	**17,613**	0
San Mateo	16,776	0	22,224	0	**39,000**	0
Santa Barbara	1,643	0	18,479	0	**20,122**	0
Santa Clara	0	(29,968)	51,911	0	**21,943**	0
Santa Cruz	0	0	8,602	0	**8,602**	0
Shasta	0	(2,524)	9,353	494	**7,323**	0
Sierra	28	0	1,612	0	**1,640**	0
Siskiyou	240	0	6,562	0	**6,802**	0
Solano	0	(22,751)	13,728	0	**0**	(9,023)
Sonoma	1,733	0	15,766	0	**17,499**	0
Stanislaus	0	0	16,482	0	**16,482**	0
Sutter	0	(529)	3,734	0	**3,205**	0
Tahoe RPA	0	(636)	1,845	0	**1,209**	0
Tehama	10,279	0	4,765	136	**15,180**	0
Trinity	1,990	0	3,452	0	**5,442**	0
Tulare	386	0	20,646	0	**21,032**	0
Tuolumne	1,722	0	3,772	0	**5,494**	0
Ventura	80,977	0	26,880	0	**107,857**	0
Yolo	0	(2,400)	7,951	7,700	**13,251**	0
Yuba	3,602	0	3,007	0	**6,609**	0
Statewide Regional	208,656	(273,056)	1,263,407	122,326	**1,361,934**	(40,601)
Interregional	0	(118,059)	421,135	9,000	**312,076**	0
TOTAL	208,656	(391,115)	1,684,542	131,326	**1,674,010**	(40,601)

Statewide SHA Capacity	**1,758,767**
Statewide PTA Capacity	**(84,757)**
Total	**1,674,010**

2024 STIP FUND ESTIMATE
Table 5 - Calculation of Targets and Shares - Maximum
($ in thousands)

County	Net Carryover		2024 STIP Estimated Share through 2031-32			
	Unprogrammed Balance	Balance Advanced	Formula Distribution	Add Back Lapses 2021-22 & 2022-23	**Net Share (Maximum)**	Net Advance
Alameda	6,217	0	179,761	13,125	**199,103**	0
Alpine	0	(14)	5,155	0	**5,141**	0
Amador	1,678	0	11,676	38	**13,392**	0
Butte	341	0	32,399	0	**32,740**	0
Calaveras	0	(2,292)	13,648	0	**11,356**	0
Colusa	166	0	9,159	100	**9,425**	0
Contra Costa	12,455	0	122,920	0	**135,375**	0
Del Norte	0	(5,670)	8,380	0	**2,710**	0
El Dorado LTC	5,164	0	23,909	0	**29,073**	0
Fresno	10,506	0	131,843	0	**142,349**	0
Glenn	0	(1,102)	9,586	0	**8,484**	0
Humboldt	775	0	34,102	5	**34,882**	0
Imperial	9,078	0	62,272	0	**71,350**	0
Inyo	0	(9,470)	48,898	0	**39,428**	0
Kern	1,500	0	179,582	0	**181,082**	0
Kings	0	(5,797)	24,696	0	**18,899**	0
Lake	1,919	0	15,040	71	**17,030**	0
Lassen	2,564	0	21,716	75	**24,355**	0
Los Angeles	0	(59,353)	1,033,059	18,170	**991,876**	0
Madera	0	(3,630)	23,498	0	**19,868**	0
Marin	0	(18,482)	31,574	0	**13,092**	0
Mariposa	0	(18)	8,832	0	**8,814**	0
Mendocino	3,479	0	32,583	115	**36,177**	0
Merced	5,694	0	43,612	0	**49,306**	0
Modoc	859	0	11,677	0	**12,536**	0
Mono	0	(30)	36,546	0	**36,516**	0
Monterey	206	0	61,301	0	**61,507**	0
Napa	0	(7,577)	20,530	0	**12,953**	0
Nevada	735	0	18,804	0	**19,539**	0
Orange	0	(10,825)	331,500	0	**320,675**	0
Placer TPA	0	(16,056)	48,919	0	**32,863**	0
Plumas	367	0	13,067	0	**13,434**	0
Riverside	0	(13,972)	295,345	0	**281,373**	0
Sacramento	24,029	0	170,482	0	**194,511**	0
San Benito	0	(14,123)	12,042	0	**0**	(2,081)
San Bernardino	0	(18,583)	337,131	39,745	**358,293**	0
San Diego	0	(21,008)	381,387	0	**360,379**	0
San Francisco	1,548	0	89,251	13,752	**104,551**	0
San Joaquin	0	(4,756)	93,589	26,000	**114,833**	0
San Luis Obispo	0	(1,490)	65,279	2,800	**66,589**	0
San Mateo	16,776	0	88,985	0	**105,761**	0
Santa Barbara	1,643	0	73,991	0	**75,634**	0
Santa Clara	0	(29,968)	207,856	0	**177,888**	0
Santa Cruz	0	0	34,442	0	**34,442**	0
Shasta	0	(2,524)	37,451	494	**35,421**	0
Sierra	28	0	6,453	0	**6,481**	0
Siskiyou	240	0	26,275	0	**26,515**	0
Solano	0	(22,751)	54,969	0	**32,218**	0
Sonoma	1,733	0	63,129	0	**64,862**	0
Stanislaus	0	0	65,994	0	**65,994**	0
Sutter	0	(529)	14,950	0	**14,421**	0
Tahoe RPA	0	(636)	7,388	0	**6,752**	0
Tehama	10,279	0	19,080	136	**29,495**	0
Trinity	1,990	0	13,824	0	**15,814**	0
Tulare	386	0	82,671	0	**83,057**	0
Tuolumne	1,722	0	15,102	0	**16,824**	0
Ventura	80,977	0	107,631	0	**188,608**	0
Yolo	0	(2,400)	31,836	7,700	**37,136**	0
Yuba	3,602	0	12,042	0	**15,644**	0
Statewide Regional	208,656	(273,056)	5,058,819	122,326	**5,118,826**	(2,081)
Interregional	0	(118,059)	1,686,273	9,000	**1,577,214**	0
TOTAL	208,656	(391,115)	6,745,092	131,326	**6,696,040**	(2,081)

Statewide SHA Capacity	**7,035,068**
Statewide PTA Capacity	**(339,028)**
Total	**6,696,040**

2024 STIP FUND ESTIMATE
Table 6 - Planning, Programming, and Monitoring (PPM) Limitations
($ in thousands)

	Base				Target	5% PPM Limitation	
County	2020 STIP FY 2024-25	2022 STIP FY 2024-25 - 2026-27	2024 STIP FY 2024-25 - 2027-28	Total FY 2024-25 - 2027-28	2024 STIP FY 2028-29	FY 2024-25 - 2027-28[1]	FY 2028-29
Alameda	11,315	22,035	30,035	63,385	14,859	**3,169**	**743**
Alpine	337	659	861	1,857	426	**93**	**21**
Amador	765	1,495	1,951	4,211	965	**211**	**48**
Butte	2,264	4,403	5,413	12,080	2,679	**604**	**134**
Calaveras	915	1,787	2,280	4,982	1,129	**249**	**56**
Colusa	606	1,183	1,530	3,319	757	**166**	**38**
Contra Costa	7,747	15,118	20,538	43,403	10,161	**2,170**	**508**
Del Norte	565	1,099	1,400	3,064	693	**153**	**35**
El Dorado LTC	1,568	3,062	3,995	8,625	1,976	**431**	**99**
Fresno	8,540	16,670	22,028	47,238	10,899	**2,362**	**545**
Glenn	635	1,239	1,602	3,476	792	**174**	**40**
Humboldt	2,280	4,443	5,698	12,421	2,819	**621**	**141**
Imperial	4,036	7,879	10,405	22,320	5,147	**1,116**	**257**
Inyo	3,152	6,153	8,170	17,475	4,042	**874**	**202**
Kern	11,506	22,452	30,005	63,963	14,844	**3,198**	**742**
Kings	1,687	3,296	4,126	9,109	2,042	**455**	**102**
Lake	990	1,934	2,513	5,437	1,243	**272**	**62**
Lassen	1,449	2,832	3,628	7,909	1,795	**395**	**90**
Los Angeles	68,508	133,672	172,604	374,784	85,396	**18,739**	**4,270**
Madera	1,570	3,067	3,926	8,563	1,943	**428**	**97**
Marin	2,119	4,131	5,275	11,525	2,610	**576**	**131**
Mariposa	593	1,158	1,476	3,227	730	**161**	**37**
Mendocino	2,150	4,191	5,444	11,785	2,693	**589**	**135**
Merced	2,802	5,472	7,287	15,561	3,605	**778**	**180**
Modoc	774	1,512	1,951	4,237	965	**212**	**48**
Mono	2,342	4,571	6,106	13,019	3,021	**651**	**151**
Monterey	4,032	7,873	10,242	22,147	5,067	**1,107**	**253**
Napa	1,395	2,724	3,430	7,549	1,697	**377**	**85**
Nevada	1,199	2,343	3,142	6,684	1,554	**334**	**78**
Orange	21,115	41,195	55,387	117,697	27,403	**5,885**	**1,370**
Placer TPA	2,928	5,706	8,174	16,808	4,043	**840**	**202**
Plumas	865	1,685	2,183	4,733	1,080	**237**	**54**
Riverside	18,432	35,968	49,346	103,746	24,414	**5,187**	**1,221**
Sacramento	10,720	20,919	28,484	60,123	14,093	**3,006**	**705**
San Benito	743	1,451	2,012	4,206	996	**210**	**50**
San Bernardino	21,436	41,832	56,328	119,596	27,868	**5,980**	**1,393**
San Diego	24,241	47,293	63,723	135,257	31,526	**6,763**	**1,576**
San Francisco	5,747	11,202	14,912	31,861	7,378	**1,593**	**369**
San Joaquin	5,820	11,361	15,637	32,818	7,736	**1,641**	**387**
San Luis Obispo	4,274	8,341	10,907	23,522	5,396	**1,176**	**270**
San Mateo	5,848	11,415	14,868	32,131	7,356	**1,607**	**368**
Santa Barbara	4,804	9,374	12,363	26,541	6,116	**1,327**	**306**
Santa Clara	13,406	26,162	34,729	74,297	17,182	**3,715**	**859**
Santa Cruz	2,317	4,522	5,755	12,594	2,847	**630**	**142**
Shasta	2,476	4,822	6,257	13,555	3,096	**678**	**155**
Sierra	411	803	1,078	2,292	534	**115**	**27**
Siskiyou	1,702	3,327	4,390	9,419	2,172	**471**	**109**
Solano	3,511	6,854	9,184	19,549	4,544	**977**	**227**
Sonoma	4,314	8,423	10,548	23,285	5,218	**1,164**	**261**
Stanislaus	4,302	8,394	11,026	23,722	5,456	**1,186**	**273**
Sutter	989	1,931	2,498	5,418	1,236	**271**	**62**
Tahoe RPA	490	956	1,234	2,680	611	**134**	**31**
Tehama	1,261	2,464	3,188	6,913	1,577	**346**	**79**
Trinity	895	1,749	2,310	4,954	1,142	**248**	**57**
Tulare	5,331	10,384	13,813	29,528	6,833	**1,476**	**342**
Tuolumne	987	1,929	2,523	5,439	1,249	**272**	**62**
Ventura	7,114	13,882	17,983	38,979	8,897	**1,949**	**445**
Yolo	2,073	4,047	5,319	11,439	2,632	**572**	**132**
Yuba	759	1,482	2,012	4,253	995	**213**	**50**
							0
Statewide	327,152	638,326	845,232	1,810,710	418,175	**90,536**	**20,909**

[1]Includes PPM shares distributed in the Adopted 2022 STIP

Attachment F: 2024 RTIP Capital Improvement Program - Administrative Draft

KERN COUNCIL OF GOVERNMENTS - 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - ADMINISTRATIVE DRAFT CAPITAL IMPROVEMENT PROGRAM ($ X 1,000)
ADMINISTRATIVE DRAFT - OPTIONS FOR NEW OR REVISED PROGRAMMING BASED ON DRAFT FUND ESTIMATE AND COUNTY SHARE

PROJECT DESCRIPTION	NOTES	PRIORITY	CURRENT AND PROPOSED PHASES				PROJECT TOTAL	KCOG ALL RIP TOTAL	SUMMARY OF ALL FUNDING SOURCES				KCOG RTIP CAPITAL IMPROVEMENT PROGRAM - RIP ONLY							
			ENV	DES	ROW	CON			IIP	KCOG SHARE RIP	OTHER	TOTAL	PRIOR YEAR	2022 STIP CARRYOVER			NEW 2024 RTIP			2024 RTIP
														2024-25	2025-26	2026-27	2027-28	2028-29	MAX SHARE	APDE
PLANNING, PROGRAMMING & MONITORING							$ 2,591	$ 2,591	$ -	$ 2,591	$ -	$ 2,591		$ 591	$ 500	$ 500	$ 500	$ 500		$ -
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - PROPOSED CAPITAL IMPROVEMENT PROGRAM																				
SR 58/99 – CENTENNIAL CORRIDOR CONNECTOR - EB SR 58 to NB SR 99	***1***	1				●	$ 26,093	$ 24,093	$ -	$ 24,093	$ 2,000	$ 26,093	$ -	$ -	$ -	$ 24,093	$ -	$ -	$ -	$ -	$ -
SR 58/99 – CENTENNIAL CORRIDOR PHASE 2 CONNECTOR - SB SR 99 to WB SR 58	***2***	1		●	●	●	$ 81,800	$ 25,000	$ -	$ 25,000	$ 56,800	$ 81,800	$ -	$ -	$ -	$ -	$ 25,000	$ -	$ -	$ -	$ -
SR 58 CENTENNIAL CORRIDOR MAINLINE **AB 3090 ALLOCATIONS**	***3***	1	●	●	●	●	$ 63,211	$ 63,211	$ -	$ 63,211	$ -	$ 63,211	$ 63,211	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4B	***4***	2	●	●	●	●	$ 40,503	$ 6,000	$ -	$ 6,000	$ 34,503	$ 40,503	$ 6,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4C	***5***	2	●	●	●	●	$ 38,050	$ 13,995	$ -	$ 13,995	$ 24,055	$ 38,050	$ 13,995	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 ANTELOPE GRADE TRUCK CLIMBING LANE EXTENSION	***6***	2				●	$ 2,451	$ 1,456	$ -	$ 1,456	$ 995	$ 2,451	$ 1,456	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 204 / HAGEMAN FLYOVER	***7***	B	●	●	●	●	$ 84,002	$ 2,686	$ -	$ 2,686	$ 81,316	$ 84,002	$ 2,686	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 58 TRUCK CLIMBING LANES	***8***	B	●				$ 3,200	$ 2,272	$ -	$ 2,272	$ 928	$ 3,200	$ 2,272	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
LONE PINE TOWN REHABILITATION	***9***	B				●	$ 3,701	$ 3,400	$ -	$ 3,400	$ 301	$ 3,701	$ -	$ -	$ -	$ 3,400	$ -	$ -	$ -	$ -	$ -
APDE PROJECTS (ADVANCE PROJECT DEVELOPMENT ELEMENT)																				
NO APDE PROJECTS IDENTIFIED	**10**						$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL FOR 2024 RTIP SUBMITTAL							**$345,602**	**$144,704**	**$ -**	**$144,704**	**$200,898**	**$345,602**	**$ 89,620**	**$ 591**	**$ 27,993**	**$ 25,500**	**$ 500**	**$ 500**	**$ -**	**$ -**

REGIONAL EQUITY ANALYSIS							
METRO VS COUNTYWIDE		CURRENT CUMMULATIVE		PROPOSED 2024 STIP		2024 CUMMULATIVE	
METROPOLITAN BAKERSFIELD		$235,449	60%	$0	0%	**$ 235,449**	56%
COUNTYWIDE NON-METRO		$156,658	40%	$29,400	100%	**$ 186,058**	44%
TOTALS		$392,107	100%	$29,400	100%	$ 421,507	100%

SHARE ESTIMATES	TOTAL	60%	40%
MINIMUM SHARE	$31,505	$18,903	$12,602
MAXIMUM SHARE	$46,349	$27,809	$18,540
APDE	$0		

NOTE 1: SR 58/99 CENTENNIAL CORRIDOR LOOP WAS ADDED AS PART OF 2022 STIP AMENDMENT.

NOTE 2: CALTRANS IS REQUESTING $7.520 MILLION RIP FOR SR 58/99 CENTENNIAL CORRIDOR PHASE 2 CONNECTOR - SB SR 99 TO WB SR 58 DESIGN AND RIGHT OF WAY ($4.020 MILLION REQUIRED TCEP MATCH). $25 MILLION RIP (FINANACIAL CONTRIBUTION ONLY) ABOVE FOR CONSTRUCTION ($25 MILLION INFRA APPLICATION SUBMITTED AND TO SUBMIT $14.9 MILLION TCEP APPLICATION)(TOTAL CONSTRUCTION $64.9 MILLION).

NOTE 3: THE AB 3090 ALLOCATION PAYMENTS WERE APPROVED BY THE CTC ON OCTOBER 17, 2019. ALL ALLOCATIONS HAVE BEEN RECEIVED. THIS PROJECT IS UNDER CONSTRUCTION.

NOTE 4: SR 46 WIDENING SEGMENT 4B IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 5: SR 46 WIDENING SEGMENT 4C IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 6: SR 46 ANTELOPE GRADE TRUCK CLIMBING LANE EXTENSION WAS ADDED WITH 2022 STIP AMENDMENT AND INCLUDES BOTH STIP ($1.456 MILLION) AND NON-STIP ($595,000) COVID FUNDING. TOTAL COVID $2.051 MILLION.

NOTE 7: SR 204 / HAGEMAN FLYOVER WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.686 MILLION) AND NON-STIP ($2.565 MILLION) COVID FUNDING. TOTAL COVID $5.251 MILLION.

NOTE 8: SR 58 TRUCK CLIMBING LANES WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.272 MILLION) AND NON-STIP ($928,000) COVID FUNDING. TOTAL COVID $3.2 MILLION. FUTURE PHASES TO BE FUNDED WITH SHOPP AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 9: INYO COUNTY IS REQUESTING $3.400 MILLION RIP (FINANCIAL CONTRIBUTION ONLY) FOR LONE PINE TOWN REHABILITATION IN FY 25/26.

NOTE 10: APDE OPTIONS ARE OUTLINED IN STIP GUIDELINES AND DEPENDENT ON OUTER YEAR CAPACITY. PROPOSED APDE ACTIVITY IS CONSIDERED AN ADVANCE OF FUTURE RIP SHARES. THERE IS NO APDE ESTIMATE.

Attachment G: Summary of Memorandum of Understanding Projects

2022 STIP		FY	IIP	Inyo	Kern	Mono	Total	Status
Kern	North Mojave 4-Lane	Actual Exp.	$ 27,402	$ 6,850	$ 27,403	$ 6,851	$ 68,506	Constructed
		Formula	$ 27,402	$ 6,851	$ 27,402	$ 6,851	$ 68,506	
Inyo	Olancha Cartago	Actual Exp.	$ 67,607	$ 41,487	$ 13,793	$ 15,043	$ 137,930	In progress
	Environmental	07/08	$ 3,748	$ 3,748	$ 937	$ 937	$ 9,370	Completed
	Design	12/13	$ 2,924	$ 2,924	$ 731	$ 731	$ 7,310	Completed
	ROW	14/15	$ 11,320	$ 11,320	$ 2,830	$ 2,830	$ 28,300	In progress
	Construction	21/22	$ 49,615	$ 23,495	$ 9,295	$ 10,545	$ 92,950	In progress
		Formula	$ 55,172	$ 55,172	$ 13,793	$ 13,793	$ 137,930	
Inyo	Olancha Cartago Arch	Actual Exp.	$ 2,000	$ 2,000	$ 500	$ 500	$ 5,000	In progress
		18/19	$ 2,000	$ 2,000	$ 500	$ 500	$ 5,000	
		Formula	$ 2,000	$ 2,000	$ 500	$ 500	$ 5,000	
Mono	High Point	Actual Exp.	$ 597	$ 150	$ 150	$ 597	$ 1,494	Constructed
	Environmental	02/03	$ 541	$ 135	$ 135	$ 541	$ 1,352	
	Design	07/08	$ 56	$ 15	$ 15	$ 56	$ 142	
		Formula	$ 598	$ 149	$ 149	$ 598	$ 1,494	
Kern	Inyokern	Actual Exp.	$ 1,240	$ 310	$ 1,240	$ 310	$ 3,100	Shelved
	Environmental	02/03	$ 1,240	$ 310	$ 1,240	$ 310	$ 3,100	
		Formula	$ 1,240	$ 310	$ 1,240	$ 310	$ 3,100	
Kern	Freeman Gulch Enviro	Actual Exp.	$ 779	$ 195	$ 779	$ 195	$ 1,948	Completed
	Environmental	02/03	$ 779	$ 195	$ 779	$ 195	$ 1,948	
		Formula	$ 779	$ 195	$ 779	$ 195	$ 1,948	
Kern	Freeman Gulch Seg. 1	Actual Exp.	$ 5,520	$ 24,866	$ 5,520	$ 8,982	$ 44,888	Completed
	Design	12/13	$ 1,000	$ 250	$ 1,000	$ 250	$ 2,500	Completed
	ROW	14/15	$ 4,520	$ 1,130	$ 4,520	$ 1,130	$ 11,300	Completed
	Construction	16/17	$ -	$ 23,486	$ -	$ 7,602	$ 31,088	Completed
		Formula	$ 17,955	$ 4,489	$ 17,955	$ 4,489	$ 44,888	
Kern	Freeman Gulch Seg. 2	Actual Exp.	$ 1,481	$ -	$ 1,960	$ 260	$ 3,701	30% Design
	Design	18/19	$ 1,481	$ -	$ 1,960	$ 260	$ 3,701	In Progress
	ROW	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
	Construction	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
		Formula	$ 1,480	$ 370	$ 1,480	$ 370	$ 3,701	
Kern	Freeman Gulch Seg. 3	Actual Exp.	$ -	$ -	$ -	$ -	$ -	Not Started
	Design	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
	ROW	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
	Construction	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
Total Expended		Actual Exp.	$ 106,626	$ 75,858	$ 51,345	$ 32,738	$ 266,567	
		Formula	$ 106,627	$ 69,536	$ 63,300	$ 27,105	$ 266,567	
		Difference	$ (1)	$ 6,322	$ (11,955)	$ 5,633		

2024 Regional Transportation Improvement Program (RTIP)

WORKSHOP 4
(Repeat of Workshop 3)

Wednesday, September 13, 2023

Time: 10:00 AM to 11:00 AM

Location: Hybrid

In-person in Kern COG Board Room

Teleconference via Go To Meeting

Kern Council of Governments

TOPICS FOR DISCUSSION

- CTC Fund Estimate
- Administrative Draft Capital Improvement Program
- Update on MOU Programming
- Review of remaining timeline

Questions or comments?
Please contact:

Raquel Pacheco
rpacheco@kerncog.org
661-635-2907

KERN COUNCIL OF GOVERNMENTS

GRANTFINDER DEMONSTRATION WORKSHOP

September 13, 2023 1:30pm to 2:30pm PST via Microsoft TEAMS and in-person at Kern Council of Governments. The speakers will be presenting remotely.

GrantFinder is an easily searchable grants database housing over 10,000 unique federal, state, corporate, and foundation grant opportunities. In this webinar you'll learn how to search for applicable opportunities, create custom grant alerts emails based on your projects, and track grant deadlines on your calendars.

Kern COG has contracted on behalf of Kern COG and its member agencies for up to 25 licensed users of GrantFinder software (www.grantfinder.com) for the period May 31, 2023 through May 30, 2024. That allows one user for Kern COG and two users per member agency.

Kern COG member agencies identify their own personnel to hold a GrantFinder license. Agency personnel set their own login and passwords. Agencies manage their own grant searches and applications.

Speakers: Matt Wilson, Customer Success Manager, 469-731-0797

Carrie Schneider, GrantFinder Sr. Account Executive, 469-553-0641

Contact: Linda Urata, 661-635-2904 or 661-342-8262

GRANT FINDER

How to join the meeting!

Please join the meeting in person in the Kern COG Board Room (1401 19th Street, Suite 300, Bakersfield) OR from your location via online access.

Join Microsoft TEAMS meeting on your computer, mobile app or room device

Click here to join the meeting

Meeting ID: 240 149 387 068

Passcode: RffgFM

Download Teams | Join on the web

Or call in (audio only)

+1 323-813-7062,56323021# United States, Los Angeles

Phone Conference ID: 563 230 21#

Find a local number | Reset PIN

Learn More | Meeting options

GrantFinder License Request

Licensed User #1

Agency _____

Department _____

First Name _____

Last Name _____

Title _____

Cell Phone _____ Work Phone _____

Email _____

Optional: Licensed User #2

Agency _____

Department _____

First Name _____

Last Name _____

Title _____

Cell Phone _____ Work Phone _____

Email _____

Manager's Name and Title _____

Manager's Signature & Date _____

Kern Council of Governments has contracted for up to 25 licensed users of GrantFinder Software (www.grantfinder.com) for the period June 2022 through May 2023. We will renew the license to extend to May 2024.

Kern COG will administer the contract and reserve two licenses for its use. The remaining licenses will be issued as follows: (a) up to 2 per member agency. Any remaining licenses will be issued as follows: (b) Public Transit Agencies in Kern County. All requests considered on a case-by-case basis and are subject to the approval of the Executive Director. The licenses will be issued annually, pending renewal of the contract between Kern COG and GrantFinder. Agencies assigned a license by Kern COG must comply with GrantFinder user agreements and may be asked to renew their request to Kern COG annually. Contact Linda Urata, 661-635-2904 with any questions regarding this program.

Please return this form to Linda Urata via email: lurata@kerncog.org

28 August 2023

RIDESHARE 2023

Help us celebrate RIDESHARE WEEK 2023

October 2-6

for your chance to win a BICYCLE donated by Snider's Cyclery

Help to improve air quality by committing to one of the following options during Rideshare Week!

- Carpool
- Vanpool
- Take the Bus
- Ride the Train
- Scooter
- Telecommute
- Bicycle
- Roller Skate
- Skateboard

For a chance to win, REGISTER AT CommuteKERN.ORG

Click the **Rideshare Week button** on the home page.
Create your profile and start logging your trips.

Each trip logged during **October 2-6** gives you an added chance to win a BICYCLE and other great prizes.

Snider's Cyclery

San Joaquin Valley Air Pollution Control District

Kern Council of Government

Kern Transit

GET bus — Golden Empire Transit District

CommuteKERN

BikeBakersfield.org — Bicycling for Everyday Transportation

CommuteKERN.org
661-868-RIDE

RIDESHARE 2023

Ayúdenos a Celebrar la SEMANA de VIAJE COMPARTIDO 2023

Octubre 2-6

para su oportunidad de ganar una BICICLETA donada por Snider's Cyclery

¡Ayúdenos a mejorar la calidad del aire comprometiéndose a una de las siguientes opciones durante la Semana de Viaje Compartido!

- **Carpool**
- **Vanpool Tome el**
- **Autobús**
- **Tome el Tren**
- **Scooter**
- **Teletrabajo**
- **Bicicleta**
- **Patín de Ruedas**
- **Patineta**

Para la oportunidad de ganar, ¡REGÍSTRESE EN CommuteKERN.ORG

Haga clic en el botón **Rideshare Week** en la página de inicio.Cree su perfil y empieze a registrar sus viajes.

Cada viaje registrado del **2 al 6 de octubre** le da una oportunidad adicional de ganar una BICICLETA de y Otros premios.

Snider's Cyclery

San Joaquin Valley Air Pollution Control District

Kern Council of Government

Kern Transit

GET bus — Golden Empire Transit District

CommuteKERN

BikeBakersfield.org — Bicycling for Everyday Transportation

CommuteKERN.org
661-868-RIDE

Due to the cancelation of the September Transportation Planning Policy Committee meeting, below is the new unmet transit needs public hearing information.

Wanted: Your Comments on Unmet Transit Needs

Kern Council of Governments

For information, please call 661-635-2900 or visit: www.kerncog.org

Fifteen transit systems throughout the Kern region work every day to get their riders where they need to go. But sometimes transit needs slip through cracks in the pavement. Perhaps you're living somewhere no transit service runs. Or maybe the closest bus stop is a mile away. Every year, Kern Council of Governments invites the public to talk about what unmet transit needs they have.

Mail your comments to the address listed below or call us at the number above. You can even e-mail us at ienriquez@kerncog.org by October 13,2023. If nothing else, attend the public hearing and talk to our Board directly to let us know how transit can work better for you. We'd really like to know.

What:	Unmet Transit Needs Public Hearing
When:	6:30 p.m. October 19, 2023
Where:	Kern COG Boardroom 1401 19th St., Suite 300 Bakersfield, CA 93301

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

WEDNESDAY | AUG 30 | 6-7 PM

MEET-UP LAMONT BRANCH LIBRARY
8304 SEGRUE RD, LAMONT

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

FRIDAY | SEPT 01 | 6-7 PM

MEET-UP OLD ISABELLA COFFEE COMPANY
5104 LAKE ISABELLA BLVD SUITE D, LAKE ISABELLA

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

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KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

SATURDAY | SEPT 02 | 9-10 AM

MEET-UP BARKER PARK
1280 POPLAR AVE, WASCO

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

TUESDAY | SEPT 05 | 6-7 PM

MEET-UP LAS PALMAS PARK

WALNUT STREET NORTH OF BEAR MOUNTAIN BOULEVARD, ARVIN

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

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KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

SATURDAY | SEPT 09 | 6-7 PM

MEET-UP DELANO BRANCH LIBRARY

925 10TH AVE, DELANO

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

TUESDAY | SEPT 12 | 6-7 PM

MEET-UP BUTTONWILLOW LIBRARY
101 N MAIN ST, BUTTONWILLOW

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

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KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

THURSDAY | SEPT 14 | 6-7 PM

MEET-UP MCFARLAND LIBRARY
500 W KERN AVE, MCFARLAND

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

SATURDAY | SEPT 16 | 6-7 PM

MEET-UP RATHBUN LIBRARY

200 W CHINA GRADE LOOP, BAKERSFIELD

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

TUESDAY | SEPT 19 | 6-7 PM

MEET-UP TAFT LIBRARY
27 COUGAR CT, TAFT

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

KATA
KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

THURSDAY | SEPT 21 | 6-7 PM

MEET-UP TONY'S FIREHOUSE PIZZA
300 E LERDO HWY, SHAFTER

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

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KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

SATURDAY | SEPT 23 | 6-7 PM

MEET-UP BALSITIS PARK

7140 LANDIS DR, CALIFORNIA CITY

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

TUESDAY | SEPT 26 | 6-7 PM

MEET-UP MARICOPA CITY HALL
400 CALIFORNIA ST, MARICOPA

SCAN FOR ROUTE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

CYCLING COMMUNITY

MONTHLY COMMUNITY RIDE

THURSDAY | SEPT 28 | 6-7 PM

MEET-UP LOST HILLS COMMUNITY CENTER
14688 LOST HILLS RD, LOST HILLS

ROUTE DETAILS ON-SITE

BIKEBAKERSFIELD.ORG/SAFE-ROUTES

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes, and the Kern Council of Governments. This program is funded by an Active Transportation Program Grant through the California Transportation Commission.

AGENDA
KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

WEDNESDAY, OCTOBER 4, 2023 AT 10:00 A.M.

PRIMARY MEETING LOCATION:	**SECONDARY MEETING LOCATIONS (for Teleconference):**
Kern Council of Governments, Board Room **1401 19th Street, Suite 300** **Bakersfield, CA 93301**	**City of California City – City Hall** **21000 Hacienda Blvd** **California City, California 93505**
TTAC GoToMeeting Information (Teleconference): https://www.gotomeet.me/KernCOG/ttacmeeting Dial +1 (786) 535-3211 Access Code: 269-963-557 New to GoToMeeting? Get the app now and be ready when your first meeting starts: https://global.gotomeeting.com/install/269963557	**City of Taft – City Hall** **209 E. Kern Street** **Taft, CA 93268**

I. ROLL CALL:

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of August 2, 2023; ROLL CALL VOTE.

IV. FY 2022-23 TDA STREETS & ROADS CLAIM – CITY OF DELANO (Banuelos)

Comment: According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The City of Delano has submitted a TDA claim which totals $ 620,346.

Action: Review TDA Street & Roads Claim for the City of Delano and recommend approval to the Transportation Planning Policy Committee. ROLL CALL VOTE.

V. **TRANSPORTATION DEVELOPMENT ACT AUDIT COMPLIANCE BY MEMBER AGENCIES** (Napier)

Comment: Kern Council of Governments (COG) recently had a Triennial Performance Audit (Audit) prepared of itself as the Regional Transportation Planning Agency (RTPA) and the twelve transit operators to which it allocates TDA funding for the three-year period ending June 30, 2021. Moore & Associates was selected to complete the Audit.

Action: Information.

VI. **PROPOSED MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEM** (Flickinger)

Comment: During the May 31, 2023 TTAC meeting, a referral was made to staff to research and propose a voluntary multi-jurisdictional pavement management system program for interested local agencies.

Action: Each interested jurisdiction will provide feedback to staff on the attached draft documents and if they would consider participation by October 17, 2023.

VII. **2026 REGIONAL TRANSPORTATION PLAN - CAPITAL IMPROVEMENT PROGRAM UPDATE** (Ball)

Comment: Development of the Kern Council of Governments 2026 Regional Transportation Plan requires the review and update of the Capital Improvement Program the 20+ year transportation project listing for the long-range transportation plan.

Action: Provide comments on the Draft 2026 Capital Improvement Program to Kern COG by October 17, 2023 to Rob Ball, rball@kerncog.org or 661-635-2902.

VIII. **FY 2023-24 KERN REGION ESTIMATED TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM (TIRCP) CALL FOR PROJECTS $46,453,489** (Snoddy)

Comment: The Transit and Intercity Rail Capital Program (TIRCP) was created by Senate Bill (SB) 862 (Chapter 36, Statutes of 2014) and modified by 9 (Chapter 710, Statutes of 2015), to provide grants from the Greenhouse Gas Reduction Fund (GGRF) to fund transformative capital improvements that will modernize California's intercity, commuter, and urban rail systems, and bus and ferry transit systems to significantly reduce emissions of greenhouse gases, vehicle miles traveled, and congestion. SB 125 provided additional direction with regards to the funding appropriated in the Budget Act of 2023.

Action: Information.

IX. **FY 2023-24 KERN REGION ESTIMATED ZERO EMISSION TRANSIT CAPITAL PROGRAM (ZETCP) $5,057,036** (Snoddy)

Comment: The Transit and Intercity Rail Capital Program (TIRCP) was created by Senate Bill (SB) 862 (Chapter 36, Statutes of 2014) and modified by 9 (Chapter 710, Statutes of 2015), to provide grants from the Greenhouse Gas Reduction Fund (GGRF) to fund transformative capital improvements that will modernize California's intercity, commuter, and urban rail systems, and bus and ferry transit systems to significantly reduce emissions of greenhouse gases, vehicle miles traveled, and congestion. Also included is a new Zero Emission Transit capital Program (ZETCP).

Action: Information.

X. **MOBILITY INNOVATIONS AND INCENTIVES PROGRAM - STATUS REPORT** (Enriquez)

Comment: To help meet more stringent air standards, Kern COG promotes early deployment of alternative fuel vehicle technologies such as plug-in electric vehicles (EVs) and compressed natural gas-fueled vehicles This report was presented to the TTAC on May 31, 2023 and covers the period May 20, 2023 to September 30, 2023.

Action: Information.

XI. **2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM** (Pacheco)

Comment: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

Action: Information.

XII. **FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AMENDMENT – TIMELINE** (Pacheco)

Comment: Upcoming amendment schedule for next 2023 FTIP Amendment.

Action: Information.

XIII. **CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – SUMMARY OF COMMENTS AND RESPONSES** (Pacheco)

Comment: Nineteen CMAQ applications are under review. Kern COG and TTAC comments were circulated to respective applicants. A summary of comments and responses is being prepared and will be emailed to the TTAC under a separate cover.

Action: Information.

XIV. **PROJECT DELIVERY LETTERS – ATP, CMAQ, RSTP** (Pacheco)

Comment: Per the "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview," Active Transportation Program (ATP), Congestion Mitigation Air Quality (CMAQ), and Regional Surface Transportation Program (RSTP) projects in the current fiscal year need to be submitted for funding authorization by January 31st.

Action: Recommend that the Transportation Planning Policy Committee require the Project Delivery letter be signed by the City Manager or Public Works Director. ROLL CALL VOTE.

XV. **PROJECT ACCOUNTABILITY TEAM REPORT** (Pacheco)

Comment: Kern COG staff to provide the latest updates.

Action: Information.

XVI. ANNOUNCEMENTS

a. 2024 EV Charging Station Blueprint Update (see attached flyer)
b. ATP - Safe Routes for Cyclists in 13 Kern County Disadvantaged Communities – October Community Rides (see attached flyer)
c. KARGO C-CAMS - Kern COG received a Sustainable Communities Climate-Change Adaptation Grant from Caltrans for $3M for a county-wide goods movement study titled the Kern Area Regional Goods-movement Operations (KARGO) Climate-Change Adaptation Mitigation Study (C-CAMS). It's the largest in the state under this program and will start with a Request for Proposals (RFP) process this Fall. Please let staff know of any local qualified consultants that can provide "30% conceptual design" for goods movement climate adaption/resiliency projects that may be interested in submitting a proposal.

XVII. MEMBER ITEMS

XVIII. ADJOURNMENT – The next meeting will be held on November 1, 2023.

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR AUGUST 2, 2023

KERN COG BOARD ROOM/GO TO MEETING
1401 19th Street, Suite 300
BAKERSFIELD, CALIFORNIA

Wednesday
August 2, 2023
10:00 A.M.

SECONDARY MEETING LOCATIONS
(Teleconference):

- City of California City - 21000 Hacienda Blvd, California City, CA 93505
- Arvin City Hall - 200 Campus Drive, Arvin, CA 93203

Chairman Schlosser called the meeting to order at approximately 10:00 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Luis Topete	City of Bakersfield
	Anu Doravari	City of California City
	Ed Galero	City of Delano
	Paul Saldana	City of McFarland
	Travis Reed	City of Ridgecrest
	Alex Gonzalez	City of Shafter
	Craig Jones	City of Taft
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Yolanda Alcantar	County of Kern
	Lorena Mendibles	Caltrans
	Steve Barnes	GET
OTHER:	Gregg Strakaluse	City of Bakersfield
	Aurelio Garcia	City of Wasco
STAFF:	Ahron Hakimi	Rob Ball
	Bob Snoddy	Rochelle Invina-Jayasiri
	Raquel Pacheco	Irene Enriquez
	Karl Davisson	Linda Urata
	Angie Banuelos	

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of May 31, 2023 (June meeting)

There were no comments or questions from the committee members. Mr. Reed made a motion to approve the discussion summary, Ms. Alcantar seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

IV. KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR FY 2023-24 PROGRAM OF PROJECTS

Ms. Enriquez Caltrans State of Good Repair (SGR) Transit Program allocates annual funds from Senate Bill No.1 legislation to the Kern region. Kern COG staff has prepared the fiscal year 2023-24 SGR Program of Projects (POP) totaling 1,547,558

Staff asks for committee to recommend to the Transportation Planning Policy Committee to adopt the fiscal year 2023-24 SGR Program of Projects. Mr. Saldana made a motion to approve the staff recommendation, Mr. Reed seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

Mr. Arnold arrived during this item.

V. TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 2023-24 PROGRAM OF PROJECTS

Ms. Enriquez reported Article 3 funds are used to pay for bicycle and pedestrian safety programs, bicycle parking facilities, and bicycle and pedestrian travel facilities. Approximately $1,076,480 is available for distribution in this funding cycle.

Staff asks for committee to recommend adoption of fiscal year 2023-24 Transportation Development Act Article 3 Program of Projects to the Transportation Planning Policy Committee. Mr. Galero made a motion to approve the staff recommendation. Mr. Arnold seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

VI. FY 2023-24 TDA PUBLIC TRANSIT CLAIM – CITY OF BAKERSFIELD - AMTRAK
FY 2022-23 TDA PUBLIC TRANSIT CLAIM – CITY OF DELANO
FY 2022-23 TDA PUBLIC TRANSIT CLAIM – CITY OF RIDGECREST
FY 2016-17 TDA PUBLIC TRANSIT & STREETS & ROADS CLAIM – CITY OF CALIFORNIA CITY

Ms. Banuelos stated According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The cities of Bakersfield, Delano, Ridgecrest, and California City have submitted TDA claims which total $ 5,113,614.
Staff asked the committee to review TDA Public Transit and Street & Roads Claims for the City of Tehachapi and recommend approval to the Transportation Planning Policy Committee.

There were no comments or questions from the committee members. Mr. Reed made a motion to approve the staff recommendation, Mr. Topete seconded the motion. Ms. Invina-Jayasiri performed a roll call vote and motion carried unanimously.

VII. SUSTAINABLE COMMUNITY GRANTS/COG ASSISTANCE REQUESTS AND FEEDBACK MONITORING DATA - EMAIL REQUESTS DUE TO KERN COG FRIDAY, SEPTEMBER 29, 2023

Mr. Ball states this is an annual opportunity for member agencies to request Kern COG technical assistance to assist in implementing state's SB 375 goals. Assistance may include Available funding for Kern COG technical assistance grants, and staff time support to assist member agencies in applying for the numerous grant resources varies from year to year based on need and resource availability.

This item is for information only. Technical/grant writing and other assistance email requests from member agencies are due to Kern COG by 5 p.m. Friday, September 29, 2023.

VIII. FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AMENDMENT – TIMELINE

Ms. Pacheco announced the upcoming amendment to the 2023 FTIP will include revisions to the State Highway / Regional Choice Program, State Highway Operations and Protection Program, Transit Program, and Non-motorized Program. The amendment documentation will be emailed to the TTAC when the public review period begins August 4th.

This item is for information only.

IX. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

Ms. Pacheco informed the committee this is the monthly update on the activity related to the 2024 Regional Transportation Improvement Program. Staff is circulating the 2024 RTIP Capital Improvement Program – baseline version 2, based on current project updates. Staff attended the CTC 2024 STIP Fund Estimate and Guidelines Workshop on July 19th. The schedule in the staff report was updated to reflect the schedule in the draft STIP guidelines. The latest draft fund estimate is attached to the staff report. The final fund estimate and STIP guidelines are expected to be adopted at the August 16-17 CTC meeting. Staff is preparing for the August 23rd 2024 RTIP workshop where the 2024 RTIP administrative draft capital improvement program will be presented.

This item is for information only.

X. CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – STATUS UPDATE

Ms. Pacheco reported Kern COG received a total of 19 applications, requesting $49.2 million in CMAQ funding. A CMAQ application summary and applications received were posted on July 25th to the Kern COG website. The TTAC peer review comments are due September 8th. Comments received will be circulated to the respective applicant. Responses from the applicants will be discussed at the TTAC subcommittee review workshop tentatively scheduled for October 11th at 10:00 AM.

This item is for information only. The deadline for TTAC comments is September 8th.

XI. REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP) – STATUS UPDATE

Ms. Pacheco reported Kern COG received a total of 19 applications by the deadline, requesting $27.2 million in RSTP funding. Kern COG staff will review applications received and develop the RSTP Program of Projects.

This item is for information only.

XII. PROJECT ACCOUNTABILITY TEAM REPORT

Ms. Pacheco provided highlights which include: Item 1. TDA Article 3 invoices should be submitted to Bob Snoddy. Item 2. As of the writing of the staff report, the Caltrans Local Assistance Delivery report showed 149.7% delivery for CMAQ and RSTP in the Kern region. As of today, member agencies have now delivered 157.6%, thanks to Bakersfield and Ridgecrest. Item 3. Reminder that the score card for CMAQ/RSTP/ATP projects shows 80% authorized. This calculation includes the two ATP projects totaling $6 million that requested CTC time extensions. Item 4. The fiscal year 23/24 project list is provided to remind agencies to deliver early.

This item is for information only.

XIII. ANNOUNCEMENTS

a. Ms. Pacheco reminded the 2024 RTIP Workshop 3 – August 23, 2023 (See attached flyer for information).

b. Ms. Invina-Jayasiri shared the flyer of upcoming Bike Maintenance Clinics and Rides for August. This is an ATP funded program awarded to Kern COG from ATP Cycle 5 and Bike Bakersfield is assisting with the program.
c. Mr. Snoddy shared that Kern COG will be receiving transit funding through the Transit and Intercity Rail Capital Program (TIRCP) and the Zero Emission Transit Capital Program (ZETCP). More information to follow.

XIV. MEMBER ITEMS

- Chairman Schlosser asked members status of project bids. City of Tehachapi's have been receiving 20-30% higher. Several members agreed that they have received increase bids as well.
- Ms. Mendibles stated their were 29 Clean California Cycle 2 Applications received and reminded Reconnecting Communities applications are due September 20th.
- Mr. Jose de Alba introduced himself as a contact for ITS for District 6 and will find out who his counterpart for in District 9. He also added the ramp metering along SR 58 and SR 99 have been turned on.
- Mr. Saldana reported that their Clean CA Transportation award has a ribbon cutting in July, and completed design for new Transit Center.

XV. ADJOURNMENT – Meeting adjourned at 10:49 am. The next meeting will be held on September 6, 2023 (may be dark).

Kern Council of Governments

IV.
TTAC

October 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Angelica Banuelos, Administrative Assistant

SUBJECT: TTAC AGENDA ITEM: IV.
FY 2022-23 TDA STREETS & ROADS CLAIM – CITY OF DELANO

DESCRIPTION:

According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The City of Delano has submitted a TDA claim which totals $ 620,346.

DISCUSSION:

Kern COG staff has received and reviewed the following TDA Streets & Roads claim by the September 22, 2023, TTAC agenda deadline:

Claimants	LTF	STAF	TOTAL
FY 2022-23 Streets & Roads City of Delano	$ 620,346	$ 0	$ 620,346
Regional Claims Total	$ 620,346	$ 0	$ 620,346

This claim has been evaluated in accordance with the following criteria: 1) Conformance with the Regional Transportation Plan; 2) Participation in the California Driver Pull Notice Program; 3) Adherence to the applicable farebox return ratio; and 4) Compliance with PUC Section 99314.6 Operations qualifying Criteria. Staff recommends approval.

ACTION: Review TDA Street & Roads Claim for the City of Delano and recommend approval to the Transportation Planning Policy Committee. ROLL CALL VOTE.

Kern Council of Governments

V.
TTAC

October 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

BY: Becky Napier, Deputy Director

SUBECT: TTAC AGENDA ITEM: V.
TRANSPORTATION DEVELOPMENT ACT AUDIT COMPLIANCE BY MEMBER AGENCIES

DESCRIPTION:

Kern Council of Governments (COG) recently had a Triennial Performance Audit (Audit) prepared of itself as the Regional Transportation Planning Agency (RTPA) and the twelve transit operators to which it allocates TDA funding for the three-year period ending June 30, 2021. Moore & Associates was selected to complete the Audit.

DISCUSSION:

The Audit is designed to be an independent and objective evaluation of Kern COG as the designated RTPA for Kern County and the twelve transit operators to which it allocates TDA funding.

The Triennial Performance Audit includes five elements:
1. Compliance requirements,
2. Follow-up of prior recommendations,
3. Analysis of internal goal setting and strategic planning efforts, and
4. Review of the RTPA's functions and activities, and findings and recommendations.

One of the findings in the Audit that initiated the writing of this staff report was the following:
1. Several operators within Kern COG's jurisdiction were delinquent in their TDA fiscal audits or submitted the audits late.

After discussion with Kern COG's auditing firm, Brown Armstrong, who conducts the TDA audits of the member agencies on behalf of Kern COG, the following information was received:

For FY 2021-22, Brown Armstrong has completed the following TDA Audits:

1. CTSA/NOR
2. Tehachapi
3. Ridgecrest
4. California City
5. Delano

Work is in progress for the following and they are expected to be completed by this month. They were mainly on hold for want of City's audited ACFR:

1. Arvin
2. Bakersfield
3. County of Kern
4. Wasco

No information has been received from Maricopa or Taft. They are pending as Brown Armstrong still needs to complete their previous years' audits. Taft City Manager, Craig Jones, is working with a firm to bring Taft's information up to date. Brown Armstrong is in contact with the City of McFarland to complete the pending audits and work is in progress on FY 2018 and 2019. These are expected to be caught up this year.

The consequences of not having TDA Audits completed through FY 2021-22 are as follows:

1. Transit claims by member agencies cannot be processed for FY 2023-24.
2. Streets and Roads claims by member agencies cannot be processed for FY 2023-24.
3. This may result in General Fund dollars being utilized to operate the transit system.

ACTION: Information.

Kern Council of Governments

VI.
TTAC

October 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rob Ball, Planning Director
Ed Flickinger, Regional Planner III

SUBJECT: TTAC AGENDA ITEM: VI.
PROPOSED MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEM

DESCRIPTION:

During the May 31, 2023 TTAC meeting, a referral was made to staff to research and propose a voluntary multi-jurisdictional pavement management system program for interested local agencies.

DISCUSSION:

Background - The 2022 results of the biennial Statewide Local Streets and Roads survey were presented at the May 31, 2023 TTAC. The survey showed a slight decrease in pavement condition from the prior survey 2 years earlier, however some of the jurisdictions lacked staff resources to fully respond to the survey. Preventive maintenance is crucial to roadway and bridge longevity. More information can be found on http://www.savecaliforniastreets.org along with the 2022 report and previous reports. To get more accurate and consistent survey responses and tracking data, a Pavement Management System (PMS) could be implemented to help maintain proper road conditions and stretch limited road maintenance funds. This is especially important for smaller jurisdictions with high staff turnover rates.

Potential Participants - Kern COG staff conducted interviews with each Kern jurisdiction on their needs for a PMS. A summary of the interviews is in Attachment 1. Eight out of 12 local jurisdictions expressed initial interest in Kern COG exploring a regional contract for a PMS similar to the 9 local jurisdictions that participated in the Local Roads Safety Plans regional agreement and contract. A Draft Multi-Jurisdictional Agreement is included as Attachment 2 and a Draft Request for Proposal (RFP) is included as Attachment 3. The draft scope of work was taken from a multi-jurisdictional PMS project performed by Fresno COG in 2018, in which 9 of their 16 jurisdictions participated. The following jurisdictions have shown some interest in a regional PMS program: **Arvin, California City, Maricopa, McFarland, Shafter, Taft, Tehachapi,** and **Wasco**, however all jurisdictions would have the option to participate.

Regional PMS Software Details – Several local jurisdictions, including Bakersfield, use the Streetsaver program (https://www.streetsaver.com/) for their PMS. Originally developed for the U.S. Army Corps of Engineers, the software is relatively inexpensive at $1000/yr. (+add-ons) and is proposed to be included in the RFP. By providing the Streetsaver program, each participating city will benefit from a more uniform

comparability of data and a community of users to get help on the use of the software. The software provides total system Pavement Condition Index (PCI), which has good, fair, and poor ranges, with the best being 100 and the worst being 0. Streetsaver predicts the maintenance that needs to be done for each street segment. When a certain type of treatment is done and entered into Streetsaver, the PCI is adjusted for both the street segment and the total system. Lately, the City of Bakersfield prioritizes street maintenance based on PCI under 25, environmental concerns, type of cracks, severity, liability risks, facility type, speeds, traffic counts, future traffic, complaints, how often visited already for maintenance, and depreciations in roadway. It can also be used to prioritize preventive maintenance. Pavement condition is also a federal performance measure, and such a program would be strongly supported by both state and federal transportation oversight agencies.

Potential RSTP Funding Source - If all 12 jurisdictions participate, approximately $3.4M funding would be needed. This cost estimate is based on Fresno COG's winning consultant's estimate from 2018, which is $546/centerline mile. If the 8 jurisdictions that expressed initial interest participate, that amount would be reduced to $290,000 in funding needed. Staff proposes that the funding come from off-the-top of the Regional Surface Transportation Program (RSTP) funds similar to how the regional traffic count program is funded at $79,677 annually in off-the-top RSTP funding. However, the first funding will not become available till the next RSTP cycle in FY26/27. But since the funding is needed earlier, we could submit the request 1-year earlier so that it would not count against our region's share of RSTP. If funding is requested annually, requesting the funds 1-year early could be done each year. However, if the program does not expend its RSTP 1-year early, it would count against the region's RSTP share in the next fiscal year. Table 1 shows the centerline miles of all Kern jurisdictions totaling 6,293.47 from the Caltrans 2021 California Public Road Data report, which was derived internally. The table also shows cost by jurisdiction based on $546/centerline mile. By improving road conditions in all participating jurisdictions, the cost to maintain roads in that jurisdiction should decrease over time as fewer roadways need to be re-built, potentially stretching the limited RSTP funds available for road maintenance.

Table 1 – Centerline Miles and Cost by Jurisdiction

JURISDICTION	CENTERLINE MILES	COST
ARVIN*	45.04	$ 24,596.73
BAKERSFIELD	1313.56	$ 717,346.28
CALIFORNIA CITY*	152.00	$ 83,008.49
DELANO	126.23	$ 68,935.28
KERN COUNTY	4196.55	$ 2,291,771.63
MARICOPA*	10.38	$ 5,668.61
MCFARLAND*	34.93	$ 19,075.57
RIDGECREST	126.10	$ 68,864.28
SHAFTER*	115.78	$ 63,228.44
TAFT*	47.24	$ 25,798.17
TEHACHAPI*	55.12	$ 30,101.50
WASCO*	70.54	$ 38,522.49
TOTAL	6293.47	$ 3,436,917.46

*Jurisdictions indicating potential to participate

Option 1: Complete full scope of services from the sample RFP in Attachment 3 as a 1-time contract. One-time $290,000 to $3,440,000 over 2 years depending on the number of participating jurisdictions.

Option 2: Over 5 years, complete the full scope of services except for Task 3 – Field Survey. Instead, complete 1/5th of the field survey annually with the option to re-negotiate the contract every 5 years. Annual $58,000 to $688,000 for 5-years with option to renew at 5-year intervals.

Task 3: Conduct pavement condition field survey - The consultant will inspect the maintained roadways and assess the roadway conditions. The assessment will conform to industry standards. Roadway condition information is entered into the jurisdictions' software database accordingly.

Timeline:

Agreements by participants' councils	January 25, 2024
Kern COG board approval	February 15, 2024
Request for Proposals Released	March 1, 2024
Contract start	July 1, 2024
Contract end	June 30, 2025

Attachments – 1) Local jurisdiction interview summaries;
2) Draft MOU;
3) Draft RFP

ACTION: Each interested jurisdiction will provide feedback to staff on the attached draft documents and if they would consider participation by October 17, 2023.

Attachment 1

Local Jurisdiction Interview Summaries

Shafter - Alex Gonzalez from Shafter said that PCI is a lot more in depth for each road than the visual inspection compared to what Kern COG personnel experienced for HPMS between 20 to 35 years ago. He said that they do not survey all of their roads in Shafter very often for their own purposes, because it is too much staff time. He said that for the biannual survey they will usually just take into account where an area had been improved and may often not degrade other locations. He said trying to survey all of the roads biannually is very difficult, in a two-year span. They might only be able to get 2-3 major projects done, and in that amount of time, the degradation to other roads is not usually significant unless there are external factors that are causing issues. He feels that every 5 years for this survey might be a more realistic timeframe to see significant improvements or degradation. 1-2 projects over two years would likely only marginally affect the PCI of their citywide road network.

He would consider having a consultant do a pavement management system in the same manner that a safety plan was done and that it would not take away any of their other funding to pay for that. Each city in that case applied for a grant and only had to provide a 10% match.

Delano - Ed Golero from Delano said that PCI is simple for him as a visual inspection. He feels that the biannual survey is simple because of that.

He would consider having a consultant do a pavement management system in the same manner that a safety plan was done. Given that no grants are available for that, he would be open for RSTP or other funds be used in the same manner as the traffic count program.

Bakersfield - Navdip Grewal from Bakersfield has considerable experience with pavement management and has offered to help out the other LOCAL AGENCIES as time allows.

Wasco - Kameron Arnold from Wasco said that they have a pavement management system, but it is complicated. He would like something simpler and less expensive.

Arvin - Christine Viterelli from Arvin said the consultant QK prepared a pavement management plan for Arvin. However, Arvin does not have pavement management software.

Ridgecrest - Travis Reed from Ridgecrest is pleased with their consultant and the analysis they do on their road conditions. They load it to Arc GIS.

Kern County - Yolanda Alcantra from the County of Kern has a similar contract to Ridgecrest with their consultant for 5 years.

Taft - Craig Jones from Taft said they are doing their own pavement management system. They would be open to assistance with a group consultant, but do not know how they would fund it.

California City, Tehachapi, Maricopa, McFarland - Joe Barrigan from California City, Jay Schlosser from Tehachapi, and Eric Ziegler from Maricopa would like to participate in group effort similar to the safety plans, but do not know how they would fund the consultant. Adam Cabrera from McFarland expressed similar interest.

Summary:

Each jurisdiction that would consider having a consultant do a pavement management system in the same manner that a safety plan was done, would do so if it would not take away any of their other funding to pay for that. For the safety plans, each city in that case applied for a grant (which Kern COG helped direct them to) and only had to provide a 10% match.

Attachment 2

D R A F T

MEMORANDUM OF UNDERSTANDING

Kern Regional Multi-Jurisdictional Pavement Management Systems

THIS MEMORANDUM OF UNDERSTANDING is made and entered into this_____ day of _____, 2023 by and among the CITY OF ARVIN, CITY OF CALIFORNIA CITY, CITY OF MARICOPA, CITY OF MCFARLAND, CITY OF SHAFTER, CITY OF TAFT, CITY OF TEHACHAPI, and the CITY OF WASCO (“LOCAL AGENCIES” herein) charter governments of the State of California, and the KERN COUNCIL OF GOVERNMENTS ("KERN COG" herein), a Joint Powers Agency formed pursuant to the California Government Code.

R E C I T A L S

WHEREAS, California Government Code Section 6502 authorizes cities and counties to enter into agreements for their mutual benefit; and

WHEREAS, LOCAL AGENCIES, and KERN COG have a compelling and mutual interest in developing Multi-jurisdictional Pavement Management Systems (PMSs) among participating LOCAL AGENCIES; and

WHEREAS, LOCAL AGENCIES, and KERN COG recognize that consolidated development effort of PMSs will benefit the citizens of the LOCAL AGENCIES by reducing local agency staff requirements, improving the efficiency of local government, providing greater consistency, better quality; and

AGREEMENT

NOW, THEREFORE, BE IT UNDERSTOOD AND AGREED by PARTICIPATING LOCAL AGENCIES, and KERN COG that:

1. The foregoing recitals are true and correct, and are adopted into this contract as if set forth in full.

2. KERN COG will access local funds from LOCAL AGENCIES identified in this MOU through invoices sent directly to LOCAL AGENCIES.

3. The table below reflects the estimated costs to the LOCAL AGENCIES per centerline mile for KERN COG to hire a consultant that will develop individual PMSs.

CITY	CENTERLINE MILES	COST
ARVIN	45.04	$ 24,596.73
CALIFORNIA CITY	152.00	$ 83,008.49
MARICOPA	10.38	$ 5,668.61
MCFARLAND	34.93	$ 19,075.57
SHAFTER	115.78	$ 63,228.44
TAFT	47.24	$ 25,798.17
TEHACHAPI	55.12	$ 30,101.50
WASCO	70.54	$ 38,522.49
TOTAL	531.03	$ 290,000.00

4. Should the consultant contract be less than total estimated costs concurrently with approval of consultant contract, the MOU amounts shall be prorated according to final amount of consultant contract including match.

5. LOCAL AGENCIES and KERN COG agree that KERN COG will act as lead agency on managing the PMS consulting contract. Utilizing the previously-identified funds, Kern COG shall hire a consultant to develop PMS documents for the LOCAL AGENCIES.

6. LOCAL AGENCIES and KERN COG agree that KERN COG staff will require member agency staff to participate in the consultant selection process and product development to ensure quality PMSs for each city.

7. The failure of any party to enforce against another a provision of this Agreement shall not constitute a waiver of that party's right to enforce such a provision at a later time, and shall not serve to vary the terms of this Agreement.

8. All notices relative to this Agreement shall be given in writing and shall be personally served or sent by certified or registered mail and be effective upon actual personal service or depositing in the United States mail. The parties shall be addressed as follows, or at any other address designated by notice:

CITY: CITY OF ARVIN
City Clerk
200 Campus Drive
Arvin, CA 93203

CITY: CITY OF CALIFORNIA CITY
City Clerk
21000 Hacienda Blvd.
California City, CA 93505

CITY: CITY OF MARICOPA
City Clerk
400 California Street
Maricopa, CA 93252

CITY: CITY OF MCFARLAND
City Clerk
401 West Kern Street
McFarland, CA 93250

CITY: CITY OF SHAFTER
City Clerk
336 Pacific Avenue
Shafter, CA 93263

CITY: CITY OF TAFT
City Clerk
209 East Kern Street
Taft, CA 93268

CITY: CITY OF TEHACHAPI
City Clerk
115 South Robinson Street
Tehachapi, CA 93561

CITY: CITY OF WASCO
City Clerk
746 8th Street
Wasco, CA 93280

KERN COG: KERN COUNCIL OF GOVERNMENTS
1401 19th Street, Suite 300
Bakersfield, CA 93301

9. This Agreement sets forth the entire Agreement between the parties and supersedes all other oral or written representations. This Agreement may be modified only in a writing approved by the City Councils and the Kern Council of Governments, Board of Directors.

10. Any services of LOCAL AGENCIES or KERN COG are provided as independent contractors. No party is an agent or employee of any other party for any purpose and is not entitled to any of the benefits provided by any party to its employees. This Agreement shall not be construed as forming a partnership or any other association between LOCAL AGENCIES, and KERN COG other than that of an independent contractor.

11. No party shall be liable to any other party for any loss, damage, liability, claim or cause of action for damage to or destruction of property or for injury to or death of persons arising from any act or omission of the other party's officers, agents, or employees. Further, no party is liable to any other party for loss or inaccuracy of data. Each party is encouraged to have current backup storage of all data and other relevant information. Further, no party is liable to any other party for any damage to information or equipment, which results from the transfer of data.

12. A party against whom any claim arising from any subject matter of this Agreement is filed shall give prompt written notice of the filing of the claim to all other parties.

13. This Agreement is effective upon execution. It is the product of negotiation and, therefore, shall not be construed against any party.

14. Any party to this Memorandum of Understanding may terminate its participation in the activities herein described upon thirty (30) days' written notification to the other parties. Termination by one party does not terminate the agreement between the remaining parties.

----------o0o----------

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed, the day and year first-above written.

"CITY of ARVIN" ***

RECOMMENDED AND APPROVED
AS TO CONTENT:

_____
City Manager *or Mayor/Council Member*
City of ARVIN

_____
Public Works Director
City of ARVIN

APPROVED AS TO FORM:

_____
Legal Counsel

[Remainder of page left blank intentionally]

***Each participating city will have their own signature page.

Attachment 3

D R A F T

REQUEST FOR PROPOSALS

CONSULTANT SERVICES FOR MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEMS

Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301
(661) 635-2900

Additional background information on this Request for Proposals can be found on the Kern COG website:
www.kerncog.org
Refer to tab:
"Working with Kern COG"

D R A F T

REQUEST FOR PROPOSALS
CONSULTANT SERVICES FOR
MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEMS

MARCH 1, 2024
PROPOSALS DUE: APRIL 19, 2024

INTRODUCTION AND BACKGROUND

Kern Council of Governments (Kern COG) requests proposals from qualified consultants for multi-jurisdictional pavement management systems (PMSs).
The project will commence from July 1, 2024, through June 30, 2025. The amount of the contract is not to exceed $290,000 through June 30, 2025.

Kern COG is a state-designated public agency with regional transportation planning responsibilities that cross city-county boundaries. There are twelve member jurisdictions represented by Kern COG. Due to funding constraints, pavement maintenance and repair has been limited in the Kern region, especially in the rural communities. The average pavement condition index (PCI) for the entire region was reported with PCI at 65 in 2020 and has decreased to 63 in 2022.

The passing of SB 1, the Road Repair and Accountability Act of 2017, provide a reliable source of funds for local governments to maintain their multi-modal transportation system. It enables the communities to catch up with the maintenance needs that were not met due to historical funding issues. To manage the SB 1 funding more efficiently, a pavement management system is highly desirable for local governments to assess the roadway conditions, create an inventory of maintenance and repair needs, estimate the costs, develop a prioritization list and plan the budget accordingly. Additionally, the PMS will be able to serve as a great communication tool between the local government staff, elected officials and the residents about the needs of the community as they plan, prioritize, design and construct the improvement projects.

Kern COG has allocated funds to develop the Multi-jurisdictional PMS for eight local governments within the Region that currently do not have such a program in place or want to improve the one that they have. By assisting these agencies with the creation of a pavement management system, the entire Region will have the resource available to them to prioritize roadway improvements and better manage their pavement investments. By providing this tool to local agencies that need the system, Kern COG will provide a consistent pavement management platform in the region that will help local jurisdictions plan and manage the roadway repair and maintenance more efficiently. The eight local governments that do not currently have a pavement management system or want to improve it include: Arvin, California City, Maricopa, McFarland, Shafter, Taft, Tehachpai, and Wasco. The Region has selected MTC's StreetSaver Program as the platform for the Multi-jurisdictional PMS. Here is the breakdown of the estimated street centerline miles for each of the eight LOCAL AGENCIES:

CITY	CENTERLINE MILES
ARVIN	45.04
CALIFORNIA CITY	152
MARICOPA	10.38
MCFARLAND	34.93
SHAFTER	115.78
TAFT	47.24

CITY	CENTERLINE MILES
TEHACHAPI	55.12
WASCO	70.54

PURPOSE AND OBJECTIVES OF THE PROPOSAL

Below is a sample scope of work to provide more detail on what Kern COG staff is looking for in this proposal sample scope of work is provided to give proposers an idea of Kern COG's expectations for this project. It is anticipated that the final scope of work for this project will be a product created through the negotiation process with changes based upon the professional input from the selected consultant.

The successful consultant(s) will work closely with Kern COG and participating city staff to prepare PMSs for each participating city.

SCOPE OF SERVICES

The multi-jurisdictional PMS will include individual pavement management systems for each of the eight local governments mentioned above. The consultant will help the eight local governments set up the StreetSaver program, conduct initial pavement assessment, calculate PCI, provide cost estimates for proposed maintenance treatments, train the local staff, and provide analysis and system reports. The first year license fees for the StreetSaver program for each of the eight entities are included in the cost of the project. The scope of work to be performed by the consultant is specified below in the "TASKS":

TASKS:

Task 1: Collect roadway network data from the LOCAL AGENCIES and create appropriate database for each of the eight LOCAL AGENCIES
Work with Kern COG and local government staff (including any contract consultants) to collect the network data for the maintained roadways, and create the individual databases compatible with StreetSaver for the LOCAL AGENCIES.

Task 2: Obtain StreetSaver software and license, and work with local agency staff to install StreetSaver for each of the eight LOCAL AGENCIES

Task 3: Conduct pavement condition assessment and input the data into the StreetSaver program The consultant will inspect the maintained roadways, and assess the roadway conditions. The assessment will conform to industry standards. Roadway condition information is entered into the StreetSaver accordingly.

Task 4: Calculate Pavement Condition Index (PCI) and produce a system report for each of the eight LOCAL AGENCIES
Calculate PCI for each roadway segment using StreetSaver criteria. Work with agency staff to propose the treatment/rehabilitation options for needed roadway maintenance and improvement for the next 5-10 years. Produce a report for each of the eight LOCAL AGENCIES that provide a description of existing condition, estimation of maintenance needs, analysis of multiple cost scenarios with forecast PCI, etc.

Task 5: Provide training for the local agency staff
A minimum of two trainings will be provided to the local agency staff. At a minimum, one training will be on-site. Training will include but not limited to: overview of how StreetSaver works, how to update input, how to calculate PCI, how to perform budget scenario analysis, etc.

Task 6: Develop a User's Manual for the Multi-jurisdictional PMS
The consultant will develop a User's Manual with step-by-step instruction on how to use the StreetSaver Program.

Task 7: Presentation of the Multi-jurisdictional PMS to Kern COG's Transportation Technical Advisory Committee (TTAC) and the Transportation Planning Policy Committee (TPPC)
The consultant will present the final PMS to Kern COG's TTAC and TPPC. The TTAC meetings are on the morning of the first Wednesday of the month, and the TPPC meeting is on the evening of the third Thursday of the month.

Task 8: Project Planning and Coordination
A monthly progress report should be provided to the project manager along with the invoice. The progress report should provide information on the work that has been completed previous month, and the work expected to be conducted in the coming month. A brief summary should be provided each month reporting the progress of each task (percent completion) and whether the task is on schedule and on budget. A monthly meeting/conference call should be held between the consultant and the project manager to discuss the progress of the project and issues that need to be addressed.

COORDINATION

The consultant will take primary direction from the Kern COG Project Manager. It is intended that all work will be completed within **Twelve** months of negotiating a contract in accordance with the schedule component and that the consultant's work will begin immediately upon receiving a notice to proceed.

The selected consultant will best demonstrate the ability to deliver quality work on schedule and in a cost- effective manner, consistent with the tasks and deliverables in this RFP.

File copies of all correspondence, technical memoranda and reports should be delivered to the Kern COG Project Manager on CD or file in MS Office 365.

All data, maps and all other materials prepared or collected under this contract will become the property of Kern COG.

SCHEDULE

Activity	**Date**
Request for Proposals Released	March 1, 2024
Last Day to Submit Written Questions	April 10, 2024
Deadline for Proposal Submittal	April 19, 2024
Selection Process/Interviews	April 19, 2024 – May 3, 2024
Kern COG Board Approval	June 20, 2024
Notice to Proceed	June 21, 2024

These dates are subject to change; schedule updates and more information about Kern COG RFPs will be posted on the Kern COG website:
http://www.kerncog.org/category/working-with-kern-cog/request-for-proposals/

PROPOSAL REQUIREMENTS

Proposal content and completeness are important Clarity and conciseness are essential and will be considered in assessing the proposer's capabilities. A review committee will screen all consultant proposals submitted in response to this request.

One (1) reproducible, five (5) copies, and one (1) electronic copy of the proposal must be received at Kern Council of Governments no later than April 19, 2024, at 4:00 p.m. Proposals received later than that date and time will not be considered.

1. Provide contact and email address

Proposers will provide a contact person and email address to be used in responding to questions and for notification of updated RFP information.

2. Proposal Organization

In order to simplify the review process and maximize the degree of comparative analysis, the proposal should be organized in the following manner:

A. Transmittal letter

The transmittal letter should be signed by an official authorized to bind the consultant contractually and will contain a statement to the effect that the proposal is a firm offer for 90 days. The letter accompanying the proposal will also provide the following: name, title, address, and telephone number of individuals with the authority to negotiate and contractually bind the company. The transmittal shall contain a statement of understanding of the RFP.

B. Table of Contents

Include identification of the material by section and page number.

C. Overview

This section should clearly convey the Consultant's understanding of the nature of the work and the general approach to be taken to its performance. This section should include, but not be limited to, a discussion of the purpose of the project, the organization of the project effort, and a summary of the proposed approach.

D. Detailed Work Plan

The prospective contractor will provide a schedule for completing the project, within the schedule set forth in this RFP. The schedule shall identify the major tasks to be undertaken and the time frame for each task.

This section should include the following components:

i. Task Description

Include a full description of each step to be followed. The work description should be presented in sufficient detail (tasks, subtasks, etc.) to show a clear understanding of the work and the proposed approach.

ii. Deliverables

Please provide a description of the format, content, and level of detail that can be expected for each deliverable.

iii. Schedule

A schedule showing the expected sequence of tasks, subtasks, etc. should accompany the work description. Important milestones should be identified on the schedule.

E. Management Approach

This section should describe the firm's management approach. If the proposal is a team effort, the distribution of work among the team members should be indicated. Describe the organization of the management, the structure of the work assignments, and any specific features of the management approach that require special explanation. No substitutions of the identified project manager will be allowed without prior approval of Kern COG's Project Manager.

Include the name and qualifications of all professional personnel to be employed, and a resume for each professional. Staffing assignments should be specific enough to demonstrate understanding of skills required and commitment of proper resources. The selected consultant will not substitute members of the project team without prior approval of the Kern COG's Project Manager.

F. Budget and Billing Format

Under various circumstances the budget could be subject to Pre-audit and/or the final cost subject to Post-audit by Kern COG or Caltrans' Division of Audits and Investigations. Whether individual items of cost can be allowed will be determined by 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31 et seq. The Contractor will also be required to comply with 49 CFR, Part 18, and Uniform Administrative Requirement for Grants and Cooperative Agreements to State and Local Governments. The contractor should have an accounting system capable of segregating direct cost from indirect costs per the above cited regulations. The Contractor and Subcontractors will comply with all applicable laws and maintain books, documents, papers, and accounting records for a period of three years from the date of final payment.

i. Project Budget

A maximum of $290,000.00 has been budgeted for consultant services for this project for the fiscal year 2024/2025.

ii. Estimated Costs for Tasks

Provide hourly rates for each task category including a breakout of overhead rates. Provide a detailed description of each task in the project description section of the proposal. The budget total should equal $290,000.00 in fiscal year 2024/2025. Hourly rates and the total hours available may vary depending on staff working on the project.

iii. Budget and Cost Breakdown

a. Direct Labor Costs – A schedule of billing rates by employee or category of employee is required of the prime contractor and all subcontractors. Billing rates shall be based on actual pay rates and should cover all costs associated with the employee (salary, benefits, and anticipated cost of living and/or merit increases during the term of the contract). Depending on the individual cost structure, overhead may be applied as a component of the billing rate or applied separately. The proposer should be prepared to validate billing rates with payroll registers, wage agreements, or other payroll documentation.

b. Overhead Rates – The overhead rate should include all indirect cost not readily assignable to cost objectives specifically benefited. Typically, an overhead rate is calculated on a company or division wide basis by segregating expenses into direct cost and indirect cost categories and then dividing the indirect costs by a direct cost base such as direct labor to arrive at an overhead rate. The overhead rate is then applied on a contract-by-contract basis to recapture the indirect costs that are not chargeable directly to a final objective such as general and administrative, facilities, equipment, supplies, accounting, maintenance, materials, etc. Some cost structures may be broken into various overhead rates that are applied to different bases. The proposer should be prepared to provide supporting documentation such as prior agreements with government agencies or audits of prior year activities to validate overhead rates structures.

c. Direct Cost – Direct costs are those incremental costs that can be identified specifically with a particular final cost objective. Although in some instances direct cost and indirect cost may include similar categories, incremental direct cost attributable to final objectives must be separated and not included in the overhead calculation. All direct cost specifically attributed to the project and not included in the billing rates must be itemized by budget category to be eligible for reimbursement. Once contractually authorized, direct cost budgets may not be substituted without prior written consent of Kern COG.

d. Sub-Consultant Fees – Sub-Consultants must provide the same cost data detail as the prime contractor.

e. Fixed Fee – A fixed fee is calculated as a basis of total direct and indirect costs. State law permits a 10% maximum fee.

G. Insurance Requirements

Without limiting Kern COG's right to obtain indemnification from the consultant or any third parties, the consultant, at its sole expense, shall maintain in full force and affect the following insurance policies throughout the term of the contract:

1) Worker's Compensation in the amount required by law; 2) Commercial general liability insurance, including contractual liability coverage, covering all of its actions under this contract with limits of not less than $2,000,000 combined single limit for bodily injury and property damage or $1,000,000 per person and per occurrence for bodily injury and $1,000,000 per each occurrence for property damage and $2,000,000 aggregate; and 3) Commercial automobile liability coverage with the same limits as the commercial general liability insurance described above, covering all owned, hired, and non-owned

automobiles and any other vehicle or equipment used by Consultant or its agents in performance of this contract.

This insurance shall not be canceled or changed without a minimum of thirty (30) days advance written notice given to Kern COG. The consultant shall provide certification of said insurance to Kern COG within twenty-one (21) days of the date of the execution of the contract. Such certification shall show, to Kern COG's satisfaction, that such insurance coverage has been obtained and are in full force; that Kern COG, its officers, agents, and employees will not be responsible for any premiums on the policies; that as and if required such insurance names Kern COG, its officers agents, and employees individually and collectively as additional insured (comprehensive and general liability only), but only insofar as the operations under the contract are concerned; that such coverage for additional insured shall apply as primary insurance and any other insurance, or self-insurance, maintained by Kern COG, its officers, agents, and employees, shall be excess only and not contributing with insurance provided under the consultant's policies herein; and that this insurance shall not be canceled or changed without a minimum of thirty (days) advance, written notice given to Kern COG.

In the event the consultant fails to always keep in effect insurance coverage as herein provided, Kern COG may, in addition to other remedies it may have, suspend or terminate the contract upon the occurrence of such event.

H. Disadvantaged Business Enterprise (DBE) Certification

It is the policy of Kern COG, the California Department of Transportation and the U.S. Department of Transportation, that Disadvantaged Business Enterprises (DBEs), as defined in 49 CFR Part 23, shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with local, state or federal funds.

Consultant shall ensure that DBEs, as defined in 49 CFR Part 23, have the maximum opportunity to participate in the performance of this contract. In this regard, Consultant shall take all necessary and reasonable steps to ensure that DBEs have the maximum opportunity to compete for and to perform subcontracts arising out of this contract. Failure to carry out the requirements of this paragraph shall constitute a breach of contract and may result in termination of this contract, or such other remedy Kern COG may deem appropriate.

During the period of this contract, the Consultant shall maintain records of all applicable subcontracts advertised and entered germane to this contract, documenting the opportunity given to DBEs to participate in this contract, actual DBE participation, and records of materials purchased from DBE suppliers. Such documentation shall show the name and business address of each DBE subcontractor or vendor, and the total dollar amount actually paid each DBE subcontractor or vendor. Upon completion of the contract, a summary of these records shall be prepared and certified correct by the Consultant and shall be furnished to Kern COG.

I. Conflicts of Interest

The prospective contractor shall disclose any financial, business, or other relationship with Kern COG, or other entities such as the other MPOs involved in this project, that may have an outcome on the selection.

J. Summary of Qualifications

Proposals shall include a summary of the firm's qualifications, including resumes of assigned staff.

K. Signing of Proposal/Authorization to Negotiate

The proposal shall be signed by an official authorized to bind the proposer and shall contain a statement to the effect that the proposal is a firm offer for a 90-day period. The proposal shall also provide the following: name, title, address, and telephone number of individuals with authority to negotiate and contractually bind the company.

L. Attachments

Attachments A, B and C to be included at the end of the proposal are as follows:

- Attachment A: Title VI Assurance
- Attachment B: Budget and Cost Schedule
- Attachment C: Scope of Work

PROPOSAL SUBMITTAL

1. Preparation of Proposal

The proposal shall be formatted in accordance with the requirements specified in the Section titled "Proposal Requirements" of this RFP. Proposal forms shall be executed by an authorized signatory as described herein. All proposals shall be prepared by and at the expense of the proposer.

2. Examination of RFP Document

The proposer shall be solely responsible for examining, with appropriate care, the RFP, including Attachment A and any addenda issued during the proposal period. The proposer shall also be responsible for informing itself with respect to any and all conditions, which may in any way affect the amount or nature of the proposal or the performance of the work in the event the proposer is selected. Failure of the proposer to examine and inform itself in this manner shall be at the proposer's own risk and no relief for error or omission shall be given.

3. Submission of Proposal/Period of Acceptance

One reproducible master, five copies, and one electronic copy of all proposals must be delivered to Kern COG no later than 4:00 p.m., Thursday, April 19, 2024. Proposals will not be accepted after 4:00 p.m. PDT. Postmarks will not be accepted. Proposals should be delivered to:

Ahron Hakimi
Executive Director
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

All proposals will remain firm for a period of ninety (90) days following the final date for submission. All proposals will become the sole property of Kern COG and a part of its official records without obligation on the part of Kern COG.

This RFP is not to be construed as a contract of commitment on the part of Kern COG. Kern COG reserves the right to reject all proposals, to seek additional information from each proposer, or to issue another RFP, if deemed appropriate.

4. Modification or Withdrawal of Proposals

Any proposal received before the date and time specified above for receipt of proposals may be withdrawn or modified by written request of the proposer. To be considered, however, the modified proposal must be received by the proposal due date and time specified previously.

All verbal modifications to these conditions or provisions are ineffective for proposal evaluation purposes. Only written changes issued by proposers to Kern COG are authorized and binding.

5. Rejection of Proposals

Failure to meet the requirements for the Request for Proposals will be cause for rejection of the proposal. Kern COG may reject any proposal if it is conditional, incomplete, or contains irregularities or inordinately high cost rates. Kern COG may waive an immaterial deviation in a proposal. Waiver of an immaterial deviation shall in no way modify the Request for Proposals document or excuse the proposer from full compliance with the contract requirements if the proposer is awarded the contract.

CONSULTANT SELECTION

The actual award of the contract will be by the Kern COG Transportation Planning and Policy Committee (tentatively set for the June 20, 2024, meeting). Proposal opening does not constitute the awarding of a contract. The contract is not in force until it is awarded by Kern COG and executed by the Kern COG designees. A subcommittee of the PSC will evaluate, interview and recommend the selected consultant to the Kern COG Transportation Planning and Policy Committee for approval.

Note that since this contract is for a fixed amount, proposals should explain how their proposal would provide the best value and expertise to assist the participating LOCAL AGENCIES in their pavement management systems.

PROPOSER OBJECTIONS

A proposer may object to any of the terms or provisions set forth in the RFP's Scope of Work or to the selection of a particular proposer on the grounds that Kern COG's procedures, the provisions of this RFP, or applicable provisions of federal, state, or local law have been violated or inaccurately or inappropriately applied by submitting Kern COG a written explanation of the basis for the objection. Deadlines for submittal of objections are:

- No later than two weeks prior to the date proposals are due, for objections to RFP provisions; or
- Within three working days before the date on which the contract award is authorized for objections to proposer selection.

If the proposer does not state any objections, Kern COG will assume that the RFP Scope of Work is acceptable to the proposer and has been fully factored into the firm's response. If the proposer intends to negotiate with Kern COG concerning any part of the Scope of Work the proposer finds objectionable, the proposer must provide specific language in the firm's response that would address or cure its objections.

KERN COG RIGHTS

Kern COG may investigate the qualifications of any proposer under consideration, require confirmation of information furnished by a proposer, and require additional evidence of qualifications to perform the work described in this RFP.

Kern COG reserves the right to:

- Reject any or all of the proposals if it deems such action is in the public interest;
- Issue subsequent Requests for Proposals;
- Cancel the entire Request for Proposal;
- Remedy technical errors in the Request for Proposals process;
- Appoint an evaluation committee to review the proposals and make the selection based upon the written proposal only;
- Seek the assistance of outside technical experts in proposal evaluation;
- Approve or disapprove the use of particular subcontractors;
- Establish a short list of proposers eligible for interviews after review of written proposals;
- Negotiate with some, all, or none of the respondents to the RFP;
- Solicit best and final offers from all or some of the proposers;
- Award a contract to one or more proposers;
- Accept an offer other than the lowest price offer;
- Waive informalities and irregularities in proposals and the bid process; and
- Waive any element of the procurement process it finds convenient.

This RFP does not commit Kern COG to enter into a contract, nor does it obligate Kern COG to pay for any costs incurred in preparation and submission of proposals or in anticipation of a contract. All proposals will be subject to public disclosure as required by the California Public Records Act.

Kern COG reserves the right to investigate the qualifications of all firms under consideration to confirm any part of the information furnished by a proposer, or to require other evidence of managerial, financial, or other capabilities which are considered necessary for the successful performance of the contract.

RFP QUESTIONS

All questions on the RFP should be submitted in writing via email to:

eflickinger@kerncog.org

Ed Flickinger, Project Manager
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

All questions shall be submitted no later than April 10, 2024. Written questions submitted by this date will be answered and posted at http://www.kerncog.org. Refer to tab: "Working with Kern COG."

Attachment A

TITLE VI ASSURANCE

Kern Council of Governments, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d-4 and Title 49, Code of Federal Regulations, department of Transportation, Subtitle A, Office of the Secretary, Part 21 Nondiscrimination in Federally Assisted Programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority businesses enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or nation origin in consideration of an award.

Attachment B

BUDGET AND COST SCHEDULE TEMPLATE

	(Name) *(Role)*		*(Name)* *(Role)*		*(Name)* *(Role)*			
TASKS	*(Hourly Billing Rate)*		*(Hourly Billing Rate)*		*(Hourly Billing Rate)*		**Total Task Hours**	**Total Task Cost**
Task	**Hours**	**Cost**	**Hours**	**Cost**	**Hours**	**Cost**		
Tasks Subtotal								

Direct Costs

Direct Cost		**Amount**
Direct Costs Subtotal		

Subconsultants

Subconsultants		**Total Cost**
Subconsultants Subtotal		

PROPOSAL GRAND TOTAL		

ATTACHMENT C

MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEMS

SCOPE OF WORK

The Scope of Services from above is a SAMPLE Scope of Work, developed by staff to give a clearer picture of the product we expect from this contract. Consultants are encouraged to modify and make improvements based on their professional expertise and best judgment. Please avoid unenforceable, vague and superlative language in your proposal scope of work to facilitate incorporation into the final contract. Focus on clearly describing the deliverables to eliminate ambiguous language and facilitate contract enforceability. Thank you.

Kern Council of Governments

VII. TTAC

October 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rob Ball, Planning Director
Rochelle Invina-Jayasiri, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VII.
2026 REGIONAL TRANSPORTATION PLAN - CAPITAL IMPROVEMENT PROGRAM UPDATE

DESCRIPTION:

Development of the Kern Council of Governments 2026 Regional Transportation Plan requires the review and update of the Capital Improvement Program the 20+ year transportation project listing for the long-range transportation plan.

DISCUSSION:

The Kern Council of Governments (Kern COG) is in the beginning stages of developing the 2026 Regional Transportation Plan (2026 RTP). The 24-year planning horizon is tentatively set for 2026 through 2049. The federally required action element (Ch. 5) for the Plan includes a multi-modal transportation project listing, or Capital Improvement Program (CIP) developed in two parts: the financially constrained list (Table 5.1) and the financially unconstrained list (Table 5.2). The multi-modal Table 5.1 CIP is more restrictive because these projects are financially constrained. The regionally significant transportation projects—major roadway capacity adding projects—are required to be included in the federal Air Quality Conformity document, the accompanying environmental document, and the numerous accountability performance measures to be provided for the RTP. Improvements in Table 5.2 are not various analyses because they are not financially constrained.

This draft CIP will be sent through the TTAC and Transportation Planning Policy Committee (TPPC) in October, & November 2023 to request updates from member agency staff. At the November meetings staff will be requesting approval by the Kern COG Board of Directors to move forward and begin updating the air quality conformity modeling network, environmental document analysis, and performance measure updates. As Kern COG staff moves forward with public outreach for the upcoming 2026 RTP, the CIP will continue to be subject to public comments, updates to project listings that have been delivered and other corrections or additions prior to the circulation of the entire document at a future date.

Attachments: Draft 2026 RTP CIP Project Listing - Tables 5.1 & 5.2, and Kern County Subarea Summary

ACTION: Provide comments on the Draft 2026 Capital Improvement Program to Kern COG by October 17, 2023 to Rob Ball, rball@kerncog.org or 661-635-2902.

TABLE 5.1 - Constrained Capital Improvement Program

2025 through 2049 - Transit & Other

Project	Location	Scope	YOE Cost
Vanpool	Countywide	Vanpools - build and maintain fleet of 500 Vans by 2040	48,000,000
Park and Ride	Various	Park and Ride Lots (1,500 spaces)	6,000,000
Bus Service	**Metro Bkd**	**Full size alternative fuel buses**	**232,500,000**
		Full size alternative fuel buses - 120 replacement buses	
		Full size alternative fuel buses - Fixed Rtes - 130 new buses	
		Full size alternative fuel buses - Bus Rapid Transit) - 24 new buses	
		Full size alternative fuel buses - Express Service) - 36 new buses	
Bus Service	**Countywide**	**Full, midsize and mini-van size alternative fuel buses**	**34,700,000**
		Full size alternative fuel buses - Express Service - 10 new buses	
		Midsize alternative fuel buses - 120 replacement buses	
		Midsize alternative fuel buses - 120 new buses	
		Mini van / buses) - 45 replacement buses	
Bus Service	Metro Bkd	2 Transit Maintenance Stations	60,000,000
Bus Service	Metro Bkfd	3 transfer stations	15,000,000
ITS	Countywide	ITS related improvements / upgrades	3,000,000
Aviation	Countywide	Capital, Maintenance and Operational Improvements	48,000,000
Passenger Rail	Rosamond	Metrolink extension - Palmdale/Lancaster to Rosamond	112,000,000
Passenger Rail	Bakersfield	Amtrak Station - Phase II	13,000,000
Passenger Rail	Bakersfield	High Speed Rail Station - Bakersfield	50,000,000
Passenger Rail	Region	High Speed Rail Alignment and Facilities Fresno to Bakersfield	1,000,000,000
Passenger Rail	Shafter/Wasco	High Speed Rail Heavy Maintenance Facility	450,000,000
		Sub-total	**$2,072,200,000**

2025 through 2049 - Hwy Operational Improvements

Project	Location	Scope	YOE Cost
HOV Lanes	**Bakersfield**	**Various State Rtes - HOV lanes**	**149,000,000**
		Westside Parkway - Heath Rd and Stockdale Hwy to SR 58 at Fairfax	
		State Rte 178 - Existing west freeway terminus to Oswell Street	
HOV Ramps	**Bakersfield**	**Install HOV Ramps and metering improvements at various locations**	**148,000,000**
		SR 99 Interchange at Snow Rd - HOV Ramp Metering	
		SR 99 Interchange at Olive Drive - HOV Ramp Metering	
		SR 99 Interchange at Rosedale Hwy - HOV Ramp Metering **COMPLETE**	
		SR 99 Interchange at California Ave - HOV Ramp Metering	
		SR 99 Interchange at Ming Ave- HOV Ramp Metering	
		SR 99 Interchange at White Lane- HOV Ramp Metering	

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Hwy Operational Improvements (Continued)

Project	Location	Scope	YOE Cost
		SR 99 Interchange at Panama Lane- HOV Ramp Metering	
		SR 99 Interchange at SR 119 - HOV Ramp Metering	
		SR 58 Interchange at Oak Street - HOV Ramp Metering	
		SR 58 Interchange at H-Chester Ave - HOV Ramp Metering **COMPLETE**	
		SR 58 Interchange at Union Av - HOV Ramp Metering **COMPLETE**	
		SR 58 Interchange at Cottonwood Rd - HOV Ramp Metering	
		SR 58 Interchange at Mount Vernon - HOV Ramp Metering	
		SR 58 Interchange at Oswell Street - HOV Ramp Metering	
		SR 58 Interchange at Fairfax Rd - HOV Ramp Metering	
		SR 58 Interchange at Weedpatch Hwy - HOV Ramp Metering	
		SR 178 Interchange at SR 204 - HOV Ramp Metering	
		SR 178 Interchange at Beale Avenue - HOV Ramp Metering	
		SR 178 Interchange at Haley Street - HOV Ramp Metering	
		SR 178 Interchange at Mount Vernon Street - NOV Ramp Metering	
		SR 178 Interchange at Oswell Street - HOV Ramp Metering	
		SR 178 Interchange at Fairfax Rd - HOV Ramp Metering	
		SR 178 Interchange at Morning Drive - HOV Ramp Metering	
		West Beltway Interchange at 7th Standard Rd - HOV Ramp Metering	
		West Beltway Interchange at Olive Drive - HOV Ramp Metering	
		West Beltway Interchange at Rosedale Hwy - HOV Ramp Metering	
		West Beltway Interchange at Stockdale Hwy - HOV Ramp Metering	
		West Beltway Interchange at Ming Avenue - HOV Ramp Metering	
		West Beltway Interchange at White Lane - HOV Ramp Metering	
		West Beltway Interchange at SR 119 - HOV Ramp Metering	
		Sub-total	**$297,000,000**

*the Passenger Rail Program is partially funded through the High Speed Rail Authority and is provided as information. The funding summary includes a portion of $5 billion of the constrained revenue estimates for work expected between Fresno County and Kern County. The constrained amount of $1.5 Billion is for work in the Kern region. The remaining $13 billion is unconstrained for work in the Kern Region and is reflected in Table 5.2. $26 Billion is the current cost estimate.

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized

Project	Location	Scope	YOE Cost	Completed
Various locations	**Countywide**	**Construct Class I, II or Class III Bike Path; striping; signage**	**$85,500,000**	
Arvin - complete streets	Incorporated	Campus Dr (Grapevine Dr to Varsity Rd) .5 mi.		2023
Arvin - class I shared use path	Incorporated	North City Path (Bear Mtn Bl to Varsity Av) .5 mi.		
Arvin - class II bike ln	Incorporated	A St (Olson Wy to 5th Av) 1.1 mi.		
Arvin - class II bike ln	Incorporated	Haven Dr (Comanche Dr to Tejon Hwy) 1. mi.		
Arvin - class II bike ln	Incorporated	Mark St (Comanche Dr to Walnut Dr) .2 mi.		
Arvin - class II bike ln	Incorporated	Meyer St (Hwy 223 to Sycamore Rd) 1. mi.		
Arvin - class II bike ln	Incorporated	N Comanche St (Bear Mountain Rd to Varsity Av) .5 mi.		
Arvin - class II bike ln	Incorporated	Olsen St (A St to Meyer St) .5 mi.		
Arvin - class II bike ln	Incorporated	SR 223 (Malovich Rd to Tejon Hwy) .5 mi.		
Arvin - class II bike ln	Incorporated	Sycamore Rd (Towerline Rd to Tejon Hwy) 1. mi.		
Arvin - class II bike ln	Incorporated	Tejon Hwy (Hwy 223 to Burkett Bl) 2.5 mi.		
Arvin - class II bike ln	Incorporated	Varsity Av (Campus Dr to Tejon Hwy) 1. mi.		
Arvin - class II bike ln	Incorporated	Walnut Dr (W Sycamore Rd to Alderete Dr) 1.2 mi.		
Arvin - class II bike ln	County Area	E Bear Mountain Bl/223 (S Comanche Dr to Weedpatch Hwy) 4.1 mi.		
Arvin - class II bike ln	Incorporated	Comanche Dr (Mark St to Sycamore Rd) 1. mi.		2023
Arvin - class II bike ln	Incorporated	E Bear Mtn Bl SR 223 (Comanche to Union) 12.6 mi		2023
Arvin - class II bike ln	Incorporated	Sycamore Rd (Comanche Dr to Tejon Hwy) 1. mi.		2023
Arvin - class II bike ln	Incorporated	Sycamore Rd (Comanche to Rancho Dr) .5 mi.		2023
Arvin - class II bike ln	Incorporated	Varsity Av (N Comanche Dr to Campus Dr) 1. mi.		2023
Arvin - class II buffrd. b/l	Incorporated	Franklin St (Walnut Dr to S Derby St) .8 mi.		2023
Arvin - class III bike rte	Incorporated	5th Av (N Hill St to N A St) .1 mi.		
Arvin - class III bike rte	Incorporated	Campus Dr (Sunset Bl to Richardson/Varsity Rd) .5 mi.		
Arvin - class III bike rte	Incorporated	Grapevine Dr (Campus Dr to N Hill St) .1 mi.		
Arvin - class III bike rte	Incorporated	Meyer St (El Camino Real to Sycamore Rd) .5 mi.		
Arvin - class III bike rte	Incorporated	N Hill St (Grapevine Dr to 5th Av) .1 mi.		
Arvin - class IV cycle trk	Incorporated	Bear Mtn Bl SR 223 (Tejon Hwy to Comanche Dr) 1 mi		
Lamont - class II	County area	Main St/184 (Panama Rd to Di Giorgio Rd) 1 Mile		
Lamont - class II	County area	Weedpatch Hwy/Main St/184 (Di Giorgio Rd to E Bear Mountain Bl) 3 mi.		
Lamont - class II bike ln	County area	Hall Rd (SR 184 to Habecker Rd) .5 mi.		
Bakersfield - C-trans shldr	County Area	Rosedale Hwy (Enos Ln to Heath Rd) 4 mi.		
Bakersfield - C-trans shldr	County Area	Rosedale Hwy (Heath Rd to Mohawk St) 6.9 mi.		2023
Bakersfield - class I	Incorporated	Arvin-Edison Canal Path (Cottonwood Rd to Fairfax Rd) 3.77 mi.		
Bakersfield - class I	Incorporated	Arvin-Edison Canal Path (Stockdale Hwy to Cottonwood Rd) 9.54 mi.		
Bakersfield - class I	Incorporated	Bakersfield Commons Conn. (Coffee Rd to Friant-Kern Canal) 0.44 mi.		
Bakersfield - class I	Incorporated	Buena Vista Canal Path (Ming Av to Taft Hwy) 8.29 mi.		
Bakersfield - class I	Incorporated	Claymore Extension (Eissler St to Piper Wy) 0.11 mi.		
Bakersfield - class I	Incorporated	Columbus Path (Kern River Parkway to Columbus St) 0.37 mi.		
Bakersfield - class I	Incorporated	Emerald Cove Park Path (Vaquero Av to Hageman Rd) 0.23 mi.		
Bakersfield - class I	Incorporated	Friant-Kern Canal (Seventh Standard Rd to Kern River) - 6.1 mi.		
Bakersfield - class I	Incorporated	H St Canal Path (Railroad Bridge to Hwy 99) 7.79 mi.		
Bakersfield - class I	Incorporated	North Rosedale Park Path (Campfire Dr to Jewetta Av) 0.18 mi.		
Bakersfield - class I	Incorporated	Overcrossing (Willow Dr to Rio Mirada) 0.17 mi.		
Bakersfield - class I	Incorporated	Panorama Class I Connecti (Kern River Parkway to Panorama Dr) 0.06 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class I	Incorporated	Park Path (Mountain Oak Rd to Broad Oak Av) 0.19 mi.		
Bakersfield - class I	Incorporated	Rail ROW Path (7th Standard Rd to E. Norris Rd) 2.23 mi.		
Bakersfield - class I	Incorporated	San Dimas Path (36th St to Jeffrey St) 0.43 mi.		
Bakersfield - class I	Incorporated	Truxtun Shared Path link (Coffee Rd to Quailridge Rd) 0.15 mi.		
Bakersfield - class I	County Area	Arvin-Edison Canal (Central Branch Canal to Mount Vernon Av) - 1.3 mi.		
Bakersfield - class I	County Area	Arvin-Edison Canal (S Oswell St to Marion Av) - 1.5 mi.		
Bakersfield - class I	County Area	Beardsley Canal (Fruitvale Av to Manor St) 4 mi.		
Bakersfield - class I	County Area	Buena Vista Rec Area Loop (Lake Buena Vista to Lake Buena Vista) 7.7 mi.		
Bakersfield - class I	County Area	Calloway Canal (Coffee Rd to Hwy 99) 3.8 mi.		
Bakersfield - class I	County Area	Central Branch Canal (E Pacheco Rd to Buckley Av) 0.8 mi.		
Bakersfield - class I	County Area	Central Branch Canal (E Panama Ln to Berkshire Rd) 0.5 mi.		
Bakersfield - class I	County Area	Central Branch Canal (Ming Av to Union Av) 1.3 mi.		
Bakersfield - class I	County Area	East Branch Canal (Belle Terrace to Casa Loma Dr) 0.7 mi.		
Bakersfield - class I	County Area	East Side Canal (E Brundage Ln to Panama Rd) 7.9 mi.		
Bakersfield - class I	County Area	East Side Canal (Kentucky St to Fairfax Rd) 2.7 mi.		
Bakersfield - class I	County Area	Lake Evans Loop (Lake Evans to Lake Evans) 2.7 mi.		
Bakersfield - class I	County Area	New Bike Path (Knudsen Dr to SR 99) 0.7 mi.		
Bakersfield - class I	County Area	New Bike Path (Arrow St to May St) 0.6 mi.		
Bakersfield - class I	County Area	New Bike Path (Beardsley Av to Kern River Parkway) 0.5 mi.		
Bakersfield - class I	County Area	Stine Canal (Stockdale Hwy to Belle Terrace) 0.5 mi.		
Bakersfield - class I	County Area	Tupman Path (Enos Ln to Moose St) 5.6 mi.		
Bakersfield - class I	Incorporated	178 Overcrossing (Height St to Mirador Dr) 0.1 mi.		2023
Bakersfield - class I	Incorporated	21st St (Westwind Dr to Kern River Bike Path) 0.06 mi.		2023
Bakersfield - class I	Incorporated	Almondale Pk Shared Path (Meadow Creek St to Verdugo Ln) 0.14 mi.		2023
Bakersfield - class I	Incorporated	Calloway Shared Path (Balvanera Dr to Noriega Rd) 0.28 mi.		2023
Bakersfield - class I	Incorporated	Coffee Rd Path Widening (Truxtun Av to Kern River Parkway) 0.06 mi.		2023
Bakersfield - class I	Incorporated	McInnes - Westwold Path (McInnes Boulevard to Westwold Dr) 0.08 mi.		2023
Bakersfield - class I	Incorporated	NE Bakersfield Path (Paladino Dr to Morning Dr Path) 2.7 mi.		2023
Bakersfield - class I	Incorporated	Polo Park Shared Path (Old Farm Rd to Grazing Av) 0.37 mi.		2023
Bakersfield - class I	County Area	Enos Ln Path (Panama Ln to Buena Vista Rec Area Loop) 4.5 mi.		2023
Bakersfield - class I	County Area	Lake Ming Loop (Kern River Parkway to Campground Rd) 2.6 mi.		2023
Bakersfield - class II	Incorporated	A St/Hughes Ln (California Av to Terrace Wy) 1.26 mi.		
Bakersfield - class II	Incorporated	Allen Rd (Ming Av to White Ln) 1.52 mi.		
Bakersfield - class II	Incorporated	Allen Rd (Pensinger Rd to Hwy 119) 2.75 mi.		
Bakersfield - class II	Incorporated	Allen Rd (Snow Rd to Hageman Rd) 1.89 mi.		
Bakersfield - class II	Incorporated	Auburn St (Morning Dr to Fairfax Rd) 0.92 mi.		
Bakersfield - class II	Incorporated	Baker St (Bernard St to California Av) 1.57 mi.		
Bakersfield - class II	Incorporated	Beale Av (Grace St to 21st St) 1 mile		
Bakersfield - class II	Incorporated	Belle Terrace (Stine Rd to Madison St) 3.04 mi.		
Bakersfield - class II	Incorporated	Bernard St (Chester Av to Mt. Vernon Av) 2.95 mi.		
Bakersfield - class II	Incorporated	Brimhall Rd (Renfro Rd to Allen Rd) 1.01 mi.		
Bakersfield - class II	Incorporated	Buena Vista Rd (Panama Ln to Hwy 119) 2 mi.		
Bakersfield - class II	Incorporated	E. Pacheco Rd (Gasoline Alley to Monitor St) 1.33 mi.		
Bakersfield - class II	Incorporated	Gosford Rd (Harris Rd to McCutcheon Av) 1.5 mi.		
Bakersfield - class II	Incorporated	Hosking Av (Wible Rd to Gosford Rd) 2.99 mi.		
Bakersfield - class II	Incorporated	Hosking Av (Wible Rd to MLK Bl/Cottonwood Rd) 3.03 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class II	Incorporated	Kentucky St (Alta Vista Dr to Mt. Vernon Av) 1.81 mi.		
Bakersfield - class II	Incorporated	Kern Canyon Rd (Masterson St to Morning Dr) 2.66 mi.		
Bakersfield - class II	Incorporated	Knudsen Dr (Olive Dr to Hageman Rd) 0.47 mi.		
Bakersfield - class II	Incorporated	M St (30th St to 17th St) 0.85 mi.		
Bakersfield - class II	Incorporated	Madison St (Belle Terrace to White Ln) 1 mile		
Bakersfield - class II	Incorporated	Masterson St (Hwy 178 to Alfred Harrell Hwy) 1.43 mi.		
Bakersfield - class II	Incorporated	McKee Rd (Ashe Rd to SH 99) 2.76 mi.		
Bakersfield - class II	Incorporated	Ming Av (Oak St to Union Av) 2.03 mi.		
Bakersfield - class II	Incorporated	Mountain Ridge Rd (Panama Ln to Taft Hwy) 2 mi.		
Bakersfield - class II	Incorporated	Mt. Vernon Av (Panorama Dr to Flower St) 2.19 mi.		
Bakersfield - class II	Incorporated	Niles St (Alta Vista Dr to Virginia St) 1.28 mi.		
Bakersfield - class II	Incorporated	Old Farm Rd (Snow Rd to Hageman Rd) 2 mi.		
Bakersfield - class II	Incorporated	Old River Rd (Harris Rd to Taft Hwy) 2.5 mi.		
Bakersfield - class II	Incorporated	Oswell St (Columbus St to City Limits) 0.66 mi.		
Bakersfield - class II	Incorporated	P St (Brundage Ln to Belle Terrace) 0.5 mi.		
Bakersfield - class II	Incorporated	Panama Ln (Dennen St to Colony St) 0.33 mi.		
Bakersfield - class II	Incorporated	Panama Ln (Mountain Vista Rd to Gosford Rd) 1.5 mi.		
Bakersfield - class II	Incorporated	Potomac Av (S. King St to Monticello Av) 0.82 mi.		
Bakersfield - class II	Incorporated	Q St (Columbus St to Hwy 178) 1.12 mi.		
Bakersfield - class II	Incorporated	Reina Rd (Renfro Rd to Verdugo Ln) 2.04 mi.		
Bakersfield - class II	Incorporated	Sillect Av (Buck Owens Boulevard to Kern River Parkway) 1.33 mi.		
Bakersfield - class II	Incorporated	Verdugo Ln (Seventh Standard Rd to Snow Rd) 1 mile		
Bakersfield - class II	Incorporated	White Ln (Union Av to MLK Bl/Cottonwood Rd) 0.99 mi.		
Bakersfield - class II	County Area	Airport Dr (China Grade Loop to Roberts Ln) 1.3 mi.		
Bakersfield - class II	County Area	Airport Dr (Merle Haggard Bl to W China Grade Loop) 1 mi.		
Bakersfield - class II	County Area	Brae Burn Dr (Country Club Dr to College Av) 0.6 mi.		
Bakersfield - class II	County Area	Brimhall Rd (Enos Ln to Superior Rd) 1 mi.		
Bakersfield - class II	County Area	Brimhall Rd (Wegis Av to Rudd Av) 1 mi.		
Bakersfield - class II	County Area	Buena Vista Bl (S Union Av to S Comanche Dr) 9.1 mi.		
Bakersfield - class II	County Area	Decatur St (Airport Dr to Sequoia Dr) 0.3 mi.		
Bakersfield - class II	County Area	E Norris Rd (Roberts Ln to N Chester Av) 2.1 mi.		
Bakersfield - class II	County Area	E Panama Ln (MLK Bl/Cottonwood Rd to S Comanche Dr) 8.1 mi.		
Bakersfield - class II	County Area	Edison Hwy (Washington St to Fairfax Av) 3 mi.		
Bakersfield - class II	County Area	Enos Ln/43 (Rosedale Hwy to Panama Ln) 6 mi.		
Bakersfield - class II	County Area	Fairfax Rd (E Brundage Ln to Redman Rd) 3 mi.		
Bakersfield - class II	County Area	Flower St (Owens St to Mt Vernon Av) 1 mi.		
Bakersfield - class II	County Area	Gilmore Av (Mohawk St to Standard St) 1 mi.		
Bakersfield - class II	County Area	Hageman Rd (Wegis Av to Nord Rd) 0.5 mi.		
Bakersfield - class II	County Area	Knudsen Dr (Norris Rd to Hageman Rd) 0.9 mi.		
Bakersfield - class II	County Area	Kratzmeyer Rd (Santa Fe Wy to Enos Ln) 4.5 mi.		
Bakersfield - class II	County Area	Landco Dr (Calloway Canal to Rosedale Hwy) 0.7 mi.		
Bakersfield - class II	County Area	Merle Haggard Dr (Airport Dr/S Granite Rd to N Chester Av) 1 mi.		
Bakersfield - class II	County Area	Muller Rd (S Owell St to Weedpatch Hwy) 2 mi.		
Bakersfield - class II	County Area	Muller Rd (Weedpatch Hwy to S Comanche Dr) 4 mi.		
Bakersfield - class II	County Area	Niles St (Virginia St to Morning Dr) 3.5 mi.		
Bakersfield - class II	County Area	Norris Rd (Snow Rd to Roberts Ln) 0.7 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class II	County Area	Old Farm Rd (Good Pl to Rosedale Hwy) 0.5 mi.		
Bakersfield - class II	County Area	Palm Av (Heath Rd to Renfro Rd) 1 mi.		
Bakersfield - class II	County Area	Palm Av (Country Breeze & Slikker Dr) (Old Farm Rd to Country Breeze Pl) 1.7 mi.		
Bakersfield - class II	County Area	Panama Rd (Buena Vista Rd to S Oswell St) 9.1 mi.		
Bakersfield - class II	County Area	Panama Rd (Weedpatch Hwy to S Comanche Dr) 4 mi.		
Bakersfield - class II	County Area	Pegasus Rd (Merle Haggard Dr to Norris Rd) 1.8 mi.		
Bakersfield - class II	County Area	Pioneer Dr (Oswell Steet to Morning Dr) 2 mi.		
Bakersfield - class II	County Area	River Bl (Panorama Dr to Bernard St) 1.3 mi.		
Bakersfield - class II	County Area	Roberts Ln (Norris Rd to Washington Av) 0.5 mi.		
Bakersfield - class II	County Area	Roberts Ln (Washington Av to Stanford Dr) 0.7 mi.		
Bakersfield - class II	County Area	Rudd Av (Palm Av to Brimhall Rd) 0.5 mi.		
Bakersfield - class II	County Area	S H St (Taft Hwy to Shafter Rd) 3.2 mi.		
Bakersfield - class II	County Area	Standard St (Rio Mirador Dr to Gilmore Av) 1.1 mi.		
Bakersfield - class II	County Area	Taft Hwy (Heath Rd Extension to Buena Vista Rd) 3 mi.		
Bakersfield - class II	County Area	Union Av (Panama Rd to Bear Mountain Bl) 4 mi.		
Bakersfield - class II	Incorporated	21st St (King St to Washington St) 0.89 mi.		2021
Bakersfield - class II	Incorporated	21st St (Oak St to Westwind Dr) 0.13 mi.		2023
Bakersfield - class II	Incorporated	Akers Rd (Wilson Rd to McKee) 3.99 mi.		2021
Bakersfield - class II	Incorporated	Ashe Rd (Panama Ln to Taft Hwy) 2 mi.		2023
Bakersfield - class II	Incorporated	Calloway Dr (Snow Rd to Norris Rd) 0.5 mi.		2023
Bakersfield - class II	Incorporated	Clay Patrick Farr Wy (Hageman Rd to Granite Falls Dr) 0.83 mi.		2021
Bakersfield - class II	Incorporated	Gosford Rd (McCutcheon to Taft Hwy) 1 mile		2023
Bakersfield - class II	Incorporated	Haley St (Panorama Dr to Columbus St) 0.87 mi.		2021
Bakersfield - class II	Incorporated	Half Moon Dr (Ashe Rd to Ashe Rd) 1.15 mi.		2021
Bakersfield - class II	Incorporated	Harris Rd (Ashe Rd to Wible Rd) 0.5 mi.		2021
Bakersfield - class II	Incorporated	Harris Rd (S. Allen Rd to Ashe Rd) 4.08 mi.		2023
Bakersfield - class II	Incorporated	Hosking Av (Wible Rd to S H St) 3.03 mi.)		2023
Bakersfield - class II	Incorporated	Hughes Ln (Ming Av to E. Pacheco Rd) 1.5 mi.		2021
Bakersfield - class II	Incorporated	Mohawk St (Hageman Rd to Rosedale Hwy) 1.26 mi.		2023
Bakersfield - class II	Incorporated	Morning Dr (Auburn St to Willis Av) 1.38 mi.		2023
Bakersfield - class II	Incorporated	Morning Dr (Paladino Dr to Morningstar Av) 0.8 mi.		2023
Bakersfield - class II	Incorporated	Noriega Rd (Renfro Rd to Calloway Dr) 2.01 mi.		2021
Bakersfield - class II	Incorporated	Olive Dr (Santa Fe Wy to Allen Rd) 1.52 mi.		2023
Bakersfield - class II	Incorporated	Paladino Dr (Rivani Dr to Grand Canyon Dr) 1.87 mi.		2023
Bakersfield - class II	Incorporated	Panama Ln (H St to MLK Bl/Cottonwood Rd) 2.03 mi.		2023
Bakersfield - class II	Incorporated	Panama Ln (Interstate 5 to Gosford Rd) 2.02 mi.		2023
Bakersfield - class II	Incorporated	Patton Wy (Weldon Av to Hageman Rd) 0.28 mi.		2023
Bakersfield - class II	Incorporated	Riverlakes Dr (Olive Dr to Coffee Rd) 1.57 mi.		2021
Bakersfield - class II	Incorporated	Snow Rd (Allen Rd to Verdugo Ln) 1.5 mi.		2021
Bakersfield - class II	Incorporated	Stine Rd (Panama Ln to Taft Hwy) 2 mi.		2023
Bakersfield - class II	Incorporated	University Av (Haley St to Panorama Dr) 2.18 mi.		2023
Bakersfield - class II	Incorporated	Verdugo Ln (Olive Dr to Hagaman Rd) 1.22 mi.		2021
Bakersfield - class II	Incorporated	Wenatchee Av (Panorama Dr to Columbus St) 1.02 mi.		2023
Bakersfield - class II	Incorporated	Wible Rd (Planz Rd to Taft Hwy) 4 mi.		2023
Bakersfield - class II	County Area	Comanche Dr (E Panama Ln to Varsity Av) 5.5 mi.		2023
Bakersfield - class II	County Area	Day Av (N Chester Av to Manor St) 0.5 mi.		2023

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class II	County Area	Edison Hwy (Fairfax Av to S Comanche Dr) 4.8 mi.		2023
Bakersfield - class II	County Area	Enos Ln/43 (Beech Av to Rosedale Hwy) 5.3 mi.		2023
Bakersfield - class II	County Area	Fairfax Rd (Redman Rd to Panama Rd) 3 mi.		2023
Bakersfield - class II	County Area	McCray St (Merle Haggard Dr to China Grade Loop) 1 mi.		2023
Bakersfield - class II	County Area	MLK Bl/Cottonwood Rd (E Panama Ln to Panama Rd) 2 mi.		2023
Bakersfield - class II	County Area	Nord Av (Kratzmeyer Rd to Stockdale Hwy) 4.5 mi.		2023
Bakersfield - class II	County Area	Old Farm Rd (Palm Av to Brimhall Rd) 0.5 mi.		2023
Bakersfield - class II	County Area	Old River Rd (Taft Hwy to Shafter Rd) 3 mi.		2023
Bakersfield - class II	County Area	Panama Rd (S Oswell St to Weedpatch Hwy) 3.0 mi.		2023
Bakersfield - class II	County Area	Patton Wy (Snow Rd to Hageman Rd) 1.8 mi.		2023
Bakersfield - class II	County Area	Weedpatch Hwy (SR 58 East Hwy to Panama Rd) 6 mi.		2021
Bakersfield - class II	Incorporated	Santa Fe Wy (7th Standard Rd to Hageman Rd) 4.14 mi.		2023
Bakersfield - class II	County Area	Beech Av/43 (E Los Angeles to Enos Ln) 2.3 mi.		2023
Bakersfield - class III	Incorporated	17th St (A St to Union Av) 1.26 mi.		
Bakersfield - class III	Incorporated	18th St (19th St Rte (21st St to 17th St) 1.01 mi.		
Bakersfield - class III	Incorporated	22nd St (Elm St to F St) 0.72 mi.		
Bakersfield - class III	Incorporated	36th St (Chester Av to San Dimas Path) 0.59 mi.		
Bakersfield - class III	Incorporated	4th St (Union Av to City Limits) 1.25 mi.		
Bakersfield - class III	Incorporated	Allegheny Ct (Old Walker Pass Rd to Rivers Edge Park) 0.44 mi.		
Bakersfield - class III	Incorporated	Appletree Hahn Rte (Wilson Rd to Wible Rd)		
Bakersfield - class III	Incorporated	Bank St 2nd St Ro (Oak St to S. P St) 1.59 mi.		
Bakersfield - class III	Incorporated	Berkshire Rd (Colony St to Madison St) 1.81 mi.		
Bakersfield - class III	Incorporated	Berkshire Rd (Stine Rd to Santana Sun Dr) 1.5 mi.		
Bakersfield - class III	Incorporated	Broad Oak Oak Grove Rt (Park Path to Westwold Dr) 0.2 mi.		
Bakersfield - class III	Incorporated	Brundage Ln (Union Av to Oswell St) 5.08 mi.		
Bakersfield - class III	Incorporated	Camino Grande (Alfred Harrell to NE Bakersfield Path) 1.29 mi.		
Bakersfield - class III	Incorporated	Campus Park (Buena Vista Rd to Old River Rd) 1.06 mi.		
Bakersfield - class III	Incorporated	Chamber Boulevard (S. Allen Rd to Grand Lakes Av) 1.45 mi.		
Bakersfield - class III	Incorporated	China Grade Loop (City Limit to Panorama Dr) 0.11 mi.		
Bakersfield - class III	Incorporated	Chinon Limoges Rte (McInnes Boulevard to Haggin Oaks Boulevard) 0.37 mi.		
Bakersfield - class III	Incorporated	Chippewa Yorkshire (Jewetta Av to Verdugo Ln) 0.88 mi.		
Bakersfield - class III	Incorporated	Christmas Tree Ln (Mt Vernon Av to Panorama Dr) 1.65 mi.		
Bakersfield - class III	Incorporated	Comanche Dr (City Limit to Hwy 178) 0.16 mi.		
Bakersfield - class III	Incorporated	Cottonwood Rd (Casa Loma Dr to E. Panama Ln) 3 mi.		
Bakersfield - class III	Incorporated	Coventry Benton Rte (Ming Av to Oak St)		
Bakersfield - class III	Incorporated	E. Pacheco Rd (Hughes Ln to Cottonwood Rd) 2.52 mi.		
Bakersfield - class III	Incorporated	Edison Rd (Hwy 178 to End of St) 1.15 mi.		
Bakersfield - class III	Incorporated	El Capitan Bike Rte (Noriega Rd to Polo Park Path) 0.44 mi.		
Bakersfield - class III	Incorporated	Fairview Rd (Hughes Ln to Cottonwood Rd) 2.53 mi.		
Bakersfield - class III	Incorporated	Flower St (Alta Vista Dr to Owens St) 0.64 mi.		
Bakersfield - class III	Incorporated	Garnsey Av (Garnsey Ln to Stockdale Hwy) 0.57 mi.		
Bakersfield - class III	Incorporated	Grand Lakes Av (Rossilyn Ln to Brandy Rose St) 1.83 mi.		
Bakersfield - class III	Incorporated	Greenwich Balvanera (Verdugo Ln to Calloway Rd) 0.55 mi.		
Bakersfield - class III	Incorporated	Half Moon Dr (Ashe Rd to Ashe Rd) 0.96 mi.		
Bakersfield - class III	Incorporated	Harris RdGasoline Alley (Wible Rd to Pacheco Rd) 0.7 mi.		
Bakersfield - class III	Incorporated	Hawaii Wailea (Allen Rd to Noriega Rd) 0.38 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class III	Incorporated	Height St (River Boulevard to 178 Overcrossing) 0.75 mi.		
Bakersfield - class III	Incorporated	Highway 178 (City Limits to Masterson St) 6.6 mi.		
Bakersfield - class III	Incorporated	Hughes Ln (E Pacheco Rd to Fairview Rd) 1 mile		
Bakersfield - class III	Incorporated	Iron Creek Goose Creek CT (Allen Rd to Coffee Rd) 3.66 mi.		
Bakersfield - class III	Incorporated	Jewetta Av (Columbus St to Bernard St) 0.52 mi.		
Bakersfield - class III	Incorporated	Jewetta Av (Palm Av to Brimhall Rd) 0.5 mi.		
Bakersfield - class III	Incorporated	Jewette Av (Bernard St to 30th St) 0.27 mi.		
Bakersfield - class III	Incorporated	Kahala Constitution Rou (Hawaii Ln to Jewetta Av)		
Bakersfield - class III	Incorporated	La France Dr (Castro Ln to El Toro Dr) 1.03 mi.		
Bakersfield - class III	Incorporated	Laurel Park Wrangler (Bay Meadows Ln to Calloway Dr)		
Bakersfield - class III	Incorporated	Madison St (Brundage Ln to Belle Terrace) 0.49 mi.		
Bakersfield - class III	Incorporated	Marella Class III (Garnsey Av to Montclair St) 0.55 mi.		
Bakersfield - class III	Incorporated	Marella Wy (California Av to Montclair St) 1 mile		
Bakersfield - class III	Incorporated	Maywood Charger Rte (Oswell St to Piper Wy)		
Bakersfield - class III	Incorporated	Merrimac Av (Raider Dr to Monitor St) 0.06 mi.		
Bakersfield - class III	Incorporated	Mezzadro/Alderbrk/Lavina (Allen Rd to Allen Rd) 3.63 mi.		
Bakersfield - class III	Incorporated	Monitor St (Merrimac Av to White Ln) 0.25 mi.		
Bakersfield - class III	Incorporated	Mountain Oak McInnes Rt (Park Path to McInnes)		
Bakersfield - class III	Incorporated	Mountain Park Dr (Kern River Parkway to River Run Bl) 0.18 mi.		
Bakersfield - class III	Incorporated	Mountain Vista Dr (Grand Lakes Av to Berkshire Rd) 2.73 mi.		
Bakersfield - class III	Incorporated	Noble Av Rte (River Boulevard to Columbus St) 2.3 mi.		
Bakersfield - class III	Incorporated	Old Walker Pass Rd (Comanche Dr to Rancheria Rd) 1.46 mi.		
Bakersfield - class III	Incorporated	Olympia Dr (S. Laurel Glen Boulevard to Half Moon Bay Dr) 0.49 mi.		
Bakersfield - class III	Incorporated	Pacific St (Union Av to Alta Vista Dr) 0.36 mi.		
Bakersfield - class III	Incorporated	Palm St (Real Rd to P St) 1.79 mi.		
Bakersfield - class III	Incorporated	Park/Blanch/11th/10th Rte (Oak St to Union Av) 1.08 mi.		
Bakersfield - class III	Incorporated	Pin Oak Boulevard (Bear Creek Rd to District Boulevard) 1.14 mi.		
Bakersfield - class III	Incorporated	Polo Dr (Dapple Av to Meadow Creek St) 0.26 mi.		
Bakersfield - class III	Incorporated	Quailwood Quailridge (Truxtun Av to Stockdale Hwy)		
Bakersfield - class III	Incorporated	Raider Dr (Planz Rd to Merrimac Av) 0.25 mi.		
Bakersfield - class III	Incorporated	Real Rd (Garnsey Ln to Palm St) 0.08 mi.		
Bakersfield - class III	Incorporated	Ridge Oak Dr (Rose Petal St to Mountain Oak Rd) 0.42 mi.		
Bakersfield - class III	Incorporated	Ridge Rd (Camino Real to Mt. Vernon Av) 0.16 mi.		
Bakersfield - class III	Incorporated	River Run Boulevard (Ming Av to Buena Vista Rd) 0.93 mi.		
Bakersfield - class III	Incorporated	Rose Petal St (Brandy Rose St to Ridge Oak Dr) 0.2 mi.		
Bakersfield - class III	Incorporated	Rudd Av (Seventh Standard Rd to Santa Fe Wy) 1.5 mi.		
Bakersfield - class III	Incorporated	S, King St (California Av to Brundage Ln) 1 mile		
Bakersfield - class III	Incorporated	S. H St (Panama Ln to Taft Hwy) 2 mi.		
Bakersfield - class III	Incorporated	Sage Dr (Half Moon Bay Dr to Wilson Rd) 0.2 mi.		
Bakersfield - class III	Incorporated	School House Rd (Ming Av to Ashe Rd) 1.33 mi.		
Bakersfield - class III	Incorporated	Spring Creek Loop (Wilderness Dr to Reliance Dr) 1.03 mi.		
Bakersfield - class III	Incorporated	Stellar Av (Old Farm Rd to Campfire Dr) 0.34 mi.		
Bakersfield - class III	Incorporated	Sundale Av (La Puente Dr to New Stine Rd) 0.91 mi.		
Bakersfield - class III	Incorporated	Toluca Dr Rte (Renfro Rd to Allen Rd) 1.48 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class III	Incorporated	University Av (Haley St to River Boulevard) 0.58 mi.		
Bakersfield - class III	Incorporated	University/Skyline/Poplar Av (Haley St to Alta Vista Dr) 0.68 mi.		
Bakersfield - class III	Incorporated	W. Jeffrey St (Overcrossing to River Boulevard) 1.1 mi.		
Bakersfield - class III	Incorporated	Watts Dr (Cottonwood Rd to Madison St) 0.5 mi.		
Bakersfield - class III	Incorporated	Westholme Boulevard (Ming Av to Wilson Rd) 0.4 mi.		
Bakersfield - class III	Incorporated	White Ln (Dovewood St to Hughes Ln) 1.22 mi.		
Bakersfield - class III	Incorporated	Wilderness Dr (Harris Rd to Reliance Dr) 0.54 mi.		
Bakersfield - class III	Incorporated	Yarnell Bike Rte (Paul Av to Calloway Dr) 0.31 mi.		
Bakersfield - class III	Incorporated	Ridge Rd (Camino Real to Mt. Vernon Av) 0.16 mi.		
Bakersfield - class III	County Area	N Chester Av (Existing Bike Rte to Merle Haggard Dr) 0.3 mi.		
Bakersfield - class III	County Area	Olive Dr (Victor St to SR 99) 0.3 mi.		
Bakersfield - class III	Incorporated	Alfred Harrell Hwy (City Limit to Panorama Dr) 0.1 mi.		2021
Bakersfield - class III	Incorporated	Alfred Harrell Hwy (Morning Dr Bike Path to Hwy 178) 3.32 mi.		2021
Bakersfield - class III	Incorporated	Baker St (California Av to S. King St) 0.35 mi.		2023
Bakersfield - class III	Incorporated	Ewoldsen Class III Rte (Oak Grove St to N. Half Moon Dr) 1.43 mi.		2023
Bakersfield - class III	Incorporated	Haggin Oaks Bl (Camino Media to Limoges Wy) 0.74 mi.		2021
Bakersfield - class III	Incorporated	Harris Rd (Ashe Rd to Akers Rd) 1.51 mi.		2021
Bakersfield - class III	Incorporated	Laurelglen Boulevard (Pin Oak Park Boulevard to Gosford Rd) 0.48 mi.		2021
Bakersfield - green streets/traffic calming	County Area	Center St (Oswell Steet to Pesante Rd) 0.8 mi.		
Bakersfield - green streets/traffic calming	County Area	Center St/Rosewood Avnue (Shalimar Dr to Monica St) 1.8 mi.		
Bakersfield - green streets/traffic calming	County Area	Country Club Dr Horace Mann Av		
Bakersfield - green streets/traffic calming	County Area	Decatur St (Sequoia Dr to Chester Av) 0.8 mi.		
Bakersfield - green streets/traffic calming	County Area	Height St (River Bl to Haley St) 0.5 mi.		
Bakersfield - green streets/traffic calming	County Area	Jeffrey St (Loma Linda Dr to River Bl) 0.7 mi.		
Bakersfield - green streets/traffic calming	County Area	Jeffrey St (Union Av to River Bl) 0.2 mi.		
Bakersfield - green streets/traffic calming	County Area	Pesante Rd (Culde		
Bakersfield - green streets/traffic calming	County Area	Shalimar Dr (Niles St to Pioneer Dr) 0.5 mi.		
Bakersfield - green streets/traffic calming	County Area	Valencia Dr (College Av to Pioneer Dr) 1 mi.		
Bakersfield - green streets/traffic calming	County Area	Wilson Av Castaic Av (Roberts Ln to N Chester Av)		
Bakersfield - green streets/traffic calming	County Area	Woodrow Av (Roberts Ln to N Chester Av) 1.8 mi.		
Bakersfield - bikeway Stdy	Incorporated	Various Feasibility Studies for Other Bike and Pedestrian Related Improvements		
Bakersfield - bikeway Stdy	County area	Truxtun Av (Oak St to Washington St) 3.5 mi.		
Bakersfield - class I shared use path	County area	Bike/Ped Bridge SR 99 (Wood Ln to Wood Ln) .1 mi.		
Bakersfield - class I shared use path	County area	Norris Rd (Snow Rd to Manor St) 3.3 mi.		
Bakersfield - class II	County area	Hart Park Kiddyland Dr (River Crossing to Alfred Harrel Hwy) 0.3 mi.		
Bakersfield - class II bike ln	County area	Beardsley Av (McCray St to Chester Av) .5 mi.		
Bakersfield - class II bike ln	County area	Braeburn Dr (Country Club Dr to College Av) .6 mi.		
Bakersfield - class II bike ln	County area	Brimhall Rd (Enos Ln to Rudd Av) 4.5 mi.		
Bakersfield - class II bike ln	County area	Brundage Ln (Madison St to Edison Hwy) 1.9 mi.		
Bakersfield - class II bike ln	County area	Calloway Dr (Rosedale Hwy to Brimhall Rd) 1. mi.		
Bakersfield - class II bike ln	County area	China Grade Loop (Carrere St to Manor St) .4 mi.		
Bakersfield - class II bike ln	County area	Douglas St (McCray St to Chester Av) .5 mi.		
Bakersfield - class II bike ln	County area	Edison Rd (Breckenridge Rd to Edison Hwy) .8 mi.		
Bakersfield - class II bike ln	County area	Hageman Rd (Jenkins Rd to Nord Av) 2.5 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class II bike ln	County area	Heath Rd (Hageman Rd to Stockdale Hwy) 3. mi.		
Bakersfield - class II bike ln	County area	Hermosa Rd (Fairfax Rd to Comanche Dr) 5. mi.		
Bakersfield - class II bike ln	County area	Houghton Rd (Old River Rd to Union Av) 6. mi.		
Bakersfield - class II bike ln	County area	Meacham Rd (Nord Av to Allen Rd) 3. mi.		
Bakersfield - class II bike ln	County area	Merle Haggard Rd (Chester Av to Airport Dr) 1. mi.		
Bakersfield - class II bike ln	County area	Mountain View Rd (Fairfax Rd to Comanche Dr) 5. mi.		
Bakersfield - class II bike ln	County area	Muller Rd (Comanche Dr to Oswell St) 6. mi.		
Bakersfield - class II bike ln	County area	N Chester Av (McKelvey Av to Manor St) .3 mi.		
Bakersfield - class II bike ln	County area	Old Farm Rd (Rosedale Hwy to Mia Virginia Ct) .5 mi.		
Bakersfield - class II bike ln	County area	Panama Rd (Habecker Rd to S Comanche Dr) 3.5 mi.		
Bakersfield - class II bike ln	County area	Pegasus Dr (Merle Haggard Dr to Norris Rd) 1.8 mi.		
Bakersfield - class II bike ln	County area	Pioneer Dr (Vineland Rd to Oswell St) 3. mi.		
Bakersfield - class II bike ln	County area	Roberts Ln (Chester Av to Manor St) .5 mi.		
Bakersfield - class II bike ln	County area	Roberts Ln (Norris Rd to Sequoia Dr) 1.7 mi.		
Bakersfield - class II bike ln	County area	Sunset Bl (Weedpatch Hwy to Vineland Rd) 1. mi.		
Bakersfield - class II bike ln	County area	Superior Rd (Rosedale Hwy/Old 58 to Stockdale Hwy) 2. mi.		
Bakersfield - class II bike ln	County area	Vineland Rd (Pioneer Dr to SR 223) 11. mi.		
Bakersfield - class II bike ln	County area	Breckenridge Rd (Weedpatch Hwy to Comanche Dr) 4.3 mi.		2021
Bakersfield - class II bike ln	County area	Comanche Dr (Panama Ln to Muller Rd) 7.5 mi.		2023
Bakersfield - class II bike ln	County area	Day Av (Manor St to N Chester Av) .5 mi.		2021
Bakersfield - class II bike ln	County area	DiGiorgio Rd (Vineland Rd to Comanche Dr) 3. mi.		2023
Bakersfield - class II bike ln	County area	Edison Hwy (Mt Vernon Av to Comanche Dr) 7.8 mi.		2023
Bakersfield - class II bike ln	County area	James Rd (SR 65 to Chester Av) 3.5 mi.		2023
Bakersfield - class II bike ln	County area	McCray St (Merle Haggard Rd to Day Av) .4 mi.		2023
Bakersfield - class II bike ln	County area	Old River Rd (Taft Hwy to Shafter Rd) 4. mi.		2023
Bakersfield - class II buffered bike ln	County area	Airport Dr (Roberts Ln to Merle Haggard Dr) 2.2 mi.		
Bakersfield - class II buffered bike ln	County area	California Av (Mt Vernon Av to Edison Hwy) .6 mi.		
Bakersfield - class II buffered bike ln	County area	Di Giorgio Rd (Pierce Dr to S Vineland Rd) 1.8 mi.		
Bakersfield - class II buffered bike ln	County area	Olive Dr (Coffee Rd to Victor St) 1.7 mi.		
Bakersfield - class II buffered bike ln	County area	S Union Av (Panama Rd to Bear Mountain Bl) 4. mi.		
Bakersfield - class II buffered bike ln	County area	Chester Av (Merle Haggard Rd to Norris Rd) 1.4 mi.		2023
Bakersfield - class III bike bl	County area	Baldwin Rd (Terrace Wy to Ming Av) .8 mi.		
Bakersfield - class III bike bl	County area	Breckenridge Rd (End of St to Comanche Dr) 4.5 mi.		
Bakersfield - class III bike bl	County area	C Club Dr/H Mann Av/Pentz St (College Av to Ctr St) .8 mi.		
Bakersfield - class III bike bl	County area	Castro Ln (Wood Ln to La France Dr) .1 mi.		
Bakersfield - class III bike bl	County area	Center St (Pentz St to Pesanta Rd) .8 mi.		
Bakersfield - class III bike bl	County area	China Grade Loop (City Limit to Alfred Harrell Hwy) .9 mi.		
Bakersfield - class III bike bl	County area	Culver St (Sterling Rd to Pasante Rd) .1 mi.		
Bakersfield - class III bike bl	County area	Edwards Av (Mt Vernon Av to Oswell St) 1.2 mi.		
Bakersfield - class III bike bl	County area	Ferguson Av (Chester Av to Manor St) .5 mi.		
Bakersfield - class III bike bl	County area	Floral Dr (Camino Real to Mt Vernon Av) .1 mi.		
Bakersfield - class III bike bl	County area	Habecker Rd (Panama Rd to Di Giorgio Rd) 1. mi.		
Bakersfield - class III bike bl	County area	Hall Rd (Main St to Habecker Rd) .4 mi.		
Bakersfield - class III bike bl	County area	Iron Oak Wy (Norris Rd to Exodus Ln) .1 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class III bike bl	County area	Myrtle Av (Di Giorgio Rd to Panama Rd) 1. mi.		
Bakersfield - class III bike bl	County area	Norris Rd (Coffee Rd to Knudsen Dr) 1.8 mi.		
Bakersfield - class III bike bl	County area	Palm Av (Wagis Av to Heath Rd) .5 mi.		
Bakersfield - class III bike bl	County area	Pesante Rd (Culver St to Center St) .1 mi.		
Bakersfield - class III bike bl	County area	Round Mountain Rd (End of St to China Grd Lp) 9.8 mi.		
Bakersfield - class III bike bl	County area	San Diego St (Di Giorgio Rd to Panama Rd) 1.1 mi.		
Bakersfield - class III bike bl	County area	Segrue Rd (San Emidio St to Habecker Rd) .9 mi.		
Bakersfield - class III bike bl	County area	Shafter Rd (Old River Rd to H St) 5. mi.		
Bakersfield - class III bike bl	County area	Shalimar Dr (Pioneer Dr to Niles St) .5 mi.		
Bakersfield - class III bike bl	County area	Sterling Rd (Brundage Ln to College Av) 2. mi.		
Bakersfield - class III bike bl	County area	Terrace Wy (A St to Baldwin Rd) .1 mi.		
Bakersfield - class III bike bl	County area	Valencia Dr (Pioneer Dr to College Av) 1. mi.		
Bakersfield - class III bike bl	County area	Wood Ln (99 Overcrossing to Castro Ln) .3 mi.		
Bakersfield - class III bike bl	County area	Wood Ln (Stine Rd to 99 Overcrossing) .5 mi.		
Bakersfield - class III bike bl	County area	Woodrow Av (Roberts Ln to N Chester Av) 1.8 mi.		
Bakersfield - class III bike rte	County area	Airport Dr (BksfldGlennville Rd to Merle Haggard Dr) 1.9 mi.		
Bakersfield - class III bike rte	County area	Edison Rd (Edison Hwy to SR 223) 9.7 mi.		
Bakersfield - class III bike rte	County area	Fairfax Rd (Panama Rd to SR 223) 4. mi.		
Bakersfield - class III bike rte	County area	Olive Dr (Sequoia Dr to N Chester Av) .7 mi.		
Bakersfield - class IV cycle track	County area	Olive Dr (Victor St to Sequoia Dr) 1.6 mi.		
California City - Caltrans shoulder	County area	SR 14 (SR 178 to Mojave) 46.6 mi.		2023
California City - class I shared use path	Incorporated	Mendiburu Path / California City Bl88th St 1.6 mile		
California City - class II	Incorporated	Poppy Bl / Neuralia RdN Loop Bl)		2023
California City - class II bicycle ln	Incorporated	Hacienda Bl / Redwood BlSequoia Bl)		
California City - class II bicycle ln	Incorporated	Neuralia Rd / Redwood BlSequoia Bl)		
California City - class II bicycle ln	Incorporated	Proctor Bl / Randsburg Mojave RdCollege Bl)		
California City - class II bicycle ln	Incorporated	Redwood Bl / Proctor BlCalifornia City Bl)		
California City - class II bicycle ln	Incorporated	Airway Bl / Redwood BlS Loop Bl)		2023
California City - class II bicycle ln	Incorporated	Airway Bl / Redwood BlSequoia Bl)		
California City - class II bicycle ln	Incorporated	Hacienda Bl / North Loop BlCalifornia City Bl)		2023
California City - class II bike ln	Incorporated	Neuralia Rd / Redwood BlPoppy Bl)		
California City - class II bike ln	Incorporated	90th St / California City BlCatalpa Av)		2023
California City - class II bike ln to connect	Incorporated	Conklin Bl, Heather Av / California City BlCalhoun Ct)		2023
California City - class III bicycle Bl	Incorporated	Conklin Bl / Mendiburu RdNorth Loop Bl)		
California City - class III bicycle Bl	Incorporated	Rusche Bl / Mendiburu RdBolden Dr)		
California City - class III bicycle rte	Incorporated	California City Bl / Hwy 14Yerba Bl)		
California City - class III bicycle rte	Incorporated	California City Bl / Redwood BlSandy Av)		
California City - class III bicycle rte	Incorporated	Desert Butte Bl / Forest BlSequoia Bl		
California City - class III bicycle rte	Incorporated	Division Rd / Midway RdIronwood St)		
California City - class III bicycle rte	Incorporated	Forest Bl / Neuralia RdDesert Butte Bl)		
California City - class III bicycle rte	Incorporated	Mendiburu Rd / Baron BlRusche Bl)		
California City - class III bicycle rte	Incorporated	Neuralia Rd / Mendiburu RdPoppy Bl)		
California City - class III bicycle rte	Incorporated	Sequoia Bl / Neuralia RdDesert Butte Bl)		
California City - class III bicycle rte	Incorporated	Yerba Bl / Mendiburu RdCalifornia City Bl Class III Bike Rte)		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
California City - class III bike bl	Incorporated	92nd St / Catalpa AvFir Av Bl)		
California City - class III bike bl	Incorporated	92nd St / Fir AvS Loop Bl)		
California City - class III bike bl	Incorporated	Catalpa Av / 92nd St90th St)		
California City - class III bike bl	Incorporated	Fir Av / 92nd St92nd St)		
California City - class III bike rte	Incorporated	Hacienda Bl / Mendiburu RdN Loop Bl)		
California City - class III bike rte	Incorporated	Mendiburu Rd / Hacienda BlRandsburg Mojave Rd)		
California City - Extend new class II bike	Incorporated	Redwood Bl / Airway BlNeuralia Rd)		
California City - Extend new class II bike	Incorporated	Randsburg Mojave Rd / Mcintosh WyHooker Dr)		2023
California City - Extend new class II bike	Incorporated	S Loop Bl / California City BlHacienda Bl)		2023
California City - fill gap in existing bikewa	Incorporated	California City Bl / S College BlProctor Bl)		
California City - Maintain existing ln & adc	Incorporated	Redwood Bl / California City BlHacienda Bl)		
California City - off	Incorporated	North City Path / 88th StHacienda Bl)		
Delano - class I	County area	Lake Woollomes Loop (Lake Woollomes to Lake Woollomes) 5.3 mi.		
Delano - class II	Incorporated	20th St (Girard St to Browning Rd) 1.5 mi.		
Delano - class II	Incorporated	Browning St (Garces Hwy to 9th Av) .5 mi.		
Delano - class II	Incorporated	Cecil Av (Hiett Av to Albany St) 5. mi.		
Delano - class II	Incorporated	Dover Pkwy (Millenium Pkwy to Garzoli Av) .6 mi.		
Delano - class II	Incorporated	Ellington St (11th Av to Woollomes Av) 1. mi.		
Delano - class II	Incorporated	Fresno Av (Palm Av to Shafter Av) 4.1 mi.		
Delano - class II	Incorporated	Garzoli Av (Woollomes Av to Pond Rd) 2. mi.		
Delano - class II	Incorporated	High St (Garces Hwy to Girard St) 1.7 mi.		
Delano - class II	Incorporated	High St (SR 155 to Woollomes Av) 1.1 mi.		
Delano - class II	Incorporated	Schuster Rd (Lexington St to Browning Rd) .6 mi.		
Delano - class II	County area	Mast Av (Garces Hwy to Woollomes Av 1 mi.		
Delano - class II	County area	Stradley Av (SR 155 to Sherwood Av) 6 mi.		
Delano - class II	County area	Woollomes Av (Mast Av to Proposed Woollomes) 2.7 mi.		
Delano - class II	Incorporated	Albany St (Garces Hwy to Morse Bl) 1. mi.		2023
Delano - class II	Incorporated	Albany St (Morse Bl to Woollomes Av) 1. mi.		2021
Delano - class II	Incorporated	Browning St (9th Av to County Line Rd) 1.5 mi.		2021
Delano - class II	Incorporated	Garces Hwy (Hiett Av to Albany St) 5. mi.		2023
Delano - class II	Incorporated	Girard St (20th St to County Line Rd) .5 mi.		2021
Delano - class II	Incorporated	Hiett Av (County Line Rd to Cecil Av) 1. mi.		2021
Delano - class II	Incorporated	Hiett Rd (Cecil Av to SR 155) 1. mi.		2023
Delano - class II	Incorporated	Randolph St (Garces St to County Line Rd) 2. mi.		2021
Delano - class II	Incorporated	S Lexington St (Woollommes Rd to Garces Hwy) 2.1 mi.		2021
Delano - class II	County area	Pond Rd (Benner Av to Stradley Av) 3 mi.		2023
Delano - class III	Incorporated	Belmont St (20th Av to Cecil Av) .5 mi.		
Delano - class III	Incorporated	Browning Rd (SR 155 to Skyline Rd) 2. mi.		
Delano - class III	Incorporated	Garzoli Av (Pond Rd to Delano City Limit) .5 mi.		
Delano - class III	Incorporated	Melcher Rd (County Line Rd to Cecile Wy) 1. mi.		
Delano - class III	Incorporated	Veneto St (County Line Rd to 20th St) .5 mi.		
Delano - class III	Incorporated	11th Av (Albany St to Hiett Av) .5 mi.		2021
Delano - class III	Incorporated	20th Av (Albany St to Belmont St) .1 mi.		2021
Delano - class III	Incorporated	9th St (High St to Browning Rd) 1.3 mi.		2021

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Delano - class III	Incorporated	Clinton St (Cecil Av to Garces Hwy) 1. mi.		2021
Delano - class III	Incorporated	County Line Rd (Hiett Av to Veneto St) 3. mi.		2023
Delano - class III	Incorporated	Lexington St (Garces Hwy to Cecil Av) 1. mi.		2021
Delano - class III	Incorporated	Norwalk Av (Cecil Av to County Line Rd) 1. mi.		2021
Kernville - class I	County area	Kern River/Lake (Riverside Park to Wofford Heights Park) 4.3 mi.		
Kernville - class II	County area	Burlando Rd (Kernville to Wofford Heights) 3 mi.		2023
Kernville - class III	County area	Sierra Wy (Valley View Dr to Cyrus Canyon Rd) 2.2 mi.		
Kernville - green streets/traffic calming	County area	Burlando Rd (Rio Del Loma/Whiskey Flat to Kernville Rd) 2.1 mi.		
Kernville - green streets/traffic calming	County area	Sirretta St (Burlando Rd to Existing Class II) 1 mi.		
Lake Isabella - Caltrans shoulder	County area	SR 178 (Bakersfield City Limits to Kern River Valley) 26.4 mi.		
Lake Isabella - Caltrans shoulder	County area	SR 178 (SR 155 to Sierra Wy) 11.4 mi.		2023
Lake Isabella - class I	County area	Lake Isabella Bl (Erskine Creek Rd to Alta Vista Av) .3 mi.		2023
Lake Isabella - class II	County area	Bodfish Canyon Rd (Lake Isabella Bl to End of Rd) 2.9 mi.		
Lake Isabella - class II	County area	Lake Isabella Bl (Erskine Creek Rd to Kern River Canyon Rd) 2.5 mi.		2023
Lake Isabella - class II	County area	Lake Isabella Bl (Nugget Av to Erskine Creek Rd) 2.2 mi.		
Lake Isabella - class II	County area	Erskine Creek Rd (Lake Isabella Bl to Pasadena Ln) 1.4 mi.		2023
Lake Isabella - class III	County area	Hwy 155 (Wofford Rd to Lake Isabella Bl) 5.5 mi.		
Lake Isabella - class III	County area	Sierra Wy (Kernville Airport to SR 178) 11.2 mi.		
Lake Isabella - green streets/traffic calmi	County area	Lynch Canyon Dr (SR 178 to Poplar St) 0.7 mi.		
Lake Isabella - other	County area	Lake Isabella Loop (around lake) 30.1 mi.		
Mtn Mesa - class II	County area	McCray Rd (SR 178 to Dogwood Rd) 0.4 mi.		
South Lake - Caltrans shoulder	County area	SR 178 (Mobile Dr to Poplar St) 0.8 mi.		
Wofford Hts. - class II	County area	Wofford Bl (Burlando Rd to SR 155) 2 mi.		2023
Maricopa - class I shared use path	Incorporated	Wagy St (Maricopa Hwy to Welch St) .1 mi.		
Maricopa - class II bike ln	Incorporated	Hazelton St (Main St to Poso St) .3 mi.		
Maricopa - class II bike ln	Incorporated	Main St (Hazelton St to California St) .1 mi.		
Maricopa - class II bike ln	Incorporated	SR 33/166 (Clark St to South City Limits) 1. mi.		2023
Maricopa - class II buffered bike ln	Incorporated	California St SR 33 (Poso St to Kern St) .5 mi.		
Maricopa - class II buffered bike ln	Incorporated	Maricopa Hwy SR 166/33 (Fresno St to Scott Dr) 1.1 mi.		
Maricopa - class III bike bl	Incorporated	Chico St (California St to Welch St) .1 mi.		
Maricopa - class III bike bl	Incorporated	Elkhorn St (SR 33 to Fresno St) .4 mi.		
Maricopa - class III bike bl	Incorporated	Fresno St (Poso St to Elkhorn St) .2 mi.		
Maricopa - class III bike bl	Incorporated	Green St (Hazelton St to California St) .1 mi.		
Maricopa - class III bike bl	Incorporated	Hazelton St (SR 166 to South City Limits) .3 mi.		
Maricopa - class III bike bl	Incorporated	Union St (Maricopa Hwy SR 33 to Ruth St) .4 mi.		
Maricopa - class III bike bl	Incorporated	Welch St (Chico St to Wagy St) .1 mi.		
Maricopa - class III bike rte	Incorporated	Stanislaus St (Klipstein St to School St) .2 mi.		
McFarland - class I shared use path	Incorporated	Union Pacific RR (Sherwood Av to Elmo Hwy) 1.1 mi.		2023
McFarland - class II	County area	Perkins Av (Stradley Av to S Garzoli Av 1 mi.		
McFarland - class II	County area	Sherwood Av (Stradley Av to S Garzoli Av 1 mi.		
McFarland - class II	Incorporated	Sherwood Av (Browning Rd to Wiley St 1 mi.		2023
McFarland - class II bike ln	Incorporated	Browning Rd (Elmo Hwy to W Taylor Av) 1.5 mi.		
McFarland - class II bike ln	Incorporated	Elmo Hwy (Browning Rd to West City Limits) 3.5 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
McFarland - class II bike ln	Incorporated	Frontage Rd (Hail Ln to Perkins Av) .3 mi.		
McFarland - class II bike ln	Incorporated	Hail Ln (Garzoli Av to Frontage Rd) .7 mi.		
McFarland - class II bike ln	Incorporated	Kendra St (Elmo Hwy to Perkins Av) .5 mi.		
McFarland - class II bike ln	Incorporated	Mast Av (Taylor Av to Whisler Rd) 1.5 mi.		
McFarland - class II bike ln	Incorporated	Perkins Av (Garzoli Av to Stradley Av) 1. mi.		
McFarland - class II bike ln	Incorporated	Sherwood Access Ramps (SR 99 to Sherwood Av) .3 mi.		
McFarland - class II bike ln	Incorporated	Sherwood Av (Wiley St to Driver Rd) .7 mi.		
McFarland - class II bike ln	Incorporated	Taylor Av (Mast Av to Frontage Rd) .4 mi.		
McFarland - class II bike ln	Incorporated	Taylor Av (SR 99 to Driver Rd) 1.1 mi.		
McFarland - class II bike ln	Incorporated	W Kern Av (5th St to Garzoli Av) .4 mi.		
McFarland - class II bike ln	Incorporated	Davis Av (Elmo Hwy to Perkins Av) .5 mi.		2023
McFarland - class II bike ln	Incorporated	Frontage Rd (Sherwood Av to Taylor Av) .6 mi.		
McFarland - class II buffered bike ln	Incorporated	E Perkins Av (Industrial St to Bowman Rd) .7 mi.		
McFarland - class II buffered bike ln	Incorporated	Garzoli Av (Hanahwalt Av to Elmo Hwy) 2. mi.		
McFarland - class II buffered bike ln	Incorporated	Perkins Av (Garzoli Av to Frontage Rd) .7 mi.		
McFarland - class II buffered bike ln	Incorporated	Perkins Av Access Ramp (W Prkns Av to E Prkns Av) .3 mi.		
McFarland - class II buffered bike ln	Incorporated	E Sherwood Av (Browning Rd to Wiley St) .3 mi.		2023
McFarland - class II buffered bike ln	Incorporated	E Sherwood Av (Industrial St to Browning Rd) .1 mi.		
McFarland - class III bike bl	Incorporated	3rd St (Perkins Av to Sherwood Av) .5 mi.		
McFarland - class III bike bl	Incorporated	5th St (Hail Ln to Ebell St) .9 mi.		
McFarland - class III bike bl	Incorporated	E Kern Av (McFarland Bridge to Wiley St) .5 mi.		
McFarland - class III bike bl	Incorporated	Ebell St (5th St to Mast Av) .1 mi.		
McFarland - class III bike bl	Incorporated	W Kern Av (1st St to 5th St) .3 mi.		
Mojave - Caltrans shoulder	County area	SR 58 (SR 14 (Sierra Hwy) to 5th St) 2.9 mi.		2023
Mojave - class I	County area	Sierra Hwy (Oak Creek Rd to Purdy Av) 2.4 mi.		
Mojave - class II	County area	40th St (Arroyo Av to Purdy Av) 3.1 mi.		
Mojave - class II	County area	5th St (Rosewood Bl to Purdy Av) 5.1 mi.		
Mojave - class II	County area	Arroyo Av (45th St to SR 58 1.9 mi.		
Mojave - class II	County area	Arroyo Av (5th St to Town Limits 1.5 mi.		
Mojave - class II	County area	Butte Av (5th St to Town Limits 1.5 mi.		
Mojave - class II	County area	Camelot Bl (45th St to Holt St 1.6 mi.		
Mojave - class II	County area	Denise Av (5th St to Town Limits 1.5 mi.		
Mojave - class II	County area	Holt St (Arroyo Av to Purdy Av) 3 mi.		
Mojave - class II	County area	Inyo St (K St to O St) 0.3 mi.		
Mojave - class II	County area	K St (Oak Creek Rd to Inyo St`) 0.5 mi.		
Mojave - class II	County area	Kock St (Arroyo Av to Purdy Av) 3.1 mi.		
Mojave - class II	County area	O St (Inyo St to Park St) 0.4 mi.		
Mojave - class II	County area	Purdy Av (45th St to Town Limits) 6.8 mi.		
Mojave - class II	County area	Rosewood Bl (Kyle St to 5th St) 5 mi.		
Mojave - class II	County area	Oak Creek Rd (45th St to K St) 2.3 mi.		2023
Ridgecrest - Caltrans shoulder	County area	US 395 (China Lake Bl to San Bernardino Cty Line 14 mi.		2023
Ridgecrest - class I	County area	Bowman Rd (Jacks Ranch Rd to Brady St 1 mi.		
Ridgecrest - class I	County area	Indian Wells Valley Pkwy Tr (N Jacks Ranch Rd to Jacks Ranch Rd) 12.6 mi.		
Ridgecrest - class I	County area	Javis Av Parkway (China Lake Bl to S Downs St Parkway 1.2 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Ridgecrest - class I shared use path	Incorporated	E Javis Av (S Gateway Bl to College Heights Bl) 1. mi.		
Ridgecrest - class I shared use path	Incorporated	Jarvis Av (S Downs St to Lacey St) .5 mi.		
Ridgecrest - class I shared use path	Incorporated	W Kendall Av (S Downs St to S Del Rosa Dr) .8 mi.		
Ridgecrest - class I shared use path	Incorporated	Bowman Path (Brady St to S Downs St) 1. mi.		2023
Ridgecrest - class I shared use path	Incorporated	Bowman Path (Richmond Rd to San Bernardino Bl) 1.1 mi.		2023
Ridgecrest - class II	County area	Brady St (Inyokern Rd (SR 178) to South China Lake Bl) 4.7 mi.		
Ridgecrest - class II	County area	Drummond Av (Jacks Ranch Rd to Downs St 1 mi.		
Ridgecrest - class II	County area	Jacks Ranch Rd (Ridgecrest Bl to Springer Av) 2 mi.		
Ridgecrest - class II	County area	Javis Av (South China Lake Bl to Norma St Parkway 1.8 mi.		
Ridgecrest - class II	County area	S Downs St (S China Lake Bl to E Javis Av 1.1 mi.		
Ridgecrest - class II	County area	Springer Av (College Heights Bl to Gateway Bl 1 mi.		
Ridgecrest - class II	County area	Springer Av (Jacks Ranch Rd to Brady St 1 mi.		
Ridgecrest - class II	County area	Springer Av (S Downs St to Norma St Parkway) 0.5 mi.		
Ridgecrest - class II bike ln	Incorporated	Bowman Rd (Gateway Bl to San Bernardino Bl) 1. mi.		
Ridgecrest - class II bike ln	Incorporated	Dolphin Av (S Mahan St to S China Lake Bl) .9 mi.		
Ridgecrest - class II bike ln	Incorporated	E Dolphin Av (S China Lake Bl to S Gateway Bl) 1.5 mi.		
Ridgecrest - class II bike ln	Incorporated	E Las Flores Av (French Av to N China Lake Bl) .3 mi.		
Ridgecrest - class II bike ln	Incorporated	Javis Av (College Heights Bl to Lacey St) .5 mi.		
Ridgecrest - class II bike ln	Incorporated	Kendall Av (S Del Rosa Dr to S Gateway Bl) 1.2 mi.		
Ridgecrest - class II bike ln	Incorporated	Mahan St (Upjohn Av to W Springer Av) 1. mi.		
Ridgecrest - class II bike ln	Incorporated	Mahan St (W Inyokern Rd to W Springer Av) 2. mi.		
Ridgecrest - class II bike ln	Incorporated	S Gateway Bl (Bowman Rd to E Kendall Av) 1.6 mi.		
Ridgecrest - class II bike ln	Incorporated	Saratoga Av (Lauritsen Rd to Blue Ridge Rd) .9 mi.		
Ridgecrest - class II bike ln	Incorporated	Springer Av (Jack Ranch Rd to S Gateway Bl) 4. mi.		
Ridgecrest - class II bike ln	Incorporated	Sunland St (Dolphin Av to E Kendall Av) 2. mi.		
Ridgecrest - class II bike ln	Incorporated	W Upjohn Av (Brady St to S Downs St) 1. mi.		
Ridgecrest - class II bike ln	Incorporated	178 Inyokern Rd (Hawk to Mahan St) 10.1 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Drummond Av (N Mahan St to N Down St) .5 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Mahan St (W Ridgecrest Bl to Upjohn Av) 1. mi.		2023
Ridgecrest - class II bike ln	Incorporated	Norma St (Bowman Rd to W Upjohn Av) .5 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Richmond Rd (Inyokern Rd to Ridgrecrest Bl) 2. mi.		2023
Ridgecrest - class II bike ln	Incorporated	Ridgecrest Bl (S Brady St to S Norma Streeet) 1.5 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Ridgecrest Bl SR 178 (Richmd Rd to San Bdno Bl) .8 mi.		2023
Ridgecrest - class II bike ln	Incorporated	S Gateway Bl (E Upjohn Av to Ridgecrest Bl) .5 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Sunland St (E Upjohn Av to Dolphin Av) 2. mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	Downs St (Inyokern Rd to Springer Av) 4. mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	Drummond Av (N China Lake Bl to French Av) .6 mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	E Rcrest Bl SR 178 (N Chna Lk Bl to S Richmd Rd) 1.2 mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	French Av (Drummond Av to N China Lake Bl) .8 mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	Norma St (W Upjohn Av to W Inyokern Rd) 2.5 mi.		2023
Ridgecrest - class III	County area	E Belle Vista Parkway (Gateway Bl to Summit St) 0.4 mi.		
Ridgecrest - class III	County area	E Dolphin Av (Gateway Bl to Lumill St) 0.5 mi.		
Ridgecrest - class III bike bl	Incorporated	Gold Canyon St (Ridgecrest Bl to Richmond Rd) 1.3 mi.		
Ridgecrest - class III bike bl	Incorporated	Rowe St (Knox Rd to Richmond Rd) 1. mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Ridgecrest - class III bike rte	Incorporated	N Brady St (China Lake Bl to Inyokern Rd) 4.7 mi.		
Ridgecrest - class III bike rte	Incorporated	Norma St (Bowman Rd to S China Lake Bl) .4 mi.		
Ridgecrest - class III bike rte	Incorporated	Pilot Plant Rd (Richmond Rd to East City Limits) .7 mi.		
Ridgecrest - class III bike rte	Incorporated	S Richmond Rd (E Ridgecrest Bl to Upjohn Av) .6 mi.		
Ridgecrest - class III bike rte	Incorporated	W Las Flores Av (N Brady St to N Mahan St) .5 mi.		
Ridgecrest - class III bike rte	Incorporated	W Ridgecrest Bl (N Norma St to N China Lake Bl) .5 mi.		
Ridgecrest - class IV cycle track	Incorporated	S China Lake Bl (W Springs Av to E Inyokern Rd) 4.5 mi.		
Rosamond - class II	County area	Rosamond Bl (SR 14 to Sierra Hwy .5 mi.		
Rosamond - class II	County area	Rosamond Bl (60th St to SR 14) 3.7 mi.		2023
Rosamond - class II	County area	Sierra Hwy (Rosamond Bl to LA County Line) 3 mi.		2023
Rosamond - class III	County area	Sierra Hwy (Rosamond Bl to Silver Queen Rd) 9.3 mi.		
Indian Wells V. - Caltrans shoulder	County area	SR 14 (US 395 to Athel Av) 1 mi.		2023
Indian Wells V. - Caltrans shoulder	County area	SR 178 (SR 14 to Sierra Hwy) 32.3 mi.		
Indian Wells V. - Caltrans shoulder	County area	SR 14 (Athel Av to SR 178) 5.9 mi.		2023
Indian Wells V. - Caltrans shoulder	County area	US 395 (Brown Rd to China Lake Bl) 10.1 mi.		2023
Indian Wells V. - Caltrans shoulder	County area	US 395 (Brown Rd to Inyo County Line 10.4 mi.		2023
Indian Wells V. - class III	County area	Garlock Rd (Redrock 18 mi.		
Indian Wells V. - class III signage only	County area	Athel Av (Us 395 to Brown Rd) 2.6 mi.		
Indian Wells V. - class III signage only	County area	Brown Rd (SR 14 to US 395) 20 mi.		
Indian Wells V. - class III signage only	County area	Brown Rd (US 395 Northern Overpass to US 395 Southern Overpass) 0.3 mi.		
Indian Wells V. - pave shoulder	County area	Brown Rd (Athel Av to US 395) 7.8 mi.		2023
Indian Wells V. - pave shoulder	County area	Brown Rd (US 395 Northern Overpass to US 395 Southern Overpass) 0.3 mi.		2023
Indian Wells V. - pave shoulder	County area	Brown Rd (US 395 to Ridgecrest Bl.) 8.2 mi.		2023
Indian Wells V. - pave shoulder	County area	Inyokern Rd (SR 178 Ridgecrest City Limits to SR 14) 9.2 mi.		2023
Inyokern - class II	County area	Broadway (Orchard Av to Plains Av) 0.5 mi.		
Shafter - class II	Incorporated	Santa Fe Wy (Driver Rd to Riverside St) 3.6 mi.		
Shafter - class II	County area	Fresno Av (Palm Av to Shafter Av) 4.1 mi.		
Shafter - class II	County area	Palm Av (Kimberlina Rd to Fresno Av) 3 mi.		
Shafter - class II	County area	Palm Av (Lupine Ct to Kimberlina Rd 1.5 mi.		
Shafter - class II	County area	Poplar Av (Fresno Av to Riverside St) 2 mi.		
Shafter - class II	County area	Riverside St (Central Valley Hwy to Driver Rd) 2.6 mi.		
Shafter - class II	County area	Riverside St (Poplar Av to Cherry Av) 2.5 mi.		
Shafter - class II	County area	Shafter Av (Sierra Av (Shafter) to Kimberlina Rd) 3.3 mi.		
Shafter - class II bike ln	Incorporated	Fresno Av (Palm Av to Cherry Av) 6.1 mi.		
Shafter - class II bike ln	Incorporated	Poplar Av (Fresno Av to Riverside St) 2. mi.		
Shafter - class II bike ln	Incorporated	Beech Av (SR 43 to 7th Std Rd) 4.8 mi.		2023
Shafter - class II buffered bike ln	Incorporated	Los Angeles Av (Mettler Av to Thompson St) .7 mi.		
Shafter - class II buffered bike ln	Incorporated	Shafter Av (Lerdo Hwy to Riverside St) 1. mi.		
Shafter - class II buffered bike ln	Incorporated	Shafter Av (Redwood Dr to Lerdo Hwy) .7 mi.		
Shafter - class II buffered bike ln	Incorporated	E Lerdo Hwy (Cherry Av to Mannel Av) 1.5 mi.		2023
Shafter - class II buffered bike ln	Incorporated	E Tulare Av (Mannel Av to N Beech Av) .5 mi.		2023
Shafter - class II buffered bike ln	Incorporated	Lerdo Hwy (Poplar Av to SR 43) 1.4 mi.		2023
Shafter - class II buffered bike ln	Incorporated	Mannel Av (E Tulare Av to E Lerdo Hwy) .5 mi.		2023
Shafter - class II buffered bike ln	Incorporated	Shafter Av (Poso Av to Lerdo Hwy) .7 mi.		2023

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Shafter - class III bike bl	Incorporated	E Tulare Av (Shafter Av to Mannel Av) .5 mi.		
Shafter - class III bike bl	Incorporated	James St (Shafter Av to E Lerdo Hwy) .4 mi.		
Shafter - class III bike bl	Incorporated	Mark Av (Knight St to N Valley St) .4 mi.		
Shafter - class III bike bl	Incorporated	N Beech Av (E Tulare Av to E Lerdo Hwy) .5 mi.		
Shafter - class III bike bl	Incorporated	N Wall St (Richland Dr to W Tulare Av) .2 mi.		
Shafter - class III bike bl	Incorporated	Poso Av (N Valley St to Shafter Av) .2 mi.		
Shafter - class III bike bl	Incorporated	Schnaidt St (W Los Angeles St to Mark Av) .7 mi.		
Shafter - class III bike bl	Incorporated	Valley St (Poso Av to Rodriguez Av) .7 mi.		
Shafter - class III bike rte	Incorporated	Beech Av (Fresno Av to Tulare Av) .5 mi.		
Shafter - class III bike rte	Incorporated	Burbank St (Drr Rd to Zachary Av) 1. mi.		
Shafter - class III bike rte	Incorporated	Cherry Av (Fresno Av to Riverside St) 2. mi.		
Shafter - class III bike rte	Incorporated	Drr Rd (Riverside St to Burbank St) 1. mi.		
Shafter - class III bike rte	Incorporated	E Los Angeles Av (Thompson St to SR 43) .8 mi.		
Shafter - class III bike rte	Incorporated	Mannel Av (Redwood Dr to E Tulare Av) .2 mi.		
Shafter - class III bike rte	Incorporated	Redwood Dr (Shafter Av to Mannel Av) .5 mi.		
Shafter - class III bike rte	Incorporated	Riverside St (SR 99 to Driver Rd) 5.1 mi.		
Shafter - class III bike rte	Incorporated	Shafter Av (Kimberlina Rd to Redwood Dr) 3.3 mi.		
Shafter - class III bike rte	Incorporated	Zachary Av (Burbank St to 7th Std Rd) 2. mi.		
Taft - class I	County area	Kern River Parkway (Western end of Path to Lake Buena Vista) 2.9 mi.		2023
Taft - class II	County area	A St (Arroyo Dr to Hilard St) 0.3 mi.		
Taft - class II	County area	Ash St (Emmons Park to Harrison St) 0.2 mi.		
Taft - class II	County area	Asher Av (Supply Row to South St) 0.5 mi.		
Taft - class II	County area	Cedar St (Division Rd to Tyler St) 0.4 mi.		
Taft - class II	County area	Cedar St (Harrison St to Airport Rd 1.6 mi.		
Taft - class II	County area	Division Rd (Grevillea St to Ash St) 0.7 mi.		
Taft - class II	County area	E Ash St (Adams St to Airport Rd) 0.9 mi.		
Taft - class II	County area	E St (Harding Av to 10th St) 0.6 mi.		
Taft - class II	County area	Elm St (Division Rd to Harrison St) 0.5 mi.		
Taft - class II	County area	General Petroleum (2nd St to Wood St) 0.4 mi.		
Taft - class II	County area	Grevillea St (Division Rd to Harrison St) 0.5 mi.		
Taft - class II	County area	Harding Av (A St to E St) 0.2 mi.		
Taft - class II	County area	Olive Av (Supply Row to Wood St) 0.3 mi.		
Taft - class II	County area	Pico St (S 6th St to Asher Wy) 0.1 mi.		
Taft - class II bike ln	Incorporated	SR 33 (Kern St to SR 119) .5 mi.		
Taft - class II bike ln	Incorporated	SR 33 (West City Limits to Cascade Pl) 1.2 mi.		
Taft - class II bike ln	Incorporated	10th St (Center St to F St) .7 mi.		2021
Taft - class II bike ln	Incorporated	A St (Terrace Dr to S 10th St) .9 mi.		2021
Taft - class II bike ln	Incorporated	Ash St (N 10th St to Airport Rd) 1.9 mi.		2021
Taft - class II bike ln	Incorporated	SR 119 (Midway Rd to South City Limits) 6.6 mi.		2023
Taft - class II bike ln	Incorporated	Wood St (S 10th St to SR 33) 1.1 mi.		2021
Taft - class II buffered bike ln	Incorporated	Cedar St (Division Rd to Airport Rd) 2.1 mi.		
Taft - class II buffered bike ln	Incorporated	Kern St SR 33 (Cascade Pl to 1st St) 1.2 mi.		
Taft - class II buffered bike ln	Incorporated	1st St (West Side Hwy SR 33 to Calvin St) .3 mi.		2021
Taft - class II buffered bike ln	Incorporated	2nd St (Calvin St to Williams Wy) .3 mi.		2021

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Taft - class II buffered bike ln	Incorporated	6th St (Oak St to Ash St) 1.1 mi.		2021
Taft - class III bike bl	Incorporated	2nd St (Calvin St to Supply Row) .6 mi.		2021
Taft - class III bike bl	Incorporated	Harding Av (A St to E St) .4 mi.		2021
Taft - class III bike bl	Incorporated	Oak St (Lierly Av to S 10th St) .2 mi.		2021
Taft - class III bike rte	Incorporated	Cadet Rd (SR 33 to Duval Rd) 2. mi.		
Taft - class III bike rte	Incorporated	Gardner Field Rd (SR 33 to East City Limits) 4.2 mi.		
Taft - class III bike rte	Incorporated	SR 33 (Cadet Rd to California St) 2.3 mi.		
Taft - class III bike rte	Incorporated	Airport Rd (Ash St to SR 119) 1.1 mi.		2021
Taft - class III bike rte	Incorporated	Church St (F St to Ranier Av) .9 mi.		2021
Taft - class III bike rte	Incorporated	Midoil Rd (Thomas St to Terrace Dr) .7 mi.		2021
Taft - class IV cycle track	Incorporated	10th St (Center St to Ash St) .6 mi.		2021
Taft - other	County area	Gardner Field Rd (County to Aqueduct) 1.5 mi.		
Taft - other	County area	Taft Path (Kern River Parkway to Gardner Field Rd) 10.6 mi.		
Tupman - other	County area	Tule Elk Reserve Path (Tupman Path to Tule Elk Reserve State Park) 1.3 mi.		
Tehachapi - class I shared use path	Incorporated	East City Path (Tucker Rd to Mount View Av) .5 mi.		
Tehachapi - class I shared use path	Incorporated	Class I (Orchard Path to Highline Rd) .3 mi.		2021
Tehachapi - class I shared use path	Incorporated	Tehachapi Bl (S Hayes St to Monolith St) 2. mi.		2023
Tehachapi - class I shared use path	Incorporated	Tehachapi Bl (Steuber Rd to Snyder Av) 1.4 mi.		2021
Tehachapi - class I shared use path	Incorporated	Valley Bl (S Snyder Av to Steuber Rd) 1.4 mi.		2021
Tehachapi - class II	County area	White Pine Dr (Tehachapi Bl to Mariposa Rd) 0.4 mi.		
Tehachapi - class II bike ln	Incorporated	Anita Dr (S Snyder Av to Dennison Rd) .4 mi.		
Tehachapi - class II bike ln	Incorporated	Challenger Dr (Burnett Rd to Capital Hills Pkwy) 1.1 mi.		
Tehachapi - class II bike ln	Incorporated	Cherry Ln (Tucker Rd to Elm St) .7 mi.		
Tehachapi - class II bike ln	Incorporated	Classico Dr (Pinon St to Alder Av) .1 mi.		
Tehachapi - class II bike ln	Incorporated	Dennison Rd (SR 58 to Highline Rd) 2.1 mi.		
Tehachapi - class II bike ln	Incorporated	E C St (Pepper Dr to S Snyder Av) .2 mi.		
Tehachapi - class II bike ln	Incorporated	E I St (N Curry St to N Mojave St) .4 mi.		
Tehachapi - class II bike ln	Incorporated	E J St (N Curry St to N Hayes St) .4 mi.		
Tehachapi - class II bike ln	Incorporated	E Orchard Pkwy (Classico Dr to S Curry St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	Enterprise Wy (Mill St to Tucker Rd) 1.1 mi.		
Tehachapi - class II bike ln	Incorporated	H St (N Green St to S Hayes St) .6 mi.		
Tehachapi - class II bike ln	Incorporated	Industrial Pkwy (N Mill St to N Curry St) .2 mi.		
Tehachapi - class II bike ln	Incorporated	Mojave St (J St to E H St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	N Curry St (E J St to W H St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	N Curry St (Industrial Pkwy to W J St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	N Mill St (Challenger Dr to W H St) .8 mi.		
Tehachapi - class II bike ln	Incorporated	Pepper Dr (S Mojave St to E C St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	Pinon St (Classico Dr to Applewood Dr) .1 mi.		
Tehachapi - class II bike ln	Incorporated	S Hayes St (Pepper Dr to E H St) .3 mi.		
Tehachapi - class II bike ln	Incorporated	E St (Mulberry St to S Mojave St) .7 mi.		2023
Tehachapi - class II bike ln	Incorporated	H St (N Mill St to N Green St) .6 mi.		2023
Tehachapi - class II bike ln	Incorporated	Mount View Av (W D St to Maple St) .1 mi.		2023
Tehachapi - class II bike ln	Incorporated	Pinon St (S Curry St to Brandon Ln) .5 mi.		2023
Tehachapi - class II bike ln	Incorporated	S Snyder Av (E Tehachapi Bl to Valley Bl) .5 mi.		2023

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Tehachapi - class II bike ln	Incorporated	Steuber Rd (E Tehachapi Bl to Highline Rd) 1.2 mi.		2023
Tehachapi - class II bike ln	Incorporated	Tehachapi Willow Springs Rd (E Teh Bl to Highline Rd) 1.1 mi.		2023
Tehachapi - class II bike ln	Incorporated	Tucker Rd SR 202 (Enterprise Wy to Tehachapi Bl) .7 mi.		2023
Tehachapi - class II buffered bike ln	Incorporated	E Tehachapi Bl (Dennison Rd to Teh Willow Spr Rd) 1. mi.		
Tehachapi - class II buffered bike ln	Incorporated	Tucker Rd (Tehachapi Bl to Highline Rd) 1.5 mi.		
Tehachapi - class II buffered bike ln	Incorporated	W Tehachapi Bl (Mt View Av to S Snyder Av) 1.2 mi.		
Tehachapi - class II buffered bike ln	Incorporated	W Valley Bl (McIntosh St to Las Colinas St) .3 mi.		
Tehachapi - class II shared use path	Incorporated	Pinon St (Brandon Ln to Dennison Rd) .5 mi.		2023
Tehachapi - class III bike bl	Incorporated	Brentwood Dr (Clearview St to Cherry Ln) .9 mi.		
Tehachapi - class III bike bl	Incorporated	Clearview St (Valley Bl to White Oak Dr) .3 mi.		
Tehachapi - class III bike bl	Incorporated	Elm St (Maple St to Cherry Ln) .5 mi.		
Tehachapi - class III bike bl	Incorporated	Maple St (Mt View Av to S Mill St) .3 mi.		
Tehachapi - class III bike bl	Incorporated	S Mojave St (E Tehachapi Bl to Pepper Dr) .3 mi.		
Tehachapi - class III bike bl	Incorporated	White Oak Dr (S Curry St to Clearview St) .2 mi.		
Tehachapi - class III bike rte	Incorporated	Applewood Dr (Elm St to Pinon St) .2 mi.		
Tehachapi - class III bike rte	Incorporated	Elm St (Cherry Ln to Applewood Dr) .2 mi.		
Tehachapi - class III bike rte	Incorporated	Pinon St (Applewood Dr to S Curry St) .2 mi.		
Tehachapi - class III bike rte	Incorporated	S Green St (H St to C St) .3 mi.		
BV Springs - class II	County area	Bear Valley Rd (Cumberland Rd to Hwy 202) 6.8 mi.		
BV Springs - class II	County area	Bear Valley Rd (SR 202 to Cummings Valley Rd) .25 mi.		
BV Springs - class II	County area	Bear Valley Rd (Cummings Valley Rd to Proposed Rd) 1.25 mi.		2023
BV Springs - other	County Area	Cumberland Rd (Bear Valley Rd to Bear Valley Springs) 3.6 mi.		
Cummings V. - class II	County area	Giraudo Rd (Pellisier Rd to Bailey Rd) 0.5 mi.		
Cummings V. - class II	County area	Pellisier Rd (Banducci Rd to Giraudo Rd) 2 mi.		
Golden Hills - Caltrans shoulder	County area	SR 202 (Tehachapi Bl to Bear Valley Rd) 5.7 mi.		
Golden Hills - class II	County area	Bailey Rd (Giraudo Rd to Cummings Valley Rd 1.5 mi.		
Golden Hills - class II	County area	Banducci Rd (Comanche Point Rd to Pellisier Rd) 2.5 mi.		
Golden Hills - class II	County area	Banducci Rd (SR 202 to Highline Rd) 0.2 mi.		
Golden Hills - class II	County area	Golden Hills Bl. (Santa Barbara Dr to Highline Rd 1.1 mi.		
Golden Hills - class II	County area	Old Town Rd (Mariposa Rd to Tehachapi Rd) 0.7 mi.		
Golden Hills - class II	County area	SR 202 (Bear Valley Rd to Woodford Tehachapi Rd) 5.7 mi.		
Golden Hills - class II	County area	SR 202 Valley Bl (Tucker Rd to Woodford Tehachapi Rd 1.5 mi.		
Golden Hills - class II	County area	Woodford Tehachapi Rd (202 Valley Bl to Highline Rd) 1 mi.		
Golden Hills - class II	County area	Cummings Valley Rd (Bailey Rd to Bear Valley Rd 1 mi.		2023
Golden Hills - class II	County area	Cummings Valley Rd (Bailey Rd to SR 202) 0.4 mi.		2023
Golden Hills - class II	County area	Highline Rd (Tucker Rd to Banducci Rd) 3.1 mi.		2023
Golden Hills - class III	County area	Stallion Springs Rd/Comanche Point Rd (Banducci Rd to Banducci Rd) 3.1 mi.		
Wasco - Caltrans shoulder	County area	Hwy 46 (Gun Club Rd to Magnolia Av) 8 mi.		2023
Wasco - class I shared use path	Incorporated	Filburn/McCombs Path (I-5 N to SR 43) 22.6 mi.		
Wasco - class I shared use path	Incorporated	Wasco Av & SR 46 (Filburn Av to Palm Av) 2.5 mi.		
Wasco - class I shared use path	Incorporated	Filburn/Central Av Path (Palm Av to North Palm Av) 2.5 mi.		2023
Wasco - class II	County area	Central Av (Filburn Av to Kimberlina Rd) 1.5 mi.		
Wasco - class II	County area	Kimberlina Rd (Magnolia Av to Shafter Av) 5.1 mi.		
Wasco - class II	County area	Magnolia Av (McCombs Rd to Kimbelina Rd) 4 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Wasco - class II bike ln	Incorporated	6th St (Broadway St to D St) .1 mi.		
Wasco - class II bike ln	Incorporated	Central Av (Filburn St to Jackson St) .5 mi.		
Wasco - class II bike ln	Incorporated	Central Av (Flower St to Poso Av) .3 mi.		
Wasco - class II bike ln	Incorporated	D St (Filburn St to 4th St) 1.3 mi.		
Wasco - class II bike ln	Incorporated	E St (6th St to SR 46) .4 mi.		
Wasco - class II bike ln	Incorporated	Filburn St (Central Av to G St) 1.4 mi.		
Wasco - class II bike ln	Incorporated	Jackson St (Central Av to Shared Use Path) 1.5 mi.		
Wasco - class II bike ln	Incorporated	SR 46 (East City Limits to SR 43) .6 mi.		2023
Wasco - class II buffered bike ln	Incorporated	4th St (F St to G St) .1 mi.		
Wasco - class II buffered bike ln	Incorporated	6th St (D St to Wasco Av) .5 mi.		
Wasco - class II buffered bike ln	Incorporated	Central Av (Paso Robles Hwy SR 46 to Posos Av) 1. mi.		
Wasco - class II buffered bike ln	Incorporated	Palm Av (Gromer Av to Jackson St) 2.5 mi.		
Wasco - class II buffered bike ln	Incorporated	Poplar Av (Filburn St to Sunset St) .8 mi.		
Wasco - class II buffered bike ln	Incorporated	7th St (Central Av to Griffith Av) 1. mi.		2023
Wasco - class III bike bl	Incorporated	16th St (Shamrock Ct to G St) .5 mi.		
Wasco - class III bike bl	Incorporated	1st St (Peters St to E St) .9 mi.		
Wasco - class III bike bl	Incorporated	5th St (Woodside Dr to G St) 1.4 mi.		
Wasco - class III bike bl	Incorporated	7th St (G St to Griffith Av) .5 mi.		
Wasco - class III bike bl	Incorporated	9th Pl (Beckes St to D St) 1. mi.		
Wasco - class III bike bl	Incorporated	9th St (G St to D St) .2 mi.		
Wasco - class III bike bl	Incorporated	Beckes St (Camellia St to SR 46) 1.2 mi.		
Wasco - class III bike bl	Incorporated	Krista St (Beckes St to Central Av) .3 mi.		
Wasco - class III bike bl	Incorporated	Poplar Av (Sunset Av to SR 46) .7 mi.		
Wasco - class IV cycle track	Incorporated	SR 46 (Central Av to F St) 1.4 mi.		
Wasco - class IV cycle track	Incorporated	SR 43 (Paso Robles Hwy SR 46 to Filburn St) 1.5 mi.		
Wasco - complete streets	Incorporated	Griffith St (Gromer Av to Jackson St) 2.5 mi.		
Weldon - Caltrans shoulder	County area	SR 178 (Kelsy Valley Creek Rd to Kelso Valley Rd) 1.2 mi.		
Weldon - class II	County area	Kelso Valley Rd (SR 178 to Adams Dr) 1.8 mi.		
Weldon - class III	County area	Kelso Valley Rd/Kelso Creek Rd (SR 178 to Loops Back to SR 178) 9.7mi.		
Various locations	Metro. Bak.	Improve non-motorized access to High Speed Rail Station		
Various locations	**Countywide**	**Construct Pedestrian Enhancement Improvements**	**77,500,000**	
Various locations	**Countywide**	**Construct Complete Streets Improvements**	**261,000,000**	
		Sub-total	**$424,000,000**	

2025 through 2049 - Freight Rail

Project	Location	Scope	YOE Cost	Project ID	Start
Freight Rail	Tehachapi	Double-track sections (Bakersfield to Mojave - Phase 2	$90,000,000		
Freight Rail	Shafter/Baksfld.	Intermodal Rail Facility - Phase 3	$60,000,000		
Freight Rail	County/Mojave	Mojave Inland Port Intermodal Rail Facility - Phase 3	$300,000,000		
Freight Rail	Countywide	Private Sector Rail Network Improvments	$50,000,000		
		(Information only) Sub-total	**$500,000,000**		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2029 - Major Hwy Improvements

Project	Location		YOE Cost	Project ID	Start Const.
~~Route 46~~	~~Lost Hills~~	~~Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4B~~ **COMPLETE**	~~40,000,000~~	~~KER08RTP018~~	~~2022~~
Route 46	Lost Hills	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4C	37,000,000	KER08RTP018	2025
Route 58	Metro Bkfd	Rosedale Hwy @ Minkler Spur / Landco - construct grade separation	27,000,000	KER08RTP118	2026
Route 58	County	General Beale Rd to E. of Broome Rd - Construct truck climbing lanes	99,000,000	KER22RTP006	2025
Route 58	County	SR 58 OC to Edwards Air Force Base OC - improve access to EAFB (Phase 1)	40,000,000	KER22RTP007	2027
Route 65	Metro Bkfd	James Rd to Merle Haggard Dr - safety widening, traffic flow improvements	3,000,000	KER08RTP094	2025
Route 99	Bakersfield	Olive Drive - construct interchange upgrades	6,100,000	KER08RTP091	2026
Route 184	Metro Bkfd	At Union Pacific Railroad - construct grade separation	26,400,000	KER08RTP108	2026
Route 204	Bakersfield	F St - construct interchange	61,700,000	KER08RTP081	2025
Centennial Corridor	Bakersfield	At Rte 99 & 58 – Construct operational improvements	100,000,000	KER22RTP003	2025
Centennial Corridor	Bakersfield	Stockdale Hwy (SR 43 to Heath Rd - safety widening, traffic flow impvmts.	59,000,000	KER22RTP005	2026
Cherry Av	Bksfld/Shafter	Intermodal Rail Freight Hub Connector Improvements - Phase I	50,000,000	KER23RTP???	2027
Hageman Flyover	Bakersfield	Knudsen Dr to Rt 204 - construct extension	68,900,000	KER08RTP013	2025
		Sub-total	**$637,100,000**		

2030 through 2034 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - safety widening, traffic flow improvements (Ph. 2)	42,000,000	KER08RTP017	2031
Route 119	Taft	Cherry Ave to Elk Hills Rd - safety widening, traffic flow impvmts. (Ph. 1 bypass)	115,000,000	KER08RTP022	2031
Route 178	Metro Bkfd	Near Oswell St to Vineland Rd - safety widening, traffic flow improvements	17,000,000	KER08RTP111	2031
Route 184	Bakersfield	Morning Dr to Rt 178 - safety widening, traffic flow improvements	5,000,000	KER08RTP101	2032
		Sub-total	**$397,293,000**		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2035 through 2039 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - safety widening, traffic flow improvements (Ph. 3)	$32,000,000	KER08RTP024	2036
Route 58	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	$32,600,000	KER08RTP103	2036
Route 58	Bakersfield	Union Ave to Fairfax Rd - safety widening, traffic flow improvements	47,400,000	KER08RTP093	2036
Route 99	Bakersfield	Beardsley Canal to 7th Standard Rd - safety widening, traffic flow improvements	90,800,000	KER08RTP138	2036
Route 99	Bakersfield	At Olive Drive - reconstruct interchange	108,000,000	KER08RTP021	2036
Route 99	Bakersfield	At Snow Rd - construct new interchange	138,200,000	KER08RTP115	2036
Route 99	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	37,000,000	KER08RTP105	2036
Route 119	Metro Bkfd	I-5 to Buena Vista - safety widening, traffic flow improvements	31,300,000	KER08RTP099	2036
Route 178	Bakersfield	At Rt 204 and 178 - reconstruct ramps (HOV - ramp metering)	50,000,000	KER08RTP085	2036
Route 178	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	37,000,000	KER08RTP106	2036
Route 178	Bakersfield	Existing west terminus to Oswell St - safety, traffic flow improvments (HOV)	140,500,000	KER08RTP026	2036
Route 184	Lamont/Fuller Acres	Panama Rd to Rt 58 - safety widening, traffic flow improvements	10,500,000	KER08RTP100	2036
Route 184	Bakersfield	Rt 58 to Rt 178 - safety widening, traffic flow improvements	90,000,000	KER08RTP045	2036
Route 204	Bakersfield	Airport Drive to Rt 178 - safety widening, traffic flow improvements	55,000,000	KER08RTP083	2036
7th Standard Rd	Shafter/Bkfd	Rt 43 to Santa Fe Wy - safety widening, traffic flow improvements	14,000,000	KER08RTP113	2036
West Urban Corridor	Metro Bkfd	White Lane to Westside Parkway - construct new facility	115,793,000	KER08RTP139	2036
West Urban Corridor	Metro Bkfd	Rosedale Hwy to 1/2 mile north of 7th Standard Rd - construct new facility	115,793,000	KER08RTP102	2035
West Urban Corridor	Metro Bkfd	Rosedale Hwy to Westside Parkway - construct new facility	93,500,000	KER08RTP016	2035
		Sub-total	**$1,239,386,000**		

2040 through 2049 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 119	Taft	Elk Hills - County Rd to Tupman Ave - safety widening, traffic flow impvmts. (Ph. 2)	48,000,000	KER08RTP086	2046
Route 178	Metro Bkfd	Vineland to E. of Alfred Harrell Hwy - new freeway segment, interchange	119,000,000	KER08RTP025	2046
Route 178	Bakersfield	Miramonte to Rancheria - safety widening, traffic flow improvements	19,800,000	KER08RTP084	2046
US 395	Ridgecrest	Between Rt 178 and China Lake Blvd - construct passing lanes	20,000,000	KER08RTP089	2046
West Urban Corridor	Metro Bkfd	Taft Hwy to White Lane - construct new facillity	90,000,000	KER08RTP097	2046
		Sub-total	**$296,800,000**		
		Total Major Hwy Improvements	**$2,203,286,000**		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Local Streets and Roads

Project	Location	Scope	YOE Cost	Project ID	Start
Various Locations	Metro Bkfd	Bridge and street widening; reconstruction	$540,000,000		
Various Locations	Metro Bkfd	Signalization	15,000,000		
Various Locations	Rosamond	Street widening; signalization	112,000,000		
Various Locations	Countywide	Transportation Control Measures	386,000,000		
Various Locations	Countywide	Bridge and street widening; reconstruction; signalization	632,000,000		
		Sub-total	**$1,685,000,000**		

* Note: Adjustments to programming were made regarding the overlap of HOV related improvements listed separately (regionally significant Hwy improvements.

2025 through 2049 - Summary of Constrained Projects

Program Category	Totals
Transit / Rail / High Speed Rail	**2,072,200,000**
Operational Improvements - HOV Lanes / Ramp Metering	**297,000,000**
Pedestrian Complete Streets and Bicycle Improvements	**424,000,000**
Local Streets and Rds	**1,685,000,000**
Major Hwy Improvements 2025-2029	**$637,100,000**
Major Hwy Improvements 2030-2049*	**1,751,186,000**
Freight Rail	**500,000,000**
Grand Total	**$6,976,486,000**

2025 STATUS: 1) EXPECTED TO BE CONSTRUCTED; 2) UNDER CONSTRUCTION; OR 3) CONSTRUCTED

STATUS	Project	Location	Scope	YOE Cost	Project ID	Start
1	Freight Rail	Tehachapi	Double-track sections (Bakersfield to Mojave	$111,700,000		2017
1	Freight Rail	Shafter	Shafter Intermodal Rail Facility Phase II - Container Yard	30,000,000		2017
3	Route 99	Metro Bkfd	Hosking Ave - construct interchange	31,000,000	KER08RTP009	2014
3	Route 58	Metro Bkfd	Rosedale Hwy - Calloway Dr to Rt 99 - widen existing Hwy	29,000,000	KER08RTP007	2014
2	Route 46	Lost Hills	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4A	27,000,000	KER14RTP001	2016
3	Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase1)	42,000,000	KER08RTP006	2016
3	Route 178	Bakersfield	Vineland Rd to east of Miramonte Dr - widen existing Hwy	54,000,000	KER08RTP011	2014
3	24th St Improve	Bakersfield	Rt 178 (24th/23rd St) (SR-99 to M Street - widen existing Hwy	55,000,000	KER08RTP014	2015
				$379,700,000		

TABLE 5.2 - Unconstrained Program of Projects

Beyond 2049 - Transit

Project	Location	Scope	YOE Capital Cost
Local Passenger Rail	Shafter, Bakersfield	Amtrak San Joaquins stop in North/West Bakersfield - platform, track turnout , park&ride, ticket both, RoW (2012 Commuter Rail Study)	$5,000,000
Local Passenger Rail	Shafter, Bakersfield	Up to 4 Amtrak San Joaquins stops on BNSF - platform, track turnout , park&ride, ticket both, RoW (2012 Commuter Rail Study)	$20,000,000
Local Passenger Rail	Wasco, Bakersfield	Positive Train Control Port Chicago - Bakersfield (Draft 2012 State Rail Plan)	$24,000,000
Local Passenger Rail	Shafter, NW Bakersfield	Double Track BNSF Jastro/Landco to Shafter (Draft 2012 State Rail Plan)	$71,300,000
Local Passenger Rail	Shafter, Wasco	Double Track BNSF Shafter to Wasco (Draft 2012 State Rail Plan)	$37,000,000
Local Passenger Rail	NW Bakersfield	Jastro Curve Realignment (Draft 2012 State Rail Plan)	$50,000,000
Local Passenger Rail	Wasco, Bakersfield	Corridor Wide Signal Upgrades to 90 MPH - Oakland to Bakersfield (Draft 2012 State Rail Plan)	$55,000,000
Local Passenger Rail	Wasco, County	Double Track BNSF Wasco to Corcoran (Draft 2012 State Rail Plan)	$200,000,000
Local Passenger Rail	Eastern California	Mammoth Lakes to Lancaster/Palmdale (2005 E. Sierra Public Transit Study)	$3,335,000,000
Local Passenger Rail	Metro Bakersfield	Rail Connections to High Speed Rail Station	$200,000,000
Commuter Rail	Buttonwillow, SW Bakersfield	Metro/Southwest Corridor (2012 Commuter Rail Study)	$158,300,000
Commuter Rail	Arvin, Lamont, SE Bakersfield	Metro/Southeast Corridor (2012 Commuter Rail Study)	$162,400,000
Commuter Rail	Wasco, Shafter, NW Bakersfield	Metro/Northwest Corridor (2012 Commuter Rail Study)	$220,600,000
Commuter Rail	Mojave, Cal City, Tehachapi	Metrolink Service Extension - Tehachapi Corridor (2012 Commuter Rail Study)	$231,300,000
Commuter Rail	Delano, McFarland	Metro/Airport, Delano Corridor (2012 Commuter Rail Study)	$317,800,000
Light Rail	Bakersfield	Metropolitan Bakersfield Light Rail System (2012 Long Range Transit Plan)	$4,000,000,000
High Speed Rail	Kern, L.A. County	Northwest of Bakersfield to Palmdale (potential *early* initial operating segment from Madera to Palmdale Metrolink Service)	$20,000,000,000
		Sub-total	**$29,087,700,000**

TABLE 5.2 - Unconstrained Program of Projects Continued

Beyond 2049 - Freight rail

Project	Location	Scope	YOE Cost	Project ID
Intermodal hub	Delano	RailEx Expansion Phase 3 (Draft SJV Interregional Goods Movement Plan IGM)	$20,000,000	
Intermodal hub	Shafter	Shafter Inland Port Phases 2 & 3 (Draft SJV IGMP)	$60,000,000	
shortline rail	Delano, Shafter, McFarland	Shortline Rail Rehabilitation and Gap Closure (Draft SJV IGMP)	$100,000,000	
shortline rail	Bakersfield	SJVR - Expand Bakersfield Yard Capacity (Draft SJV IGMP)	$250,000,000	
shortline rail	Arvin, Tejon, Buttonwillow	SJVR - Shortline Rail Improvments (Draft SJV IGMP)	$100,000,000	
shortline rail	Mojave	Mojave - Airport Rail Access Improvements (Draft SJV IGMP)	$3,000,000	
		Sub-total	**$533,000,000**	

Beyond 2049 - Active Transportation

Project	Scope	YOE Cost	Project ID
Future long-range non-motorized updates for bicycle and pedestrian related infrastructure may indicate a greater need for capital improvements. During the life of this plan, current expectations may be met as outlined in recent long-range bike and pedestrian studies and reflected in Table 5.1. Should these expectations change in the future this plan will be updated.			
	Sub-total	**$0**	

Beyond 2049 - Aviation

Airport	Scope	YOE Cost	Project ID
Bakersfield Municipal	Capital Improvements	$5,698,350	
California City Municipal	Capital Improvements	$4,799,107	
Delano Municipal	Capital Improvements	$1,170,000	
Elk Hills - Buttonwillow	Capital Improvements	$0	
Inyokern	Capital Improvements	$16,645,000	
Kern Valley	Capital Improvements	$5,215,000	
Lost Hills - Kern County	Capital Improvements	$0	
Meadows Field	Capital Improvements	$54,633,336	
Mojave Air and Space Port	Capital Improvements	$102,341,722	
Poso - Kern County	Capital Improvements	$460,000	
Shafter - Minter Field	Capital Improvements	$8,280,000	
Taft	Capital Improvements	$2,052,000	
Tehachapi Municipal	Capital Improvements	$9,860,000	
Wasco - Kern	Capital Improvements	$0	
	Sub-total	**$211,154,515**	

TABLE 5.2 - Unconstrained Program of Projects Continued

Major Highway Improvements

Project	Location	Scope	YOE Cost	Project ID
Beyond 2049 - Major Highway Improvements				
Interstate 5	Kern	From Fort Tejon to Rt 99 - widen to ten lanes	$86,000,000	KER08RTP027
Interstate 5	Kern	Grapevine interchange - construct new interchange / relocate weigh station	$176,000,000	KER18RTP004
Interstate 5	Kern	Laval Road - interchange improvements	$4,000,000	KER18RTP005
Interstate 5	Kern	7th Standard Rd Interchange - reconstruct	54,000,000	KER08RTP028
Route 14	Kern	Purdy Rd - interchange & grade separated overpass at UPRR Xing	60,000,000	KER22RTP008
Route 14	Kern	Silver Queen / Backus / Dawn Rd - grade separated overpass at UPRR Xing	120,000,000	KER22RTP009
Route 33	Maricopa	Welch St to Midway Rd - widen to four lanes	88,000,000	KER08RTP029
Route 43	Shafter	7th Standard Rd to Euclid Ave - widen to four lanes	37,000,000	KER08RTP030
Route 46	Wasco	I-5 to Jumper Ave - widen to four lanes	118,000,000	KER08RTP031
Route 46	Wasco	Jumper Ave (North) to Rt 43 - widen to four lanes	130,000,000	KER08RTP079
Route 46	Wasco	Rt 46 @ BNSF - construct grade separation	39,500,000	KER08RTP119
Route 46	Kern	Near Lost Hills at Interstate 5 - upgrade and widen interchange	130,000,000	KER08RTP033
Route 46	Wasco	Rt 43 to Rt 99 - widen to four lanes	70,000,000	KER08RTP032
Route 58	Kern	Rosedale Highway - I-5 to Rt 43 - widen to four lanes	31,000,000	KER08RTP038
Route 58	Bakersfield	Future Rt 58 from I-5 to Heath Rd at Stockdale Hwy - construct new freeway	500,000,000	KER08RTP114
Route 58	Tehachapi	Dennison Rd - construct interchange	33,000,000	KER08RTP036
Route 58	Bakersfield	Near General Beale Rd - new truck weigh station	11,000,000	KER08RTP034
Route 58	Kern/Tehachapi	West of Tehachapi to General Beale Rd - truck auxillary lanes / escape ramp	86,000,000	KER08RTP035
Route 58	Bakersfield	General Beale Rd - construct new interchange	54,000,000	KER08RTP037
Route 58	Tehachapi	E. Tehachapi Blvd. - Construct Interchange operational / safety Improvements	18,000,000	KER22RTP005
Route 58	California City	Business 58 OC to Edwards Air Force Base OC - convert to freeway	112,000,000	KER22RTP004
Route 65	Kern	Merle Haggard Dr to County Line - widen to four lanes	216,000,000	KER08RTP039
Route 99	McFarland	Construct new interchange at Hanawalt	88,811,000	KER18RTP001
Route 99	County/Bkfd	Rt 99 @ Minkler Spur - construct grade separation	69,000,000	KER08RTP134
Route 99	County/Bkfd	7th Standard Road to Lerdo Highway - widen to 8 lanes	90,000,000	KER18RTP003
Route 119	Taft	Rt 33 to Cherry Ave - widen to four lanes	54,000,000	KER08RTP040
Route 119	Taft	Tupman Rd to I-5 - widen to four lanes	60,000,000	KER08RTP041
Route 155	Delano	Rt 99 to Browning Rd - four lanes; reconstruct	32,000,000	KER08RTP042
Route 155	Delano	Rt 155 @ UPRR - construct grade separation	39,500,000	KER08RTP120
Route 166	Maricopa	Basic School Rd - reconstruct intersection grade	517,582	KER08RTP043
Route 178	Kern Canyon	Vineland to China Garden - new freeway	500,000,000	KER08RTP044
Route 204	Bakersfield	(Golden State Ave) Rt 99 to M St - construct operational improvements	100,000,000	KER08RTP082
Route 202	Tehachapi	Tucker to Woodford-Tehachapi Rd - widen to four lane	9,704,661	KER08RTP047
Route 223	Near Arvin	Rt 99 to Rt 184 - widen to four lanes	69,010,921	KER08RTP048
Route 223	Arvin	East Arvin city limits to Rt 58 - widen to four lanes	64,697,738	KER08RTP049

TABLE 5.2 - Unconstrained Program of Projects Continued

Major Highway Improvements

Project	Location	Scope	YOE Cost	Project ID
Beyond 2049 - Major Highway Improvements				
US 395	Johannesburg	San Bdo County Line to Rt 14 - widen to four lanes	244,000,000	KER08RTP050
Southern Urban Corridor	Bakersfield	I-5 to Rt 58 - new facility	$610,000,000	KER08RTP074
Santa Fe Way	Bakersfield	Hageman to Los Angeles Ave - widen to four lanes	127,238,885	KER08RTP051
Eastern Urban Corridor	Bakersfield	Rt 58 to Morning Drive - construct new facility	200,000,000	KER08RTP078
Beale Road	Bakersfield	L St/Beale @ BNSF - construct grade separation	69,000,000	KER08RTP127
Q Street	Bakersfield	Q St @ UPRR near Golden State Hwy - construct grade separation	59,000,000	KER08RTP136
Comanche Drive	Cnty/Bkfd	Comanche Dr. @ UPRR - construct grade separation	59,000,000	KER08RTP123
Olive Drive	County/Bkfd	Olive Dr. @ UPRR - construct grade separation	69,000,000	KER08RTP129
Renfro Road	County/Bkfd	Renfro Rd @ BNSF - construct grade separation	59,000,000	KER08RTP130
California City Blvd	California City	Rt 14 east six miles - widen to four lanes	22,000,000	KER08RTP052
Twenty Mule Team Rd	California City	California City Blvd to Rt 58 - widen to four lanes	21,565,913	KER08RTP053
North Gate Road	California City	California City Blvd to North Edwards - construct new four lane road	60,384,555	KER08RTP054
Woollomes Ave.	Delano	Rt 99 - widen bridge to four lanes; reconstruct ramps	134,000,000	KER08RTP056
Garces Highway	Delano	Interstate 5 to Rt 99 - widen to four lanes	288,983,230	KER08RTP057
Cecil Ave.	Delano	Wasco Pond Rd to Albany St - widen to four lanes	17,800,000	KER08RTP055
Kimberlina Road	Kern / Wasco	Kimberlina Rd @ BNSF - construct grade separation	59,000,000	KER08RTP132
Red Apple Rd	Kern	Tucker Rd to Westwood Blvd - widen to four lanes	4,313,183	KER08RTP058
Sierra Way	Kern	Lake Isabella at South Fork Bridge - reconstruct bridge	51,758,190	KER08RTP059
Frazier Park	Kern	Park and Ride facility near Frazier Park Blvd	12,939,548	KER08RTP060
Wheeler Ridge Rd	Kern	I-5 to Rt 223 - widen to four lanes	129,395,476	KER08RTP061
K Street	Kern	Mojave - extend K St to Rt 14	12,939,548	KER08RTP063
Kratzmeyer Road	Kern	Kratzmeyer Rd @ BNSF - construct grade separation	59,000,000	KER08RTP128
Airport Drive	Kern	Airport Dr. @ UPRR - construct grade separation	69,000,000	KER08RTP131
Rosamond Blvd	Kern	Rosamond Blvd @ UPRR - construct grade separation	69,000,000	KER08RTP133
K Street	Kern / Mojave	K St @ UPRR - construct grade separation	69,000,000	KER08RTP135
Elmo Highway	McFarland	Elmo Hwy @ UPRR - construct grade separation	69,000,000	KER08RTP124
Dennison Road	Tehachapi	Green St/ Dennison Rd @ UPRR - construct grade separation	69,000,000	KER08RTP121
Teh. Willow Springs Rd	Tehachapi	Rt 58 to Rosamond Blvd - widen to four lanes	150,961,389	KER08RTP064
Valley Blvd	Tehachapi	Tucker Rd to Curry St - widen to four lanes	23,722,504	KER08RTP065
Kern Ave.	McFarland	Pedestrian bridge at Rt 99 - reconstruct	5,391,470	KER08RTP066
Mahan St	Ridgecrest	Inyokern to South China Lake Blvd - widen to four lanes	32,348,869	KER08RTP067
Richmond Rd	Ridgecrest	E Ridgecrest Blvd - widen to four lanes	6,469,774	KER08RTP068
Bowman Rd	Ridgecrest	China Lake to San Bernardino Blvd - reconstruct	4,313,183	KER08RTP069

TABLE 5.2 - Unconstrained Program of Projects Continued

Major Highway Improvements

Project	Location	Scope	YOE Cost	Project ID
Beyond 2049 - Major Highway Improvements				
S. China Lake Blvd	Ridgecrest	Rt 395 to College Heights - reconstruct	$36,662,052	KER08RTP070
Lerdo Highway	Shafter	Lerdo Hwy / Beech Ave @ BNSF - construct grade separation	69,000,000	KER08RTP125
Burbank Street	Shafter	Burbank St @ BNSF - construct grade separation	59,000,000	KER08RTP126
7th Standard Rd	Shafter	I-5 to Santa Fe Way - widen to four lanes	90,576,833	KER08RTP072
Zachary Rd	Shafter	7th Standard Rd to Lerdo Hwy - widen to four lanes	34,505,460	KER08RTP073
North Urban Corridor	Shafter	I-5 to SR 65 - Burbank Street Alignment - construct new highway	500,000,000	KER18RTP002
West Urban Corridor	South metro	Taft Hwy to I-5 - extend facility	100,000,000	KER08RTP075
West Urban Corridor	North metro	7th Standard Rd to Rt 99 -extend facility	100,000,000	KER08RTP076
		Sub-total	**$7,279,011,961**	

Beyond 2049 - Local Streets and Roads

Project	Location	Scope	YOE Cost	Project ID
Various Locations	Region	Bridge and street widening; reconstruction; signalization	$500,000,000	
		Sub-total	**$500,000,000**	

Beyond 2049 - Summary of Unconstrained Projects

Program Category		Totals
Major Highway Improvements	**$**	**7,279,011,961**
Local Streets and Roads	**$**	**500,000,000**
Transit	**$**	**29,087,700,000**
Active Transportation	**$**	**-**
Aviation	**$**	**211,154,515**
Grand Total	**$**	**37,077,866,476**

KERN COUNTY SUBAREA SUMMARY

County Subarea				
RTP 20+ Year Expenditure Program Summary By Subarea Together with Forecast of Existing and Potential New Funding Sources		**Year of Expenditure (YOE) with new revenue**	**Percent of expendi-tures county-wide[1]**	**Leveraged cost savings from maintenance /inflation2**
		Over 20 Year Period ($ estimates x 1,000)		
Countywide				
Early Expenditures	**Fix-It-First, Keep-It-Local / Cost-Efficient**	**$4,129,291**	**48.3%**	**$1,940,767**
	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control Measures (TCMs)			
	Advanced Tech, Safe, Clean Transportation	**$1,347,892**	**15.8%**	**$0**
	safer; healthy; efficient; air quality; pedestrian; bicycle; senior/disabled and advanced tech transit; transportation enhancements			
	Ready-To-Go, Regional Projects	**$3,073,262**	**35.9%**	**$504,491**
	first 1-15 years of the plan - Includes major roadway and other major projects funded in the RTP ready or nearing readiness			
	Early Expenditures Subtotal (fully funded)	**$8,550,445**	**100.0%**	**$2,445,258**
	Next-In-Line, Regional Projects	**$9,887,089**		**$3,273,047**
	reinvests anticipated cost savings as projects are environmentally cleared, designed and made ready; unfunded projects identified in the RTP/CIP			
	[1]Total Expenditure Plan	**$18,437,534**		**$5,718,305**

Subareas

Arvin-Lamont				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$218,070		$102,493
	Advanced Tech, Safe, Clean Transportation	$71,654		$0
	Ready-To-Go, Regional Projects Benefiting Subarea	$240,826		$37,374
	Early Expenditures Subtotal	**$530,550**	**6.2%**	**$139,867**
	Next-In-Line, Regional Projects Benefiting Subarea	$467,180		$150,924
	[1]All Projects Benefiting Subarea	**$997,731**	**5.4%**	**$290,791**
	Share of County Population		4.5%	
Frazier Park				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$69,829		$32,820
	Advanced Tech, Safe, Clean Transportation	$15,448		$0
	Ready-To-Go, Regional Projects Benefiting Subarea	$144,548		$67,219
	Early Expenditures Subtotal	**$229,825**	**2.7%**	**$100,039**
	Next-In-Line, Regional Projects Benefiting Subarea	$167,692		$113,519
	[1]All Projects Benefiting Subarea	**$397,517**	**2.2%**	**$213,557**
	Share of County Population		1.0%	
Indian Wells Valley				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$164,077		$77,116
	Advanced Tech, Safe, Clean Transportation	$45,689		$0
	Ready-To-Go, Regional Projects Benefiting Subarea	$274,316		$52,684
	Early Expenditures Subtotal	**$484,082**	**5.7%**	**$129,800**
	Next-In-Line, Regional Projects Benefiting Subarea	$585,900		$188,929
	[1]All Projects Benefiting Subarea	**$1,069,982**	**5.8%**	**$318,729**
	Share of County Population		4.1%	
Lake Isabella				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$213,806		$100,489
	Advanced Tech, Safe, Clean Transportation	$22,837		$0
	Ready-To-Go, Regional Projects Benefiting Subarea	$346,731		$70,969
	Early Expenditures Subtotal	**$583,375**	**6.8%**	**$171,458**
	Next-In-Line, Regional Projects Benefiting Subarea	$568,200		$183,558
	[1]All Projects Benefiting Subarea	**$1,151,575**	**6.2%**	**$355,016**
	Share of County Population		2.0%	

KERN COUNTY SUBAREA SUMMARY

County Subarea				
RTP 20+ Year Expenditure Program Summary By Subarea Together with Forecast of Existing and Potential New Funding Sources		**Year of Expenditure (YOE) with new revenue**	**Percent of expendi-tures county-wide[1]**	**Leveraged cost savings from maintenance /inflation2**
		Over 20 Year Period ($ estimates x 1,000)		
Metro Bakersfield				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$1,873,539		$880,563
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$892,357		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$2,440,239		$340,447
Early Expend.	**Early Expenditures Subtotal**	**$5,206,134**	**60.9%**	**$1,221,011**
	Next-In-Line, Regional Projects Benefiting Subarea	$6,154,188		$2,013,585
	[1]All Projects Benefiting Subarea	**$11,360,322**	**61.6%**	**$3,234,596**
	Share of County Population		61.5%	
North Kern				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$795,940		$374,092
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$160,515		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$328,521		$92,464
Early Expend.	**Early Expenditures Subtotal**	**$1,284,975**	**15.0%**	**$466,556**
	Next-In-Line, Regional Projects Benefiting Subarea	$2,168,193		$702,460
	[1]All Projects Benefiting Subarea	**$3,453,168**	**18.7%**	**$1,169,015**
	Share of County Population		14.8%	
Southeast Kern				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$356,667		$167,633
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$59,915		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$259,199		$47,801
Early Expend.	**Early Expenditures Subtotal**	**$675,781**	**7.9%**	**$215,434**
	Next-In-Line, Regional Projects Benefiting Subarea	$893,656		$268,968
	[1]All Projects Benefiting Subarea	**$1,569,437**	**8.5%**	**$484,402**
	Share of County Population		5.3%	
Taft-Maricopa				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$196,345		$92,282
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$31,292		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$229,616		$54,684
Early Expend.	**Early Expenditures Subtotal**	**$457,252**	**5.3%**	**$146,966**
	Next-In-Line, Regional Projects Benefiting Subarea	$1,125,511		$373,006
	All Projects in Subarea	$961,025		$309,711
	[1]All Projects Benefiting Subarea	**$1,582,764**	**8.6%**	**$519,972**
	Share of County Population		2.6%	
Tehachapi				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$241,018		$113,279
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$48,185		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$220,971		$50,029
Early Expend.	**Early Expenditures Subtotal**	**$510,175**	**6.0%**	**$163,307**
	Next-In-Line, Regional Projects Benefiting Subarea	$1,478,246		$467,229
	[1]All Projects Benefiting Subarea	**$1,988,421**	**10.8%**	**$630,536**
	Share of County Population		4.3%	

[1]Projects Benefitting Subareas do not add to 100% because some projects benefit more than one subarea.

[2]Leveraged cost savings subject to amount of new revenue sources that become available.

ARVIN-LAMONT SUBAREA

Subarea Includes the City of Arvin, unincorporated communities (county areas) of Lamont, Di Georgio and Weedpatch		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new reven**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Arvin - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 13,392**	**$ 13,392**	**$ 6,294**
Arvin - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans	$ 40,340	$ 40,340	$ 18,960
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 30,276**	**$ 30,276**	**$ 14,230**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans	$ 103,807	$ 103,807	$ 48,789
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 30,256	$ 30,256	$ 14,220
Fix-It-First, Keep-It-Local / Cost-Efficier	**Sub-total Projects in Subarea**	**$ 218,070**	**$ 218,070**	**$ 102,493**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 184	Panama Rd to Rt 58 - widen to four lanes	$ 9,005	$ 10,500	$ 1,495
Route 184	[2]Morning Dr to Rt 178 - widen to four lanes	$ 4,459	$ 5,000	$ 541
Route 184	[2]At Union Pacific Railroad - construct grade separation	$ 23,865	$ 26,400	$ 2,535
Route 184	[2]Rt 58 to Rt 178 - widen to four lanes	$ 78,184	$ 90,000	$ 11,816
Route 119	[2]Cherry Ave to Elk Hills Rd (Phase 1, bypass) - widen to four lanes	$ 97,396	$ 115,000	$ 17,604
Route 119	[2]I-5 to Buena Vista - widen to four lanes	$ 27,916	$ 31,300	$ 3,384
Ready-To-Go, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 240,826**	**$ 278,200**	**$ 37,374**
Next-In-Line, Regional Projects				
Route 223	[1]Rt 99 to Rt 184 - widen to four lanes	$ 52,160	$ 69,011	$ 16,851
Wheeler Ridge Road	[1]I-5 to Rt 223 - widen to four lanes	$ 97,801	$ 129,395	$ 31,595
Route 223	East Arvin city limits to Rt 58 - widen to four lanes	$ 48,900	$ 64,698	$ 15,797
Route 184	[2]Rt 184 / Morning Dr. @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
East Beltway	[2]Rt 58 to Morning Drive - construct new expressway	$ 151,166	$ 200,000	$ 48,834
Interstate 5	[2]From Fort Tejon to Rt 99 - widen to ten lanes	$ 65,001	$ 86,000	$ 20,999
Next-In-Line, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 467,180**	**$ 618,104**	**$ 150,924**
Advanced Tech, Safe, Clean Transportation				
Arvin - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,875**	**$ 4,875**	**$ -**
Arvin - existing funds	Cost-efficient, safe, clean transportion	$ 20,487	$ 20,487	$ -
Arvin - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 4,919**	**$ 4,919**	**$ -**
Arvin - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 12,450**	**$ 12,450**	**$ -**
Arvin - Corridor Improvement	A St (Simpson St to Franklin St) .9 mi.	$ 235	$ 235	$ -
Arvin - Complete Streets	Comanche Dr (Varsity Av to Franklin St) 1.5 mi.	$ 863	$ 863	$ -
Arvin - Crossing Improvements	El Camino Real (S Comanche Rd to Tejon Hwy) 1. mi.	$ 86	$ 86	$ -
Arvin - High-Visibility Crosswalk	Franklin St - Meyer St	$ 11	$ 11	$ -
Arvin - Corridor Improvement	Franklin St (Walnut Dr to Tejon Hwy) .8 mi.	$ 209	$ 209	$ -
Arvin - Crossing Improvements	Haven Dr (Comanche Dr to Varsity Av) 1. mi.	$ 86	$ 86	$ -
Arvin - High-Visibility Crosswalk	Hood St - Butte Av	$ 11	$ 11	$ -
Arvin - High-Visibility Crosswalk	Hood St - Meyer St	$ 11	$ 11	$ -
Arvin - High-Visibility Crosswalk	Meyer St - Hanson Ln	$ 3	$ 3	$ -
Arvin - Crossing Improvements	Meyer St (Ellen Wy to El Camino Real) .2 mi.	$ 19	$ 19	$ -
Arvin - Sidewalk Improvement	Meyer St (Ellen Wy to Hwy 223) 1.3 mi.	$ 240	$ 240	$ -
Arvin - Crossing Improvements	Meyer St (Varsity Av to Hwy 223) .5 mi.	$ 42	$ 42	$ -
Arvin - Crossing Improvements	N Hill St (Varsity Av to Hwy 223) .5 mi.	$ 42	$ 42	$ -
Arvin - Crossing Improvements	Sycamore Rd (Comanche Dr to Tejon Hwy) 1. mi.	$ 87	$ 87	$ -
Arvin - Sidewalk Improvement	Tejon Hwy (Hwy 223 to Sycamore Rd) 1. mi.	$ 190	$ 190	$ -
Arvin - High-Visibility Crosswalk	Varsity Av - Shared-use Path	$ 3	$ 3	$ -
Arvin - Corridor Improvement	Varsity Av (Comanche Dr to Carmel St) .7 mi.	$ 191	$ 191	$ -
Arvin - Corridor Improvement	Walnut Dr (Bear Mountain Blvd to Olsen St) .8 mi.	$ 226	$ 226	$ -

Caltrans - Crossing Improvements	Bear Mountain Blvd (Comanche Dr to Derby St) 1. mi.	$ 86	$ 86	$ -
Arvin - Complete Streets/ITS Improve	Other Future developments funded by a transportation impact fee and mitigation	$ 9,810	$ 9,810	$ -
Arvin - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 3,119**	**$ 3,119**	**$ -**
Arvin - Class III Bike Route	5th Av (N Hill St to N A St) .1 mi.	$ 1	$ 1	$ -
Arvin - Class II Bike Ln	A St (Olson Wy to 5th Av) 1.1 mi.	$ 97	$ 97	$ -
Arvin - Complete Streets	Campus Dr (Grapevine Dr to Varsity Rd) .5 mi.	$ 284	$ 284	$ -
Arvin - Class III Bike Route	Campus Dr (Sunset Blvd to Richardson Rd) .5 mi.	$ 5	$ 5	$ -
Arvin - Class II Bike Ln	Comanche Dr (Mark St to Sycamore Rd) 1. mi.	$ 90	$ 90	$ -
Arvin - Class II Buffered Bike Ln	Franklin St (Walnut Dr to S Derby St) .8 mi.	$ 137	$ 137	$ -
Arvin - Class III Bike Route	Grapevine Dr (Campus Dr to N Hill St) .1 mi.	$ 1	$ 1	$ -
Arvin - Class II Bike Ln	Haven Dr (Comanche Dr to Tejon Hwy) 1. mi.	$ 91	$ 91	$ -
Arvin - Class II Bike Ln	Mark St (Comanche Dr to Walnut Dr) .2 mi.	$ 23	$ 23	$ -
Arvin - Class III Bike Route	Meyer St (El Camino Real to Sycamore Rd) .5 mi.	$ 5	$ 5	$ -
Arvin - Class II Bike Ln	Meyer St (Hwy 223 to Sycamore Rd) 1. mi.	$ 90	$ 90	$ -
Arvin - Class II Bike Ln	N Comanche St (Bear Mountain Rd to Varsity Av) .5 mi.	$ 44	$ 44	$ -
Arvin - Class III Bike Route	N Hill St (Grapevine Dr to 5th Av) .1 mi.	$ 1	$ 1	$ -
Arvin - Class I Shared Use Path	North City Path (Bear Mountain Blvd to Varsity Av) .5 mi.	$ 445	$ 30	$ (415)
Arvin - Class II Bike Ln	Olsen St (A St to Meyer St) .5 mi.	$ 46	$ 123	$ 77
Arvin - Class III Bike Route	Sycamore Rd (Comanche Dr to Rancho Dr) .5 mi.	$ 5	$ 5	$ -
Arvin - Class II Bike Ln	Sycamore Rd (Comanche Dr to Tejon Hwy) 1. mi.	$ 91	$ 91	$ -
Arvin - Class II Bike Ln	Sycamore Rd (Towerline Rd to Tejon Hwy) 1. mi.	$ 92	$ 92	$ -
Arvin - Class II Bike Ln	Tejon Hwy (Hwy 223 to Burkett Blvd) 2.5 mi.	$ 225	$ 225	$ -
Arvin - Class II Bike Ln	Varsity Av (N Comanche Dr to Tejon Hwy) 1. mi.	$ 91	$ 91	$ -
Arvin - Class II Bike Ln	Walnut Dr (W Sycamore Rd to Alderette Dr) 1.2 mi.	$ 110	$ 110	$ -
Caltrans - Class IV Cycle Track	Bear Mtn Blvd SR 223 (Tejon Hwy to Comanche Dr) 1. mi.	$ 303	$ 303	$ -
Caltrans - Class II Bike Ln	E Bear Mtn Blvd SR 223 (Comanche Dr to Union St) 12.6 mi.	$ 1,138	$ 1,138	$ -
Caltrans - Class II Bike Ln	SR 223 (Malovich Rd to Tejon Hwy) .5 mi.	$ 46	$ 46	$ -
County Areas -potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,350**	**$ 4,350**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 41,942	$ 41,942	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 10,048**	**$ 10,048**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 8,481**	**$ 8,481**	**$ -**
Caltrans - Corridor Improvement	Weedpatch Hwy (Brundage Ln to E Bear Mountain Blvd) 10. mi.	$ 2,763	$ 2,763	$ -
Kern County - Corridor Improvement	Hall Rd (San Emidio St to Habecker Rd) .5 mi.	$ 141	$ 141	$ -
Kern County - Corridor Improvement	Myrtle Av (Panama Ln to Wharton Av) .9 mi.	$ 259	$ 259	$ -
Kern County - Corridor Improvement	Panama Rd (Wible Rd to Main St) 7. mi.	$ 1,936	$ 1,936	$ -
Kern County - Corridor Improvement	San Diego St (Burgundy Av to Wharton Av) .7 mi.	$ 190	$ 190	$ -
Kern County - High-Visibility Crosswa	Wharton Av - Main St	$ 11	$ 11	$ -
Kern County - Corridor Imp. lights	Santa Ana St (Hall Rd to Wharton Av) .4 mi.	$ 118	$ 118	$ -
Kern County - Corridor Imp. lights	Santa Barbara St (Hall Rd to Wharton Av) .4 mi.	$ 119	$ 119	$ -
Kern County - Corridor Imp. lights	Santa Clara St (Hall Rd to Wharton Av) .4 mi.	$ 122	$ 122	$ -
Kern County - Sidewalk/Corridor Imp	Hope Ln (Tatum St to Habecker Rd) .1 mi.	$ 19	$ 19	$ -
Kern County - Sidewalk/Corridor Imp	Tatum St (Hope Ln to Hall Rd) .09 mi.	$ 19	$ 19	$ -
Kern County - Sidewalk/Corridor Imp	Wilson (Hope Ln to end of street) .04 mi.	$ 21	$ 21	$ -
Kern County - Sidewalk/Corridor Imp	Hall Rd (San Emidio to Habecker Rd) 1. mi.	$ 141	$ 141	$ -
Kern County - Sidewalk Improvement	Bonita Rd (Main St to Habecker Rd) .5 mi.	$ 97	$ 97	$ -
Kern County - Sidewalk Improvement	Buena Vista Blvd (May Street to Buena Vista Blvd Mobile Park) .7 mi.	$ 140	$ 140	$ -
Kern County - Sidewalk Improvement	Carnation Ave (Mc Kee Road to Panama Road) .5 mi.	$ 95	$ 95	$ -
Kern County - Sidewalk Improvement	Collision St (Main St to Carnation Av) .2 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Di Giorgio Rd (Fairfax Rd to Main St) 1. mi.	$ 190	$ 190	$ -
Kern County - Sidewalk Improvement	Di Giorgio Rd (Pierce Drive to Weedpatch Highway) .7 mi.	$ 143	$ 143	$ -
Kern County - Sidewalk Improvement	Dunnsmere St (San Diego Street to Weedpatch Highway) .2 mi.	$ 46	$ 46	$ -
Kern County - Sidewalk Improvement	Field St (Di Giorgio Rd to Tri Duncan Avenue) .5 mi.	$ 96	$ 96	$ -
Kern County - Sidewalk Improvement	Habecker Rd (Panama Rd to Segrue Rd) .7 mi.	$ 142	$ 142	$ -
Kern County - Sidewalk Improvement	Hall Rd (San Diego St to Main St) .3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Man O War St (Whirlaway St to Main St) .3 mi.	$ 59	$ 59	$ -
Kern County - Sidewalk Improvement	McKee Rd (Main St to Carnation Av) .3 mi.	$ 49	$ 49	$ -

Kern County - Sidewalk Improvement	Mtn View Rd (RR xing to Sherman Rd) .8 mi.	$ 146	$ 146	$ -
Kern County - Sidewalk Improvement	Panama Rd (Gilbert Street to Habecker Rd) .7 mi.	$ 133	$ 133	$ -
Kern County - Sidewalk Improvement	Panama Rd (Habecker Rd to Main St) .5 mi.	$ 98	$ 98	$ -
Kern County - Sidewalk Improvement	Reynolds St (Whirlaway St to Main St) .3 mi.	$ 56	$ 56	$ -
Kern County - Sidewalk Improvement	Segrue Rd (San Emidio St to Habecker Rd) 1. mi.	$ 181	$ 181	$ -
Kern County - Sidewalk Improvement	Montal St (CA-184 to Carnation Ave) 0.3 mi.	$ 49	$ 49	$ -
Kern County - Sidewalk Improvement	Bertal St (CA-184 to Carnation Ave) 0.3 mi.	$ 46	$ 46	$ -
Kern County - Sidewalk Improvement	Burger Way (San Diego St to San Fernando St) 0.1 mi.	$ 27	$ 27	$ -
Kern County - Sidewalk Improvement	Carnation Ave (Panama Rd to Collison St) 0.3 mi.	$ 660	$ 660	$ -
Kern County - Sidewalk Improvement	Collison St (CA-184 to Carnation Ave) 0.3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Emperor Ave (Howard to San Diego St) 0.1 mi.	$ 23	$ 23	$ -
Kern County - Sidewalk Improvement	Gilbert St (Emperor Ave to Panama Rd) 0.1 mi.	$ 25	$ 25	$ -
Kern County - Sidewalk Improvement	Howard St (Emperor Ave to Panama Rd) 0.1 mi.	$ 25	$ 25	$ -
Kern County - Sidewalk Improvement	Lana St (CA-184 to Carnation Ave) 0.3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Ribier Ave (San Emideo St to End of street) 0.1 mi.	$ 27	$ 27	$ -
Kern County - Sidewalk Improvement	San Diego St (Delight Ave to Burgundy Ave) 0.2 mi.	$ 190	$ 190	$ -
Kern County - Sidewalk Improvement	San Fernando St (Delight Ave to Mataro Ct) 0.2 mi.	$ 33	$ 33	$ -
Kern County - Sidewalk Improvement	San Gorgonio (Panama Rd to Delight Ave) 203 ft. mi.	$ 10	$ 10	$ -
Kern County - Sidewalk Improvement	Delight Ave (San Emideo St to San Diego St) 0.2 mi.	$ 40	$ 40	$ -
Kern County - Sidewalk Improvement	San Emidio St (Delight Ave to End of street) 0.2 mi.	$ 54	$ 54	$ -
Kern County - Sidewalk Improvement	Wharton Av (San Emidio St to Myrtle Av) .7 mi.	$ 132	$ 132	$ -
Kern County - Complete Streets/ITS I	Other Future developments funded by a transportation impact fee and mitigation	$ 2,185	$ 2,185	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 23,413**	**$ 23,413**	**$ -**
Caltrans - Bikeway Study	SR 184 (Panama Rd to Di Giorgio Rd) 1. mi.	$ 150	$ 150	$ -
Caltrans - Class II Bike Ln	Weedpatch Hwy SR 184 (Brundage Ln to Mtn View Rd) 5.3 mi.	$ 476	$ 476	$ -
Caltrans - Class I Shared Use Path	Weedpatch Hwy SR 184 (Mtn View Rd to Panama Rd) 1. mi.	$ 907	$ 907	$ -
Kern County - Class I Shared Use Path	Arvin Edison Canal (Green Garden Dr to Fairfax Rd) 8.8 mi.	$ 7,922	$ 7,922	$ -
Kern County - Class II Bike Ln	Buena Vista Blvd (Comanche Dr to Union Av) 9.1 mi.	$ 817	$ 817	$ -
Kern County - Class II Bike Ln	Comanche Dr (Muller Rd to Kern Canyon Rd) 5.9 mi.	$ 534	$ 534	$ -
Kern County - Class II Bike Ln	Comanche Dr (Panama Ln to Muller Rd) 7.5 mi.	$ 678	$ 678	$ -
Kern County - Class II Buffered Bike L	Cottonwood Rd (Casa Loma Dr to Panama Rd) 5. mi.	$ 900	$ 900	$ -
Kern County - Class II Buffered Bike L	Di Giorgio Rd (Pierce Dr to S Vineland Rd) 1.8 mi.	$ 320	$ 320	$ -
Kern County - Class II Bike Ln	Di Giorgio Rd (Union Av to Pierce Dr) 4.3 mi.	$ 384	$ 384	$ -
Kern County - Class II Bike Ln	DiGiorgio Rd (Vineland Rd to Comanche Dr) 3. mi.	$ 273	$ 273	$ -
Kern County - Class III Bike Route	Edison Rd (Edison Hwy to SR 223) 9.7 mi.	$ 87	$ 87	$ -
Kern County - Class III Bike Route	Fairfax Rd (Panama Rd to SR 223) 4. mi.	$ 36	$ 36	$ -
Kern County - Class II Buffered Bike L	Fairfax Rd (Wilson Rd to Panama Rd) 6.6 mi.	$ 1,185	$ 1,185	$ -
Kern County - Class III Bike Blvd	Habecker Rd (Panama Rd to Di Giorgio Rd) 1. mi.	$ 50	$ 50	$ -
Kern County - Class III Bike Blvd	Hall Rd (Main St to Habecker Rd) .4 mi.	$ 21	$ 21	$ -
Kern County - Class II Bike Ln	Hall Rd (SR 184 to Habecker Rd) .5 mi.	$ 46	$ 46	$ -
Kern County - Class II Bike Ln	Hermosa Rd (Fairfax Rd to Comanche Dr) 5. mi.	$ 453	$ 453	$ -
Kern County - Class II Bike Ln	Main St (DiGiorgio Rd to Bear Mountain Blvd) 3. mi.	$ 271	$ 271	$ -
Kern County - Class II Bike Ln	Mountain View Rd (Fairfax Rd to Comanche Dr) 5. mi.	$ 454	$ 454	$ -
Kern County - Class II Bike Ln	Muller Rd (Comanche Dr to Oswell St) 6. mi.	$ 544	$ 544	$ -
Kern County - Class III Bike Blvd	Myrtle Av (Di Giorgio Rd to Panama Rd) 1. mi.	$ 50	$ 50	$ -
Kern County - Complete Streets	Palm Av (San Gorgonio St to Williams St) .6 mi.	$ 360	$ 360	$ -
Kern County - Class II Buffered Bike L	Panama Ln (Comanche Dr to Cottonwood Rd) 8.1 mi.	$ 1,450	$ 1,450	$ -
Kern County - Class II Bike Ln	Panama Rd (Habecker Rd to S Comanche Dr) 3.5 mi.	$ 318	$ 318	$ -
Kern County - Class II Buffered Bike L	Panama Rd (Main St to Habecker Rd) .5 mi.	$ 93	$ 93	$ -
Kern County - Class III Bike Blvd	San Diego St (Di Giorgio Rd to Panama Rd) 1.1 mi.	$ 54	$ 54	$ -
Kern County - Class III Bike Blvd	Segrue Rd (San Emidio St to Habecker Rd) .9 mi.	$ 48	$ 48	$ -
Kern County - Class II Bike Ln	Sunset Blvd (Weedpatch Hwy to Vineland Rd) 1. mi.	$ 93	$ 93	$ -
Kern County - Class II Buffered Bike L	Taft Hwy (Enos Ln to Weedpatch Hwy) 19.1 mi.	$ 3,446	$ 3,446	$ -
Kern County - Class II Bike Ln	Vineland Rd (Pioneer Dr to SR 223) 11. mi.	$ 993	$ 993	$ -
Advanced Tech, Safe, Clean Transporta	**Sub-total Projects in Subarea**	**$ 71,654**	**$ 71,654**	$ -

ARVIN-LAMONT SUBAREA	**Total Projects Benefiting Subarea**	**$ 997,731**	**$ 1,186,029**	**$ 290,791**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

[1] Project was in the 2006 transportation measure expenditure plan

[2] Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

FRAZIER PARK SUBAREA

Subarea includes: unincorporated communities Frazier Park, Pine Mountain Club, Lebec and Lake of the Woods		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportatic**	**$ 9,824**	**$ 9,824**	$ 4,617
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation	$ 33,683	$ 33,683	$ 15,831
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 26,322	$ 26,322	$ 12,371
Fix-It-First, Keep-It-Local / Cost-Efficient	**Sub-total Projects in Subarea**	**$ 69,829**	**$ 69,829**	**$ 32,820**
Regional Projects				
Ready-To-Go, Regional Projects				
Frazier Park	Park & Ride/snowpark facility near Frazier Mt Park Blvd-Phase I	$ 4,890	$ 6,470	$ 1,580
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 144,548**	**$ 146,128**	**$ 67,219**
Next-In-Line, Regional Projects				
Wheeler Ridge Road	[1]I-5 to Rt 223 - widen to four lanes	$ 97,801	$ 129,395	$ 31,595
Frazier Park	Park and Ride facility near Frazier Park Blvd - Phase II	$ 4,890	$ 6,470	$ 1,580
Interstate 5	From Fort Tejon to Rt 99 - widen to ten lanes	$ 65,001	$ 86,000	$ 20,999
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 167,692**	**$ 221,865**	**$ 54,173**
Advanced Tech, Safe, Clean Transportation				
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,089**	**$ 2,089**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 13,358	$ 13,358	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,685**	**$ 6,685**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 5,120**	**$ 5,120**	**$ -**
Kern County - Corridor Improvement	Frazier Mountain Park Rd (Monterey Trail to Camelia Trail) .4 mi.	$ 109	$ 109	$ -
Kern County - Sidewalk Improvement	Monterey Trail (Park Dr to Mount Pinos Wy) .2 mi.	$ 36	$ 36	$ -
Kern County - Sidewalk Improvement	Mount Pinos Wy (Johnson Rd to Pomeroy Trail) .9 mi.	$ 162	$ 162	$ -
Kern County - Complete Streets/ITS Improvem	Other Future developments funded by a transportation impact fee and mitigation	$ 4,814	$ 4,814	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 1,553**	**$ 1,553**	**$ -**
Kern County - Class I Shared Use Path	Falcon Wy (Peace Valley Rd to Frazier Mtn HS) 1. mi.	$ 932	$ 932	$ -
Kern County - Class II Bike Ln	Frazier Mtn Pk Rd (N Peace Vy Rd to Tecuya Mtn Rd) 6. mi.	$ 537	$ 537	$ -
Kern County - Class II Bike Ln	Peace Valley Rd (Frazier Mtn Park Rd to Falcon Wy) .6 mi.	$ 54	$ 54	$ -
Kern County - Class III Bike Route	Frazier Mountain Park Rd (Ivins Dr to Tecuya Mtn Rd) 1. mi.	$ 9	$ 9	$ -
Kern County - Class III Bike Route	Monterey Trail (Mt Pinos Wy to Park Dr) .2 mi.	$ 2	$ 2	$ -
Kern County - Class III Bike Route	Mt Pinos Wy (Frazier Mtn Pk Rd to Frazier Mtn Pk Rd) 2.1 mi.	$ 19	$ 19	$ -
Advanced Tech, Safe, Clean Transportation	**Sub-total Projects in Subarea**	$ 15,448	$ 15,448	$ -

FRAZIER PARK SUBAREA	**Total Projects Benefiting Subarea**	**$ 397,517**	**$ 453,270**	**$ 154,212**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

INDIAN WELLS VALLEY SUBAREA

Subarea includes: City of Ridgecrest and the unincorporated communities of Inyokern, Johannesburg, and Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Ridgecrest - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Contro**	**$ 23,781**	**$ 23,781**	**$ 11,177**
Ridgecrest - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control M	$ 67,427	$ 67,427	$ 31,691
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Contro**	**$ 7,907**	**$ 7,907**	**$ 3,716**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control M	$ 27,111	$ 27,111	$ 12,742
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 37,852	$ 37,852	$ 17,790
Fix-It-First, Keep-It-Local / Cost-Efficient	**Sub-total Projects in Subarea**	**$ 164,077**	**$ 164,077**	**$ 77,116**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 14	[1]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase1)	$ 42,000	$ 42,000	$ -
Route 14	[1]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase 2)	$ 40,166	$ 42,000	$ 1,834
Route 14	[1]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase 3)	$ 25,533	$ 32,000	$ 6,467
US 395	Between Rt 178 and China Lake Blvd - construct passing lanes	$ 15,117	$ 20,000	$ 4,883
Passenger Rail	[2]Metrolink extension - Palmdale/Lancaster to Rosamond w/bus connector to Ridgecrest	$ 151,500	$ 191,000	$ 39,500
Ready-To-Go, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 274,316**	**$ 327,000**	**$ 52,684**
Next-In-Line, Regional Projects				
Richmond Rd	[1]E Ridgecrest Blvd - widen to four lanes	$ 4,890	$ 6,470	$ 1,580
Mahan St	Inyokern to South China Lake Blvd - widen to four lanes	$ 24,450	$ 32,349	$ 7,899
Bowman Rd	China Lake to San Bernardino Blvd - reconstruct	$ 3,260	$ 4,313	$ 1,053
S. China Lake Blvd	Rt 395 to College Heights - reconstruct	$ 27,710	$ 36,662	$ 8,952
US 395	San Bdo County Line to Rt 14 - widen to four lanes	$ 184,422	$ 244,000	$ 59,578
Passenger Rail	[2]Metrolink extension - Phase II Rosamond to Mojave, Cal City w/bus connector to Ridgecrest	$ 341,168	$ 451,035	$ 109,868
Next-In-Line, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 585,900**	**$ 774,829**	**$ 188,929**
Advanced Tech, Safe, Clean Transportation				
Ridgecrest - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 6,521**	**$ 6,521**	**$ -**
Ridgecrest - existing funds	Cost-efficient, safe, clean transportion	$ 27,761	$ 27,761	$ -
Ridgecrest - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,934**	**$ 6,934**	**$ -**
Ridgecrest - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 10,576**	**$ 10,576**	**$ -**
Ridgecrest - Bicycle Signal	Inyokern Rd - N China Lake Blvd	$ 25	$ 25	$ -
Ridgecrest - Corridor Improvement	Norma St (W Inyokern Rd to Sydnor Av) .8 mi.	$ 207	$ 207	$ -
Ridgecrest - Crossing Improvements	N China Lake Blvd (E Inyokern Rd to Bowman Rd) 3. mi.	$ 254	$ 254	$ -
Ridgecrest - Crossing Improvements	Norma St (Sydnor Av to Bowman Rd) 2.3 mi.	$ 193	$ 193	$ -
Ridgecrest - Crossing Improvements	Ridgecrest Blvd (Downs St to S Gateway Blvd) 2. mi.	$ 171	$ 171	$ -
Ridgecrest - High-Visibility Crosswalk	Bowman Rd - Sunland St	$ 11	$ 11	$ -
Ridgecrest - High-Visibility Crosswalk	Drummond Av - French Av	$ 11	$ 11	$ -
Ridgecrest - High-Visibility Crosswalk	Inyokern Rd - N China Lake Blvd	$ 11	$ 11	$ -
Ridgecrest - High-Visibility Crosswalk	Las Flores Av - Sierra View St	$ 11	$ 11	$ -
Ridgecrest - Sidewalk Improvement	Bowman St (Downs St to S Mahan St) .5 mi.	$ 93	$ 93	$ -
Ridgecrest - Sidewalk Improvement	China Lake Blvd (Bowman Rd to Downs St) 1.3 mi.	$ 255	$ 255	$ -
Ridgecrest - Sidewalk Improvement	Downs St (Bowman Rd to W Springer Av) 1. mi.	$ 188	$ 188	$ -
Ridgecrest - Sidewalk Improvement	S Mahan St (W Springer Av to Bowman St) 1. mi.	$ 188	$ 188	$ -
Ridgecrest - Sidewalk Improvement	Sandquist Rd (Inyokern Rd to E St) .4 mi.	$ 72	$ 72	$ -
Ridgecrest - Sidewalk Improvement	W Springer Av (Downs St to S Mahan St) .5 mi.	$ 92	$ 92	$ -
Ridecreast - Complete Streets/ITS Improver	Other Future developments funded by a transportation impact fee and mitigation	$ 8,795	$ 8,795	$ -
Ridgecrest - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 10,252**	**$ 10,252**	**$ -**
Caltrans - Class II Bike Ln	Ridgecrest Blvd SR 178 (Richmd Rd to San Bdno Blvd) .8 mi.	$ 70	$ 70	$ -
Caltrans - Class II Buffered Bike Ln	E Rcrest Blvd SR 178 (N Chna Lk Blvd to S Richmd Rd) 1.2 mi.	$ 221	$ 221	$ -
Ridgecrest - Class I Shared Use Path	Bowman Path (Brady St to S Downs St) 1. mi.	$ 889	$ 889	$ -
Ridgecrest - Class I Shared Use Path	Bowman Path (Richmond Rd to San Bernardino Blvd) 1.1 mi.	$ 949	$ 949	$ -
Ridgecrest - Class I Shared Use Path	E Javis Av (S Gateway Blvd to College Heights Blvd) 1. mi.	$ 902	$ 902	$ -
Ridgecrest - Class I Shared Use Path	Jarvis Av (S Downs St to Lacey St) .5 mi.	$ 447	$ 447	$ -
Ridgecrest - Class I Shared Use Path	W Kendall Av (S Downs St to S Del Rosa Dr) .8 mi.	$ 735	$ 735	$ -
Ridgecrest - Class II Bike Ln	Bowman Rd (Gateway Blvd to San Bernardino Blvd) 1. mi.	$ 92	$ 92	$ -
Ridgecrest - Class II Bike Ln	Dolphin Av (S Mahan St to S China Lake Blvd) .9 mi.	$ 84	$ 84	$ -
Ridgecrest - Class II Bike Ln	Drummond Av (N Mahan St to N Down St) .5 mi.	$ 45	$ 45	$ -

INDIAN WELLS VALLEY SUBAREA

Subarea includes: City of Ridgecrest and the unincorporated communities of Inyokern, Johannesburg, and Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Ridgecrest - Class II Bike Ln	E Dolphin Av (S China Lake Blvd to S Gateway Blvd) 1.5 mi.	$ 137	$ 137	$ -
Ridgecrest - Class II Bike Ln	E Las Flores Av (French Av to N China Lake Blvd) .3 mi.	$ 26	$ 26	$ -
Ridgecrest - Class II Bike Ln	Inyokern Rd (Hawk to Mahan St) 10.1 mi.	$ 912	$ 912	$ -
Ridgecrest - Class II Bike Ln	Javis Av (College Heights Blvd to Lacey St) .5 mi.	$ 45	$ 45	$ -
Ridgecrest - Class II Bike Ln	Kendall Av (S Del Rosa Dr to S Gateway Blvd) 1.2 mi.	$ 107	$ 107	$ -
Ridgecrest - Class II Bike Ln	Mahan St (W Inyokern Rd to W Springer Av) 4. mi.	$ 361	$ 361	$ -
Ridgecrest - Class II Bike Ln	Norma St (Bowman Rd to W Upjohn Av) .5 mi.	$ 47	$ 47	$ -
Ridgecrest - Class II Bike Ln	Richmond Rd (Inyokern Rd to Ridgrecrest Blvd) 2. mi.	$ 183	$ 183	$ -
Ridgecrest - Class II Bike Ln	Ridgecrest Blvd (S Brady St to S Norma Streeet) 1.5 mi.	$ 136	$ 136	$ -
Ridgecrest - Class II Bike Ln	S Gateway Blvd (E Upjohn Av to Ridgecrest Blvd) .5 mi.	$ 45	$ 45	$ -
Ridgecrest - Class II Bike Ln	S Gateway Blvd (Bowman Rd to E Kendall Av) 1.6 mi.	$ 142	$ 142	$ -
Ridgecrest - Class II Bike Ln	Saratoga Av (Lauritsen Rd to Blue Ridge Rd) .9 mi.	$ 82	$ 82	$ -
Ridgecrest - Class II Bike Ln	Springer Av (Jack Ranch Rd to S Gateway Blvd) 4. mi.	$ 357	$ 357	$ -
Ridgecrest - Class II Bike Ln	Sunland St (E Upjohn Av to E Kendall Av) 2. mi.	$ 181	$ 181	$ -
Ridgecrest - Class II Bike Ln	W Upjohn Av (Brady St to S Downs St) 1. mi.	$ 91	$ 91	$ -
Ridgecrest - Class II Buffered Bike Ln	Downs St (Inyokern Rd to Springer Av) 4. mi.	$ 721	$ 721	$ -
Ridgecrest - Class II Buffered Bike Ln	Drummond Av (N China Lake Blvd to French Av) .6 mi.	$ 112	$ 112	$ -
Ridgecrest - Class II Buffered Bike Ln	French Av (Drummond Av to N China Lake Blvd) .8 mi.	$ 140	$ 140	$ -
Ridgecrest - Class II Buffered Bike Ln	Norma St (W Upjohn Av to W Inyokern Rd) 2.5 mi.	$ 453	$ 453	$ -
Ridgecrest - Class III Bike Blvd	Gold Canyon St (Ridgecrest Blvd to Richmond Rd) 1.3 mi.	$ 64	$ 64	$ -
Ridgecrest - Class III Bike Blvd	Rowe St (Knox Rd to Richmond Rd) 1. mi.	$ 51	$ 51	$ -
Ridgecrest - Class III Bike Route	N Brady St (China Lake Blvd to Inyokern Rd) 4.7 mi.	$ 42	$ 42	$ -
Ridgecrest - Class III Bike Route	Norma St (Bowman Rd to S China Lake Blvd) .4 mi.	$ 4	$ 4	$ -
Ridgecrest - Class III Bike Route	Pilot Plant Rd (Richmond Rd to East City Limits) .7 mi.	$ 6	$ 6	$ -
Ridgecrest - Class III Bike Route	S Richmond Rd (E Ridgecrest Blvd to Upjohn Av) .6 mi.	$ 6	$ 6	$ -
Ridgecrest - Class III Bike Route	W Las Flores Av (N Brady St to N Mahan St) .5 mi.	$ 5	$ 5	$ -
Ridgecrest - Class III Bike Route	W Ridgecrest Blvd (N Norma St to N China Lake Blvd) .5 mi.	$ 5	$ 5	$ -
Ridgecrest - Class IV Cycle Track	S China Lake Blvd (W Springs Av to E Inyokern Rd) 4.5 mi.	$ 1,360	$ 1,360	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,008**	**$ 2,008**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 9,399	$ 9,399	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 2,987**	**$ 2,987**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 3,225**	**$ 3,225**	**$ -**
Kern County - Complete Streets/ITS Improve	Other Future developments funded by a transportation impact fee and mitigation	$ 112	$ 112	$ -
Kern County - Complete Streets/ITS Improv	Other Future developments funded by a transportation impact fee and mitigation	$ 3,113	$ 3,113	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 3,188**	**$ 3,188**	**$ -**
Kern County - Class I Shared Use Path	S Downs St (S China Lake Blvd to Skylark Av) 1.1 mi.	$ 1,019	$ 1,019	$ -
Kern County - Class I Shared Use Path	S Gateway Blvd (E Kendall Av to E Javis Av) .5 mi.	$ 458	$ 458	$ -
Kern County - Class III Bike Route	Bowman Rd (Jacks Ranch Rd to Brady St) 1. mi.	$ 9	$ 9	$ -
Kern County - Class III Bike Route	Drummond Av (Jacks Ranch Rd to Mahan St) 1.5 mi.	$ 13	$ 13	$ -
Kern County - Class III Bike Route	Jacks Ranch Rd (Ridgecrest Blvd to Springer Av) 2. mi.	$ 18	$ 18	$ -
Kern County - Class III Bike Route	Skylark Av (Kendall Av to Down St) 1.2 mi.	$ 11	$ 11	$ -
Kern County - Class III Bike Route	Brown Road from SR 14 to US 395 - 20 miles - Class III Signage Only	$ 300	$ 300	$ -
Kern County - Class III Bike Route	Brown Road from US 395 Northern Overpass to US 395 Southern Overpass - 0.3 miles - Class III Signage Only	$ 4	$ 4	$ -
Kern County - Class III Bike Route	Athel Avenue from Us 395 to Brown Road - 2.6 miles - Class III Signage Only	$ 39	$ 39	$ -
Kern County - Inyokern - Class II Bike Lane	Brown Road from US 395 to Ridgecrest Blvd. - 8.2 miles - Pave Shoulder	$ 656	$ 656	$ -
Kern County - Inyokern - Class II Bike Lane	Brown Road from Athel Avenue to US 395 - 7.8 miles - Pave Shoulder	$ 624	$ 624	$ -
Kern County - Inyokern - Class II Bike Lane	Brown Road from US 395 Northern Overpass to US 395 Southern Overpass - 0.3 miles - Pave Shoulder	$ 20	$ 20	$ -
Kern County - Inyokern - Class II Bike Lane	Broadway from Orchard Avenue to Plains Avenue - 0.5 miles	$ 16	$ 16	$ -
Kern County - Inyokern - Other	Inyokern Road from SR 178 Ridgecrest City Limits to SR 14 - 9.2 miles - Other	$ -	$ -	$ -
Advanced Tech, Safe, Clean Transportation	**Sub-total Projects in Subarea**	**$ 45,689**	**$ 45,689**	**$ -**

INDIAN WELLS VALLEY SUBAREA	**Total Projects Benefiting Subarea**	**$ 1,069,982**	**$ 1,311,595**	**$ 318,729**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

INDIAN WELLS VALLEY SUBAREA

Subarea includes: City of Ridgecrest and the unincorporated communities of Inyokern, Johannesburg, and Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenu**	**Maint./Inflation Savings**

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

LAKE ISABELLA SUBAREA

Subrea includes the unincoprated communities (county areas) of Lake Isabella, Kernville, Wofford Heights, Glennville, Woody, Alta Sierra, Bodfish, Havilah, South Lake, Mountian Mesa, Squirrel Mtn. Valley, Bella Vista, Weldon, Onyx, and Walker Basin		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transpor**	$ 32,012	$ 32,012	$ 15,046
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transporta	$ 109,760	$ 109,760	$ 51,587
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 72,034	$ 72,034	$ 33,856
Fix-It-First, Keep-It-Local / Cost-Efficient	**Sub-total Projects in Subarea**	**$ 213,806**	**$ 213,806**	$ 100,489
Regional Projects				
Ready-To-Go, Regional Projects				
Route 178	[2]Miramonte to Rancheria - widen existing highway	$ 16,169	$ 19,800	$ 3,631
Route 178	[2]Vineland to Miramonte - new interchange; widen existing freeway	$ 97,178	$ 119,000	$ 21,822
Route 178	[2]Near Oswell St to Vineland Rd - widen existing freeway	$ 14,768	$ 17,000	$ 2,232
Route 178	[2]Existing west terminus to Oswell St - widen to eight lanes (HOV)	$ 112,107	$ 140,500	$ 28,393
Route 184	[2]Morning Dr to Rt 178 - widen to four lanes	$ 4,459	$ 5,000	$ 541
Route 184	[2]At Union Pacific Railroad - construct grade separation	$ 23,865	$ 26,400	$ 2,535
Route 184	[2]Rt 58 to Rt 178 - widen to four lanes	$ 78,184	$ 90,000	$ 11,816
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 346,731**	**$ 417,700**	**$ 70,969**
Next-In-Line, Regional Projects				
Sierra Way	[1]Lake Isabella at South Fork Bridge - reconstruct bridge	$ 39,120	$ 51,758	$ 12,638
East Expressway Corridor	[2]Comanche Rd - Rt 178 to Rt 58 - construct new expressway	$ 151,166	$ 200,000	$ 48,834
Route 178	Vineland to China Garden - new freeway	$ 377,914	$ 500,000	$ 122,086
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	$ 568,200	$ 751,758	$ 183,558
Advanced Tech, Safe, Clean Transportation				
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,020**	**$ 4,020**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 18,817	$ 18,817	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 5,979**	**$ 5,979**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 8,216**	**$ 8,216**	**$ -**
Kern County - Corridor Improvement	Nugget Av (Suhre St to Golden Spur St) .3 mi.	$ 84	$ 84	$ -
Kern County - High-Visibility Crosswalk	Lake Isabella Blvd - Crestview Av	$ 11	$ 11	$ -
Kern County - High-Visibility Crosswalk	Lake Isabella Blvd - Elizabeth Norris Rd	$ 11	$ 11	$ -
Kern County - Sidewalk Improvement	Erskine Creek Rd (Lake Isabella Blvd to Hall Ct) 1.4 mi.	$ 272	$ 272	$ -
Kern County - Sidewalk Improvement	Lake Isabella Blvd (Erskine Creek Rd to Lakeland St) 1.7 mi.	$ 318	$ 318	$ -
Kern County - Sidewalk Improvement	Lake Isabella Blvd (Lakeland Street to Kilbreth Dr) 1.2 mi.	$ 234	$ 234	$ -
Kern County - Sidewalk Improvement	Webb Av (Lake Isabella Blvd to School) .9 mi.	$ 167	$ 167	$ -
Kern County - Complete Streets/ITS Imp	Other Future developments funded by a transportation impact fee and mitigation	$ 7,118	$ 7,118	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 4,622**	**$ 4,622**	**$ -**
Caltrans - Class II Bike Ln	SR 178 (North Community Limits to Lk Is Blvd) 2.3 mi.	$ 205	$ 205	$ -
Caltrans - Class III Bike Route	Wofford Hts Blvd SR 155 (Lk Is Blvd to Sawmill Rd) 4.6 mi.	$ 41	$ 41	$ -
Kern County - Class I Shared Use Path	Borel Canal Pth (Lk Is Blvd/Bfish Cyn Rd to Lk Is Blvd) 3.6 mi.	$ 3,264	$ 3,264	$ -
Kern County - Class I Shared Use Path	Kernville Path (Pasadena Ln to Borel Canal) .1 mi.	$ 68	$ 68	$ -
Kern County - Class I Shared Use Path	N Lake Isabella Connector (Gldn Spur St to Borel Canal) .1 mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Bodfish Canyon Rd (Jordan Rd to Lake Isabella Blvd) 2.9 mi.	$ 263	$ 263	$ -
Kern County - Class II Bike Ln	Erskine Creek Rd (Lake Isabella Blvd to Morella Rd) 1.6 mi.	$ 149	$ 149	$ -
Kern County - Class II Bike Ln	Lake Isabella Blvd (Lakeland St to SR 178) .5 mi.	$ 42	$ 42	$ -
Kern County - Class II Bike Ln	Nugget Av (Golden Spur St to Lake Isabella Blvd) .2 mi.	$ 20	$ 20	$ -
Kern County - Class II Buffered Bike Ln	Lake Isabella Blvd (Lakeland St to Erskine Creek Rd) 1.7 mi.	$ 302	$ 302	$ -
Kern County - Class II Buffered Bike Ln	Lake Isabella Blvd (Erskine Creek Rd to Edith Av) .9 mi.	$ 161	$ 161	$ -
Kern County - Class III Bike Route	Alta Sierra Av (Lake Isabella Blvd to Edna St) .6 mi.	$ 6	$ 6	$ -

LAKE ISABELLA SUBAREA

Subrea includes the unincoprated communities (county areas) of Lake Isabella, Kernville, Wofford Heights, Glennville, Woody, Alta Sierra, Bodfish, Havilah, South Lake, Mountian Mesa, Squirrel Mtn. Valley, Bella Vista, Weldon, Onyx, and Walker Basin		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Kern County - Class III Bike Route	Edna St (Alta Sierra Av to Erskine Creek Rd) .2 mi.	$ 2	$ 2	$ -
Kern County - Class III Bike Route	Pasadena Ln (Schick Rd to Erskine Creek Rd) .5 mi.	$ 5	$ 5	$ -
Kern County - Class III Bike Route	Webb Av (Lake Isabella Rd to Borel Canal) .8 mi.	$ 7	$ 7	$ -
Advanced Tech, Safe, Clean Transportati	**Sub-total Projects in Subarea**	$ 22,837	$ 22,837	$ -

LAKE ISABELLA SUBAREA	**Total Projects Benefiting Subarea**	**$ 1,151,575**	**$ 1,406,101**	**$ 355,016**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Bakersfield - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trar**	$ 299,205	$ 299,205	$ 140,626
Bakersfield - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 860,303	$ 860,303	$ 404,342
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trar**	$ 138,275	$ 138,275	$ 64,989
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 474,105	$ 474,105	$ 222,829
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 101,651	$ 101,651	$ 47,776
Fix-It-First, Keep-It-Local / Cost-Efficien	**Sub-total Projects in Subarea**	**$ 1,873,539**	**$ 1,873,539**	**$ 880,563**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 58 - recently completed	[1]Rosedale Hwy - Calloway Dr to Rt 99 - widen existing highway	$ 29,000	$ 29,000	$ -
Route 178 - recently completed	[1]Vineland Rd to east of Miramonte Dr - widen existing highway	$ 54,000	$ 54,000	$ -
Hageman Flyover	[1]Knudsen Dr to Rt 204 - construct extension	$ 68,900	$ 68,900	$ -
24th St Improvements	[1]Rt 178 (24th/23rd St) from SR-99 to M Street - widen existing highway	$ 55,000	$ 55,000	$ -
Centennial Corridor	[1]I-5 to Rt-58/Cottonwood Rd - element of the Bakersfield Beltway System - construct new freeway and/or operational improvements	$ 698,000	$ 698,000	$ -
Route 58	[1]Rosedale Hwy - Rt 43 to Allen Rd - widen existing highway	$ 53,335	$ 59,000	$ 5,665
Route 58	[1]Rosedale Hwy @ Minkler Spur / Landco - construct grade separation	$ 24,408	$ 27,000	$ 2,592
Route 58	[1]Union Ave to Fairfax Rd - widen to eight lanes	$ 42,849	$ 47,400	$ 4,551
West Corridor	[1]Rosedale Hwy to 1/2 mile north of 7th Standard Rd - construct new facility	$ 98,068	$ 115,793	$ 17,725
West Corridor	[1]Rosedale Hwy to Westside Parkway - construct new facility	$ 79,187	$ 93,500	$ 14,313
Route 178 - recently completed	[1]Near Oswell St to Vineland Rd - widen existing freeway	$ 14,768	$ 17,000	$ 2,232
Route 178	[1]Existing west terminus to Oswell St - widen to eight lanes (HOV)	$ 112,107	$ 140,500	$ 28,393
Route 178 - recently completed	[1]Vineland to Miramonte - new interchange; widen existing freeway	$ 97,178	$ 119,000	$ 21,822
Route 178 - recently completed	[1]Miramonte to Rancheria - widen existing highway	$ 16,169	$ 19,800	$ 3,631
West Corridor	[1]Pacheco Rd to Westside Parkway - construct new facility	$ 64,229	$ 115,793	$ 51,564
West Corridor	[1]Taft Hwy to Pacheco Rd - construct new facillity	$ 68,025	$ 90,000	$ 21,975
Route 99	Hosking Ave - construct interchange	$ 31,000	$ 31,000	$ -
Route 99	Olive Drive - construct interchange upgrades	$ 6,100	$ 6,100	$ -
7th Standard Rd	Rt 43 to Santa Fe Way - widen existing roadway	$ 11,857	$ 14,000	$ 2,143
Route 65	James Rd to Merle Haggard Dr - widen to four lanes	$ 2,869	$ 3,000	$ 131
Route 184	Panama Rd to Rt 58 - widen to four lanes	$ 9,005	$ 10,500	$ 1,495
Route 184	Morning Dr to Rt 178 - widen to four lanes	$ 4,459	$ 5,000	$ 541
Route 184	At Union Pacific Railroad - construct grade separation	$ 23,865	$ 26,400	$ 2,535
Route 184	Rt 58 to Rt 178 - widen to four lanes	$ 78,184	$ 90,000	$ 11,816
Route 204	Airport Drive to Rt 178 - widen existing highway	$ 43,885	$ 55,000	$ 11,115
Route 204	F St - construct interchange	$ 41,575	$ 61,700	$ 20,125
Route 58	At various locations - ramp improvements (HOV - ramp metering)	$ 22,322	$ 24,000	$ 1,678
Route 99	Beardsley Canal to 7th Standard Rd - widen to eight lanes	$ 74,150	$ 90,800	$ 16,650
Route 99	At Olive Drive - reconstruct interchange	$ 88,196	$ 108,000	$ 19,804
Route 99	At Snow Rd - construct new interchange	$ 112,858	$ 138,200	$ 25,342
Route 99	At various locations - ramp improvements (HOV - ramp metering)	$ 23,715	$ 24,000	$ 285
Route 178	At Rt 204 and 178 - reconstruct freeway ramps (HOV - ramp metering)	$ 40,831	$ 50,000	$ 9,169
Route 178	At various locations - ramp improvements (HOV - ramp metering)	$ 26,331	$ 21,000	$ (5,331)
SR 58	[2]General Beale Rd to E. of Broome Rd - Construct truck climbing lanes	$ 71,501	$ 99,000	$ 27,499

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Route 119	[2]Cherry Ave to Elk Hills Rd (Phase 1, bypass) - widen to four lanes	$ 97,396	$ 115,000	$ 17,604
Route 119	[2]I-5 to Buena Vista - widen to four lanes	$ 27,916	$ 31,300	$ 3,384
Metro HOV Ramps	Install HOV Ramps and metering improvements at various locations	$ 27,000	$ 27,000	$ -
Centennial Corridor	At Route 99 & 58 - Construct operational improvements			
Centennial Corridor	Stockdale Hwy from SR 43 to Heath Road - widen existing highway			
Various Locations	Construct Bike Boulevard projects			
Various Locations	Construct Intersection enhancement projects			
Ready-To-Go, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 2,440,239**	**$ 2,780,686**	**$ 340,447**
Next-In-Line, Regional Projects				
West Corridor-South	[1]Taft Hwy to I-5 - extend freeway	$ 75,583	$ 100,000	$ 24,417
West Corridor-North	[1]7th Standard Rd to Rt 99 -extend freeway	$ 75,583	$ 100,000	$ 24,417
Route 58	[1]Future Rt 58 from I-5 to Heath Rd at Stockdale Hwy - construct new freeway	$ 377,914	$ 500,000	$ 122,086
Santa Fe Way	[1]Hageman to Los Angeles Ave - widen to four lanes	$ 96,171	$ 127,239	$ 31,068
South Corridor	[1]I-5 to Rt 58 - new expressway	$ 453,945	$ 610,000	$ 156,055
Route 58	[1]Rosedale Highway - I-5 to Rt 43 - widen to four lanes	$ 23,431	$ 31,000	$ 7,569
East Corridor - Comanche Road	[2]Rt 178 to Rt 58 - construct new expressway	$ 151,166	$ 200,000	$ 48,834
Route 204	(Golden State Ave) Rt 99 to M St - construct operational improvements	$ 75,583	$ 100,000	$ 24,417
Route 184	Rt 184 / Morning Dr. @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Beale Road	L St/Beale @ BNSF - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Q Street	Q St @ UPRR near Golden State Hwy - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Comanche Drive	Comanche Dr. @ UPRR - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Olive Drive	Olive Dr. @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Renfro Road	Renfro Rd @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Kratzmeyer Road	Kratzmeyer Rd @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Airport Drive	Airport Dr. @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
7th Standard Rd	I-5 to Santa Fe Way - widen to four lanes	$ 68,461	$ 90,577	$ 22,116
Route 99	Rt 99 @ Minkler Spur - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Bakersfield	Phase 1 Metro Bakersfield Light/Commuter Rail System (2012 Long Range Transit Plan)	$ 1,860,430	$ 2,500,000	$ 639,570
Route 65	Merle Haggard Dr to County Line - widen to four lanes	$ 163,259	$ 216,000	$ 52,741
Route 178	[2]Vineland to China Garden - new freeway	$ 377,914	$ 500,000	$ 122,086
SR 58	[2]General Beale Rd to E. of Broome Rd - Construct truck climbing lanes	$ 71,501	$ 99,000	$ 27,499
Interstate 5	[2]From Fort Tejon to Rt 99 - widen to ten lanes	$ 65,001	$ 86,000	$ 20,999
Interstate 5	[2]7th Standard Rd Interchange - reconstruct	$ 40,815	$ 54,000	$ 13,185
Route 43	[2]7th Standard Rd to Euclid Ave - widen to four lanes	$ 27,966	$ 37,000	$ 9,034
Route 58	[2]East of Tehachapi to General Beale Rd - truck auxillary lanes / escape ramp	$ 65,001	$ 86,000	$ 20,999
Route 58	[2]Near General Beale Rd - new truck weigh station	$ 8,314	$ 11,000	$ 2,686
Route 58	[2]General Beale Rd - construct new interchange	$ 40,815	$ 54,000	$ 13,185
Route 65	[2]Merle Haggard Dr to County Line - widen to four lanes	$ 163,259	$ 216,000	$ 52,741
Route 119	[2]Tupman Rd to I-5 - widen to four lanes	$ 45,350	$ 60,000	$ 14,650
Route 119	[2]Rt 33 to Cherry Ave - widen to four lanes	$ 40,815	$ 54,000	$ 13,185
Route 223	[2]Rt 99 to Rt 184 - widen to four lanes	$ 52,160	$ 69,011	$ 16,851
Route 223	[2]East Arvin city limits to Rt 58 - widen to four lanes	$ 48,900	$ 64,698	$ 15,797
Burbank Street	[2]Burbank St @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Lerdo Highway	[2]Lerdo Hwy / Beech Ave @ BNSF - construct grade separation	$ 52,152	$ 69,000	$ 16,848
North Corridor - Shafter	[2]I-5 to SR 65 - Burbank Street Alignment - construct new highway	$ 372,086	$ 500,000	$ 127,914

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Santa Fe Way	[2]Hageman to Los Angeles Ave - widen to four lanes	$ 94,688	$ 127,239	$ 32,551
Wheeler Ridge Road	[2]I-5 to Rt 223 - widen to four lanes	$ 97,801	$ 129,395	$ 31,595
Zachary Rd	[2]7th Standard Rd to Lerdo Hwy - widen to four lanes	$ 26,080	$ 34,505	$ 8,425
Amtrak Stations - NW Bksfld, Shafter	[2]Up to 4 Amtrak San Joaquins stops on BNSF - platform, track turnout, park&ride, ticket both	$ 27,024	$ 34,049	$ 7,024
Intermodal rail hub - Delano	[2]RailEx Expansion Phase 2 (Draft SJV Interregional Goods Movement Plan IGM)	$ 8,107	$ 10,215	$ 2,107
Intermodal rail hub - Shafter	[2]Shafter Inland Port Phases 2 & 3 (Draft SJV IGMP)	$ 81,073	$ 102,146	$ 21,073
BNSF/UP grade separations	[2]SR 43 corridor in Wasco, Shafter	$ 330,412	$ 444,000	$ 113,588
Freight Rail	[2]Double-track sections from Bakersfield to Mojave	$ 111,700	$ 111,700	$ -
Route 58	Business 58 OC to Edwards Air Force Base OC - improve access to EAFB (Phase 1)			
Route 58	Near Beale-Bena - Construct truck climbing lanes - (Future Candidate SHOPP project)			
Western Urban Corridor	White Lane to Westside Parkway - construct new facility			
Western Urban Corridor	Taft Hwy to White Lane - construct new facillity			
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit[2]**	**$ 6,154,188**	**$ 8,167,773**	**$ 2,013,585**
Advanced Tech, Safe, Clean Transportation				
Bakersfield - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 88,095**	**$ 88,095**	**$ -**
Bakersfield - existing funds	Cost-efficient, safe, clean transportion	$ 567,760	$ 567,760	$ -
Bakersfield - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 286,406**	**$ 286,406**	**$ -**
Metro Bus Service	Full size advanded technology buses	$ 232,500	$ 232,500	$ -
Metro/county Bus Service	2 Transit Maintenance Stations	$ 60,000	$ 60,000	$ -
Metro Bus Service	3 transfer stations	$ 15,000	$ 15,000	$ -
Metro Passenger Rail	Amtrak Station - Phase II	$ 13,000	$ 13,000	$ -
Passenger Rail	High Speed Rail Station - Bakersfield - other funding source			
Bakersfield - Incorporated	Various Feasibility Studies for Other Bike and Pedestrian Related Improvements	$ 775	$ 775	$ -
Bakersfield - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 141,550**	**$ 141,550**	**$ -**
Bakersfield - Corridor Improvement	Brimhall Rd (Renfro Rd to Coffee Rd) 4. mi.	$ 1,104	$ 1,104	$ -
Bakersfield - Corridor Improvement	Calloway Dr (Olive Dr to Harris Rd) 7.7 mi.	$ 2,120	$ 2,120	$ -
Bakersfield - Corridor Improvement	Chester Av (Beardsley Av to 30th St) 1.4 mi.	$ 390	$ 390	$ -
Bakersfield - Corridor Improvement	Clay Patrick Farr Wy (Hageman Rd to Rosedale Hwy) 1.1 mi.	$ 290	$ 290	$ -
Bakersfield - Corridor Improvement	Columbus St (Chester Av to Panorama Dr) 4.7 mi.	$ 1,287	$ 1,287	$ -
Bakersfield - Corridor Improvement	Fairfax Rd (Brundage Ln to Muller Rd) 1.9 mi.	$ 514	$ 514	$ -
Bakersfield - Corridor Improvement	Flower St (Union Av to Mt Vernon St) 2.1 mi.	$ 570	$ 570	$ -
Bakersfield - Corridor Improvement	Hosking Av (99 FreeWy to Cottonwood Rd) 2.3 mi.	$ 643	$ 643	$ -
Bakersfield - Corridor Improvement	Jewetta Av (Olive Dr to Rosedale Hwy) 2.5 mi.	$ 674	$ 674	$ -
Bakersfield - Corridor Improvement	Jewetta Av (Rosedale Hwy to Pecos River Dr) 1.4 mi.	$ 378	$ 378	$ -
Bakersfield - Corridor Improvement	Kratzmeyer Rd (Enos Ln to Nord Av) 3. mi.	$ 831	$ 831	$ -
Bakersfield - Corridor Improvement	Ming Av (Old River Rd to Gossford Rd) 1.2 mi.	$ 339	$ 339	$ -
Bakersfield - Corridor Improvement	Morning Dr (College Av to Brundage Ln) 2. mi.	$ 551	$ 551	$ -
Bakersfield - Corridor Improvement	Mr Vernon Av (Panorama Dr to Columbus St) 1. mi.	$ 288	$ 288	$ -
Bakersfield - Corridor Improvement	Olive Dr (Renfro Rd to Sanford Dr) 6.5 mi.	$ 1,776	$ 1,776	$ -
Bakersfield - Corridor Improvement	Oswell St (Edison Hwy to Brundage Ln) .9 mi.	$ 247	$ 247	$ -
Bakersfield - Corridor Improvement	Panama Ln (Union Av to Cottonwood Rd) 1. mi.	$ 274	$ 274	$ -
Bakersfield - Corridor Improvement	Panama Rd (Wible Rd to Main St) 7. mi.	$ 1,936	$ 1,936	$ -
Bakersfield - Corridor Improvement	Panorama Dr (Columbus St to Morning Dr) 5.8 mi.	$ 1,587	$ 1,587	$ -
Bakersfield - Corridor Improvement	Pensinger Rd (Buena Vista Rd to Wible Rd) 5.1 mi.	$ 1,396	$ 1,396	$ -
Bakersfield - Corridor Improvement	Renfro Rd (Rosedale Hwy to Stockdale Hwy) 2. mi.	$ 551	$ 551	$ -
Bakersfield - Corridor Improvement	Wall St Paseo (F St to 322' East of R St) .9 mi.	$ 234	$ 234	$ -
Bakersfield - Corridor Improvement	Wible Rd (Rosedale Hwy to Taft Hwy/Panama Rd) 5.9 mi.	$ 1,632	$ 1,632	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Corridor Improvement	Wilson Rd (Wible Rd to H St) 1. mi.	$ 278	$ 278	$ -
Bakersfield - Crossing Improvements	18th St (F St to Mill Creek Park) .8 mi.	$ 72	$ 72	$ -
Bakersfield - Crossing Improvements	21st St (F St to M St) .5 mi.	$ 40	$ 40	$ -
Bakersfield - Crossing Improvements	28th St (F St to Golden State Av) .5 mi.	$ 40	$ 40	$ -
Bakersfield - Crossing Improvements	Ashe Rd (McKee Rd to Taft Highway) .5 mi.	$ 43	$ 43	$ -
Bakersfield - Crossing Improvements	Baker St (E California Av to Niles St) 1. mi.	$ 83	$ 83	$ -
Bakersfield - Crossing Improvements	Chester Av (Golden State Av to Planz Rd) 4.4 mi.	$ 375	$ 375	$ -
Bakersfield - Crossing Improvements	Chester Av (China Grade Loop to Planz Rd) 1.5 mi.	$ 128	$ 128	$ -
Bakersfield - Crossing Improvements	Echo Av (Castro Ln to Benton St) .4 mi.	$ 30	$ 30	$ -
Bakersfield - Crossing Improvements	F St (30th St to Truxton Av) .9 mi.	$ 79	$ 79	$ -
Bakersfield - Crossing Improvements	Gossford Rd (Stockdale Hwy to Panama Ln) 4. mi.	$ 341	$ 341	$ -
Bakersfield - Crossing Improvements	H St (Brundage Ln to Golden State Av) 2.4 mi.	$ 200	$ 200	$ -
Bakersfield - Crossing Improvements	Hosking Av (Stine Rd to Golden State Hwy) 1.7 mi.	$ 143	$ 143	$ -
Bakersfield - Crossing Improvements	L St (Brundage Ln to Golden State Av) 2.2 mi.	$ 184	$ 184	$ -
Bakersfield - Crossing Improvements	Monitor St (Merrimac Av to Berkshire Rd) 2.3 mi.	$ 192	$ 192	$ -
Bakersfield - Crossing Improvements	Oak St (24th St to Rosa Parks Hwy) 1.9 mi.	$ 166	$ 166	$ -
Bakersfield - Crossing Improvements	Oswell St (Edison Hwy to Columbus St) 2.3 mi.	$ 197	$ 197	$ -
Bakersfield - Crossing Improvements	Pacheco Rd (Stine Rd to Monitor St) 2.5 mi.	$ 216	$ 216	$ -
Bakersfield - Crossing Improvements	Panama Ln (Stine Rd to S Union Av) 3. mi.	$ 257	$ 257	$ -
Bakersfield - Crossing Improvements	Planz Rd (Stine Rd to S H St) 2. mi.	$ 171	$ 171	$ -
Bakersfield - Crossing Improvements	Truxtun Av (Oak St to Mt Vernon Av) 4.2 mi.	$ 357	$ 357	$ -
Bakersfield - Crossing Improvements	Union Av (21st St to California Av) .7 mi.	$ 56	$ 56	$ -
Bakersfield - Crossing Improvements	White Ln (Buena Vista Rd to S Union Av) 7.3 mi.	$ 618	$ 618	$ -
Bakersfield - High-Visibility Crosswalk	Renfro Rd - Johnson Rd	$ 11	$ 11	$ -
Bakersfield - High-Visibility Crosswalk	Wharton Av - Main St	$ 11	$ 11	$ -
Bakersfield - Sidewalk Improvement	Belle Terrace (Dawn Street to Cottonwood Road) 1.3 mi.	$ 255	$ 255	$ -
Bakersfield - Sidewalk Improvement	Coffee Rd Path (Truxtun Avenue to Kern River Parkway) .1 mi.	$ 12	$ 12	$ -
Bakersfield - Sidewalk Improvement	Mt Vernon Av (California Ave to Brundage Lane) 1. mi.	$ 190	$ 190	$ -
Bakersfield - Sidewalk Improvement	N Chester Av (Universe Avenue to Kern River Bike Trail) 2.1 mi.	$ 391	$ 391	$ -
Bakersfield - Sidewalk Improvement	Pacheco Rd (Gordon St to Sparks St) .6 mi.	$ 123	$ 123	$ -
Bakersfield - Sidewalk Improvement	Potomac Av (Collins Way to Oswell St) 1.7 mi.	$ 325	$ 325	$ -
Bakersfield - Sidewalk Improvement	S Chester Av (Ming Av to Union Av) 1.7 mi.	$ 323	$ 323	$ -
Bakersfield - Sidewalk Improvement	Santa Fe Way (Reina Rd to Hageman Rd) 1.3 mi.	$ 247	$ 247	$ -
Bakersfield - Sidewalk Improvement	Stine Rd (Stockdale Hwy to Park Circle Dr) .8 mi.	$ 150	$ 150	$ -
Bakersfield - Sidewalk Improvement	Verdugo Ln (Hageman Rd to Rosedale Hwy) 1. mi.	$ 187	$ 187	$ -
Bakersfield - Sidewalk Improvement	Virginia Av (Oswell Street to Sterling Rd) .5 mi.	$ 95	$ 95	$ -
Bakersfield - Sidewalk Improvement	Virginia St (Niles Street to Ridge Rd) .6 mi.	$ 113	$ 113	$ -
Caltrans - Corridor Improvement	23rd St (24th St to Q St) 1. mi.	$ 278	$ 278	$ -
Caltrans - Corridor Improvement	24th St (Oak St to Q St) 1.6 mi.	$ 436	$ 436	$ -
Caltrans - Corridor Improvement	Golden State Av (Kern River Pkwy Bike Trail to 24th St) 1.5 mi.	$ 419	$ 419	$ -
Caltrans - Corridor Improvement	Ming Av (Gosford Rd to S Union Av) 5.2 mi.	$ 1,423	$ 1,423	$ -
Caltrans - Corridor Improvement	Rosedale Hwy (Camino Del Rio Court to Oak St) .5 mi.	$ 149	$ 149	$ -
Caltrans - Corridor Improvement	Weedpatch Hwy (Brundage Ln to E Bear Mountain Blvd) 10. mi.	$ 2,763	$ 2,763	$ -
Caltrans - Crossing Improvements	Rosedale Hwy (Camino Del Rio Court to Nord Av) 8.5 mi.	$ 726	$ 726	$ -
Bakersfield - Complete Streets/ITS Im	Other Future developments funded by a transportation impact fee and mitigation	$ 109,047	$ 109,047	$ -
Bakersfield - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 139,804**	**$ 139,804**	**$ -**
Bakersfield - Bikeway Study	Chester Av (Norris Rd to California Av) 3.6 mi.	$ 536	$ 536	$ -
Bakersfield - Bikeway Study	F St (Golden State Av to 16th St) 1.1 mi.	$ 168	$ 168	$ -
Bakersfield - Bikeway Study	Ming Av (Gossford Rd to S Union Av) 5.2 mi.	$ 779	$ 779	$ -
Bakersfield - Class I Shared Use Path	Almondale Park Path (Meadow Creek St to Verdugo Ln) .1 mi.	$ 127	$ 127	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class I Shared Use Path	Arvin Edison Canal (Green Garden Dr to Fairfax Rd) 8.8 mi.	$ 7,922	$ 7,922	$ -
Bakersfield - Class I Shared Use Path	B'Field Cmns Connection (Coffee Rd to NW Canal Path) .4 mi.	$ 392	$ 392	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge (36th Street to Jeffrey Street) .2 mi.	$ 201	$ 201	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Yokuts Park Bridge 1	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Beach Park Bridge 1	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Beach Park Bridge 2	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Kern River Pkwy Park Bridge 1	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Kern River Pkwy Park Bridge 2	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Campus Park Court (White Ln to Hemmingway Pl) .1 mi.	$ 90	$ 90	$ -
Bakersfield - Class I Shared Use Path	Columbus Path (Shared Use Path to Jewett Av) .4 mi.	$ 332	$ 332	$ -
Bakersfield - Class I Shared Use Path	Friant Kern Canal (7th Std Rd to Kern R Pkwy Bike Trl) 7.9 mi.	$ 7,080	$ 7,080	$ -
Bakersfield - Class I Shared Use Path	Gosford Rd Canal (Stockdale Hwy to Panama Ln) 4.5 mi.	$ 4,084	$ 4,084	$ -
Bakersfield - Class I Shared Use Path	Kern Island Canal (Taft Hwy to California Av) 7.4 mi.	$ 6,649	$ 6,649	$ -
Bakersfield - Class I Shared Use Path	Kern R Pkwy Bike Trl (Oildale Dr to Kern R Pkwy Bk Trl) .3 mi.	$ 283	$ 283	$ -
Bakersfield - Class I Shared Use Path	Mill Creek Park (Golden St Av to Kern R, Pkwy Bike Trl) 1.6 mi.	$ 1,465	$ 1,465	$ -
Bakersfield - Class I Shared Use Path	N Rosedale Park Path (Campfire Dr to Jewetta Av) .2 mi.	$ 162	$ 162	$ -
Bakersfield - Class I Shared Use Path	NE Bakersfield Path (Paladino Dr to Morning Dr Path) 2.7 mi.	$ 2,431	$ 2,431	$ -
Bakersfield - Class I Shared Use Path	NW Canal Path (7th Std Rd to Kern R Pkwy Bike Trl) 6.2 mi.	$ 5,596	$ 5,596	$ -
Bakersfield - Class I Shared Use Path	Old River Rd Canal (Taft Hwy to Stockdale Hwy) 7.8 mi.	$ 6,983	$ 6,983	$ -
Bakersfield - Class I Shared Use Path	Panorama Connection (Panorama Dr to Carrier Canal) .1 mi.	$ 54	$ 54	$ -
Bakersfield - Class I Shared Use Path	Polo Pk Shared Path (Old Farm Rd to Bay Meadows Ln) .4 mi.	$ 333	$ 333	$ -
Bakersfield - Class I Shared Use Path	Q St Canal (California Av to Truxtun Av) .3 mi.	$ 290	$ 290	$ -
Bakersfield - Class I Shared Use Path	Qualridge Path (NW Canal Path to Oak St) 3.3 mi.	$ 3,010	$ 3,010	$ -
Bakersfield - Class I Shared Use Path	Rail ROW Path (7th Std Rd to 99/Friant Kern Canal) 2.2 mi.	$ 2,004	$ 2,004	$ -
Bakersfield - Class I	Rail ROW Path from 7th Standard Road to E. Norris Road - 2.23 miles			
Bakersfield - Class I	Panorama Class I Connecti from Kern River Parkway to Panorama Drive - 0.06 miles			
Bakersfield - Class I	Calloway Shared Path from Balvanera Drive to Noriega Road - 0.28 miles			
Bakersfield - Class I	Truxtun Shared Path link from Coffee Road to Quailridge Road - 0.15 miles			
Bakersfield - Class II Bike Ln	Access Rd (Union Av to Monte Vista Dr) .3 mi.	$ 23	$ 23	$ -
Bakersfield - Class II Bike Ln	Akers Rd (McKee Rd to Taft Hwy) .5 mi.	$ 46	$ 46	$ -
Bakersfield - Class II Bike Ln	Allen Rd (Pensinger Road to Highway 119) 4. mi.	$ 360	$ 360	$ -
Bakersfield - Class II Bike Ln	Ashe Rd (Phisto Pl to Taft Hwy) 1.5 mi.	$ 135	$ 135	$ -
Bakersfield - Class II Bike Ln	Ashe Rd (SR 119 to SR 223) 4. mi.	$ 361	$ 361	$ -
Bakersfield - Class II Bike Ln	Auburn St (Fairfax Rd to Morning Dr) .9 mi.	$ 82	$ 82	$ -
Bakersfield - Class II Bike Ln	Baker St (Bernard St to California Av) 1.6 mi.	$ 141	$ 141	$ -
Bakersfield - Class II Bike Ln	Beale Av (Grace Street to 21st Street) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Bear Mountain Blvd (Coles Levee Rd to Unioin Av) 13. mi.	$ 1,171	$ 1,171	$ -
Bakersfield - Class II Bike Ln	Berkshire Rd (Colony St to Madison Av) 1.8 mi.	$ 162	$ 162	$ -
Bakersfield - Class II Bike Ln	Bernard St (Union Av to Haley St) 1.5 mi.	$ 133	$ 133	$ -
Bakersfield - Class II Bike Ln	Buena Vista Blvd (Comanche Dr to Union Av) 9.1 mi.	$ 817	$ 817	$ -
Bakersfield - Class II Bike Ln	Buena Vista Rd (Coulter Rd to SR 119) 1.5 mi.	$ 135	$ 135	$ -
Bakersfield - Class II Bike Ln	Campus Park Dr (Buena Vista Rd to White Ln) 1.6 mi.	$ 144	$ 144	$ -
Bakersfield - Class II Bike Ln	Clay Patrick Farr Wy (Hageman Rd to Rosedale Hwy) .8 mi.	$ 74	$ 74	$ -
Bakersfield - Class II Bike Ln	Coffee Rd (7th Std Rd to Norris Rd) 1.5 mi.	$ 134	$ 134	$ -
Bakersfield - Class II Bike Ln	College Av (College Av to Kern Canyon Rd) 1.5 mi.	$ 138	$ 138	$ -
Bakersfield - Class II Bike Ln	Columbus St (Union Av to River Blvd) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Comanche Dr (Muller Rd to Kern Canyon Rd) 5.9 mi.	$ 534	$ 534	$ -
Bakersfield - Class II Bike Ln	Di Giorgio Rd (Union Av to Pierce Dr) 4.3 mi.	$ 384	$ 384	$ -
Bakersfield - Class II Bike Ln	District Blvd (Chaney Ln to Stine Rd) 2.6 mi.	$ 238	$ 238	$ -
Bakersfield - Class II Bike Ln	E Pacheco Rd (Gasoline Alley to Monitor Street) .3 mi.	$ 28	$ 28	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class II Bike Ln	Ellington St (11th Av to Woollomes Av) 1.6 mi.	$ 146	$ 146	$ -
Bakersfield - Class II Bike Ln	F St (Golden State Av to 16th St) 1.2 mi.	$ 105	$ 105	$ -
Bakersfield - Class II Bike Ln	Flower St (Mount Vernon Av to Alta Vista Dr) 1.7 mi.	$ 149	$ 149	$ -
Bakersfield - Class II Bike Ln	Gosford Rd (Panama Ln to McCutchen Rd) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Gossford Rd (SR 119 to SR 223) 4. mi.	$ 361	$ 361	$ -
Bakersfield - Class II Bike Ln	Haley St (SR 178 to Niles St) .9 mi.	$ 78	$ 78	$ -
Bakersfield - Class II Bike Ln	Haley St (Panorama Dr to Columbus St) .9 mi.	$ 78	$ 78	$ -
Bakersfield - Class II Bike Ln	Harris Rd-Gasoline Alley (Wible Rd to Pacheco Rd) .7 mi.	$ 63	$ 63	$ -
Bakersfield - Class II Bike Ln	Hosking Av (Union Av to Cottonwood Rd) 1. mi.	$ 88	$ 88	$ -
Bakersfield - Class II Bike Ln	Jewetta Av (Palm Avenue to Brimhall Road) .5 mi.	$ 45	$ 45	$ -
Bakersfield - Class II Bike Ln	Kentucky St (Mt Vernon Avenue to Oswell Street) 2.8 mi.	$ 254	$ 254	$ -
Bakersfield - Class II Bike Ln	Kern Canyon Rd (Vineland Rd to Bedford Green Dr) .7 mi.	$ 65	$ 65	$ -
Bakersfield - Class II Bike Ln	Kratzmeyer Rd (Enos Ln to Allen Rd) 6. mi.	$ 541	$ 541	$ -
Bakersfield - Class II Bike Ln	Lake Ming Rd (Rudal Rd to Alfred Harrell Hwy) .3 mi.	$ 31	$ 31	$ -
Bakersfield - Class II Bike Ln	Laurelglen Blvd (Brookside Dr to Gosford Rd) .2 mi.	$ 18	$ 18	$ -
Bakersfield - Class II Bike Ln	M St (17th St to 30th St) .8 mi.	$ 76	$ 76	$ -
Bakersfield - Class II Bike Ln	Main St (DiGiorgio Rd to Bear Mountain Blvd) 3. mi.	$ 271	$ 271	$ -
Bakersfield - Class II Bike Ln	Martin Luther King Jr Blvd (Truxtun Av to SR 58) 1.4 mi.	$ 130	$ 130	$ -
Bakersfield - Class II Bike Ln	Masterson St (Comanche Dr to Kern Canyon Rd) 2.4 mi.	$ 215	$ 215	$ -
Bakersfield - Class II Bike Ln	McCutchen Rd (Buena Vista Rd to Stine Rd) 4. mi.	$ 364	$ 364	$ -
Bakersfield - Class II Bike Ln	McKee Rd (Ashe Rd to Ruggiano St) 2.8 mi.	$ 249	$ 249	$ -
Bakersfield - Class II Bike Ln	Mohawk St (Hageman Rd to SR 58) 1.3 mi.	$ 113	$ 113	$ -
Bakersfield - Class II Bike Ln	Monitor St (Hosking Av to SR 119) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Mount Vernon Av (Panorama Dr to Columbus St) 1.5 mi.	$ 139	$ 139	$ -
Bakersfield - Class II Bike Ln	Mountain Ridge Rd (Panama Ln to Taft Hwy) 2. mi.	$ 179	$ 179	$ -
Bakersfield - Class II Bike Ln	Mtn Vista Dr (Sharktooth Peak Dr to Berkshire Rd) .8 mi.	$ 71	$ 71	$ -
Bakersfield - Class II Bike Ln	N St (23rd St to California Av) .8 mi.	$ 72	$ 72	$ -
Bakersfield - Class II Bike Ln	Nord Av (7th Std Rd to Stockdale Hwy) 6. mi.	$ 540	$ 540	$ -
Bakersfield - Class II Bike Ln	Old Farm Rd (Snow Rd to Hageman Rd) 2. mi.	$ 179	$ 179	$ -
Bakersfield - Class II Bike Ln	Old River Rd (Pensinger Rd to Taft Hwy) 2.5 mi.	$ 225	$ 225	$ -
Bakersfield - Class II Bike Ln	Oswell St (Columbus St to Pico Av) .7 mi.	$ 65	$ 65	$ -
Bakersfield - Class II Bike Ln	Palm Av (Westdale Dr to Calloway Dr) 3. mi.	$ 269	$ 269	$ -
Bakersfield - Class II Bike Ln	Palm Av (Renfro Rd to Heath Rd) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Panama Ln (SR 43 to Buena Vista Rd) 7. mi.	$ 631	$ 631	$ -
Bakersfield - Class II Bike Ln	Patton Wy (Snow Rd to Hageman Rd) 1.8 mi.	$ 158	$ 158	$ -
Bakersfield - Class II Bike Ln	Planz Rd (Madison St to Muller Rd) 2.5 mi.	$ 226	$ 226	$ -
Bakersfield - Class II Bike Ln	Potomac Av (S King Street to Monticello Avenue) 2.5 mi.	$ 225	$ 225	$ -
Bakersfield - Class II Bike Ln	Q St (Columbus St to 24th St) 1.2 mi.	$ 106	$ 106	$ -
Bakersfield - Class II Bike Ln	Redbank Rd (Fairfax Rd to Edison Rd) 3. mi.	$ 272	$ 272	$ -
Bakersfield - Class II Bike Ln	River Run Blvd (Ming Avenue to Buena Vista Road) .9 mi.	$ 83	$ 83	$ -
Bakersfield - Class II Bike Ln	Rudd Av (Palm Av to Brimhall Rd) .5 mi.	$ 45	$ 45	$ -
Bakersfield - Class II Bike Ln	S P St (Brundage Ln to Ming Av) 1.5 mi.	$ 132	$ 132	$ -
Bakersfield - Class II Bike Ln	Snow Rd (Calloway Dr to SR 99) 2.3 mi.	$ 208	$ 208	$ -
Bakersfield - Class II Bike Ln	Snow Rd (Allen Rd to Norris Rd) 1.4 mi.	$ 122	$ 122	$ -
Bakersfield - Class II Bike Ln	Stine Rd (SR 119 to SR 223) 4. mi.	$ 361	$ 361	$ -
Bakersfield - Class II Bike Ln	Stockdale Hwy (Claudia Autumn Dr to Enos Ln) 4.8 mi.	$ 429	$ 429	$ -
Bakersfield - Class II Bike Ln	Verdugo Ln (Olive Dr to Glenn St) 2.6 mi.	$ 237	$ 237	$ -
Bakersfield - Class II Bike Ln	Washington St (Edison Hwy to Casa Loma Dr) 2.3 mi.	$ 207	$ 207	$ -
Bakersfield - Class II Bike Ln	Wible Rd (SR 119 to SR 223) 4. mi.	$ 362	$ 362	$ -
Bakersfield - Class II Bike Ln	Knudsen Drive from Olive Drive to Hageman Road - 0.47 miles			

METRO BAKERSFIELD SUBAREA

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class II Bike Ln	Brimhall Road from Renfro Road to Allen Road - 1.01 miles			
Bakersfield - Class II Bike Ln	Santa Fe Way from 7th Stnard Road to Hageman Road - 4.14 miles			
Bakersfield - Class II Bike Ln	Mountain Ridge Rd from Panama Ln to Taft Hwy - 2 miles			
Bakersfield - Class II Bike Ln	Reina Road from Renfro Road to Verdugo Lane - 2.04 miles			
Bakersfield - Class II Bike Ln	Allen Road from Snow Road to Hageman Road - 1.89 miles			
Bakersfield - Class II Bike Ln	Panama Lane from Interstate 5 to Gosford Road - 2.02 miles			
Bakersfield - Class II Buffered Bike Ln	34th St (Chester Av to Union Av) .9 mi.	$ 161	$ 161	$ -
Bakersfield - Class II Buffered Bike Ln	34th St (Chester Av to Union Av) .9 mi.	$ 161	$ 161	$ -
Bakersfield - Class II Buffered Bike Ln	4th St, Virginia Av (King St to Oswell St) 2.5 mi.	$ 451	$ 451	$ -
Bakersfield - Class II Buffered Bike Ln	Allen Rd (Snow Rd to White Ln) 7. mi.	$ 1,260	$ 1,260	$ -
Bakersfield - Class II Buffered Bike Ln	Camino Media (Old River Rd to Gosford Rd) 1.3 mi.	$ 235	$ 235	$ -
Bakersfield - Class II Buffered Bike Ln	Casa Loma Dr (Union Av to Fairfax Rd) 4. mi.	$ 720	$ 720	$ -
Bakersfield - Class II Buffered Bike Ln	Chester Av (California Av to Planz Rd) 3.1 mi.	$ 564	$ 564	$ -
Bakersfield - Class II Buffered Bike Ln	Coffee Rd (Snow Rd to Rosedale Hwy) 3. mi.	$ 540	$ 540	$ -
Bakersfield - Class II Buffered Bike Ln	Cottonwood Rd (Casa Loma Dr to Panama Rd) 5. mi.	$ 900	$ 900	$ -
Bakersfield - Class II Buffered Bike Ln	Fairfax Rd (Wilson Rd to Panama Rd) 6.6 mi.	$ 1,185	$ 1,185	$ -
Bakersfield - Class II Buffered Bike Ln	Fruitvale Av (Rosedale Hwy to Hageman St) 3. mi.	$ 540	$ 540	$ -
Bakersfield - Class II Buffered Bike Ln	Gosford Rd (Stockdale Hwy to Panama Ln) 4. mi.	$ 717	$ 717	$ -
Bakersfield - Class II Buffered Bike Ln	Hagerman Rd (Jenkins Rd to Jewetta Av) 1.5 mi.	$ 274	$ 274	$ -
Bakersfield - Class II Buffered Bike Ln	Harris Rd (Buena Vista Rd to Wible Rd) 5.1 mi.	$ 914	$ 914	$ -
Bakersfield - Class II Buffered Bike Ln	Hosking Av (Stine Rd to S Union Av) 3. mi.	$ 545	$ 545	$ -
Bakersfield - Class II Buffered Bike Ln	Manor St (N Chester Av to Columbus St) 3.4 mi.	$ 621	$ 621	$ -
Bakersfield - Class II Buffered Bike Ln	Ming Av (Old River Rd to Gosford Rd) 3. mi.	$ 541	$ 541	$ -
Bakersfield - Class II Buffered Bike Ln	Monterey St (Alta Vista Dr to Williams St) 1.3 mi.	$ 226	$ 226	$ -
Bakersfield - Class II Buffered Bike Ln	Mount Vernon (Brundage Ln to Muller Rd) 2. mi.	$ 358	$ 358	$ -
Bakersfield - Class II Buffered Bike Ln	Oswell St (Brundage Ln to Planz Rd) 2. mi.	$ 361	$ 361	$ -
Bakersfield - Class II Buffered Bike Ln	Panama Ln (Comanche Dr to Cottonwood Rd) 8.1 mi.	$ 1,450	$ 1,450	$ -
Bakersfield - Class II Buffered Bike Ln	Panama Rd (Main St to Habecker Rd) .5 mi.	$ 93	$ 93	$ -
Bakersfield - Class II Buffered Bike Ln	Renfro Rd (Santa Fe Wy to Culiacan Av) 4.1 mi.	$ 734	$ 734	$ -
Bakersfield - Class II Buffered Bike Ln	River Blvd (Panorama Dr to Bernard St) 1.3 mi.	$ 232	$ 232	$ -
Bakersfield - Class II Buffered Bike Ln	S H St (Berkshire Rd to Ming Av) 3.5 mi.	$ 629	$ 629	$ -
Bakersfield - Class II Buffered Bike Ln	Santa Fe Wy (7th Std Road to Hageman Road) 4.1 mi.	$ 746	$ 746	$ -
Bakersfield - Class II Buffered Bike Ln	Stine Rd (Hosking Av to Mohawk St) 5.5 mi.	$ 999	$ 999	$ -
Bakersfield - Class II Buffered Bike Ln	Taft Hwy (Enos Ln to Weedpatch Hwy) 19.1 mi.	$ 3,446	$ 3,446	$ -
Bakersfield - Class II Buffered Bike Ln	Union Av (SR 58 to SR 119) 5. mi.	$ 899	$ 899	$ -
Bakersfield - Class II Buffered Bike Ln	White Ln (S Allen Rd to S Union Av) 8.3 mi.	$ 1,487	$ 1,487	$ -
Bakersfield - Class III Bike Blvd	17th St (A Street to Truxtun Avenue) 1.3 mi.	$ 63	$ 63	$ -
Bakersfield - Class III Bike Blvd	18th St (Oak St to Baker St) 2.5 mi.	$ 127	$ 127	$ -
Bakersfield - Class III Bike Blvd	18th St (21st Street to 17th Street) .5 mi.	$ 27	$ 27	$ -
Bakersfield - Class III Bike Blvd	21st St (Kern River Pkwy Bike Trail to Oak St) .3 mi.	$ 16	$ 16	$ -
Bakersfield - Class III Bike Blvd	22nd St (F St to Q St) .7 mi.	$ 36	$ 36	$ -
Bakersfield - Class III Bike Blvd	30th St (Alder St to Chester Av) .3 mi.	$ 17	$ 17	$ -
Bakersfield - Class III Bike Blvd	36th St (Chester Avenue to San Dimas Path) .6 mi.	$ 30	$ 30	$ -
Bakersfield - Class III Bike Blvd	A St (California Av to Terrace Wy) 1.3 mi.	$ 63	$ 63	$ -
Bakersfield - Class III Bike Blvd	Appletree/Hahn Route (Wilson Rd to Wible Rd) 1.8 mi.	$ 90	$ 90	$ -
Bakersfield - Class III Bike Blvd	Baker St (California Avenue to S King Street) .4 mi.	$ 18	$ 18	$ -
Bakersfield - Class III Bike Blvd	Bank St/2nd St (Oak Street to S. P Street) 1.6 mi.	$ 80	$ 80	$ -
Bakersfield - Class III Bike Blvd	Belle Terrace (H St to Cottonwood Rd) 2. mi.	$ 101	$ 101	$ -
Bakersfield - Class III Bike Blvd	Berkshire Rd (Ashe Rd to Santana Sun Dr) 2.4 mi.	$ 119	$ 119	$ -
Bakersfield - Class III Bike Blvd	BRd Oak Av (St Gobain St to Oak Grove St) .2 mi.	$ 8	$ 8	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class III Bike Blvd	Camino Grande (Alfred Harrell to NE Bakersfield Path) 1.3 mi.	$ 65	$ 65	$ -
Bakersfield - Class III Bike Blvd	Chamber Blvd (Allen Rd to Grand Lakes Av) 3. mi.	$ 152	$ 152	$ -
Bakersfield - Class III Bike Blvd	Charger Av (La Costa St to Auburn St) 1.2 mi.	$ 59	$ 59	$ -
Bakersfield - Class III Bike Blvd	Chinon/Limoges Rte (McInnes Blvd to Hagn Oks Blvd) .4 mi.	$ 18	$ 18	$ -
Bakersfield - Class III Bike Blvd	Chippewa/Yorkshire (Constitution Av to Verdugo Ln) .9 mi.	$ 44	$ 44	$ -
Bakersfield - Class III Bike Blvd	Christmas Tree Ln (Mt Vernon Av to Panorama Dr) 1.7 mi.	$ 83	$ 83	$ -
Bakersfield - Class III Bike Blvd	Coventry/Benton Route (Larson Ln to Ming Av) 1.4 mi.	$ 70	$ 70	$ -
Bakersfield - Class III Bike Blvd	Edgemont Dr (Half Moon Dr to Wilson Rd) .3 mi.	$ 15	$ 15	$ -
Bakersfield - Class III Bike Blvd	El Capitan Bike Route (Noriega Rd to Old Farm Rd) .4 mi.	$ 22	$ 22	$ -
Bakersfield - Class III Bike Blvd	El Portal Dr (Laurelglen Blvd to Westwold Dr) .2 mi.	$ 9	$ 9	$ -
Bakersfield - Class III Bike Blvd	Ewoldsen (Oak Grove Street to N Half Moon Drive) .6 mi.	$ 31	$ 31	$ -
Bakersfield - Class III Bike Blvd	Exodus Ln (Kelvin grove to Iron Oak Wy) .2 mi.	$ 12	$ 12	$ -
Bakersfield - Class III Bike Blvd	Greenwich/Balvanera (Verdugo Ln to Calloway Dr) .6 mi.	$ 28	$ 28	$ -
Bakersfield - Class III Bike Blvd	Haggin Oaks Blvd (Ming Av to Limoges Wy) .5 mi.	$ 26	$ 26	$ -
Bakersfield - Class III Bike Blvd	Half Moon Dr (Olympia Dr to Olympia Dr) 2.1 mi.	$ 106	$ 106	$ -
Bakersfield - Class III Bike Blvd	Hawaii/Wailea (Allen Rd to Noriega Rd) .4 mi.	$ 19	$ 19	$ -
Bakersfield - Class III Bike Blvd	Height St (178 Overcrossing to River Blvd) .7 mi.	$ 37	$ 37	$ -
Bakersfield - Class III Bike Blvd	High Oak Dr (Mountain Oak Dr to Scarlet Oak Dr) .2 mi.	$ 10	$ 10	$ -
Bakersfield - Class III Bike Blvd	Iron Crk/Goose Crk CT (Allen Rd to Jasmine Pk Dr) 3.7 mi.	$ 183	$ 183	$ -
Bakersfield - Class III Bike Blvd	Jeffrey St (River Blvd to Kern Island Canal) 1.1 mi.	$ 55	$ 55	$ -
Bakersfield - Class III Bike Blvd	Jewett Av (Columbus St to 30th St) .8 mi.	$ 40	$ 40	$ -
Bakersfield - Class III Bike Blvd	K St (Garces Memorial Circle to 17th St) .9 mi.	$ 43	$ 43	$ -
Bakersfield - Class III Bike Blvd	Kahala/Constitution Rou (Hawaii Ln to Sundance Wy) 1.3 mi.	$ 67	$ 67	$ -
Bakersfield - Class III Bike Blvd	Kelvin Grove (Exodus Ln to Elizabeth Grove Court) .2 mi.	$ 11	$ 11	$ -
Bakersfield - Class III Bike Blvd	King St (California Av to SR 58) 1.1 mi.	$ 54	$ 54	$ -
Bakersfield - Class III Bike Blvd	Knudsen Dr (Norris Rd to Hageman Rd) .9 mi.	$ 44	$ 44	$ -
Bakersfield - Class III Bike Blvd	La Costa St (Christmas Tree Ln to Auburn St) .7 mi.	$ 34	$ 34	$ -
Bakersfield - Class III Bike Blvd	La France Dr (Castro Lane to El Toro Drive) 1. mi.	$ 51	$ 51	$ -
Bakersfield - Class III Bike Blvd	Laurel Pk/Wrangler (Bay Meadows Ln to Calloway Dr) 1.8 mi.	$ 92	$ 92	$ -
Bakersfield - Class III Bike Blvd	Madison St (SR 58 to White Ln) 2.4 mi.	$ 119	$ 119	$ -
Bakersfield - Class III Bike Blvd	Marella Wy (Garnsey Av to Montclair Street) .5 mi.	$ 27	$ 27	$ -
Bakersfield - Class III Bike Blvd	Mc Innes Blvd (Scarlet Oak Blvd to St Gobain Blvd) .2 mi.	$ 8	$ 8	$ -
Bakersfield - Class III Bike Blvd	McCray St/Oildale Dr (Willow Dr to W China Grd Lp) 1.9 mi.	$ 96	$ 96	$ -
Bakersfield - Class III Bike Blvd	McInnes/Westwold Path (McInnes Blvd to Wwold Dr) .2 mi.	$ 8	$ 8	$ -
Bakersfield - Class III Bike Blvd	Meacham Rd (Hageman Rd to Clay Patrick Farr Wy) 2.3 mi.	$ 115	$ 115	$ -
Bakersfield - Class III Bike Blvd	Mezzadro/Alderbrk/Lavina (Allen Rd to Allen Rd) 3.6 mi.	$ 182	$ 182	$ -
Bakersfield - Class III Bike Blvd	Mirador/Camino Real (178 OverXing Path to Rdige Rd) .6 mi.	$ 28	$ 28	$ -
Bakersfield - Class III Bike Blvd	Mountain Oak Rd (White Oak Dr to High Oak Dr) .1 mi.	$ 5	$ 5	$ -
Bakersfield - Class III Bike Blvd	Mountain Park Dr (Kern R Pkwy to River Run Blvd) .2 mi.	$ 9	$ 9	$ -
Bakersfield - Class III Bike Blvd	Mtn Oak/McInnes (Pk Path to McInnes - Wwold Path) .3 mi.	$ 17	$ 17	$ -
Bakersfield - Class III Bike Blvd	N St (Brundage Ln to California Av) 1. mi.	$ 49	$ 49	$ -
Bakersfield - Class III Bike Blvd	Noble Av Route (River Blvd to Columbus St) 2.3 mi.	$ 115	$ 115	$ -
Bakersfield - Class III Bike Blvd	Noriega Rd (Renfro Rd to Calloway Dr) 2.7 mi.	$ 137	$ 137	$ -
Bakersfield - Class III Bike Blvd	Nutmeg Dr (Half Moon Dr to Wilson Rd) .2 mi.	$ 10	$ 10	$ -
Bakersfield - Class III Bike Blvd	Oak Grove (Westwold Dr to BRd Oak Av) .1 mi.	$ 4	$ 4	$ -
Bakersfield - Class III Bike Blvd	Old Town/Nantucket (Allen Rd to Jewetta Av) 3.3 mi.	$ 166	$ 166	$ -
Bakersfield - Class III Bike Blvd	Olympia Dr (Laurelglen Blvd to Half Moon Dr) .5 mi.	$ 24	$ 24	$ -
Bakersfield - Class III Bike Blvd	Outingdale Dr (El Portal Dr to Ashe Rd) .7 mi.	$ 36	$ 36	$ -
Bakersfield - Class III Bike Blvd	Paul Av (Jewetta Avenue to Treasure Island Street) .9 mi.	$ 45	$ 45	$ -
Bakersfield - Class III Bike Blvd	Pin Oak Blvd (Bear Creek Rd to District Blvd) 1.1 mi.	$ 57	$ 57	$ -

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class III Bike Blvd	Polo Dr (Dapple Wy to Meadow Creek St) .3 mi.	$ 13	$ 13	$ -
Bakersfield - Class III Bike Blvd	Quailwood/Quailridge (Truxtun Av to Stockdale Hwy) 1. mi.	$ 51	$ 51	$ -
Bakersfield - Class III Bike Blvd	Quantico Av (California Av to Brundage Ln) 1. mi.	$ 50	$ 50	$ -
Bakersfield - Class III Bike Blvd	Reina Rd (Allen Rd to Verdugo Ln) 1.5 mi.	$ 76	$ 76	$ -
Bakersfield - Class III Bike Blvd	Reliance Dr (Panama Ln to Reliance Dr) 2.2 mi.	$ 108	$ 108	$ -
Bakersfield - Class III Bike Blvd	Ridge Oak Dr (Old River Rd to Mountain Oak Road) .3 mi.	$ 14	$ 14	$ -
Bakersfield - Class III Bike Blvd	Riverlakes Dr (Elizabeth Grove to Coffee Rd) 1.7 mi.	$ 87	$ 87	$ -
Bakersfield - Class III Bike Blvd	Sage Dr (Half Moon Bay Drive to Wilson Road) .2 mi.	$ 10	$ 10	$ -
Bakersfield - Class III Bike Blvd	San Dimas St (36th Street to 38th St) .2 mi.	$ 10	$ 10	$ -
Bakersfield - Class III Bike Blvd	Scarlet Oak Blvd (High Oak Dr to Mc Innes Blvd) .2 mi.	$ 11	$ 11	$ -
Bakersfield - Class III Bike Blvd	St Gobain St (Mc Innes Blvd to BRd Oak Av) .2 mi.	$ 8	$ 8	$ -
Bakersfield - Class III Bike Blvd	Stellar Av (Old Farm Road to Campfire Drive) .3 mi.	$ 17	$ 17	$ -
Bakersfield - Class III Bike Blvd	Sundale Av (Ming Av to Stine Rd) 1.7 mi.	$ 85	$ 85	$ -
Bakersfield - Class III Bike Blvd	Toluca Dr Route (Renfro Rd to Allen Rd) 1.5 mi.	$ 74	$ 74	$ -
Bakersfield - Class III Bike Blvd	University Av (Panorama Dr to Columbus St) .7 mi.	$ 34	$ 34	$ -
Bakersfield - Class III Bike Blvd	Watts Dr (Union Av to Cottonwood Rd) .5 mi.	$ 25	$ 25	$ -
Bakersfield - Class III Bike Blvd	Wenatchee Av (Panorama Drive to Columbus Street) 1. mi.	$ 51	$ 51	$ -
Bakersfield - Class III Bike Blvd	Westwold Dr (Oak Grove St to El Portal Dr) .8 mi.	$ 40	$ 40	$ -
Bakersfield - Class III Bike Blvd	White Ln (Union Av to Cottonwood Rd) 1. mi.	$ 49	$ 49	$ -
Bakersfield - Class III Bike Blvd	White Oak Dr (Old River Rd to Mountain Oak Rd) .2 mi.	$ 12	$ 12	$ -
Bakersfield - Class III Bike Blvd	Yarnell (Paul Avenue to Calloway Drive) .3 mi.	$ 15	$ 15	$ -
Bakersfield - Class III Bike Route	H St (Taft Hwy to Bear Mountain Blvd) 4.2 mi.	$ 38	$ 38	$ -
Bakersfield - Class III Bike Route	Paladino Dr (Morning Dr to Alfred Harrell Hwy) 2.4 mi.	$ 22	$ 22	$ -
Bakersfield - Class III Bike Route	Rancheria Rd (Equestrian Center to Kern Canyon Rd) .4 mi.	$ 3	$ 3	$ -
Bakersfield - Class III Bike Route	Reina Rd (Nord Av to Allen Rd) 3. mi.	$ 27	$ 27	$ -
Bakersfield - Class III Bike Route	Olympia Drive from S. Laurel Glen Boulevard to Half Moon Bay Drive - 0.49 miles			
Bakersfield - Class III Bike Route	Old Walker Pass Road from Comanche Drive to Rancheria Road - 1.46 miles			
Bakersfield - Class III Bike Route	Kahala - Constitution Rou from Hawaii Lane to Jewetta Avenue - 1.34 miles			
Bakersfield - Class III Bike Route	Mezzadro/Alderbrk/Lavina from Allen Road to Allen Road - 3.63 miles			
Bakersfield - Class III Bike Route	Yarnell Bike Route from Paul Avenue to Calloway Drive - 0.31 miles			
Bakersfield - Class III Bike Route	Hawaii - Wailea from Allen Road to Noriega Road - 0.38 miles			
Bakersfield - Class III Bike Route	Mountain Park Dr from Kern River Parkway to River Run Boulevard - 0.18 miles			
Bakersfield - Class III Bike Route	Rose Petal Street from Brandy Rose Street to Ridge Oak Drive - 0.2 miles			
Bakersfield - Class III Bike Route	River Run Boulevard from Ming Avenue to Buena Vista Road - 0.93 miles			
Bakersfield - Class IV Cycle Track	21st St (Oak St to King St) 2.7 mi.	$ 801	$ 801	$ -
Bakersfield - Complete Streets	California Av (Mohawk St to Dr MLK Jr Blvd) 5.4 mi.	$ 3,092	$ 3,092	$ -
Bakersfield - Complete Streets	Golden State Av (21st St to 24th St) .3 mi.	$ 185	$ 185	$ -
Bakersfield - Complete Streets	Mt Vernon Av (E Brundage Ln to Columbus St) 3. mi.	$ 1,733	$ 1,733	$ -
Bakersfield - Complete Streets	Niles St (Union Av to Vineland Rd) 6.1 mi.	$ 3,513	$ 3,513	$ -
Bakersfield - Complete Streets	Palm St (Oak St to King St) 2.5 mi.	$ 1,462	$ 1,462	$ -
Bakersfield - Complete Streets	Stockdale/Brundage Ln (Old River Rd to S Fairfax Rd) 10.3 mi.	$ 5,949	$ 5,949	$ -
Bakersfield - Complete Streets	Union Av (W Columbus St to Ming Av) 4. mi.	$ 2,304	$ 2,304	$ -
Bakersfield/Caltrans - Class II Bike Ln	Morning Dr (Paladino Dr to Edison Hwy) 4.9 mi.	$ 445	$ 445	$ -
Bakersfield/Kern - Class I Shared Use	Alfred Harrell Hwy Path (Morning Dr to Existing Class I) 2.1 mi.	$ 1,853	$ 1,853	$ -
Bakersfield/Shftr - Class I Shared Use	7th Standard Rd (Nord Av to Rail Row Path) 6.5 mi.	$ 5,829	$ 5,829	$ -
Caltrans - Bikeway Study	SR 184 (Panama Rd to Di Giorgio Rd) 1. mi.	$ 150	$ 150	$ -
Caltrans - Class I Shared Use Path	Bike/Ped Bridge SR 178 (Height St to Mirador Dr) .1 mi.	$ 92	$ 92	$ -
Caltrans - Class I Shared Use Path	Weedpatch Hwy SR 184 (Mtn View Rd to Panama Rd) 1. mi.	$ 907	$ 907	$ -
Caltrans - Class II Bike Ln	E Bear Mtn Blvd SR 223 (Comanche Dr to Union St) 12.6 mi.	$ 1,138	$ 1,138	$ -
Caltrans - Class II Bike Ln	Kern Canyon Rd SR 178 (View St to Ranchiera Rd) 2.2 mi.	$ 198	$ 198	$ -

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Caltrans - Class II Bike Ln	Rosedale Hwy SR 58 (Enos Ln to Allen Rd) 6. mi.	$ 542	$ 542	$ -
Caltrans - Class II Bike Ln	SR 43/Enos Ln (Lerdo Hwy to Panama Ln) 14.2 mi.	$ 1,275	$ 1,275	$ -
Caltrans - Class II Bike Ln	SR 58 (Calloway Dr to Landco Dr) 3.4 mi.	$ 304	$ 304	$ -
Caltrans - Class II Bike Ln	SR 65 (James Rd to Merle Haggard Dr) 2.3 mi.	$ 203	$ 203	$ -
Caltrans - Class II Buffered Bike Ln	SR 58 (Allen Rd to Calloway Dr) 1.5 mi.	$ 269	$ 269	$ -
Caltrans - Class II Bike Ln	Weedpatch Hwy SR 184 (Brundage Ln to Mtn View Rd) 5.3 mi.	$ 476	$ 476	$ -
Bakersfield - Feasibility Studies	Various Feasibility Studies for Other Bike and Pedestrian Related Improvements			
Bakersfield - bike facilities	Various Locations - Construct Bike Boulevard projects			
Bakersfield - Intersection Enhanceme	Various Locations - Construct Intersection enhancement projects			
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 38,501**	**$ 38,501**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 198,001	$ 198,001	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 93,039**	**$ 93,039**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 52,523**	**$ 52,523**	**$ -**
Kern County - Corridor Improvement	Brundage Ln (Fairfax Rd to VineLn Rd) 1.9 mi.	$ 528	$ 528	$ -
Kern County - Corridor Improvement	Hall Rd (San Emidio St to Habecker Rd) .5 mi.	$ 141	$ 141	$ -
Kern County - Corridor Improvement	McCray St (Merle Haggard Dr to China Grade Loop) 1. mi.	$ 267	$ 267	$ -
Kern County - Corridor Improvement	Merle Haggard Dr (Pegasus Rd to Chester Av) 3.1 mi.	$ 844	$ 844	$ -
Kern County - Corridor Improvement	Myrtle Av (Panama Ln to Wharton Av) .9 mi.	$ 259	$ 259	$ -
Kern County - Corridor Improvement	Pioneer Dr (Oswell St to Morning Dr) .6 mi.	$ 153	$ 153	$ -
Kern County - Corridor Improvement	San Diego St (Burgundy Av to Wharton Av) .7 mi.	$ 190	$ 190	$ -
Kern County - Crossing Improvements	Airport Dr (Norris Rd to Roberts Ln) .7 mi.	$ 63	$ 63	$ -
Kern County - Crossing Improvements	Decatur St (N Chester Av to Sandord Dr) 1.3 mi.	$ 107	$ 107	$ -
Kern County - Crossing Improvements	E Fairview Rd (Hughes Ln to Farrel Dr) 2.2 mi.	$ 185	$ 185	$ -
Kern County - Crossing Improvements	Garber Wy (Bryant St to Malibar Av) .4 mi.	$ 32	$ 32	$ -
Kern County - Crossing Improvements	McCray St, Oildale Dr (W China Grade Loop to Roberts Ln) 1.3 mi.	$ 108	$ 108	$ -
Kern County - Crossing Improvements	Pioneer Dr (Oswell St to Normandy Dr) 1.5 mi.	$ 124	$ 124	$ -
Kern County - Crossing Improvements	Roberts Ln (Sanford Ln to Manor St) 1.8 mi.	$ 150	$ 150	$ -
Kern County - Crossing Improvements	W China Grade Loop (Airport Dr to N Chester Av) 1. mi.	$ 86	$ 86	$ -
Kern County - Sidewalk Improvement	Alta Vista Dr (Bernard Street to Panorama Drive) 1.1 mi.	$ 218	$ 218	$ -
Kern County - Sidewalk Improvement	Belle Terrace (Stine Road to H Street) 1.5 mi.	$ 288	$ 288	$ -
Kern County - Sidewalk Improvement	Bonita Rd (Main St to Habecker Rd) .5 mi.	$ 97	$ 97	$ -
Kern County - Sidewalk Improvement	Buena Vista Blvd (May Street to Buena Vista Blvd Mobile Park) .7 mi.	$ 140	$ 140	$ -
Kern County - Sidewalk Improvement	Carnation Ave (Mc Kee Road to Panama Road) .5 mi.	$ 95	$ 95	$ -
Kern County - Sidewalk Improvement	China Grade Loop (Chester Avenue to Manor Street) .5 mi.	$ 95	$ 95	$ -
Kern County - Sidewalk Improvement	College Av (Mt. Vernon Ave to Oswell St) 1. mi.	$ 190	$ 190	$ -
Kern County - Sidewalk Improvement	Collision St (Main St to Carnation Av) .2 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Columbus St (Loma Linda Drive to Alta Vista Drive) .2 mi.	$ 47	$ 47	$ -
Kern County - Sidewalk Improvement	Di Giorgio Rd (Pierce Drive to Weedpatch Highway) .7 mi.	$ 143	$ 143	$ -
Kern County - Sidewalk Improvement	Di Giorgio Rd (Fairfax Rd to Main St) 1. mi.	$ 190	$ 190	$ -
Kern County - Sidewalk Improvement	Dunnsmere St (San Diego Street to Weedpatch Highway) .2 mi.	$ 46	$ 46	$ -
Kern County - Sidewalk Improvement	Field St (Di Giorgio Rd to Tri Duncan Avenue) .5 mi.	$ 96	$ 96	$ -
Kern County - Sidewalk Improvement	Habecker Rd (Panama Rd to Segrue Rd) .7 mi.	$ 142	$ 142	$ -
Kern County - Sidewalk Improvement	Hall Rd (San Diego St to Main St) .3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Madison St (Belle Terrace to Casa Loma Drive) .4 mi.	$ 68	$ 68	$ -
Kern County - Sidewalk Improvement	Man O War St (Whirlaway St to Main St) .3 mi.	$ 59	$ 59	$ -
Kern County - Sidewalk Improvement	McKee Rd (H St to Shannon Dr) .5 mi.	$ 100	$ 100	$ -
Kern County - Sidewalk Improvement	McKee Rd (Main St to Carnation Av) .3 mi.	$ 49	$ 49	$ -
Kern County - Sidewalk Improvement	Mtn View Rd (RR xing to Sherman Rd) .8 mi.	$ 146	$ 146	$ -
Kern County - Sidewalk Improvement	Panama Rd (Habecker Rd to Main St) .5 mi.	$ 98	$ 98	$ -
Kern County - Sidewalk Improvement	Panama Rd (Gilbert Street to Habecker Rd) .7 mi.	$ 133	$ 133	$ -

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Kern County - Sidewalk Improvement	Pioneer Dr (Normandy Drive to Morning Dr) 1.4 mi.	$ 274	$ 274	$ -
Kern County - Sidewalk Improvement	Reynolds St (Whirlaway St to Main St) .3 mi.	$ 56	$ 56	$ -
Kern County - Sidewalk Improvement	Sanford Dr (Castaic Av to McKinley Av) .3 mi.	$ 54	$ 54	$ -
Kern County - Sidewalk Improvement	Segrue Rd (San Emidio St to Habecker Rd) 1. mi.	$ 181	$ 181	$ -
Kern County - Sidewalk Improvement	Shannon Dr (Astor Av to McKee Rd) .3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Sterling Rd (Hillburn Rd to Niles St) .3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Union Av (McKee Rd to Taft Hwy) .5 mi.	$ 96	$ 96	$ -
Kern County - Sidewalk Improvement	Wharton Av (San Emidio St to Myrtle Av) .7 mi.	$ 132	$ 132	$ -
Kern County - Complete Streets/ITS Ir	Other Future developments funded by a transportation impact fee and mitigation	$ 45,865	$ 45,865	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 52,440**	**$ 52,440**	**$ -**
Non-motorized Bakersfield	Construct Class I, II or Class IIII Bike Path; striping; signage	$ 34,972	$ 34,972	$ -
Kern County - Bikeway Study	Truxtun Av (Oak St to Washington St) 3.5 mi.	$ 530	$ 530	$ -
Kern County - Class I Shared Use Path	Bike/Ped Bridge SR 99 (Wood Lane to Wood Lane) .1 mi.	$ 51	$ 51	$ -
Kern County - Class I Shared Use Path	Norris Rd (Snow Rd to Manor St) 3.3 mi.	$ 3,009	$ 3,009	$ -
Kern County - Class II Bike Ln	Beardsley Av (McCray Street to Chester Avenue) .5 mi.	$ 46	$ 46	$ -
Kern County - Class II Bike Ln	Braeburn Dr (Country Club Dr to College Av) .6 mi.	$ 55	$ 55	$ -
Kern County - Class II Bike Ln	Breckenridge Rd (Weedpatch Hwy to Comanche Dr) 4.3 mi.	$ 386	$ 386	$ -
Kern County - Class II Bike Ln	Brimhall Rd (Enos Ln to Rudd Av) 4.5 mi.	$ 407	$ 407	$ -
Kern County - Class II Bike Ln	Brundage Ln (Madison St to Edison Hwy) 1.9 mi.	$ 170	$ 170	$ -
Kern County - Class II Bike Ln	Calloway Dr (Rosedale Hwy to Brimhall Rd) 1. mi.	$ 92	$ 92	$ -
Kern County - Class II Bike Ln	China Grade Loop (Carrere St to Manor St) .4 mi.	$ 38	$ 38	$ -
Kern County - Class II Bike Ln	Comanche Dr (Panama Ln to Muller Rd) 7.5 mi.	$ 678	$ 678	$ -
Kern County - Class II Bike Ln	Day Av (Manor St to N Chester Av) .5 mi.	$ 45	$ 45	$ -
Kern County - Class II Bike Ln	DiGiorgio Rd (Vineland Rd to Comanche Dr) 3. mi.	$ 273	$ 273	$ -
Kern County - Class II Bike Ln	Douglas St (McCray St to Chester Av) .5 mi.	$ 44	$ 44	$ -
Kern County - Class II Bike Ln	Edison Hwy (Mt Vernon Av to Comanche Dr) 7.8 mi.	$ 705	$ 705	$ -
Kern County - Class II Bike Ln	Edison Rd (Breckenridge Road to Edison Highway) .8 mi.	$ 75	$ 75	$ -
Kern County - Class II Bike Ln	Hageman Rd (Jenkins Rd to Nord Av) 2.5 mi.	$ 226	$ 226	$ -
Kern County - Class II Bike Ln	Hall Rd (SR 184 to Habecker Rd) .5 mi.	$ 46	$ 46	$ -
Kern County - Class II Bike Ln	Heath Rd (Hageman Rd to Stockdale Hwy) 3. mi.	$ 270	$ 270	$ -
Kern County - Class II Bike Ln	Hermosa Rd (Fairfax Rd to Comanche Dr) 5. mi.	$ 453	$ 453	$ -
Kern County - Class II Bike Ln	Houghton Rd (Old River Rd to Union Av) 6. mi.	$ 543	$ 543	$ -
Kern County - Class II Bike Ln	James Rd (SR 65 to Chester Av) 3.5 mi.	$ 314	$ 314	$ -
Kern County - Class II Bike Ln	McCray St (Merle Haggard Rd to Day Av) .4 mi.	$ 36	$ 36	$ -
Kern County - Class II Bike Ln	Meacham Rd (Nord Av to Allen Rd) 3. mi.	$ 271	$ 271	$ -
Kern County - Class II Bike Ln	Merle Haggard Rd (Chester Av to Airport Dr) 1. mi.	$ 89	$ 89	$ -
Kern County - Class II Bike Ln	Mountain View Rd (Fairfax Rd to Comanche Dr) 5. mi.	$ 454	$ 454	$ -
Kern County - Class II Bike Ln	Muller Rd (Comanche Dr to Oswell St) 6. mi.	$ 544	$ 544	$ -
Kern County - Class II Bike Ln	N Chester Av (McKelvey Av to Manor St) .3 mi.	$ 23	$ 23	$ -
Kern County - Class II Bike Ln	Old Farm Rd (Rosedale Hwy to Mia Virginia Court) .5 mi.	$ 46	$ 46	$ -
Kern County - Class II Bike Ln	Old River Rd (Taft Hwy to Shafter Rd) 4. mi.	$ 362	$ 362	$ -
Kern County - Class II Bike Ln	Panama Rd (Habecker Rd to S Comanche Dr) 3.5 mi.	$ 318	$ 318	$ -
Kern County - Class II Bike Ln	Pegasus Dr (Merle Haggard Dr to Norris Rd) 1.8 mi.	$ 158	$ 158	$ -
Kern County - Class II Bike Ln	Pioneer Dr (Vineland Rd to Oswell St) 3. mi.	$ 270	$ 270	$ -
Kern County - Class II Bike Ln	Roberts Ln (Norris Rd to Sequoia Dr) 1.7 mi.	$ 157	$ 157	$ -
Kern County - Class II Bike Ln	Roberts Ln (Chester Av to Manor St) .5 mi.	$ 48	$ 48	$ -
Kern County - Class II Bike Ln	Sunset Blvd (Weedpatch Hwy to Vineland Rd) 1. mi.	$ 93	$ 93	$ -
Kern County - Class II Bike Ln	Superior Rd (SR 58 to Stockdale Hwy) 2. mi.	$ 181	$ 181	$ -
Kern County - Class II Bike Ln	Vineland Rd (Pioneer Dr to SR 223) 11. mi.	$ 993	$ 993	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Kern County - Class II Bike Ln	Union Avenue from Panama Road to Bear Mountain Blvd - 4 miles			
Kern County - Class II Bike Ln	Santa Fe Way from Driver Road to Riverside Street - 3.6 miles			
Kern County - Class II Bike Ln	Rudd Avenue from Palm Avenue to Brimhall Road - 0.5 miles			
Kern County - Class II Bike Ln	Roberts Lane from Norris Road to Washington Avenue - 0.5 miles			
Kern County - Class II Bike Ln	Roberts Lane from Washington Avenue to Standford Drive - 0.7 miles			
Kern County - Class II Bike Ln	River Blvd from Panorama Drive to Bernard Street - 1.3 miles			
Kern County - Class II Bike Ln	Pioneer Drive from Oswell Steet to Morning Drive - 2 miles			
Kern County - Class II Bike Ln	Patton Way from Snow Road to Hageman Road - 1.8 miles			
Kern County - Class II Bike Ln	Panama Road from Weedpatch Hwy to S Comanche Drive - 4 miles			
Kern County - Class II Bike Ln	Palm Avenue from Heath Road to Renfro Road - 1 miles			
Kern County - Class II Buffered Bike Lr	Airport Dr (Roberts Ln to Merle Haggard Dr) 2.2 mi.	$ 403	$ 403	$ -
Kern County - Class II Buffered Bike Lr	California Av (Mt Vernon Av to Edison Hwy) .6 mi.	$ 101	$ 101	$ -
Kern County - Class II Buffered Bike Lr	Chester Av (Merle Haggard Rd to Norris Rd) 1.4 mi.	$ 253	$ 253	$ -
Kern County - Class II Buffered Bike Lr	Di Giorgio Rd (Pierce Dr to S Vineland Rd) 1.8 mi.	$ 320	$ 320	$ -
Kern County - Class II Buffered Bike Lr	Olive Dr (Coffee Rd to Victor St) 1.7 mi.	$ 304	$ 304	$ -
Kern County - Class II Buffered Bike Lr	S Union Av (Panama Rd to Bear Mountain Blvd) 4. mi.	$ 723	$ 723	$ -
Kern County - Class III Bike Blvd	Baldwin Rd (Terrace Wy to Ming Av) .8 mi.	$ 38	$ 38	$ -
Kern County - Class III Bike Blvd	Breckenridge Rd (End of Street to Comanche Drive) 4.5 mi.	$ 224	$ 224	$ -
Kern County - Class III Bike Blvd	C Club Dr/H Mann Av/Pentz St (College Av to Ctr St) .8 mi.	$ 40	$ 40	$ -
Kern County - Class III Bike Blvd	Castro Ln (Wood Lane to La France Drive) .1 mi.	$ 6	$ 6	$ -
Kern County - Class III Bike Blvd	Center St (Pentz St to Pesanta Rd) .8 mi.	$ 38	$ 38	$ -
Kern County - Class III Bike Blvd	China Grade Loop (City Limit to Alfred Harrell Highway) .9 mi.	$ 47	$ 47	$ -
Kern County - Class III Bike Blvd	Culver St (Sterling Rd to Pasante Rd) .1 mi.	$ 6	$ 6	$ -
Kern County - Class III Bike Blvd	Edwards Av (Mt Vernon Avenue to Oswell Street) 1.2 mi.	$ 59	$ 59	$ -
Kern County - Class III Bike Blvd	Ferguson Av (Chester Av to Manor St) .5 mi.	$ 24	$ 24	$ -
Kern County - Class III Bike Blvd	Floral Dr (Camino Real to Mt Vernon Avenue) .1 mi.	$ 6	$ 6	$ -
Kern County - Class III Bike Blvd	Habecker Rd (Panama Rd to Di Giorgio Rd) 1. mi.	$ 50	$ 50	$ -
Kern County - Class III Bike Blvd	Hall Rd (Main St to Habecker Rd) .4 mi.	$ 21	$ 21	$ -
Kern County - Class III Bike Blvd	Iron Oak Wy (Norris Rd to Exodus Ln) .1 mi.	$ 5	$ 5	$ -
Kern County - Class III Bike Blvd	Myrtle Av (Di Giorgio Rd to Panama Rd) 1. mi.	$ 50	$ 50	$ -
Kern County - Class III Bike Blvd	Norris Rd (Coffee Rd to Knudsen Dr) 1.8 mi.	$ 91	$ 91	$ -
Kern County - Class III Bike Blvd	Palm Av (Wagis Av to Heath Rd) .5 mi.	$ 25	$ 25	$ -
Kern County - Class III Bike Blvd	Pesante Rd (Culver St to Center St) .1 mi.	$ 3	$ 3	$ -
Kern County - Class III Bike Blvd	Round Mountain Rd (End of Street to China Grd Lp) 9.8 mi.	$ 489	$ 489	$ -
Kern County - Class III Bike Blvd	San Diego St (Di Giorgio Rd to Panama Rd) 1.1 mi.	$ 54	$ 54	$ -
Kern County - Class III Bike Blvd	Segrue Rd (San Emidio St to Habecker Rd) .9 mi.	$ 48	$ 48	$ -
Kern County - Class III Bike Blvd	Shafter Rd (Old River Rd to H St) 5. mi.	$ 250	$ 250	$ -
Kern County - Class III Bike Blvd	Shalimar Dr (Pioneer Dr to Niles St) .5 mi.	$ 25	$ 25	$ -
Kern County - Class III Bike Blvd	Sterling Rd (Brundage Ln to College Av) 2. mi.	$ 100	$ 100	$ -
Kern County - Class III Bike Blvd	Terrace Wy (A St to Baldwin Rd) .1 mi.	$ 3	$ 3	$ -
Kern County - Class III Bike Blvd	Valencia Dr (Pioneer Dr to College Av) 1. mi.	$ 50	$ 50	$ -
Kern County - Class III Bike Blvd	Wood Ln (99 Overcrossing to Castro Lane) .3 mi.	$ 13	$ 13	$ -
Kern County - Class III Bike Blvd	Wood Ln (Stine Road to 99 Overcrossing) .5 mi.	$ 24	$ 24	$ -
Kern County - Class III Bike Blvd	Woodrow Av (Roberts Ln to N Chester Av) 1.8 mi.	$ 92	$ 92	$ -
Kern County - Class III Bike Route	Airport Dr (Bksfld-Glennville Rd to Merle Haggard Dr) 1.9 mi.	$ 17	$ 17	$ -
Kern County - Class III Bike Route	Edison Rd (Edison Hwy to SR 223) 9.7 mi.	$ 87	$ 87	$ -
Kern County - Class III Bike Route	Fairfax Rd (Panama Rd to SR 223) 4. mi.	$ 36	$ 36	$ -
Kern County - Class III Bike Route	Olive Dr (Sequoia Dr to N Chester Av) .7 mi.	$ 7	$ 7	$ -
Kern County - Class IV Cycle Track	Olive Dr (Victor St to Sequoia Dr) 1.6 mi.	$ 478	$ 478	$ -
Kern County - Complete Streets	Palm Av (San Gorgonio St to Williams St) .6 mi.	$ 360	$ 360	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Advanced Tech, Safe, Clean Transporta	**Sub-total Projects in Subarea**	**$ 892,357**	**$ 892,357.01**	$ -

METRO BAKERSFIELD SUBAREA	**Total Projects Benefiting Subarea**	**$ 11,360,322**	**$ 13,714,355**	**$ 3,234,596**
	Total Projects in Sub Area	$ 8,842,981	$ 10,430,097	$ 2,467,679

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Delano - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 36,283**	**$ 36,283**	**$ 17,053**
Delano - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 107,565	$ 107,565	$ 50,555
McFarland - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 10,404**	**$ 10,404**	**$ 4,890**
McFarland - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 30,581	$ 30,581	$ 14,373
Shafter - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 17,082**	**$ 17,082**	**$ 8,028**
Shafter - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 47,470	$ 47,470	$ 22,311
Wasco - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 18,642**	**$ 18,642**	**$ 8,762**
Wasco - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 54,912	$ 54,912	$ 25,808
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 68,106**	**$ 68,106**	**$ 32,010**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 233,518	$ 233,518	$ 109,753
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 171,378	$ 171,378	$ 80,548
Fix-It-First, Keep-It-Local / Cost-Efficier	**Sub-total Projects in Subarea**	**$ 795,940**	**$ 795,940**	**$ 374,092**
Regional Projects				
Ready-To-Go, Regional Projects				
7th Standard Rd	Rt 43 to Santa Fe Way - widen existing roadway	$ 11,857	$ 14,000	$ 2,143
Route 46	[1]Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4A	$ 27,000	$ 27,000	$ -
Route 46	[1]Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4B			
Route 46	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4C			
Route 65	James Rd to Merle Haggard Dr - widen to four lanes	$ 2,869	$ 3,000	$ 131
Route 99	Beardsley Canal to 7th Standard Rd - widen to eight lanes	$ 74,150	$ 90,800	$ 16,650
Route 99	[2]Olive Drive - construct interchange upgrades	$ 6,100	$ 6,100	$ -
Route 99	Kern Ave - reconstruct pedestrian bridge (SHOPP)	$ 5,391	$ 5,391	$ -
Hageman Flyover	[1,2]Knudsen Dr to Rt 204 - construct extension	$ 68,900	$ 68,900	$ -
West Beltway	[1,2]Pacheco Rd to Westside Parkway - construct new facility	$ 64,229	$ 115,793	$ 51,564
West Beltway	[1,2]Taft Hwy to Pacheco Rd - construct new facillity	$ 68,025	$ 90,000	$ 21,975
Freight Rail	Shafter Intermodal Rail Facility			
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 328,521**	**$ 420,984**	**$ 92,464**
Next-In-Line, Regional Projects				
Route 46	[1]I-5 to Jumper Ave - widen to four lanes	$ 89,188	$ 118,000	$ 28,812
Route 46	[1]Jumper Ave (North) to Rt 43 - widen to four lanes	$ 98,258	$ 130,000	$ 31,742
Route 46	[1]Rt 43 to Rt 99 - widen to four lanes	$ 52,908	$ 70,000	$ 17,092
Woollomes Ave.	[1]Rt 99 - widen bridge to four lanes; reconstruct ramps	$ 101,281	$ 134,000	$ 32,719
Santa Fe Way	[1]Hageman to Los Angeles Ave - widen to four lanes	$ 94,688	$ 127,239	$ 32,551
Route 46	Rt 46 @ BNSF - construct grade separation	$ 29,855	$ 39,500	$ 9,645
Route 46	Near Lost Hills at Interstate 5 - upgrade and widen interchange	$ 98,258	$ 130,000	$ 31,742
Interstate 5	7th Standard Rd Interchange - reconstruct	$ 40,815	$ 54,000	$ 13,185
Route 43	7th Standard Rd to Euclid Ave - widen to four lanes	$ 27,966	$ 37,000	$ 9,034
Route 65	Merle Haggard Dr to County Line - widen to four lanes	$ 163,259	$ 216,000	$ 52,741
Route 99	Gleenwood/High St - construct new overpass	$ 29,855	$ 39,500	$ 9,645
Route 99	Pond Rd - reconstruct grade separation / interchange	$ 55,100	$ 72,901	$ 17,800
Route 99	Perkins Ave - reconstuct hook ramps	$ 5,909	$ 7,818	$ 1,909
Route 99	Sherwood Ave - reconstruct hook ramps	$ 5,909	$ 7,818	$ 1,909
Route 99	Sherwood Ave - pedestrian bridge/improvements	$ 4,075	$ 5,391	$ 1,316
Route 99	Hanawalt - construct new grade separation / interchange	$ 66,091	$ 88,811	$ 22,720

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Route 99	Whistler grade separation / interchange - reconstruct	$ 55,100	$ 72,901	$ 17,800
Route 155	Rt 99 to Browning Rd - four lanes; reconstruct	$ 24,186	$ 32,000	$ 7,814
Route 155	Rt 155 @ UPRR - construct grade separation	$ 29,855	$ 39,500	$ 9,645
Garces Highway	Interstate 5 to Rt 99 - widen to four lanes	$ 218,422	$ 288,983	$ 70,562
Cecil Ave.	Wasco Pond Rd to Albany St - widen to four lanes	$ 13,454	$ 17,800	$ 4,346
Kimberlina Road	Kimberlina Rd @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Elmo Highway	Elmo Hwy @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Lerdo Highway	Lerdo Hwy / Beech Ave @ BNSF - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Burbank Street	Burbank St @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Zachary Rd	7th Standard Rd to Lerdo Hwy - widen to four lanes	$ 26,080	$ 34,505	$ 8,425
7th Standard Rd	[2]I-5 to Santa Fe Way - widen to four lanes	$ 68,461	$ 90,577	$ 22,116
7th Standard Rd	[2]Rt 43 to Santa Fe Way - widen existing roadway	$ 11,857	$ 14,000	$ 2,143
Route 204	[2](Golden State Ave) Rt 99 to M St - construct operational improvements	$ 75,583	$ 100,000	$ 24,417
North Corridor - Shafter	I-5 to SR 65 - Burbank Street Alignment - construct new highway	$ 372,086	$ 500,000	$ 127,914
Amtrak Stations - NW Bksfld, Shafter	Up to 4 Amtrak San Joaquins stops on BNSF - platform, track turnout, park&ride, ticket both,	$ 27,024	$ 34,049	$ 7,024
Intermodal rail hub - Delano	RailEx Expansion Phase 2 (Draft SJV Interregional Goods Movement Plan IGM)	$ 8,107	$ 10,215	$ 2,107
Intermodal rail hub - Shafter	Shafter Inland Port Phases 2 & 3 (Draft SJV IGMP)	$ 81,073	$ 102,146	$ 21,073
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 2,168,193**	**$ 2,870,653**	**$ 702,460**
	Sub-total Projects Subarea	**$ 1,993,188**	**$ 2,638,837**	**$ 645,649**
Advanced Tech, Safe, Clean Transportation				
Delano - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 12,316**	**$ 12,316**	**$ -**
Delano - non-potential new funds	Cost-efficient, safe, clean transportion	$ 51,758	$ 51,758	$ -
Delano - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 12,425**	**$ 12,425**	**$ -**
Delano - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 29,672**	**$ 29,672**	**$ -**
Delano - Bulbouts	10th Av - Main St	$ 60	$ 60	$ -
Delano - Bulbouts	13th Av - Main St	$ 60	$ 60	$ -
Delano - Bulbouts	Garces Hwy - S Lexington St	$ 60	$ 60	$ -
Delano - Corridor Improvement	11th Av (Timmons Av to Randolph St) 2.3 mi.	$ 623	$ 623	$ -
Delano - Corridor Improvement	Albany St (County Line Rd to Woollomes Av) 3. mi.	$ 825	$ 825	$ -
Delano - Corridor Improvement	Ellington St (Cecil Av to Garces Hwy) 1. mi.	$ 280	$ 280	$ -
Delano - Corridor Improvement	Jefferson St (Cecil Av to Garces Hwy) 1. mi.	$ 280	$ 280	$ -
Delano - Corridor Improvement	Woollomes Av (Albany St to Ellington St) .8 mi.	$ 218	$ 218	$ -
Delano - High-Visibility Crosswalk	Cecil Av - Clinton St	$ 11	$ 11	$ -
Delano - RRFB	Norwalk St - 17th Av	$ 30	$ 30	$ -
Kern County - Sidewalk Improvement	Mathews Av (Christina Street to Melcher Road) .3 mi.	$ 1,500	$ 1,500	$ -
Delano - Complete Streets/ITS Improv	Other Future developments funded by a transportation impact fee and mitigation	$ 25,724	$ 25,724	$ -
Delano - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 9,661**	**$ 9,661**	**$ -**
Delano - Class II Bike Ln	11th St (Randolph St to Albany St) 1.5 mi.	$ 136	$ 136	$ -
Delano - Class II Bike Ln	20th St (Girard St to Browning Rd) 1.5 mi.	$ 135	$ 135	$ -
Delano - Class II Bike Ln	Albany St (Garces Hwy to Woollomes Av) 1. mi.	$ 90	$ 90	$ -
Delano - Class II Bike Ln	Cecil Av (Hiett Av to Albany St) 5. mi.	$ 45	$ 45	$ -
Delano - Class II Bike Ln	Garces Hwy (Hiett Av to Albany St) 5. mi.	$ 45	$ 45	$ -
Delano - Class II Bike Ln	Girard St (20th St to County Line Rd) .5 mi.	$ 45	$ 45	$ -
Delano - Class II Bike Ln	Hiett Rd (Cecil Av to SR 155) 1. mi.	$ 90	$ 90	$ -
Delano - Class II Bike Ln	High St (SR 155 to Woollomes Av) 1.1 mi.	$ 95	$ 95	$ -
Delano - Class II Bike Ln	Randolph St (Garces St to County Line Rd) 2. mi.	$ 180	$ 180	$ -
Delano - Class II Bike Ln	S Lexington St (Schuster Rd to Garces Hwy) 2.1 mi.	$ 186	$ 186	$ -
Delano - Class II Bike Ln	Ellington St (11th Av to Woollomes Av) 1. mi.	$ 146	$ 146	$ -
Delano - Class II Bike Ln	Dover Pkwy (Millenium Pkwy to Garzoli Av) .6 mi.	$ 54	$ 54	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Delano - Class II Bike Ln	Schuster Rd (Lexington St to Browning Rd) .6 mi.	$ 54	$ 54	$ -
Delano - Class II Bike Ln	Hiett Av (County Line Rd to Cecil Av) 1. mi.	$ 90	$ 90	$ -
Delano - Class II Bike Ln	Garzoli Av (Woollomes Av to Pond Rd) 2. mi.	$ 180	$ 180	$ -
Delano - Class II Buffered Bike Ln	Browning St (Garces Hwy to 9th Av) .5 mi.	$ 90	$ 90	$ -
Delano - Class II Buffered Bike Ln	Browning St (9th Av to County Line Rd) 1.5 mi.	$ 271	$ 271	$ -
Delano - Class II Buffered Bike Ln	High St (Garces Hwy to Girard St) 1.7 mi.	$ 309	$ 309	$ -
Delano - Class III Bike Blvd	Clinton St (Cecil Av to Garces Hwy) 1. mi.	$ 51	$ 51	$ -
Delano - Class III Bike Blvd	Lexington St (Garces Hwy to Cecil Av) 1. mi.	$ 50	$ 50	$ -
Delano - Class III Bike Blvd	Norwalk Av (Cecil Av to County Line Rd) 1. mi.	$ 50	$ 50	$ -
Delano - Class III Bike Route	11th Av (Albany St to Hiett Av) .5 mi.	$ 5	$ 5	$ -
Delano - Class III Bike Route	20th Av (Albany St to Belmont St) .1 mi.	$ 1	$ 1	$ -
Delano - Class III Bike Route	9th St (High St to Browning Rd) 1.3 mi.	$ 12	$ 12	$ -
Delano - Class III Bike Route	Belmont St (20th Av to Cecil Av) .5 mi.	$ 5	$ 5	$ -
Delano - Class III Bike Route	Browning Rd (SR 155 to Skyline Rd) 2. mi.	$ 18	$ 18	$ -
Delano - Class III Bike Route	County Line Rd (Hiett Av to Veneto St) 3. mi.	$ 27	$ 27	$ -
Delano - Class III Bike Route	Melcher Rd (County Line Rd to Cecile Wy) 1. mi.	$ 9	$ 9	$ -
Delano - Class III Bike Route	Veneto St (County Line Rd to 20th St) .5 mi.	$ 5	$ 5	$ -
Delano - Class III Bike Route	Garzoli Av (Pond Rd to Delano City Limit) .5 mi.	$ 50	$ 50	$ -
Delano - Complete Streets	Cecil Av (Browning Rd to Albany St) 2. mi.	$ 1,146	$ 1,146	$ -
Delano - Complete Streets	Garces Hwy (Albany St to Browning Rd) 2. mi.	$ 1,140	$ 1,140	$ -
Delano - Complete Streets	Lexington St (Garces Hwy to Cecil Av) 1. mi.	$ 575	$ 575	$ -
Delano - Complete Streets	Albany St (County Line Rd to Garces Hwy) 2. mi.	$ 1,150	$ 1,150	$ -
Delano - Complete Streets	Woolomes Av (Albany St to Lexington St) 1. mi.	$ 575	$ 575	$ -
Kern County - Class II Bike Ln	Garzoli Av (Peterson Rd to Delano City Limit) .8 mi.	$ 68	$ 68	$ -
	Lake Woollomes Loop from Lake Woollomes to Lake Woollomes - 5.3 miles - Class I	$ 2,104	$ 2,104	$ -
	Stradley Avenue from SR 155 to Sherwood Avenue - 6 miles - Class II	$ 179	$ 179	$ -
	Pond Road from Benner Avenue to Stradley Avenue - 3 miles - Class II	$ 91	$ 91	$ -
	Mast Avenue from Garces Hwy to Airport Avenue - 1 miles - Class II	$ 30	$ 30	$ -
	Airport Avenue from Mast Avenue to Proposed Woollomes - 2.7 miles - Class II	$ 81	$ 81	$ -
McFarland - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 3,406**	**$ 3,406**	**$ -**
McFarland - non-potential new funds	Cost-efficient, safe, clean transportion	$ 14,286	$ 14,286	$ -
McFarland - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 3,407**	**$ 3,407**	**$ -**
McFarland - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 4,898**	**$ 4,898**	**$ -**
McFarland - Corridor Improvement	5th St (Perkins Av to Sherwood Av) .5 mi.	$ 137	$ 137	$ -
McFarland - Corridor Improvement	Browning Rd (Glenwood Av to Sherwood Av) .7 mi.	$ 187	$ 187	$ -
McFarland - Corridor Improvement	E Kern Av (McFarland Bridge to Wiley St) .5 mi.	$ 135	$ 135	$ -
McFarland - Corridor Improvement	Perkins Av Access Ramp (West Perkins Av to Christopher Court) .3 mi.	$ 89	$ 89	$ -
McFarland - Corridor Improvement	Sherwood Av Access Ramp (West Sherwood Av to East Sherwood Av) .3 mi.	$ 90	$ 90	$ -
McFarland - High-Visibility	2nd St - Kern Av	$ 11	$ 11	$ -
McFarland - High-Visibility	Mast Av - Cliff Av	$ 11	$ 11	$ -
McFarland - High-Visibility	Taylor Av - Mast Av	$ 11	$ 11	$ -
McFarland - Sidewalk Improvement	1st St (W Kern Av to W Sherwood Av) .2 mi.	$ 47	$ 47	$ -
McFarland - Sidewalk Improvement	1st St (W Perkins Av to W Kern Av) .3 mi.	$ 49	$ 49	$ -
McFarland - Sidewalk Improvement	W Kern Av (9th St to 1st St) .6 mi.	$ 108	$ 108	$ -
McFarland - Sidewalk Improvement	W Perkins Av (Garzoli Av to Frontage Rd) .7 mi.	$ 130	$ 130	$ -
McFarland - Complete Streets/ITS Imp	Other Future developments funded by a transportation impact fee and mitigation	$ 3,894	$ 3,894	$ -
McFarland - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 5,980**	**$ 5,980**	**$ -**
McFarland - Class I Shared Use Path	Union Pacific RR (Sherwood Av to Elmo Hwy) 1.1 mi.	$ 1,004	$ 1,004	$ -
McFarland - Class II Bike Ln	Browning Rd (Elmo Hwy to W Taylor Av) 1.5 mi.	$ 135	$ 135	$ -
McFarland - Class II Bike Ln	Davis Av (Elmo Hwy to Perkins Av) .5 mi.	$ 45	$ 45	$ -
McFarland - Class II Bike Ln	Elmo Hwy (Browning Rd to West City Limits) 3.5 mi.	$ 315	$ 315	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
McFarland - Class II Bike Ln	Frontage Rd (Sherwood Av to Taylor Av) .6 mi.	$ 54	$ 54	$ -
McFarland - Class II Bike Ln	Frontage Rd (Hail Ln to Perkins Av) .3 mi.	$ 27	$ 27	$ -
McFarland - Class II Bike Ln	Hail Ln (Garzoli Av to Frontage Rd) .7 mi.	$ 59	$ 59	$ -
McFarland - Class II Bike Ln	Kendra St (Elmo Hwy to Perkins Av) .5 mi.	$ 45	$ 45	$ -
McFarland - Class II Bike Ln	Mast Av (Taylor Av to Whisler Rd) 1.5 mi.	$ 135	$ 135	$ -
McFarland - Class II Bike Ln	Perkins Av (Garzoli Av to Stradley Av) 1. mi.	$ 90	$ 90	$ -
McFarland - Class II Bike Ln	Sherwood Access Ramps (SR 49/99 to Sherwood Av) .3 mi.	$ 23	$ 23	$ -
McFarland - Class II Bike Ln	Sherwood Av (Wiley St to Driver Rd) .7 mi.	$ 65	$ 65	$ -
McFarland - Class II Bike Ln	Taylor Av (Mast Av to Frontage Rd) .4 mi.	$ 36	$ 36	$ -
McFarland - Class II Bike Ln	Taylor Av (SR 99 to Driver Rd) 1.1 mi.	$ 100	$ 100	$ -
McFarland - Class II Bike Ln	W Kern Av (5th St to Garzoli Av) .4 mi.	$ 35	$ 35	$ -
McFarland - Class II Buffered Bike Ln	E Perkins Av (Industrial St to Bowman Rd) .7 mi.	$ 128	$ 128	$ -
McFarland - Class II Buffered Bike Ln	E Sherwood Av (Industrial St to Wiley St) .4 mi.	$ 76	$ 76	$ -
McFarland - Class II Buffered Bike Ln	Garzoli Av (Hanahwalt Av to Elmo Hwy) 2. mi.	$ 359	$ 359	$ -
McFarland - Class II Buffered Bike Ln	Perkins Av (Garzoli Av to Frontage Rd) .7 mi.	$ 123	$ 123	$ -
McFarland - Class II Buffered Bike Ln	Perkins Av Access Ramp (W Prkns Av to E Prkns Av) .3 mi.	$ 53	$ 53	$ -
McFarland - Class III Bike Blvd	3rd St (Perkins Av to Sherwood Av) .5 mi.	$ 25	$ 25	$ -
McFarland - Class III Bike Blvd	5th St (Hail Ln to Ebell St) .9 mi.	$ 44	$ 44	$ -
McFarland - Class III Bike Blvd	E Kern Av (McFarland Bridge to Wiley St) .5 mi.	$ 24	$ 24	$ -
McFarland - Class III Bike Blvd	Ebell St (5th St to Mast Av) .1 mi.	$ 5	$ 5	$ -
McFarland - Class III Bike Blvd	W Kern Av (1st St to 5th St) .3 mi.	$ 17	$ 17	$ -
McFarland - Complete Streets	W Sherwood Av (1st St to Garzoli Av) .8 mi.	$ 440	$ 440	$ -
Kern County - Class II Bike Ln	Bowman Rd (Peterson Rd to Whisler Rd) 4. mi.	$ 360	$ 360	$ -
Kern County - Class II Bike Ln	Driver Rd (Whisler Rd to Peterson Rd) 4. mi.	$ 359	$ 359	$ -
Kern County - Class II Bike Ln	Garzoli Av (Peterson Rd to Elmo Hwy) 1. mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Garzoli Av (Hanawalt Av to Whisler Rd) 1. mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Hanawalt Av (SR 99 to Stradley Av) 2. mi.	$ 181	$ 181	$ -
Kern County - Class II Bike Ln	Hanawalt Av (SR 99 to Driver Rd) 1. mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Nill Av (Garzoli Av to SR 99) 1.1 mi.	$ 100	$ 100	$ -
Kern County - Class II Bike Ln	Perkins Av (Bowman Rd to Driver Rd) .5 mi.	$ 45	$ 45	$ -
Kern County - Class II Bike Ln	Peterson Rd (Stradley Av to Garzoli Av) 1. mi.	$ 89	$ 89	$ -
Kern County - Class II Bike Ln	Peterson Rd (Driver Rd to Scheitlin Av) 1.5 mi.	$ 139	$ 139	$ -
Kern County - Class II Bike Ln	Scheitlin Av (Peterson Rd to Elmo Hwy) 1.1 mi.	$ 101	$ 101	$ -
Kern County - Class II Bike Ln	Sherwood Av (Stradley Av to Garzoli Av) 1. mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Stradley Av (Peterson Rd to Whisler Rd) 4. mi.	$ 360	$ 360	$ -
Kern County - Class II Bike Ln	Taylor Av (Stradley Av to Garzoli Av) 1. mi.	$ 91	$ 91	$ -
Kern County - Class II Bike Ln	Whisler Rd (Stradley Av to Driver Rd) 3.1 mi.	$ 275	$ 275	$ -
	Sherwood Avenue from Stradley Avenue to S Garzoli Avenue - 1 miles - Class II	$ 30	$ 30	$ -
	Perkins Avenue from Stradley Avenue to S Garzoli Avenue - 1 miles - Class II	$ 30	$ 30	$ -
Shafter - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,194**	**$ 4,194**	**$ -**
Shafter - non-potential new funds	Cost-efficient, safe, clean transportion	$ 17,625	$ 17,625	$ -
Shafter - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 4,231**	**$ 4,231**	**$ -**
Shafter - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 8,259**	**$ 8,259**	**$ -**
Caltrans - Corridor Improvement	Lerdo Hwy (Shafter Av to Hwy 43) .4 mi.	$ 121	$ 121	$ -
Shafter - Crossing Improvements	E Munzer St (E Lerdo Hwy to Shafter Av) .2 mi.	$ 20	$ 20	$ -
Shafter - Crossing Improvements	James St (E Lerdo Hwy to Shafter Av) .4 mi.	$ 36	$ 36	$ -
Shafter - Crossing Improvements	Shafter Av (W Munzer St to Poso Av) .2 mi.	$ 18	$ 18	$ -
Shafter - High-Visibility Crosswalk	Central Av - Calloway St	$ 11	$ 11	$ -
Shafter - High-Visibility Crosswalk	Kern St - Central Av	$ 3	$ 3	$ -
Shafter - High-Visibility Crosswalk	N Shafter Av - BNSF Railroad	$ 11	$ 11	$ -
Shafter - Complete Streets/ITS Impro	Other Future developments funded by a transportation impact fee and mitigation	$ 8,039	$ 8,039	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Shafter - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 5,135**	**$ 5,135**	**$ -**
Caltrans - Complete Streets	Central Valley Hwy SR 43 (Mayer Ln to Beech Av) 2.5 mi.	$ 1,430	$ 1,430	$ -
Kern County - Class III Bike Route	Kimberlina Rd (Central Av to Shafter Av) 4.6 mi.	$ 41	$ 41	$ -
Shafter - Class II Bike Ln	Beech Av (SR 43 to 7th Std Rd) 4.8 mi.	$ 435	$ 435	$ -
Shafter - Class II Bike Ln	Fresno Av (Palm Av to Cherry Av) 6.1 mi.	$ 545	$ 545	$ -
Shafter - Class II Bike Ln	Poplar Av (Fresno Av to Riverside St) 2. mi.	$ 181	$ 181	$ -
Shafter - Class II Buffered Bike Ln	E Lerdo Hwy (Cherry Av to Mannel Av) 1.5 mi.	$ 275	$ 275	$ -
Shafter - Class II Buffered Bike Ln	E Tulare Av (Mannel Av to N Beech Av) .5 mi.	$ 90	$ 90	$ -
Shafter - Class II Buffered Bike Ln	Lerdo Hwy (Poplar Av to SR 43) 1.4 mi.	$ 258	$ 258	$ -
Shafter - Class II Buffered Bike Ln	Los Angeles Av (Mettler Av to Thompson St) .7 mi.	$ 134	$ 134	$ -
Shafter - Class II Buffered Bike Ln	Mannel Av (E Tulare Av to E Lerdo Hwy) .5 mi.	$ 90	$ 90	$ -
Shafter - Class II Buffered Bike Ln	Shafter Av (Redwood Dr to Lerdo Hwy) .7 mi.	$ 135	$ 135	$ -
Shafter - Class II Buffered Bike Ln	Shafter Av (Lerdo Hwy to Riverside St) 1. mi.	$ 180	$ 180	$ -
Shafter - Class III Bike Blvd	E Tulare Av (Shafter Av to Mannel Av) .5 mi.	$ 25	$ 25	$ -
Shafter - Class III Bike Blvd	James St (Shafter Av to E Lerdo Hwy) .4 mi.	$ 21	$ 21	$ -
Shafter - Class III Bike Blvd	Mark Av (Knight St to N Valley St) .4 mi.	$ 20	$ 20	$ -
Shafter - Class III Bike Blvd	N Beech Av (E Tulare Av to E Lerdo Hwy) .5 mi.	$ 25	$ 25	$ -
Shafter - Class III Bike Blvd	N Wall St (Richland Dr to W Tulare Av) .2 mi.	$ 8	$ 8	$ -
Shafter - Class III Bike Blvd	Poso Av (N Valley St to Shafter Av) .2 mi.	$ 12	$ 12	$ -
Shafter - Class III Bike Blvd	Schnaidt St (W Los Angeles St to Mark Av) .7 mi.	$ 37	$ 37	$ -
Shafter - Class III Bike Blvd	Valley St (Poso Av to Rodriguez Av) .7 mi.	$ 34	$ 34	$ -
Shafter - Class III Bike Route	Beech Av (Fresno Av to Tulare Av) .5 mi.	$ 5	$ 5	$ -
Shafter - Class III Bike Route	Burbank St (Drr Rd to Zachary Av) 1. mi.	$ 9	$ 9	$ -
Shafter - Class III Bike Route	Cherry Av (Fresno Av to Riverside St) 2. mi.	$ 18	$ 18	$ -
Shafter - Class III Bike Route	Drr Rd (Riverside St to Burbank St) 1. mi.	$ 9	$ 9	$ -
Shafter - Class III Bike Route	E Los Angeles Av (Thompson St to SR 43) .8 mi.	$ 7	$ 7	$ -
Shafter - Class III Bike Route	Mannel Av (Redwood Dr to E Tulare Av) .2 mi.	$ 2	$ 2	$ -
Shafter - Class III Bike Route	Redwood Dr (Shafter Av to Mannel Av) .5 mi.	$ 5	$ 5	$ -
Shafter - Class III Bike Route	Riverside St (SR 99 to Drr Rd) 5.1 mi.	$ 46	$ 46	$ -
Shafter - Class III Bike Route	Shafter Av (Kimberlina Rd to Redwood Dr) 3.3 mi.	$ 30	$ 30	$ -
Shafter - Class III Bike Route	Zachary Av (Burbank St to 7th Std Rd) 2. mi.	$ 18	$ 18	$ -
Shafter - Complete Streets	Kern Av (Sunset Av to State Av) .3 mi.	$ 170	$ 170	$ -
	Shafter Avenue from Sierra Avenue (Shafter) to Kimberlina Road - 3.3 miles - Class II	$ 98	$ 98	$ -
	Riverside Street from Central Valley Hwy to Driver Road - 2.6 miles - Class II	$ 78	$ 78	$ -
	Riverside Street from Poplar Avenue to Charry Avenue - 2.5 miles - Class II	$ 75	$ 75	$ -
	Poplar Avenue from Fresno Avenue to Riverside Street - 2 miles - Class II	$ 60	$ 60	$ -
	Palm Avenue from Kimberlina Road to Fresno Avenue - 3 miles - Class II	$ 90	$ 90	$ -
	Palm Avenue from Lupine Court to Kimberlina Road - 1.5 miles - Class II	$ 45	$ 45	$ -
	Magnolia Avenue from McCombs Road to Kimbelina Road - 4 miles - Class II	$ 121	$ 121	$ -
	Kimberlina Road from Magnolia Avenue to Shafter Avenue - 5.1 miles - Class II	$ 152	$ 152	$ -
	Fresno Avenue from Palm Avenue to Shafter Avenue - 4.1 miles - Class II	$ 122	$ 122	$ -
Shafter - Freight Rail	**Shafter Intermodal Rail Facility**	**$ 30,000**	**$ 30,000**	**$ -**
Wasco - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 6,151**	**$ 6,151**	**$ -**
Wasco - existing funds	Cost-efficient, safe, clean transportion	$ 25,828	$ 25,828	$ -
Wasco - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,183**	**$ 6,183**	**$ -**
Wasco - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 3,736**	**$ 3,736**	**$ -**
Caltrans - Sidewalk Improvement	Paso Robles Hwy (46) (Central Av to F St) 1.4 mi.	$ 261	$ 261	$ -
Wasco - Corridor Improvement	1st St (Peters St to E St) .9 mi.	$ 254	$ 254	$ -
Wasco - Corridor Improvement	7th St (Magnolia Av to Griffith Av) 1.5 mi.	$ 413	$ 413	$ -
Wasco - Corridor Improvement	F St (Filburn Av to Poso Dr) .5 mi.	$ 137	$ 137	$ -
Wasco - Corridor Improvement	Palm Av (Gromer Av to Filburn St) 2. mi.	$ 551	$ 551	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Wasco - Corridor Improvement	Poso Av (Central Av to G St) 1.5 mi.	$ 408	$ 408	$ -
Wasco - Crossing Improvements	7th St (Griffith Av to G St) .4 mi.	$ 38	$ 38	$ -
Wasco - Crossing Improvements	8th St (D St to G St) .2 mi.	$ 19	$ 19	$ -
Wasco - Sidewalk Improvement	F St, Hwy (43) (Paso Robles Hwy (46) to Poso Av) 1. mi.	$ 190	$ 190	$ -
Wasco - Complete Streets/ITS Improv	Other Future developments funded by a transportation impact fee and mitigation	$ 1,465	$ 1,465	$ -
Wasco - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 15,909**	**$ 15,909**	**$ -**
Caltrans - Class II Bike Ln	SR 46 (East City Limits to SR 43) .6 mi.	$ 52	$ 52	$ -
Caltrans - Class IV Cycle Track	SR 46 (Central Av to F St) 1.4 mi.	$ 411	$ 411	$ -
Wasco - Class I Shared Use Path	Filburn/Central Av Path (Palm Av to North Palm Av) 2.5 mi.	$ 2,237	$ 2,237	$ -
Wasco - Class I Shared Use Path	Filburn/McCombs Path (I-5 N to SR 43) 22.6 mi. (partial funding)	$ 7,210	$ 7,210	$ -
Wasco - Class I Shared Use Path	Wasco Av & SR 46 (Filburn Av to Palm Av) 2.5 mi.	$ 2,235	$ 2,235	$ -
Wasco - Class II Bike Ln	6th St (Broadway St to D St) .1 mi.	$ 9	$ 9	$ -
Wasco - Class II Bike Ln	Central Av (Flower St to Poso Av) .3 mi.	$ 25	$ 25	$ -
Wasco - Class II Bike Ln	Central Av (Filburn St to Jackson St) .5 mi.	$ 44	$ 44	$ -
Wasco - Class II Bike Ln	D St (Filburn St to 4th St) 1.3 mi.	$ 113	$ 113	$ -
Wasco - Class II Bike Ln	E St (6th St to SR 46) .4 mi.	$ 37	$ 37	$ -
Wasco - Class II Bike Ln	Filburn St (Central Av to G St) 1.4 mi.	$ 130	$ 130	$ -
Wasco - Class II Bike Ln	Jackson St (Central Av to Shared Use Path) 1.5 mi.	$ 133	$ 133	$ -
Wasco - Class II Buffered Bike Ln	4th St (F St to G St) .1 mi.	$ 13	$ 13	$ -
Wasco - Class II Buffered Bike Ln	6th St (D St to Wasco Av) .5 mi.	$ 83	$ 83	$ -
Wasco - Class II Buffered Bike Ln	7th St (Central Av to Griffith Av) 1. mi.	$ 180	$ 180	$ -
Wasco - Class II Buffered Bike Ln	Central Av (Paso Robles Hwy SR 46 to Posos Av) 1. mi.	$ 180	$ 180	$ -
Wasco - Class II Buffered Bike Ln	Palm Av (Gromer Av to Jackson St) 2.5 mi.	$ 451	$ 451	$ -
Wasco - Class II Buffered Bike Ln	Poplar Av (Filburn St to Sunset St) .8 mi.	$ 148	$ 148	$ -
Wasco - Class III Bike Blvd	16th St (Shamrock Court to G St) .5 mi.	$ 28	$ 28	$ -
Wasco - Class III Bike Blvd	1st St (Peters St to E St) .9 mi.	$ 46	$ 46	$ -
Wasco - Class III Bike Blvd	5th St (Woodside Dr to G St) 1.4 mi.	$ 71	$ 71	$ -
Wasco - Class III Bike Blvd	7th St (G St to Griffith Av) .5 mi.	$ 23	$ 23	$ -
Wasco - Class III Bike Blvd	9th Pl (Beckes St to D St) 1. mi.	$ 49	$ 49	$ -
Wasco - Class III Bike Blvd	9th St (G St to D St) .2 mi.	$ 11	$ 11	$ -
Wasco - Class III Bike Blvd	Beckes St (Camellia St to SR 46) 1.2 mi.	$ 61	$ 61	$ -
Wasco - Class III Bike Blvd	Krista St (Beckes St to Central Av) .3 mi.	$ 13	$ 13	$ -
Wasco - Class III Bike Blvd	Poplar Av (Sunset Av to SR 46) .7 mi.	$ 33	$ 33	$ -
Wasco - Class IV Cycle Track	SR 43 (Paso Robles Hwy SR 46 to Filburn St) 1.5 mi.	$ 448	$ 448	$ -
Wasco - Complete Streets	Griffith St (Gromer Av to Jackson St) 2.5 mi.	$ 1,438	$ 1,438	$ -
	Central Avenue from Filburn Avenue to Kimberlina Road - 1.5 miles - Class II - other (SHOPP	$ -	$ -	$ -
	Hwy 46 from Gun Club Road to Magnolia Ave - 8 miles - Caltrans Shoulder - other (SHOPP)	$ -	$ -	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,392**	**$ 4,392**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 20,560	$ 20,560	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,533**	**$ 6,533**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 9,038**	**$ 9,038**	**$ -**
Buttonwillow - High-Visibility Crossw	Buttonwillow Dr - W 1st St	$ 6	$ 6	$ -
Buttonwillow - Corridor Improvemen	Tracy Av (Willow Dr to Hwy 58) .4 mi.	$ 118	$ 118	$ -
Lost Hills - Bicycle and Ped Bridge	Lost Hills Rd (Lost Hill Park to Woodward Av) 1. mi.	$ 5,000	$ 5,000	$ -
Kern County - Complete Streets/ITS I	Other Future developments funded by a transportation impact fee and mitigation	$ 3,915	$ 3,915	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 4,989**	**$ 4,989**	**$ -**
Caltrans - Class I Shared Use Path	McKittrick Hwy SR 58 (Wasco Wy to Interstate 5) 3.7 mi.	$ 3,335	$ 3,335	$ -
Caltrans - Complete Streets	SR 58 (Buttonwillow Dr to Meadow St) .9 mi.	$ 518	$ 518	$ -
Buttonwillow - Class I Shared Use Pat	East Side Canal (Milo Av to McKittrick Hwy SR 58) .4 mi.	$ 332	$ 332	$ -
Buttonwillow - Class I Shared Use Pat	Irrigation Ditch (Buttonwillow Dr to Cotton Av) .6 mi.	$ 535	$ 535	$ -
Buttonwillow - Class II Bike Ln	Main St (McKittrick Hwy SR 58 to Irrigation Ditch) .2 mi.	$ 18	$ 18	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Buttonwillow - Class II Bike Ln	Tracy Av (Willow Dr to SR 58) .4 mi.	$ 39	$ 39	$ -
Buttonwillow - Class II Buffered Bike	1st St (Buttonwillow Dr to Miller Dr) .5 mi.	$ 89	$ 89	$ -
Buttonwillow - Class III Bike Blvd	Buttonwillow Dr (McKittrick Hwy SR 58 to 4th St) .5 mi.	$ 27	$ 27	$ -
Buttonwillow - Class III Bike Blvd	Cotton Av (Miller Rd to Meadow St) .3 mi.	$ 13	$ 13	$ -
Buttonwillow - Class III Bike Blvd	Meadow St (Milo Av to Cotton Av) .1 mi.	$ 3	$ 3	$ -
Buttonwillow - Class III Bike Route	Buttonwillow Dr (Irrigation Ditch to Sullivan Rd) .7 mi.	$ 6	$ 6	$ -
Buttonwillow - Class III Bike Route	Milo Av (Leslie St to Meadow St) .1 mi.	$ 1	$ 1	$ -
Buttonwillow - Class III Bike Route	Mirasol Av (2nd St to South Community Limits) .4 mi.	$ 3	$ 3	$ -
Buttonwillow - Class III Bike Route	Old Tracy Av (Sullivan Rd to SR 58) .7 mi.	$ 6	$ 6	$ -
Buttonwillow - Class III Bike Route	Sullivan Rd (Buttonwillow Dr to Old Tracy Av) 3.6 mi.	$ 32	$ 32	$ -
Buttonwillow - Class III Bike Route	Wasco Wy (7th Std Rd to SR 58) 3.4 mi.	$ 31	$ 31	$ -
Tupman	Tule Elk Reserve Path from Tupman Path to Tule Elk Reserve State Park - 1.3 miles - Other	$ -	$ -	$ -
	Sub-total Projects in Subarea	**$ 160,515**	**$ 160,515**	**$ -**

NORTH KERN SUBAREA	**Total Projects Benefiting Subarea**	**$ 3,453,168**	**$ 4,248,092**	**$ 1,169,015**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

SOUTHEAST KERN SUBAREA

Subarea includes: City of California City and the unincorporated communities (and surrounding county areas) of Rosamond, Mojave, Boron, North Edwards, Fremont Valley, Cantil, and Johannesburg/Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
California City - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trar**	**$ 24,894**	**$ 24,894**	**$ 11,700**
California City - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 63,603	$ 63,603	$ 29,893
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trar**	**$ 43,879**	**$ 43,879**	**$ 20,623**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 150,449	$ 150,449	$ 70,711
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 73,842	$ 73,842	$ 34,706
Fix-It-First, Keep-It-Local / Cost-Efficient	**Sub-total Projects in Subarea**	**$ 356,667**	**$ 356,667**	**$ 167,633**
Regional Projects				
Ready-To-Go, Regional Projects				
Passenger Rail - Rosamond	Metrolink extension - Lancaster to Rosamond - bus connector to Mojave/Cal City/Teh.	$ 151,500	$ 191,000	$ 39,500
Route 14	[2]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase1)	$ 42,000	$ 42,000	$ -
Route 14	[2]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase 2)	$ 40,166	$ 42,000	$ 1,834
Route 14	[2]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase 3)	$ 25,533	$ 32,000	$ 6,467
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 259,199**	**$ 307,000**	**$ 47,801**
Next-In-Line, Regional Projects				
Twenty Mule Team Rd	[1]California City Blvd to Rt 58 - widen to four lanes	$ 16,300	$ 21,566	$ 5,266
North Gate Road	[1]California City Blvd to North Edwards - construct new four lane road	$ 45,640	$ 60,385	$ 14,744
K Street	[1]Mojave - extend K St to Rt 14	$ 9,780	$ 12,940	$ 3,159
Rosamond Blvd	[1]Rosamond Blvd @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
California City Blvd	Rt 14 east six miles - widen to four lanes	$ 16,628	$ 22,000	$ 5,372
K Street	K St @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Teh. Willow Springs Rd	Rt 58 to Rosamond Blvd - widen to four lanes	$ 114,101	$ 150,961	$ 36,861
US 395	San Bdo County Line to Rt 14 - widen to four lanes	$ 184,422	$ 244,000	$ 59,578
Passenger Rail - Mojave, Cal City, Teh.	Metrolink Service Extension - Tehachapi Corridor (2012 Commuter Rail study)	$ 312,536	$ 393,773	$ 81,236
Route 58	[2]Dennison Rd - construct interchange	$ 24,942	$ 33,000	$ 8,058
Route 58	[2]East of Tehachapi to General Beale Rd - truck auxillary lanes / escape ramp	$ 65,001	$ 86,000	$ 20,999
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 893,656**	**$ 1,162,624**	**$ 268,968**
Advanced Tech, Safe, Clean Transportation				
California City - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 3,251**	**$ 3,251**	**$ -**
California City - existing funds	Cost-efficient, safe, clean transportion	$ 13,668	$ 13,668	$ -
California City - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 3,284**	**$ 3,284**	**$ -**
California City - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 4,807**	**$ 4,807**	**$ -**
Redwood Blvd / Neuralia Rd-California	Corridor Improvement - 2.9 mile - Pedestrian Improvement Corridor	$ 807	$ 807	$ -
N Loop Blvd / Hacienda Blvd-Lake	Corridor Improvement - 1.3 mile - Pedestrian Improvement Corridor	$ 351	$ 351	$ -
90th St / Fir Av--	High-Visibility Crosswalk - 1. mile - High-visibility crosswalk	$ 3	$ 3	$ -
Catalpa Av / 90th St--	High-Visibility Crosswalk - 4. mile - High-visibility crosswalk	$ 11	$ 11	$ -
Complete Streets/ITS Improvements	Other future developments funded by mitigation, fees, etc.	$ 3,636	$ 3,636	$ -
California City - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 5,577**	**$ 5,577**	**$ -**
California City Blvd / Hwy 14-Yerba Blvd	Class III Bike Route - 6.8 mile - Class III Bicycle Route	$ 61	$ 61	$ -
Mendiburu Path / California City Blvd-88	Class I Shared Use Path - 1.6 mile - Add new off-St class I shared use path	$ 1,445	$ 1,445	$ -
California City Blvd / Yerba Blvd-Californ	Complete Streets - 3.6 mile - Narrow traffic lanes and add buffered bike lane to existing bil	$ 2,047	$ 2,047	$ -
California City Blvd / Redwood Blvd-San	Class III Bike Route - .8 mile - Class III Bicycle Route	$ 8	$ 8	$ -
Hacienda Blvd / North Loop Blvd-Califor	Class II Bike Lane - .6 mile - Class II Bicycle Lane	$ 51	$ 51	$ -
Neuralia Rd / Redwood Blvd-Poppy Blvd	Class II Bike Lane - 1.5 mile - Add new class II bike lane	$ 135	$ 135	$ -
S Loop Blvd / California City Blvd-Hacien	Class II Bike Lane - 1.2 mile - Extend new class II bike lane	$ 108	$ 108	$ -
North City Path / 88th St-Hacienda Blvd	Class I Shared Use Path - .2 mile - Add new off-St class I shared use path	$ 199	$ 199	$ -
Proctor Blvd / Randsburg Mojave Rd-Col	Class II Bike Lane - .5 mile - Class II Bicycle Lane	$ 43	$ 43	$ -

SOUTHEAST KERN SUBAREA

Subarea includes: City of California City and the unincorporated communities (and surrounding county areas) of Rosamond, Mojave, Boron, North Edwards, Fremont Valley, Cantil, and Johannesburg/Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Redwood Blvd / California City Blvd-Haci	Class II Bike Lane - 1.4 mile - Maintain existing (covered in sand). Add bike lane on S side of	$ 122	$ 122	$ -
California City Blvd / S College Blvd-Proc	Class II Bike Lane - .7 mile - Fill gap in existing bikeWy	$ 64	$ 64	$ -
Hacienda Blvd / Mendiburu Rd-N Loop B	Class III Bike Route - .6 mile - Add new class III bike route	$ 5	$ 5	$ -
Hacienda Blvd / Redwood Blvd-Sequoia	Class II Bike Lane - 1. mile - Class II Bicycle Lane	$ 90	$ 90	$ -
Mendiburu Rd / Hacienda Blvd-Randsbu	Class III Bike Route - 2.1 mile - Add new class III bike route	$ 19	$ 19	$ -
Redwood Blvd / Airway Blvd-Neuralia Rd	Class II Bike Lane - .7 mile - Extend new class II bike lane	$ 67	$ 67	$ -
92nd St / Fir Av-S Loop Blvd	Class III Bike Boulevard - .2 mile - Add new class III bike Blvd	$ 11	$ 11	$ -
Conklin Blvd / Mendiburu Rd-North Loop	Class III Bike Boulevard - .6 mile - Class III Bicycle Blvd	$ 28	$ 28	$ -
Conklin Blvd, Heather Av / California City	Class II Bike Lane - .5 mile - Add class II bike lane to connect to central park lake	$ 43	$ 43	$ -
Neuralia Rd / Redwood Blvd-Sequoia Blv	Class II Bike Lane - 1. mile - Class II Bicycle Lane	$ 91	$ 91	$ -
Randsburg Mojave Rd / Mcintosh Wy-Hd	Class II Bike Lane - .7 mile - Extend new class II bike lane	$ 65	$ 65	$ -
Redwood Blvd / Proctor Blvd-California (	Class II Bike Lane - .7 mile - Class II Bicycle Lane	$ 64	$ 64	$ -
Yerba Blvd / Mendiburu Rd-California Ci	Class III Bike Route - 1. mile - Class III Bicycle Route	$ 9	$ 9	$ -
90th St / California City Blvd-Catalpa Av	Class II Bike Lane - .2 mile - Add new class II bike lane	$ 16	$ 16	$ -
Airway Blvd / Redwood Blvd-Sequoia Blv	Class II Bike Lane - 1. mile - Class II Bicycle Lane	$ 91	$ 91	$ -
Forest Blvd / Neuralia Rd-Desert Butte B	Class III Bike Route - 2.6 mile - Class III Bicycle Route	$ 23	$ 23	$ -
Mendiburu Rd / Baron Blvd-Rusche Blvd	Class III Bike Route - 2.5 mile - Class III Bicycle Route	$ 23	$ 23	$ -
Rusche Blvd / Mendiburu Rd-Bolden Dr	Class III Bike Route - .3 mile - Class III Bicycle Blvd	$ 2	$ 2	$ -
Catalpa Av / 92nd St-90th St	Class III Bike Boulevard - .2 mile - Add new class III bike Blvd	$ 12	$ 12	$ -
92nd St / Catalpa Av-Fir Av	Class III Bike Boulevard - .1 mile - Add new class III bike Blvd	$ 6	$ 6	$ -
Desert Butte Blvd / Forest Blvd-Sequoia	Class III Bike Route - .4 mile - Class III Bicycle Route	$ 4	$ 4	$ -
Division Rd / Midway Rd-Ironwood St	Class III Bike Route - 1. mile - Class III Bicycle Route	$ 9	$ 9	$ -
Fir Av / 92nd St-92nd St	Class III Bike Boulevard - .1 mile - Add new class III bike Blvd	$ 5	$ 5	$ -
Neuralia Rd / Mendiburu Rd-Poppy Blvd	Class III Bike Route - .5 mile - Class III Bicycle Route	$ 5	$ 5	$ -
Sequoia Blvd / Neuralia Rd-Desert Butte	Class III Bike Route - 2.5 mile - Class III Bicycle Route	$ 23	$ 23	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 7,568**	**$ 7,568**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 35,428	$ 35,428	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 11,257**	**$ 11,257**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 12,241**	**$ 12,241**	**$ -**
Mojave - active transportation	**Safe complete streets, pedestrian enhancements**			
O St / Cerro Gordo St-Park St	Corridor Improvement - .5 mile - Pedestrian Improvement Corridor	$ 129	$ 129	$ -
M St / Belshaw St-Shasta St	Corridor Improvement - .4 mile -	$ 100	$ 100	$ -
Douglas Av / Koch St-Mojave West Park	Corridor Improvement - .3 mile - Pedestrian Improvement Corridor	$ 82	$ 82	$ -
Q St / Belshaw St--	Fence Removing - 1. mile - Provide access	$ 1	$ 1	$ -
Gregory Dr / Pat Av--	High-Visibility Crosswalk - 4. mile -	$ 11	$ 11	$ -
Hwy 14 / Cypress-Silver Queen	Corridor Improvement - 5.4 mile - Pedestrian Improvement Corridor	$ 2,500	$ 2,500	$ -
Hwy 58 / Sierra Hwy-Nadene St	Corridor Improvement - .7 mile - Pedestrian Improvement Corridor	$ 180	$ 180	$ -
Hwy 58 / Kern County Fire Department--	High-Visibility Crosswalk - 4. mile -	$ 11	$ 11	$ -
Rosamond - active transportation	**Safe complete streets, pedestrian enhancements**			
20th St W / Marie Av-Rosamond Blvd	Sidewalk Improvement - 1. mile - Sidewalk Gap Closure	$ 190	$ 190	$ -
35th St W / Holiday Av-Felsite Av	Sidewalk Improvement - 1.5 mile - Sidewalk Gap Closure	$ 283	$ 283	$ -
Rosamond Blvd / Mojave Tropico Rd-10t	Sidewalk Improvement - 4.5 mile - Sidewalk Gap Closure	$ 860	$ 860	$ -
Mojave Tropico Rd / Rosamond Blvd-Col	Sidewalk Improvement - .3 mile - Sidewalk Gap Closure	$ 52	$ 52	$ -
Sierra Hwy / Hillcrest Av-Orange St	Sidewalk Improvement - 1. mile - Sidewalk Gap Closure	$ 195	$ 195	$ -
San Diego St / Burgundy Av-Wharton Av	Corridor Improvement - .5 mile - Pedestrian Improvement Corridor	$ 141	$ 141	$ -
Park Rd / Madre St-Santa Maria Dr	Sidewalk Improvement - .2 mile - Close sidewalk gaps	$ 38	$ 38	$ -
County Aeras Complete Streets/ITS Impro	Other future developments funded by mitigation, fees, etc.	$ 7,469	$ 7,469	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 11,929**	**$ 11,929**	**$ -**
Mojave - bike facilities				
Oak Creek Rd / Koch St-West City Limits	Class II Bike Lane - 3.1 mile - Class II Bicycle Lane	$ 282	$ 282	$ -
Sierra Hwy / Arroyo Av-Silver Queen Rd	Class I Shared Use Path - 5.3 mile - Class I Multi-Use Path (Previously Proposed)	$ 4,736	$ 4,736	$ -

SOUTHEAST KERN SUBAREA

Subarea includes: City of California City and the unincorporated communities (and surrounding county areas) of Rosamond, Mojave, Boron, North Edwards, Fremont Valley, Cantil, and Johannesburg/Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Holt St / Arroyo Av-Purdy Av	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 274	$ 274	$ -
K St / Oak Creek-Mojave Barstow Hwy	Class II Bike Lane - .8 mile - Class II Bicycle Lane (Previously Proposed)	$ 73	$ 73	$ -
Inyo St / Q St-Sierra Hwy	Class III Bike Boulevard - .5 mile - Class III Bike Blvd	$ 25	$ 25	$ -
Koch St / Arroyo Av-Purdy Av	Class II Bike Lane - 3.1 mile - Class II Bicycle Lane	$ 277	$ 277	$ -
O St / Park St-Cerro Gordo St	Class II Bike Lane - .5 mile - Class II Bicycle Lane (Previously Proposed)	$ 42	$ 42	$ -
Shasta St / Sierra Hwy-O St	Class III Bike Boulevard - .3 mile - Class III Bike Blvd	$ 16	$ 16	$ -
M St / Belshaw St-Park St	Class III Bike Boulevard - .5 mile - Class III Bike Blvd	$ 27	$ 27	$ -
Purdy Av / DPW Easement-East Commu	Class III Bike Route - 3.8 mile - Class III Bicycle Route	$ 34	$ 34	$ -
40th St / Arroyo Av-Purdy Av	Class II Bike Lane - 3.1 mile - Class II Bicycle Lane	$ 277	$ 277	$ -
Belshaw St / Q St-Mojave Barstow Hwy	Class III Bike Boulevard - .5 mile - Class III Bike Blvd	$ 27	$ 27	$ -
Douglas Av / Holt St-Koch St	Class II Bike Lane - .5 mile -	$ 45	$ 45	$ -
United St / Purdy Av-Silver Queen Rd	Class III Bike Route - 2. mile - Class III Bicycle Route	$ 18	$ 18	$ -
Arroyo Av / 40th St-Hwy 14	Class III Bike Route - 1.4 mile -	$ 13	$ 13	$ -
Camelot Blvd / Rutan Rd-Hwy 14	Class III Bike Route - 2. mile - Class III Bicycle Route	$ 18	$ 18	$ -
Silver Queen Rd / United St-Backus Rd	Class III Bike Route - 6.1 mile - Class III Bicycle Route	$ 55	$ 55	$ -
Rosamond - bike facilities				
Backus Rd / Lone Butte Rd-Mojave-Trop	Class III Bike Route - 3.6 mile - Class III Bicycle Route	$ 32	$ 32	$ -
Rosamond Blvd / 60th St W-county line	Class II Buffered Bike Lane - 5.6 mile - Class II Buffered Bicycle Lane	$ 999	$ 999	$ -
20th St W / Av A-Rosamond Blvd	Class II Buffered Bike Lane - 3. mile - Class II Buffered Bicycle Lane	$ 542	$ 542	$ -
Sierra Hwy / W Av A-Hook Rd	Class II Buffered Bike Lane - 3.6 mile - Class II Buffered Bicycle Lane	$ 656	$ 656	$ -
15th St W / Rosamond Blvd-Hook Av	Class II Bike Lane - .6 mile - Class II Bicycle Lane	$ 57	$ 57	$ -
35th St W / Felsite Av-Holiday Av	Class II Buffered Bike Lane - 1.5 mile - Class II Buffered Bicycle Lane	$ 267	$ 267	$ -
Glendower St / Rosamond Blvd-Hillcrest	Class III Bike Boulevard - .5 mile - Class III Bicycle Blvd	$ 25	$ 25	$ -
40th St / Rosamond Blvd-Holiday Av	Class II Buffered Bike Lane - 1.1 mile - Class II Buffered Bicycle Lane	$ 201	$ 201	$ -
Frontage Rd / Felsite Av-Rosamond Blvd	Class II Bike Lane - .6 mile - Class II Bicycle Lane	$ 55	$ 55	$ -
Rosamond Blvd / 90th St-60th St	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 271	$ 271	$ -
Sierra Hwy / Felsite Av-Backus Rd	Class III Bike Route - 5.6 mile - Class III Bicycle Route	$ 51	$ 51	$ -
25th St / Rosamond Blvd-Holiday Av	Class II Bike Lane - 1.1 mile - Class II Bicycle Lane	$ 99	$ 99	$ -
30th St W / Patti Rose Av-Felsite Av	Class II Buffered Bike Lane - 1.4 mile - Class II Buffered Bicycle Lane	$ 247	$ 247	$ -
Felsite Av / 35th St W-Frontage Rd	Class II Buffered Bike Lane - 1.2 mile - Class II Buffered Bicycle Lane	$ 222	$ 222	$ -
Hillcrest Av / HAvn St-Sierra Hwy	Class III Bike Boulevard - .4 mile - Class III Bicycle Blvd	$ 18	$ 18	$ -
Holiday Av / 40th St-35th St	Class III Bike Boulevard - .2 mile - Class III Bicycle Blvd	$ 12	$ 12	$ -
60th St / Rosamond Blvd-Av A	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 271	$ 271	$ -
Desert Cloud Av / 35th St-Howard St	Class III Bike Boulevard - .2 mile - Class III Bicycle Blvd	$ 13	$ 13	$ -
Mojave-Tropico Rd / Backus Rd-Rosamo	Class III Bike Route - 6.3 mile - Class III Bicycle Route	$ 57	$ 57	$ -
80th St / Rosamond Blvd-Av A	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 270	$ 270	$ -
90th St / Rosamond Blvd-Av A	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 270	$ 270	$ -
Av A / 90th St-Sierra Hwy	Class II Bike Lane - 7.6 mile - Class II Bicycle Lane	$ 688	$ 688	$ -
Hook Av / 15th St W-United St	Class II Bike Lane - .5 mile - Class II Bicycle Lane	$ 44	$ 44	$ -
Tehachapi-Willow Springs Rd / Favorito	Class II Bike Lane - 2.6 mile - Class II Bicycle Lane	$ 230	$ 230	$ -
Elder Av / 80th St-60th St	Class III Bike Route - 2. mile - Class III Bicycle Route	$ 18	$ 18	$ -
Holiday Av / 80th St-60th St	Class III Bike Route - 2. mile - Class III Bicycle Route	$ 18	$ 18	$ -
Marie Av / Hwy 14-Sierra Hwy	Class III Bike Boulevard - .4 mile - Class III Bicycle Blvd	$ 18	$ 18	$ -
Orange St / Granite St-Sierra Hwy	Class III Bike Boulevard - .3 mile - Class III Bicycle Blvd	$ 14	$ 14	$ -
Buss St / Janine Av-Summer Breeze Av	Class III Bike Boulevard - .1 mile - Class III Bicycle Blvd	$ 5	$ 5	$ -
Howard St / Summer Breeze Av-Desert	Class III Bike Boulevard - .1 mile - Class III Bicycle Blvd	$ 7	$ 7	$ -
Janine Av / Buss St-30th St	Class III Bike Boulevard - .2 mile - Class III Bicycle Blvd	$ 9	$ 9	$ -
Summer Breeze Av / Howard St-Buss St	Class III Bike Boulevard - .1 mile - Class III Bicycle Blvd	$ 4	$ 4	$ -
Advanced Tech, Safe, Clean Transportatio	**Sub-total Projects in Subarea**	**$ 59,915**	**$ 59,915**	**$ -**

SOUTHEAST KERN SUBAREA	**Total Projects Benefiting Subarea**	**$ 1,569,437**	**$ 1,886,206**	**$ 484,402**

SOUTHEAST KERN SUBAREA

Subarea includes: City of California City and the unincorporated communities (and surrounding county areas) of Rosamond, Mojave, Boron, North Edwards, Fremont Valley, Cantil, and Johannesburg/Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**

Notes:
A. Inflation savings assumes a 3% inflation rate per year
B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75
C. The projects in each phase or category are not necessarily listed by priority
D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP
1 Project was in the 2006 transportation measure expenditure plan
2 Project outside subarea that benefits the subarea
Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

TAFT-MARICOPA SUBAREA

Subarea includes: Cities of Taft and Maricopa and the unincorporated communities (county areas) of Ford City, South Taft, Taft Heights, Dustin Acres, Valley Acres, McKittrick, Tupman and Mettler		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Saving**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Taft - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 8,331**	**$ 8,331**	**$ 3,915**
Taft - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 23,422	$ 23,422	$ 11,008
Maricopa - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 1,136**	**$ 1,136**	$ 534
Maricopa - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 3,127	$ 3,127	$ 1,470
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 24,324**	**$ 24,324**	$ 11,432
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 83,398	$ 83,398	$ 39,197
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 52,607	$ 52,607	$ 24,725
Fix-It-First, Keep-It-Local / Cost-Efficie	**Sub-total Projects in Subarea**	**$ 196,345**	**$ 196,345**	**$ 92,282**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 119	Elk Hills - County Rd to Tupman Ave - widen to four lanes (Phase 2)	$ 36,280	$ 48,000	$ 11,720
Route 119	I-5 to Buena Vista - widen to four lanes	$ 27,916	$ 31,300	$ 3,384
Route 119	Cherry Ave to Elk Hills Rd (Phase 1, bypass) - widen to four lanes	$ 97,396	$ 115,000	$ 17,604
West Corridor	[2]Taft Hwy to Pacheco Rd - construct new facillity	$ 68,025	$ 90,000	$ 21,975
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 229,616**	**$ 284,300**	**$ 54,684**
Next-In-Line, Regional Projects				
Route 119	[1]Tupman Rd to I-5 - widen to four lanes	$ 45,350	$ 60,000	$ 14,650
Route 58	[2]Future Rt 58 from I-5 to Heath Rd at Stockdale Hwy - construct new freeway	$ 377,914	$ 500,000	$ 122,086
Route 119	Rt 33 to Cherry Ave - widen to four lanes	$ 40,815	$ 54,000	$ 13,185
Route 33	Welch St to Midway Rd - widen to four lanes	$ 66,513	$ 88,000	$ 21,487
Route 166	Basic School Rd - reconstruct intersection grade	$ 391	$ 518	$ 126
Interstate 5	From Fort Tejon to Rt 99 - widen to ten lanes	$ 65,001	$ 86,000	$ 20,999
South Corridor	[2]I-5 to Rt 58 - new expressway	$ 453,945	$ 610,000	$ 156,055
West Corridor-South	[2]Taft Hwy to I-5 - extend freeway	$ 75,583	$ 100,000	$ 24,417
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 1,125,511**	**$ 1,498,518**	**$ 373,006**
Advanced Tech, Safe, Clean Transportation				
Taft - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,185**	**$ 2,185**	**$ -**
Taft - non-potential new funds	Cost-efficient, safe, clean transportion	$ 9,574	$ 9,574	$ -
Taft - Transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 2,595**	**$ 2,595**	**$ -**
Taft - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 4,536**	**$ 4,536**	**$ -**
Caltrans - Corridor Improvement	Kern Av (Cascade Pl to Taft Hwy) 1.2 mi.	$ 337	$ 337	$ -
Taft - High-Visibility Crosswalk	E Main St - Highway 119	$ 11	$ 11	$ -
Taft - High-Visibility Crosswalk	Kern St - 6th St	$ 11	$ 11	$ -
Taft - Corridor Improvement	10th St (Ash St to Main St) .6 mi.	$ 176	$ 176	$ -
Taft - Corridor Improvement	6th St (Ash St to Main St) .8 mi.	$ 219	$ 219	$ -
Taft - Crossing Improvements	San Emidio St (N 10th St to 1st St) .8 mi.	$ 68	$ 68	$ -
Taft - Sidewalk Improvement	Ash St (10th Street to 4th St) .7 mi.	$ 136	$ 136	$ -
Taft - Sidewalk Improvement	Olive Av (Supply Row to South St) .5 mi.	$ 92	$ 92	$ -
Taft - Sidewalk Improvement	Wood St (S 10th St to SR 33) 1.1 mi.	$ 211	$ 211	$ -
Taft - Complete Streets/ITS Improve	Other future developments funded by mitigation, fees, etc.	$ 3,274	$ 3,274	$ -
Taft - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 2,444**	**$ 2,444**	**$ -**
Caltrans - Class II Bike Ln	SR 119 (Midway Rd to South City Limits) 6.6 mi.	$ 596	$ 596	$ -
Caltrans - Class II Bike Ln	SR 33 (Kern St to SR 119) .5 mi.	$ 41	$ 41	$ -
Caltrans - Class II Bike Ln	SR 33 (West City Limits to Cascade Pl) 1.2 mi.	$ 104	$ 104	$ -
Caltrans - Class II Buffered Bike Ln	Kern St SR 33 (Cascade Pl to 1st St) 1.2 mi.	$ 218	$ 218	$ -

TAFT-MARICOPA SUBAREA

Subarea includes: Cities of Taft and Maricopa and the unincorporated communities (county areas) of Ford City, South Taft, Taft Heights, Dustin Acres, Valley Acres, McKittrick, Tupman and Mettler		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Saving**
Caltrans - Class III Bike Route	SR 33 (Cadet Rd to California St) 2.3 mi.	$ 20	$ 20	$ -
Taft - Class II Bike Ln	10th St (Center St to F St) .7 mi.	$ 67	$ 67	$ -
Taft - Class II Bike Ln	A St (Terrace Dr to S 10th St) .9 mi.	$ 80	$ 80	$ -
Taft - Class II Bike Ln	Ash St (N 10th St to Airport Rd) 1.9 mi.	$ 168	$ 168	$ -
Taft - Class II Bike Ln	Wood St (S 10th St to SR 33) 1.1 mi.	$ 99	$ 99	$ -
Taft - Class II Buffered Bike Ln	1st St (West Side Hwy SR 33 to Calvin St) .3 mi.	$ 57	$ 57	$ -
Taft - Class II Buffered Bike Ln	2nd St (Calvin St to Williams Wy) .3 mi.	$ 47	$ 47	$ -
Taft - Class II Buffered Bike Ln	6th St (Oak St to Ash St) 1.1 mi.	$ 191	$ 191	$ -
Taft - Class II Buffered Bike Ln	Cedar St (Division Rd to Airport Rd) 2.1 mi.	$ 376	$ 376	$ -
Taft - Class III Bike Blvd	2nd St (Calvin St to Supply Row) .6 mi.	$ 28	$ 28	$ -
Taft - Class III Bike Blvd	Harding Av (A St to E St) .4 mi.	$ 19	$ 19	$ -
Taft - Class III Bike Blvd	Oak St (Lierly Av to S 10th St) .2 mi.	$ 8	$ 8	$ -
Taft - Class III Bike Blvd	Olive Av (Supply Rd to South St) .5 mi.	$ 24	$ 24	$ -
Taft - Class III Bike Blvd	Phillippine St (Quail St to S 10th St) 1. mi.	$ 50	$ 50	$ -
Taft - Class III Bike Route	Airport Rd (Ash St to SR 119) 1.1 mi.	$ 10	$ 10	$ -
Taft - Class III Bike Route	Cadet Rd (SR 33 to Duval Rd) 2. mi.	$ 18	$ 18	$ -
Taft - Class III Bike Route	Church St (F St to Ranier Av) .9 mi.	$ 8	$ 8	$ -
Taft - Class III Bike Route	Gardner Field Rd (SR 33 to East City Limits) 4.2 mi.	$ 38	$ 38	$ -
Taft - Class III Bike Route	Midoil Rd (Thomas St to Terrace Dr) .7 mi.	$ 6	$ 6	$ -
Taft - Class IV Cycle Track	10th St (Center St to Ash St) .6 mi.	$ 171	$ 171	$ -
Maricopa - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 265**	**$ 265**	**$ -**
Maricopa - existing funds	Cost-efficient, safe, clean transportion	$ 1,371	$ 1,371	$ -
Maricopa - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 265**	**$ 265**	**$ -**
Maricopa - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 488**	**$ 488**	**$ -**
Caltrans - Corridor Improvement	California St (Main St to Poso St) .4 mi.	$ 116	$ 116	$ -
Caltrans - Corridor Improvement	Klipstein St (Fiester St to Stanislaus St) .4 mi.	$ 115	$ 115	$ -
Caltrans - Sidewalk Improvement	Poso St (Stanislaus St to S Kern St) .2 mi.	$ 34	$ 34	$ -
Maricopa - Sidewalk Improvement	Stanislaus St (School St to Klipstein St) .2 mi.	$ 43	$ 43	$ -
Mcopa. - Complete Streets/ITS Impr	Other future developments funded by mitigation, fees, etc.	$ 181	$ 181	$ -
Maricopa - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 618**	**$ 618**	**$ -**
Caltrans - Class II Bike Ln	SR 33/166 (Clark St to South City Limits) 1. mi.	$ 92	$ 92	$ -
Caltrans - Class II Buffered Bike Ln	California St SR 33 (Poso St to Kern St) .5 mi.	$ 92	$ 92	$ -
Caltrans - Class II Buffered Bike Ln	Maricopa Hwy SR 166/33 (Fresno St to Scott Dr) 1.1 mi.	$ 197	$ 197	$ -
Maricopa - Class I Shared Use Path	Wagy St (Maricopa Hwy to Welch St) .1 mi.	$ 119	$ 119	$ -
Maricopa - Class II Bike Ln	Hazelton St (Main St to Poso St) .3 mi.	$ 28	$ 28	$ -
Maricopa - Class II Bike Ln	Main St (Hazelton St to California St) .1 mi.	$ 9	$ 9	$ -
Maricopa - Class III Bike Blvd	Chico St (California St to Welch St) .1 mi.	$ 4	$ 4	$ -
Maricopa - Class III Bike Blvd	Elkhorn St (SR 33 to Fresno St) .4 mi.	$ 22	$ 22	$ -
Maricopa - Class III Bike Blvd	Fresno St (Poso St to Elkhorn St) .2 mi.	$ 8	$ 8	$ -
Maricopa - Class III Bike Blvd	Green St (Hazelton St to California St) .1 mi.	$ 7	$ 7	$ -
Maricopa - Class III Bike Blvd	Hazelton St (SR 166 to South City Limits) .3 mi.	$ 14	$ 14	$ -
Maricopa - Class III Bike Blvd	Union St (Maricopa Hwy SR 33 to Ruth St) .4 mi.	$ 18	$ 18	$ -
Maricopa - Class III Bike Blvd	Welch St (Chico St to Wagy St) .1 mi.	$ 5	$ 5	$ -
Maricopa - Class III Bike Route	Stanislaus St (Klipstein St to School St) .2 mi.	$ 2	$ 2	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,881**	**$ 2,881**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 15,015	$ 15,015	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,074**	**$ 6,074**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 1,182**	**$ 1,182**	**$ -**
Kern County - Sidewalk Improvemen	Cedar St (Lincoln Street to SR 119) 1. mi.	$ 187	$ 187	$ -
Kern County - Sidewalk Improvemen	Date St (Division Rd to Monroe St) .7 mi.	$ 137	$ 137	$ -

TAFT-MARICOPA SUBAREA

Subarea includes: Cities of Taft and Maricopa and the unincorporated communities (county areas) of Ford City, South Taft, Taft Heights, Dustin Acres, Valley Acres, McKittrick, Tupman and Mettler		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Saving**
Kern County - Sidewalk Improvemen	Elm St (Lincoln Street to Harrison St) .5 mi.	$ 95	$ 95	$ -
Kern County - Sidewalk Improvemen	S 10th St (A Street to Buena Vista Place) .3 mi.	$ 61	$ 61	$ -
Kern - Complete Streets/ITS Improve	Other future developments funded by mitigation, fees, etc.	$ 704	$ 704	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 7,759**	**$ 7,759**	**$ -**
Kern County - Class I Bike Path	Taft Path from Lake Webb to Gardner Field Road - 10.6 miles - Other	$ 7,000	$ 7,000	$ -
Kern County - Class I Bike Path	Gardner Field Road from County to Aqueduct - 1.5 miles - Other	$ 500	$ 500	$ -
Kern County - Class II Bike Ln	Division Rd (Ash St to Ironwood St) .9 mi.	$ 79	$ 79	$ -
Kern County - Class II Bike Ln	Grevillea St (Division Rd to Harrison St) .5 mi.	$ 45	$ 45	$ -
Kern County - Class II Bike Ln	Harrison St (Ash St to Grevillia St) .7 mi.	$ 59	$ 59	$ -
Kern County - Class III Bike Blvd	Lierly Av (South St to Oak St) .4 mi.	$ 21	$ 21	$ -
Kern County - Class III Bike Blvd	Taylor St (Grevillea St to Ash St) .8 mi.	$ 39	$ 39	$ -
Kern County - Class III Bike Route	Lincoln St (Midway Rd to Ironwood St) 1.1 mi.	$ 10	$ 10	$ -
Kern County - Class III Bike Route	Midway Rd (Division Rd to Taft Hwy) .6 mi.	$ 6	$ 6	$ -
Advanced Tech, Safe, Clean Transport	**Sub-total Projects in Subarea**	**$ 31,292**	**$ 31,292**	**$ -**

Total Projects in Sub Area	$ 961,025	$ 1,178,454	$ 309,711

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

TEHACHAPI SUBAREA

Subarea includes: City of Tehachapi and the unincorporated communities (and surrounding county areas) of Golden Hills, Bear Valley Springs, Stallion Springs, Cummings Valley, Alpine Forest, Sand Canyon, Bright Valley, Keene, Cantil, Paris-Loraine and Twin Oaks		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Tehachapi - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control**	**$ 10,365**	**$ 10,365**	**$ 4,872**
Tehachapi - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control M	$ 30,393	$ 30,393	$ 14,285
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control**	**$ 31,883**	**$ 31,883**	**$ 14,985**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control M	$ 109,319	$ 109,319	$ 51,380
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 59,058	$ 59,058	$ 27,757
Fix-It-First, Keep-It-Local / Cost-Efficier	**Sub-total Projects in Subarea**	**$ 241,018**	**$ 241,018**	**$ 113,279**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 58	[2]Union Ave to Fairfax Rd - widen to eight lanes	$ 42,849	$ 47,400	$ 4,551
Route 58	[2]At various locations - ramp improvements (HOV - ramp metering)	$ 26,622	$ 32,600	$ 5,978
Rosamond, Tehachapi	Metrolink extension phase I - Lancaster to Rosamond - bus connector to Tehachapi	$ 151,500	$ 191,000	$ 39,500
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 220,971**	**$ 271,000**	**$ 50,029**
	Sub-total Projects in Subarea	**$ 151,500**	**$ 191,000**	**$ 39,500**
Next-In-Line, Regional Projects				
Route 58	[1]Dennison Rd - construct interchange	$ 24,942	$ 33,000	$ 8,058
Route 202	[1]Tucker to Woodford-Tehachapi Rd - widen to four lane	$ 7,335	$ 9,705	$ 2,370
Valley Blvd	[1]Tucker Rd to Curry St - widen to four lanes	$ 17,930	$ 23,723	$ 5,792
Rosamond, Mojave, Tehachapi, Cal City	Metrolink service extension phase 2 - Rosamond to Tehachapi & Cal City	$ 312,536	$ 393,773	$ 81,236
Route 58	East of Tehachapi to General Beale Rd - truck auxillary lanes / escape ramp	$ 65,001	$ 86,000	$ 20,999
Route 58	Near General Beale Rd - new truck weigh station	$ 8,314	$ 11,000	$ 2,686
Route 58	General Beale Rd - construct new interchange	$ 40,815	$ 54,000	$ 13,185
Red Apple Rd	Tucker Rd to Westwood Blvd - widen to four lanes	$ 3,260	$ 4,313	$ 1,053
Dennison Road	Green St/ Dennison Rd @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Teh. Willow Springs Rd	Rt 58 to Rosamond Blvd - widen to four lanes	$ 114,101	$ 150,961	$ 36,861
Route 58	[2]Future Rt 58 from I-5 to Heath Rd at Stockdale Hwy - construct new freeway	$ 377,914	$ 500,000	$ 122,086
South Corridor	[2]I-5 to Rt 58 - new expressway	$ 453,945	$ 610,000	$ 156,055
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 1,478,246**	**$ 1,945,475**	**$ 467,229**
Advanced Tech, Safe, Clean Transportation				
Tehachapi - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,839**	**$ 2,839**	**$ -**
Tehachapi - existing funds	Cost-efficient, safe, clean transportion	$ 11,912	$ 11,912	$ -
Tehachapi - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 2,845**	**$ 2,845**	**$ -**
Tehachapi - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 3,244**	**$ 3,244**	**$ -**
Tehachapi - Corridor Improvement	Curry St (E St to Pinon St) .9 mi.	$ 251	$ 251	$ -
Tehachapi - Corridor Improvement	D St (Mt View Av to Robinson St) .7 mi.	$ 198	$ 198	$ -
Tehachapi - Corridor Improvement	East E St (Mt View Av to Snyder Av) 1.2 mi.	$ 329	$ 329	$ -
Tehachapi - Corridor Improvement	Green St (J St to C St) .5 mi.	$ 137	$ 137	$ -
Tehachapi - Corridor Improvement	Hayes St (H St to Pepper Dr) .3 mi.	$ 87	$ 87	$ -
Tehachapi - Corridor Improvement	I St (Curry St to Hayes St) .5 mi.	$ 141	$ 141	$ -
Tehachapi - Corridor Improvement	Mt View Av (Tehachapi Blvd to Valley Blvd) .5 mi.	$ 143	$ 143	$ -
Tehachapi - Corridor Improvement	Robinson St (E St to D St) .1 mi.	$ 21	$ 21	$ -
Tehachapi - Corridor Improvement	Tehachapi Blvd (Tucker Rd to Pauley St) 1. mi.	$ 277	$ 277	$ -
Tehachapi - Corridor Improvement	Valley Blvd (Curry St to Dennison Rd) 1. mi.	$ 277	$ 277	$ -
Tehachapi - High-Visibility Crosswalk	Dennison Rd - Tehachapi Blvd	$ 11	$ 11	$ -
Tehachapi - High-Visibility Crosswalk	Park Rd - Elementary School Entrance	$ 3	$ 3	$ -
Tehachapi - High-Visibility Crosswalk	S Hayes St - E Tehachapi Blvd	$ 3	$ 3	$ -
Tehachapi - Sidewalk Improvement	Hwy 202 (Woodford-Tehachapi Rd to Tucker Rd) 1.5 mi.	$ 291	$ 291	$ -
Tehachapi - Complete Streets/ITS Imp	Other future developments funded by mitigation, fees, etc.	$ 1,076	$ 1,076	$ -
Tehachapi - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 5,822**	**$ 5,822**	**$ -**
Caltrans - Class II Bike Ln	Tucker Rd SR 202 (Enterprise Wy to Tehachapi Blvd) .7 mi.	$ 63	$ 63	$ -
Tehachapi - Class I Shared Use Path	Class I (Orchard Path to Highline Rd) .3 mi.	$ 283	$ 283	$ -

TEHACHAPI SUBAREA

Subarea includes: City of Tehachapi and the unincorporated communities (and surrounding county areas) of Golden Hills, Bear Valley Springs, Stallion Springs, Cummings Valley, Alpine Forest, Sand Canyon, Bright Valley, Keene, Cantil, Paris-Loraine and Twin Oaks		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Tehachapi - Class I Shared Use Path	East City Path (Tucker Rd to Mount View Av) .5 mi.	$ 461	$ 461	$ -
Tehachapi - Class I Shared Use Path	Pinon St (Brandon Ln to Dennison Rd) .5 mi.	$ 476	$ 476	$ -
Tehachapi - Class I Shared Use Path	Tehachapi Blvd (Steuber Rd to Snyder Av) 1.4 mi.	$ 1,260	$ 1,260	$ -
Tehachapi - Class I Shared Use Path	Valley Blvd (S Snyder Av to Steuber Rd) 1.4 mi.	$ 1,241	$ 1,241	$ -
Tehachapi - Class II Bike Ln	Anita Dr (S Snyder Av to Dennison Rd) .4 mi.	$ 33	$ 33	$ -
Tehachapi - Class II Bike Ln	Challenger Dr (Burnett Rd to Capital Hills Pkwy) 1.1 mi.	$ 103	$ 103	$ -
Tehachapi - Class II Bike Ln	Cherry Ln (Tucker Rd to Elm St) .7 mi.	$ 63	$ 63	$ -
Tehachapi - Class II Bike Ln	Classico Dr (Pinon St to Alder Av) .1 mi.	$ 5	$ 5	$ -
Tehachapi - Class II Bike Ln	Dennison Rd (SR 58 to Highline Rd) 2.1 mi.	$ 192	$ 192	$ -
Tehachapi - Class II Bike Ln	E C St (Pepper Dr to S Snyder Av) .2 mi.	$ 14	$ 14	$ -
Tehachapi - Class II Bike Ln	E I St (N Curry St to N Mojave St) .4 mi.	$ 33	$ 33	$ -
Tehachapi - Class II Bike Ln	E J St (N Curry St to N Hayes St) .4 mi.	$ 39	$ 39	$ -
Tehachapi - Class II Bike Ln	E Orchard Pkwy (Classico Dr to S Curry St) .1 mi.	$ 11	$ 11	$ -
Tehachapi - Class II Bike Ln	E St (Mulberry St to S Mojave St) .7 mi.	$ 65	$ 65	$ -
Tehachapi - Class II Bike Ln	Enterprise Wy (Mill St to Tucker Rd) 1.1 mi.	$ 95	$ 95	$ -
Tehachapi - Class II Bike Ln	H St (N Mill St to S Hayes St) .6 mi.	$ 58	$ 58	$ -
Tehachapi - Class II Bike Ln	Industrial Pkwy (N Mill St to N Curry St) .2 mi.	$ 18	$ 18	$ -
Tehachapi - Class II Bike Ln	Mojavee St (J St to E H St) .1 mi.	$ 14	$ 14	$ -
Tehachapi - Class II Bike Ln	Mount View Av (W D St to Maple St) .1 mi.	$ 11	$ 11	$ -
Tehachapi - Class II Bike Ln	N Curry St (E J St to W H St) .1 mi.	$ 13	$ 13	$ -
Tehachapi - Class II Bike Ln	N Curry St (Industrial Pkwy to W J St) .1 mi.	$ 9	$ 9	$ -
Tehachapi - Class II Bike Ln	N Mill St (Challenger Dr to W H St) .8 mi.	$ 69	$ 69	$ -
Tehachapi - Class II Bike Ln	Pepper Dr (S Mojave St to E C St) .1 mi.	$ 12	$ 12	$ -
Tehachapi - Class II Bike Ln	Pinon St (S Curry St to Brandon Ln) .5 mi.	$ 43	$ 43	$ -
Tehachapi - Class II Bike Ln	Pinon St (Classico Dr to Applewood Dr) .1 mi.	$ 5	$ 5	$ -
Tehachapi - Class II Bike Ln	S Hayes St (Pepper Dr to E H St) .3 mi.	$ 28	$ 28	$ -
Tehachapi - Class II Bike Ln	S Snyder Av (E Tehachapi Blvd to Valley Blvd) .5 mi.	$ 42	$ 42	$ -
Tehachapi - Class II Bike Ln	Steuber Rd (E Tehachapi Blvd to Highline Rd) 1.2 mi.	$ 111	$ 111	$ -
Tehachapi - Class II Bike Ln	Tehachapi Willow Springs Rd (E Teh Blvd to Highline Rd) 1.1 mi.	$ 96	$ 96	$ -
Tehachapi - Class II Buffered Bike Ln	E Tehachapi Blvd (Dennison Rd to Teh Willow Spr Rd) 1. mi.	$ 183	$ 183	$ -
Tehachapi - Class II Buffered Bike Ln	Tucker Rd (Tehachapi Blvd to Highline Rd) 1.5 mi.	$ 276	$ 276	$ -
Tehachapi - Class II Buffered Bike Ln	W Tehachapi Blvd (Mt View Av to S Snyder Av) 1.2 mi.	$ 220	$ 220	$ -
Tehachapi - Class II Buffered Bike Ln	W Valley Blvd (McIntosh St to Las Colinas St) .3 mi.	$ 50	$ 50	$ -
Tehachapi - Class III Bike Blvd	Brentwood Dr (Clearview St to Cherry Ln) .9 mi.	$ 43	$ 43	$ -
Tehachapi - Class III Bike Blvd	Clearview St (Valley Blvd to White Oak Dr) .3 mi.	$ 13	$ 13	$ -
Tehachapi - Class III Bike Blvd	Elm St (Maple St to Cherry Ln) .5 mi.	$ 24	$ 24	$ -
Tehachapi - Class III Bike Blvd	Maple St (Mt View Av to S Mill St) .3 mi.	$ 15	$ 15	$ -
Tehachapi - Class III Bike Blvd	S Mojave St (E Tehachapi Blvd to Pepper Dr) .3 mi.	$ 13	$ 13	$ -
Tehachapi - Class III Bike Blvd	White Oak Dr (S Curry St to Clearview St) .2 mi.	$ 11	$ 11	$ -
Tehachapi - Class III Bike Route	Applewood Dr (Elm St to Pinon St) .2 mi.	$ 2	$ 2	$ -
Tehachapi - Class III Bike Route	Elm St (Cherry Ln to Applewood Dr) .2 mi.	$ 1	$ 1	$ -
Tehachapi - Class III Bike Route	Pinon St (Applewood Dr to S Curry St) .2 mi.	$ 2	$ 2	$ -
Tehachapi - Class III Bike Route	S Green St (H St to C St) .3 mi.	$ 3	$ 3	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,911**	**$ 4,911**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 28,524	$ 28,524	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 9,064**	**$ 9,064**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 16,066**	**$ 16,066**	**$ -**
Kern County - Corridor Improvement	San Diego St (Burgundy Av to Wharton Av) .5 mi.	$ 141	$ 141	$ -
Kern County - Sidewalk Improvement	Park Rd (Madre St to Santa Maria Dr) .2 mi.	$ 38	$ 38	$ -
Kern County - Complete Streets/ITS I	Other future developments funded by mitigation, fees, etc.	$ 15,888	$ 15,888	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 3,394**	**$ 3,394**	**$ -**
Caltrans - Class II Bike Ln	W Valley Blvd SR 202 (Wford-Teh Rd to McIntosh St) 1.4 mi.	$ 126	$ 126	$ -
Caltrans - Class II Bike Ln	SR 202 (Cummnigs Valley Rd to Highline Rd) 3.4 mi.	$ 307	$ 307	$ -
Kern County - Class I Shared Use Path	Golden Hills Blvd (Highline Rd to W Valley Blvd) 1.1 mi.	$ 946	$ 946	$ -
Kern County - Class I Shared Use Path	Woodford-Tehachapi Rd (Highline Rd to W Valley Blvd) 1. mi.	$ 923	$ 923	$ -

TEHACHAPI SUBAREA

Subarea includes: City of Tehachapi and the unincorporated communities (and surrounding county areas) of Golden Hills, Bear Valley Springs, Stallion Springs, Cummings Valley, Alpine Forest, Sand Canyon, Bright Valley, Keene, Cantil, Paris-Loraine and Twin Oaks		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Kern County - Class II Bike Ln	Banducci Rd (W Valley Blvd to Highline Rd) .2 mi.	$ 19	$ 19	$ -
Kern County - Class II Bike Ln	Cummings Valley Rd (SR 202 to Banducci Rd) 4.4 mi.	$ 398	$ 398	$ -
Bear Valley	Bear Valley Road from Cumberland Road to Hwy 202 - 6.8 miles - Other	$ 71	$ 71	$ -
Golden Hills	Woodford Tehachapi Road from Valley Blvd to Highline Road - 1 miles - Class II	$ 31	$ 31	$ -
Golden Hills	Valley Blvd from Tucker Road to Woodford Tehachapi Road - 1.5 miles - Class II	$ 46	$ 46	$ -
Golden Hills	SR 202 from Bear Valley Road to Woodford Tehachapi Road - 5.7 miles - Class II (see SHOPP funding)			
Golden Hills	Pellisier Road from Banducci Road to Giraudo Road - 2 miles - Class II	$ 60	$ 60	$ -
Golden Hills	Old Town Road from Mariposa Road to Tehachapi Road - 0.7 miles - Class II	$ 21	$ 21	$ -
Golden Hills	Highline Road from Tucker Road to Banducci Road - 3.1 miles - Class II	$ 92	$ 92	$ -
Golden Hills	Golden Hills Blvd. from Santa Barbara Drive to Highline Road - 1.1 miles - Class II	$ 33	$ 33	$ -
Golden Hills	Giraudo Road from Pellisier Road to Bailey Road - 0.5 miles - Class II	$ 15	$ 15	$ -
Golden Hills	Cummings Valley Road from Bailey Road to Bear Valley Road - 1 miles - Class II	$ 31	$ 31	$ -
Golden Hills	Cummings Valley Road from Bailey Road to SR 202 - 0.4 miles - Class II	$ 12	$ 12	$ -
Golden Hills	Bear Valley Road from SR 202 to Proposed Road - 1.5 miles - Class II	$ 44	$ 44	$ -
Golden Hills	Banducci Road from SR 202 to Highline Road - 0.2 miles - Class II	$ 6	$ 6	$ -
Golden Hills	Banducci Road from Comanche Point Road to Pellisier Road - 2.5 miles - Class II	$ 76	$ 76	$ -
Golden Hills	Bailey Road from Giraudo Road to Cummings Valley Road - 1.5 miles - Class II	$ 45	$ 45	$ -
Golden Hills	Stallion Springs Road/Comanche Point Road from Banducci Road to Banducci Road - 3.1 miles - Other	$ 92	$ 92	$ -
Advanced Tech, Safe, Clean Transporta	**Sub-total Projects in Subarea**	**$ 48,185**	**$ 48,185**	**$ -**

TEHACHAPI SUBAREA	**Total Projects Benefiting Subarea**	**$ 1,988,421**	**$ 2,505,678**	**$ 630,536**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

TABLE 5.1 - Constrained Capital Improvement Program

2025 through 2049 - Transit & Other

Project	Location	Scope	YOE Cost
Vanpool	Countywide	Vanpools - build and maintain fleet of 500 Vans by 2040	48,000,000
Park and Ride	Various	Park and Ride Lots (1,500 spaces)	6,000,000
Bus Service	**Metro Bkd**	**Full size alternative fuel buses**	**232,500,000**
		Full size alternative fuel buses - 120 replacement buses	
		Full size alternative fuel buses - Fixed Rtes - 130 new buses	
		Full size alternative fuel buses - Bus Rapid Transit) - 24 new buses	
		Full size alternative fuel buses - Express Service) - 36 new buses	
Bus Service	**Countywide**	**Full, midsize and mini-van size alternative fuel buses**	**34,700,000**
		Full size alternative fuel buses - Express Service - 10 new buses	
		Midsize alternative fuel buses - 120 replacement buses	
		Midsize alternative fuel buses - 120 new buses	
		Mini van / buses) - 45 replacement buses	
Bus Service	Metro Bkd	2 Transit Maintenance Stations	60,000,000
Bus Service	Metro Bkfd	3 transfer stations	15,000,000
ITS	Countywide	ITS related improvements / upgrades	3,000,000
Aviation	Countywide	Capital, Maintenance and Operational Improvements	48,000,000
Passenger Rail	Rosamond	Metrolink extension - Palmdale/Lancaster to Rosamond	112,000,000
Passenger Rail	Bakersfield	Amtrak Station - Phase II	13,000,000
Passenger Rail	Bakersfield	High Speed Rail Station - Bakersfield	50,000,000
Passenger Rail	Region	High Speed Rail Alignment and Facilities Fresno to Bakersfield	1,000,000,000
Passenger Rail	Shafter/Wasco	High Speed Rail Heavy Maintenance Facility	450,000,000
		Sub-total	**$2,072,200,000**

2025 through 2049 - Hwy Operational Improvements

Project	Location	Scope	YOE Cost
HOV Lanes	**Bakersfield**	**Various State Rtes - HOV lanes**	**149,000,000**
		Westside Parkway - Heath Rd and Stockdale Hwy to SR 58 at Fairfax	
		State Rte 178 - Existing west freeway terminus to Oswell Street	
HOV Ramps	**Bakersfield**	**Install HOV Ramps and metering improvements at various locations**	**148,000,000**
		SR 99 Interchange at Snow Rd - HOV Ramp Metering	
		SR 99 Interchange at Olive Drive - HOV Ramp Metering	
		SR 99 Interchange at Rosedale Hwy - HOV Ramp Metering **COMPLETE**	
		SR 99 Interchange at California Ave - HOV Ramp Metering	
		SR 99 Interchange at Ming Ave- HOV Ramp Metering	
		SR 99 Interchange at White Lane- HOV Ramp Metering	

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Hwy Operational Improvements (Continued)

Project	Location	Scope	YOE Cost
		SR 99 Interchange at Panama Lane- HOV Ramp Metering	
		SR 99 Interchange at SR 119 - HOV Ramp Metering	
		SR 58 Interchange at Oak Street - HOV Ramp Metering	
		SR 58 Interchange at H-Chester Ave - HOV Ramp Metering **COMPLETE**	
		SR 58 Interchange at Union Av - HOV Ramp Metering **COMPLETE**	
		SR 58 Interchange at Cottonwood Rd - HOV Ramp Metering	
		SR 58 Interchange at Mount Vernon - HOV Ramp Metering	
		SR 58 Interchange at Oswell Street - HOV Ramp Metering	
		SR 58 Interchange at Fairfax Rd - HOV Ramp Metering	
		SR 58 Interchange at Weedpatch Hwy - HOV Ramp Metering	
		SR 178 Interchange at SR 204 - HOV Ramp Metering	
		SR 178 Interchange at Beale Avenue - HOV Ramp Metering	
		SR 178 Interchange at Haley Street - HOV Ramp Metering	
		SR 178 Interchange at Mount Vernon Street - NOV Ramp Metering	
		SR 178 Interchange at Oswell Street - HOV Ramp Metering	
		SR 178 Interchange at Fairfax Rd - HOV Ramp Metering	
		SR 178 Interchange at Morning Drive - HOV Ramp Metering	
		West Beltway Interchange at 7th Standard Rd - HOV Ramp Metering	
		West Beltway Interchange at Olive Drive - HOV Ramp Metering	
		West Beltway Interchange at Rosedale Hwy - HOV Ramp Metering	
		West Beltway Interchange at Stockdale Hwy - HOV Ramp Metering	
		West Beltway Interchange at Ming Avenue - HOV Ramp Metering	
		West Beltway Interchange at White Lane - HOV Ramp Metering	
		West Beltway Interchange at SR 119 - HOV Ramp Metering	
		Sub-total	**$297,000,000**

*the Passenger Rail Program is partially funded through the High Speed Rail Authority and is provided as information. The funding summary includes a portion of $5 billion of the constrained revenue estimates for work expected between Fresno County and Kern County. The constrained amount of $1.5 Billion is for work in the Kern region. The remaining $13 billion is unconstrained for work in the Kern Region and is reflected in Table 5.2. $26 Billion is the current cost estimate.

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized

Project	Location	Scope	YOE Cost	Completed
Various locations	**Countywide**	**Construct Class I, II or Class III Bike Path; striping; signage**	**$85,500,000**	
Arvin - complete streets	Incorporated	Campus Dr (Grapevine Dr to Varsity Rd) .5 mi.		2023
Arvin - class I shared use path	Incorporated	North City Path (Bear Mtn Bl to Varsity Av) .5 mi.		
Arvin - class II bike ln	Incorporated	A St (Olson Wy to 5th Av) 1.1 mi.		
Arvin - class II bike ln	Incorporated	Haven Dr (Comanche Dr to Tejon Hwy) 1. mi.		
Arvin - class II bike ln	Incorporated	Mark St (Comanche Dr to Walnut Dr) .2 mi.		
Arvin - class II bike ln	Incorporated	Meyer St (Hwy 223 to Sycamore Rd) 1. mi.		
Arvin - class II bike ln	Incorporated	N Comanche St (Bear Mountain Rd to Varsity Av) .5 mi.		
Arvin - class II bike ln	Incorporated	Olsen St (A St to Meyer St) .5 mi.		
Arvin - class II bike ln	Incorporated	SR 223 (Malovich Rd to Tejon Hwy) .5 mi.		
Arvin - class II bike ln	Incorporated	Sycamore Rd (Towerline Rd to Tejon Hwy) 1. mi.		
Arvin - class II bike ln	Incorporated	Tejon Hwy (Hwy 223 to Burkett Bl) 2.5 mi.		
Arvin - class II bike ln	Incorporated	Varsity Av (Campus Dr to Tejon Hwy) 1. mi.		
Arvin - class II bike ln	Incorporated	Walnut Dr (W Sycamore Rd to Alderete Dr) 1.2 mi.		
Arvin - class II bike ln	County Area	E Bear Mountain Bl/223 (S Comanche Dr to Weedpatch Hwy) 4.1 mi.		
Arvin - class II bike ln	Incorporated	Comanche Dr (Mark St to Sycamore Rd) 1. mi.		2023
Arvin - class II bike ln	Incorporated	E Bear Mtn Bl SR 223 (Comanche to Union) 12.6 mi		2023
Arvin - class II bike ln	Incorporated	Sycamore Rd (Comanche Dr to Tejon Hwy) 1. mi.		2023
Arvin - class II bike ln	Incorporated	Sycamore Rd (Comanche to Rancho Dr) .5 mi.		2023
Arvin - class II bike ln	Incorporated	Varsity Av (N Comanche Dr to Campus Dr) 1. mi.		2023
Arvin - class II buffrd. b/l	Incorporated	Franklin St (Walnut Dr to S Derby St) .8 mi.		2023
Arvin - class III bike rte	Incorporated	5th Av (N Hill St to N A St) .1 mi.		
Arvin - class III bike rte	Incorporated	Campus Dr (Sunset Bl to Richardson/Varsity Rd) .5 mi.		
Arvin - class III bike rte	Incorporated	Grapevine Dr (Campus Dr to N Hill St) .1 mi.		
Arvin - class III bike rte	Incorporated	Meyer St (El Camino Real to Sycamore Rd) .5 mi.		
Arvin - class III bike rte	Incorporated	N Hill St (Grapevine Dr to 5th Av) .1 mi.		
Arvin - class IV cycle trk	Incorporated	Bear Mtn Bl SR 223 (Tejon Hwy to Comanche Dr) 1 mi		
Lamont - class II	County area	Main St/184 (Panama Rd to Di Giorgio Rd) 1 Mile		
Lamont - class II	County area	Weedpatch Hwy/Main St/184 (Di Giorgio Rd to E Bear Mountain Bl) 3 mi.		
Lamont - class II bike ln	County area	Hall Rd (SR 184 to Habecker Rd) .5 mi.		
Bakersfield - C-trans shldr	County Area	Rosedale Hwy (Enos Ln to Heath Rd) 4 mi.		
Bakersfield - C-trans shldr	County Area	Rosedale Hwy (Heath Rd to Mohawk St) 6.9 mi.		2023
Bakersfield - class I	Incorporated	Arvin-Edison Canal Path (Cottonwood Rd to Fairfax Rd) 3.77 mi.		
Bakersfield - class I	Incorporated	Arvin-Edison Canal Path (Stockdale Hwy to Cottonwood Rd) 9.54 mi.		
Bakersfield - class I	Incorporated	Bakersfield Commons Conn. (Coffee Rd to Friant-Kern Canal) 0.44 mi.		
Bakersfield - class I	Incorporated	Buena Vista Canal Path (Ming Av to Taft Hwy) 8.29 mi.		
Bakersfield - class I	Incorporated	Claymore Extension (Eissler St to Piper Wy) 0.11 mi.		
Bakersfield - class I	Incorporated	Columbus Path (Kern River Parkway to Columbus St) 0.37 mi.		
Bakersfield - class I	Incorporated	Emerald Cove Park Path (Vaquero Av to Hageman Rd) 0.23 mi.		
Bakersfield - class I	Incorporated	Friant-Kern Canal (Seventh Standard Rd to Kern River) - 6.1 mi.		
Bakersfield - class I	Incorporated	H St Canal Path (Railroad Bridge to Hwy 99) 7.79 mi.		
Bakersfield - class I	Incorporated	North Rosedale Park Path (Campfire Dr to Jewetta Av) 0.18 mi.		
Bakersfield - class I	Incorporated	Overcrossing (Willow Dr to Rio Mirada) 0.17 mi.		
Bakersfield - class I	Incorporated	Panorama Class I Connecti (Kern River Parkway to Panorama Dr) 0.06 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class I	Incorporated	Park Path (Mountain Oak Rd to Broad Oak Av) 0.19 mi.		
Bakersfield - class I	Incorporated	Rail ROW Path (7th Standard Rd to E. Norris Rd) 2.23 mi.		
Bakersfield - class I	Incorporated	San Dimas Path (36th St to Jeffrey St) 0.43 mi.		
Bakersfield - class I	Incorporated	Truxtun Shared Path link (Coffee Rd to Quailridge Rd) 0.15 mi.		
Bakersfield - class I	County Area	Arvin-Edison Canal (Central Branch Canal to Mount Vernon Av) - 1.3 mi.		
Bakersfield - class I	County Area	Arvin-Edison Canal (S Oswell St to Marion Av) - 1.5 mi.		
Bakersfield - class I	County Area	Beardsley Canal (Fruitvale Av to Manor St) 4 mi.		
Bakersfield - class I	County Area	Buena Vista Rec Area Loop (Lake Buena Vista to Lake Buena Vista) 7.7 mi.		
Bakersfield - class I	County Area	Calloway Canal (Coffee Rd to Hwy 99) 3.8 mi.		
Bakersfield - class I	County Area	Central Branch Canal (E Pacheco Rd to Buckley Av) 0.8 mi.		
Bakersfield - class I	County Area	Central Branch Canal (E Panama Ln to Berkshire Rd) 0.5 mi.		
Bakersfield - class I	County Area	Central Branch Canal (Ming Av to Union Av) 1.3 mi.		
Bakersfield - class I	County Area	East Branch Canal (Belle Terrace to Casa Loma Dr) 0.7 mi.		
Bakersfield - class I	County Area	East Side Canal (E Brundage Ln to Panama Rd) 7.9 mi.		
Bakersfield - class I	County Area	East Side Canal (Kentucky St to Fairfax Rd) 2.7 mi.		
Bakersfield - class I	County Area	Lake Evans Loop (Lake Evans to Lake Evans) 2.7 mi.		
Bakersfield - class I	County Area	New Bike Path (Knudsen Dr to SR 99) 0.7 mi.		
Bakersfield - class I	County Area	New Bike Path (Arrow St to May St) 0.6 mi.		
Bakersfield - class I	County Area	New Bike Path (Beardsley Av to Kern River Parkway) 0.5 mi.		
Bakersfield - class I	County Area	Stine Canal (Stockdale Hwy to Belle Terrace) 0.5 mi.		
Bakersfield - class I	County Area	Tupman Path (Enos Ln to Moose St) 5.6 mi.		
Bakersfield - class I	Incorporated	178 Overcrossing (Height St to Mirador Dr) 0.1 mi.		2023
Bakersfield - class I	Incorporated	21st St (Westwind Dr to Kern River Bike Path) 0.06 mi.		2023
Bakersfield - class I	Incorporated	Almondale Pk Shared Path (Meadow Creek St to Verdugo Ln) 0.14 mi.		2023
Bakersfield - class I	Incorporated	Calloway Shared Path (Balvanera Dr to Noriega Rd) 0.28 mi.		2023
Bakersfield - class I	Incorporated	Coffee Rd Path Widening (Truxtun Av to Kern River Parkway) 0.06 mi.		2023
Bakersfield - class I	Incorporated	McInnes - Westwold Path (McInnes Boulevard to Westwold Dr) 0.08 mi.		2023
Bakersfield - class I	Incorporated	NE Bakersfield Path (Paladino Dr to Morning Dr Path) 2.7 mi.		2023
Bakersfield - class I	Incorporated	Polo Park Shared Path (Old Farm Rd to Grazing Av) 0.37 mi.		2023
Bakersfield - class I	County Area	Enos Ln Path (Panama Ln to Buena Vista Rec Area Loop) 4.5 mi.		2023
Bakersfield - class I	County Area	Lake Ming Loop (Kern River Parkway to Campground Rd) 2.6 mi.		2023
Bakersfield - class II	Incorporated	A St/Hughes Ln (California Av to Terrace Wy) 1.26 mi.		
Bakersfield - class II	Incorporated	Allen Rd (Ming Av to White Ln) 1.52 mi.		
Bakersfield - class II	Incorporated	Allen Rd (Pensinger Rd to Hwy 119) 2.75 mi.		
Bakersfield - class II	Incorporated	Allen Rd (Snow Rd to Hageman Rd) 1.89 mi.		
Bakersfield - class II	Incorporated	Auburn St (Morning Dr to Fairfax Rd) 0.92 mi.		
Bakersfield - class II	Incorporated	Baker St (Bernard St to California Av) 1.57 mi.		
Bakersfield - class II	Incorporated	Beale Av (Grace St to 21st St) 1 mile		
Bakersfield - class II	Incorporated	Belle Terrace (Stine Rd to Madison St) 3.04 mi.		
Bakersfield - class II	Incorporated	Bernard St (Chester Av to Mt. Vernon Av) 2.95 mi.		
Bakersfield - class II	Incorporated	Brimhall Rd (Renfro Rd to Allen Rd) 1.01 mi.		
Bakersfield - class II	Incorporated	Buena Vista Rd (Panama Ln to Hwy 119) 2 mi.		
Bakersfield - class II	Incorporated	E. Pacheco Rd (Gasoline Alley to Monitor St) 1.33 mi.		
Bakersfield - class II	Incorporated	Gosford Rd (Harris Rd to McCutcheon Av) 1.5 mi.		
Bakersfield - class II	Incorporated	Hosking Av (Wible Rd to Gosford Rd) 2.99 mi.		
Bakersfield - class II	Incorporated	Hosking Av (Wible Rd to MLK Bl/Cottonwood Rd) 3.03 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class II	Incorporated	Kentucky St (Alta Vista Dr to Mt. Vernon Av) 1.81 mi.		
Bakersfield - class II	Incorporated	Kern Canyon Rd (Masterson St to Morning Dr) 2.66 mi.		
Bakersfield - class II	Incorporated	Knudsen Dr (Olive Dr to Hageman Rd) 0.47 mi.		
Bakersfield - class II	Incorporated	M St (30th St to 17th St) 0.85 mi.		
Bakersfield - class II	Incorporated	Madison St (Belle Terrace to White Ln) 1 mile		
Bakersfield - class II	Incorporated	Masterson St (Hwy 178 to Alfred Harrell Hwy) 1.43 mi.		
Bakersfield - class II	Incorporated	McKee Rd (Ashe Rd to SH 99) 2.76 mi.		
Bakersfield - class II	Incorporated	Ming Av (Oak St to Union Av) 2.03 mi.		
Bakersfield - class II	Incorporated	Mountain Ridge Rd (Panama Ln to Taft Hwy) 2 mi.		
Bakersfield - class II	Incorporated	Mt. Vernon Av (Panorama Dr to Flower St) 2.19 mi.		
Bakersfield - class II	Incorporated	Niles St (Alta Vista Dr to Virginia St) 1.28 mi.		
Bakersfield - class II	Incorporated	Old Farm Rd (Snow Rd to Hageman Rd) 2 mi.		
Bakersfield - class II	Incorporated	Old River Rd (Harris Rd to Taft Hwy) 2.5 mi.		
Bakersfield - class II	Incorporated	Oswell St (Columbus St to City Limits) 0.66 mi.		
Bakersfield - class II	Incorporated	P St (Brundage Ln to Belle Terrace) 0.5 mi.		
Bakersfield - class II	Incorporated	Panama Ln (Dennen St to Colony St) 0.33 mi.		
Bakersfield - class II	Incorporated	Panama Ln (Mountain Vista Rd to Gosford Rd) 1.5 mi.		
Bakersfield - class II	Incorporated	Potomac Av (S. King St to Monticello Av) 0.82 mi.		
Bakersfield - class II	Incorporated	Q St (Columbus St to Hwy 178) 1.12 mi.		
Bakersfield - class II	Incorporated	Reina Rd (Renfro Rd to Verdugo Ln) 2.04 mi.		
Bakersfield - class II	Incorporated	Sillect Av (Buck Owens Boulevard to Kern River Parkway) 1.33 mi.		
Bakersfield - class II	Incorporated	Verdugo Ln (Seventh Standard Rd to Snow Rd) 1 mile		
Bakersfield - class II	Incorporated	White Ln (Union Av to MLK Bl/Cottonwood Rd) 0.99 mi.		
Bakersfield - class II	County Area	Airport Dr (China Grade Loop to Roberts Ln) 1.3 mi.		
Bakersfield - class II	County Area	Airport Dr (Merle Haggard Bl to W China Grade Loop) 1 mi.		
Bakersfield - class II	County Area	Brae Burn Dr (Country Club Dr to College Av) 0.6 mi.		
Bakersfield - class II	County Area	Brimhall Rd (Enos Ln to Superior Rd) 1 mi.		
Bakersfield - class II	County Area	Brimhall Rd (Wegis Av to Rudd Av) 1 mi.		
Bakersfield - class II	County Area	Buena Vista Bl (S Union Av to S Comanche Dr) 9.1 mi.		
Bakersfield - class II	County Area	Decatur St (Airport Dr to Sequoia Dr) 0.3 mi.		
Bakersfield - class II	County Area	E Norris Rd (Roberts Ln to N Chester Av) 2.1 mi.		
Bakersfield - class II	County Area	E Panama Ln (MLK Bl/Cottonwood Rd to S Comanche Dr) 8.1 mi.		
Bakersfield - class II	County Area	Edison Hwy (Washington St to Fairfax Av) 3 mi.		
Bakersfield - class II	County Area	Enos Ln/43 (Rosedale Hwy to Panama Ln) 6 mi.		
Bakersfield - class II	County Area	Fairfax Rd (E Brundage Ln to Redman Rd) 3 mi.		
Bakersfield - class II	County Area	Flower St (Owens St to Mt Vernon Av) 1 mi.		
Bakersfield - class II	County Area	Gilmore Av (Mohawk St to Standard St) 1 mi.		
Bakersfield - class II	County Area	Hageman Rd (Wegis Av to Nord Rd) 0.5 mi.		
Bakersfield - class II	County Area	Knudsen Dr (Norris Rd to Hageman Rd) 0.9 mi.		
Bakersfield - class II	County Area	Kratzmeyer Rd (Santa Fe Wy to Enos Ln) 4.5 mi.		
Bakersfield - class II	County Area	Landco Dr (Calloway Canal to Rosedale Hwy) 0.7 mi.		
Bakersfield - class II	County Area	Merle Haggard Dr (Airport Dr/S Granite Rd to N Chester Av) 1 mi.		
Bakersfield - class II	County Area	Muller Rd (S Owell St to Weedpatch Hwy) 2 mi.		
Bakersfield - class II	County Area	Muller Rd (Weedpatch Hwy to S Comanche Dr) 4 mi.		
Bakersfield - class II	County Area	Niles St (Virginia St to Morning Dr) 3.5 mi.		
Bakersfield - class II	County Area	Norris Rd (Snow Rd to Roberts Ln) 0.7 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class II	County Area	Old Farm Rd (Good Pl to Rosedale Hwy) 0.5 mi.		
Bakersfield - class II	County Area	Palm Av (Heath Rd to Renfro Rd) 1 mi.		
Bakersfield - class II	County Area	Palm Av (Country Breeze & Slikker Dr) (Old Farm Rd to Country Breeze Pl) 1.7 mi.		
Bakersfield - class II	County Area	Panama Rd (Buena Vista Rd to S Oswell St) 9.1 mi.		
Bakersfield - class II	County Area	Panama Rd (Weedpatch Hwy to S Comanche Dr) 4 mi.		
Bakersfield - class II	County Area	Pegasus Rd (Merle Haggard Dr to Norris Rd) 1.8 mi.		
Bakersfield - class II	County Area	Pioneer Dr (Oswell Steet to Morning Dr) 2 mi.		
Bakersfield - class II	County Area	River Bl (Panorama Dr to Bernard St) 1.3 mi.		
Bakersfield - class II	County Area	Roberts Ln (Norris Rd to Washington Av) 0.5 mi.		
Bakersfield - class II	County Area	Roberts Ln (Washington Av to Stanford Dr) 0.7 mi.		
Bakersfield - class II	County Area	Rudd Av (Palm Av to Brimhall Rd) 0.5 mi.		
Bakersfield - class II	County Area	S H St (Taft Hwy to Shafter Rd) 3.2 mi.		
Bakersfield - class II	County Area	Standard St (Rio Mirador Dr to Gilmore Av) 1.1 mi.		
Bakersfield - class II	County Area	Taft Hwy (Heath Rd Extension to Buena Vista Rd) 3 mi.		
Bakersfield - class II	County Area	Union Av (Panama Rd to Bear Mountain Bl) 4 mi.		
Bakersfield - class II	Incorporated	21st St (King St to Washington St) 0.89 mi.		2021
Bakersfield - class II	Incorporated	21st St (Oak St to Westwind Dr) 0.13 mi.		2023
Bakersfield - class II	Incorporated	Akers Rd (Wilson Rd to McKee) 3.99 mi.		2021
Bakersfield - class II	Incorporated	Ashe Rd (Panama Ln to Taft Hwy) 2 mi.		2023
Bakersfield - class II	Incorporated	Calloway Dr (Snow Rd to Norris Rd) 0.5 mi.		2023
Bakersfield - class II	Incorporated	Clay Patrick Farr Wy (Hageman Rd to Granite Falls Dr) 0.83 mi.		2021
Bakersfield - class II	Incorporated	Gosford Rd (McCutcheon to Taft Hwy) 1 mile		2023
Bakersfield - class II	Incorporated	Haley St (Panorama Dr to Columbus St) 0.87 mi.		2021
Bakersfield - class II	Incorporated	Half Moon Dr (Ashe Rd to Ashe Rd) 1.15 mi.		2021
Bakersfield - class II	Incorporated	Harris Rd (Ashe Rd to Wible Rd) 0.5 mi.		2021
Bakersfield - class II	Incorporated	Harris Rd (S. Allen Rd to Ashe Rd) 4.08 mi.		2023
Bakersfield - class II	Incorporated	Hosking Av (Wible Rd to S H St) 3.03 mi.)		2023
Bakersfield - class II	Incorporated	Hughes Ln (Ming Av to E. Pacheco Rd) 1.5 mi.		2021
Bakersfield - class II	Incorporated	Mohawk St (Hageman Rd to Rosedale Hwy) 1.26 mi.		2023
Bakersfield - class II	Incorporated	Morning Dr (Auburn St to Willis Av) 1.38 mi.		2023
Bakersfield - class II	Incorporated	Morning Dr (Paladino Dr to Morningstar Av) 0.8 mi.		2023
Bakersfield - class II	Incorporated	Noriega Rd (Renfro Rd to Calloway Dr) 2.01 mi.		2021
Bakersfield - class II	Incorporated	Olive Dr (Santa Fe Wy to Allen Rd) 1.52 mi.		2023
Bakersfield - class II	Incorporated	Paladino Dr (Rivani Dr to Grand Canyon Dr) 1.87 mi.		2023
Bakersfield - class II	Incorporated	Panama Ln (H St to MLK Bl/Cottonwood Rd) 2.03 mi.		2023
Bakersfield - class II	Incorporated	Panama Ln (Interstate 5 to Gosford Rd) 2.02 mi.		2023
Bakersfield - class II	Incorporated	Patton Wy (Weldon Av to Hageman Rd) 0.28 mi.		2023
Bakersfield - class II	Incorporated	Riverlakes Dr (Olive Dr to Coffee Rd) 1.57 mi.		2021
Bakersfield - class II	Incorporated	Snow Rd (Allen Rd to Verdugo Ln) 1.5 mi.		2021
Bakersfield - class II	Incorporated	Stine Rd (Panama Ln to Taft Hwy) 2 mi.		2023
Bakersfield - class II	Incorporated	University Av (Haley St to Panorama Dr) 2.18 mi.		2023
Bakersfield - class II	Incorporated	Verdugo Ln (Olive Dr to Hagaman Rd) 1.22 mi.		2021
Bakersfield - class II	Incorporated	Wenatchee Av (Panorama Dr to Columbus St) 1.02 mi.		2023
Bakersfield - class II	Incorporated	Wible Rd (Planz Rd to Taft Hwy) 4 mi.		2023
Bakersfield - class II	County Area	Comanche Dr (E Panama Ln to Varsity Av) 5.5 mi.		2023
Bakersfield - class II	County Area	Day Av (N Chester Av to Manor St) 0.5 mi.		2023

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class II	County Area	Edison Hwy (Fairfax Av to S Comanche Dr) 4.8 mi.		2023
Bakersfield - class II	County Area	Enos Ln/43 (Beech Av to Rosedale Hwy) 5.3 mi.		2023
Bakersfield - class II	County Area	Fairfax Rd (Redman Rd to Panama Rd) 3 mi.		2023
Bakersfield - class II	County Area	McCray St (Merle Haggard Dr to China Grade Loop) 1 mi.		2023
Bakersfield - class II	County Area	MLK Bl/Cottonwood Rd (E Panama Ln to Panama Rd) 2 mi.		2023
Bakersfield - class II	County Area	Nord Av (Kratzmeyer Rd to Stockdale Hwy) 4.5 mi.		2023
Bakersfield - class II	County Area	Old Farm Rd (Palm Av to Brimhall Rd) 0.5 mi.		2023
Bakersfield - class II	County Area	Old River Rd (Taft Hwy to Shafter Rd) 3 mi.		2023
Bakersfield - class II	County Area	Panama Rd (S Oswell St to Weedpatch Hwy) 3.0 mi.		2023
Bakersfield - class II	County Area	Patton Wy (Snow Rd to Hageman Rd) 1.8 mi.		2023
Bakersfield - class II	County Area	Weedpatch Hwy (SR 58 East Hwy to Panama Rd) 6 mi.		2021
Bakersfield - class II	Incorporated	Santa Fe Wy (7th Standard Rd to Hageman Rd) 4.14 mi.		2023
Bakersfield - class II	County Area	Beech Av/43 (E Los Angeles to Enos Ln) 2.3 mi.		2023
Bakersfield - class III	Incorporated	17th St (A St to Union Av) 1.26 mi.		
Bakersfield - class III	Incorporated	18th St (19th St Rte (21st St to 17th St) 1.01 mi.		
Bakersfield - class III	Incorporated	22nd St (Elm St to F St) 0.72 mi.		
Bakersfield - class III	Incorporated	36th St (Chester Av to San Dimas Path) 0.59 mi.		
Bakersfield - class III	Incorporated	4th St (Union Av to City Limits) 1.25 mi.		
Bakersfield - class III	Incorporated	Allegheny Ct (Old Walker Pass Rd to Rivers Edge Park) 0.44 mi.		
Bakersfield - class III	Incorporated	Appletree Hahn Rte (Wilson Rd to Wible Rd)		
Bakersfield - class III	Incorporated	Bank St 2nd St Ro (Oak St to S. P St) 1.59 mi.		
Bakersfield - class III	Incorporated	Berkshire Rd (Colony St to Madison St) 1.81 mi.		
Bakersfield - class III	Incorporated	Berkshire Rd (Stine Rd to Santana Sun Dr) 1.5 mi.		
Bakersfield - class III	Incorporated	Broad Oak Oak Grove Rt (Park Path to Westwold Dr) 0.2 mi.		
Bakersfield - class III	Incorporated	Brundage Ln (Union Av to Oswell St) 5.08 mi.		
Bakersfield - class III	Incorporated	Camino Grande (Alfred Harrell to NE Bakersfield Path) 1.29 mi.		
Bakersfield - class III	Incorporated	Campus Park (Buena Vista Rd to Old River Rd) 1.06 mi.		
Bakersfield - class III	Incorporated	Chamber Boulevard (S. Allen Rd to Grand Lakes Av) 1.45 mi.		
Bakersfield - class III	Incorporated	China Grade Loop (City Limit to Panorama Dr) 0.11 mi.		
Bakersfield - class III	Incorporated	Chinon Limoges Rte (McInnes Boulevard to Haggin Oaks Boulevard) 0.37 mi.		
Bakersfield - class III	Incorporated	Chippewa Yorkshire (Jewetta Av to Verdugo Ln) 0.88 mi.		
Bakersfield - class III	Incorporated	Christmas Tree Ln (Mt Vernon Av to Panorama Dr) 1.65 mi.		
Bakersfield - class III	Incorporated	Comanche Dr (City Limit to Hwy 178) 0.16 mi.		
Bakersfield - class III	Incorporated	Cottonwood Rd (Casa Loma Dr to E. Panama Ln) 3 mi.		
Bakersfield - class III	Incorporated	Coventry Benton Rte (Ming Av to Oak St)		
Bakersfield - class III	Incorporated	E. Pacheco Rd (Hughes Ln to Cottonwood Rd) 2.52 mi.		
Bakersfield - class III	Incorporated	Edison Rd (Hwy 178 to End of St) 1.15 mi.		
Bakersfield - class III	Incorporated	El Capitan Bike Rte (Noriega Rd to Polo Park Path) 0.44 mi.		
Bakersfield - class III	Incorporated	Fairview Rd (Hughes Ln to Cottonwood Rd) 2.53 mi.		
Bakersfield - class III	Incorporated	Flower St (Alta Vista Dr to Owens St) 0.64 mi.		
Bakersfield - class III	Incorporated	Garnsey Av (Garnsey Ln to Stockdale Hwy) 0.57 mi.		
Bakersfield - class III	Incorporated	Grand Lakes Av (Rossilyn Ln to Brandy Rose St) 1.83 mi.		
Bakersfield - class III	Incorporated	Greenwich Balvanera (Verdugo Ln to Calloway Rd) 0.55 mi.		
Bakersfield - class III	Incorporated	Half Moon Dr (Ashe Rd to Ashe Rd) 0.96 mi.		
Bakersfield - class III	Incorporated	Harris RdGasoline Alley (Wible Rd to Pacheco Rd) 0.7 mi.		
Bakersfield - class III	Incorporated	Hawaii Wailea (Allen Rd to Noriega Rd) 0.38 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class III	Incorporated	Height St (River Boulevard to 178 Overcrossing) 0.75 mi.		
Bakersfield - class III	Incorporated	Highway 178 (City Limits to Masterson St) 6.6 mi.		
Bakersfield - class III	Incorporated	Hughes Ln (E Pacheco Rd to Fairview Rd) 1 mile		
Bakersfield - class III	Incorporated	Iron Creek Goose Creek CT (Allen Rd to Coffee Rd) 3.66 mi.		
Bakersfield - class III	Incorporated	Jewetta Av (Columbus St to Bernard St) 0.52 mi.		
Bakersfield - class III	Incorporated	Jewetta Av (Palm Av to Brimhall Rd) 0.5 mi.		
Bakersfield - class III	Incorporated	Jewette Av (Bernard St to 30th St) 0.27 mi.		
Bakersfield - class III	Incorporated	Kahala Constitution Rou (Hawaii Ln to Jewetta Av)		
Bakersfield - class III	Incorporated	La France Dr (Castro Ln to El Toro Dr) 1.03 mi.		
Bakersfield - class III	Incorporated	Laurel Park Wrangler (Bay Meadows Ln to Calloway Dr)		
Bakersfield - class III	Incorporated	Madison St (Brundage Ln to Belle Terrace) 0.49 mi.		
Bakersfield - class III	Incorporated	Marella Class III (Garnsey Av to Montclair St) 0.55 mi.		
Bakersfield - class III	Incorporated	Marella Wy (California Av to Montclair St) 1 mile		
Bakersfield - class III	Incorporated	Maywood Charger Rte (Oswell St to Piper Wy)		
Bakersfield - class III	Incorporated	Merrimac Av (Raider Dr to Monitor St) 0.06 mi.		
Bakersfield - class III	Incorporated	Mezzadro/Alderbrk/Lavina (Allen Rd to Allen Rd) 3.63 mi.		
Bakersfield - class III	Incorporated	Monitor St (Merrimac Av to White Ln) 0.25 mi.		
Bakersfield - class III	Incorporated	Mountain Oak McInnes Rt (Park Path to McInnes)		
Bakersfield - class III	Incorporated	Mountain Park Dr (Kern River Parkway to River Run Bl) 0.18 mi.		
Bakersfield - class III	Incorporated	Mountain Vista Dr (Grand Lakes Av to Berkshire Rd) 2.73 mi.		
Bakersfield - class III	Incorporated	Noble Av Rte (River Boulevard to Columbus St) 2.3 mi.		
Bakersfield - class III	Incorporated	Old Walker Pass Rd (Comanche Dr to Rancheria Rd) 1.46 mi.		
Bakersfield - class III	Incorporated	Olympia Dr (S. Laurel Glen Boulevard to Half Moon Bay Dr) 0.49 mi.		
Bakersfield - class III	Incorporated	Pacific St (Union Av to Alta Vista Dr) 0.36 mi.		
Bakersfield - class III	Incorporated	Palm St (Real Rd to P St) 1.79 mi.		
Bakersfield - class III	Incorporated	Park/Blanch/11th/10th Rte (Oak St to Union Av) 1.08 mi.		
Bakersfield - class III	Incorporated	Pin Oak Boulevard (Bear Creek Rd to District Boulevard) 1.14 mi.		
Bakersfield - class III	Incorporated	Polo Dr (Dapple Av to Meadow Creek St) 0.26 mi.		
Bakersfield - class III	Incorporated	Quailwood Quailridge (Truxtun Av to Stockdale Hwy)		
Bakersfield - class III	Incorporated	Raider Dr (Planz Rd to Merrimac Av) 0.25 mi.		
Bakersfield - class III	Incorporated	Real Rd (Garnsey Ln to Palm St) 0.08 mi.		
Bakersfield - class III	Incorporated	Ridge Oak Dr (Rose Petal St to Mountain Oak Rd) 0.42 mi.		
Bakersfield - class III	Incorporated	Ridge Rd (Camino Real to Mt. Vernon Av) 0.16 mi.		
Bakersfield - class III	Incorporated	River Run Boulevard (Ming Av to Buena Vista Rd) 0.93 mi.		
Bakersfield - class III	Incorporated	Rose Petal St (Brandy Rose St to Ridge Oak Dr) 0.2 mi.		
Bakersfield - class III	Incorporated	Rudd Av (Seventh Standard Rd to Santa Fe Wy) 1.5 mi.		
Bakersfield - class III	Incorporated	S, King St (California Av to Brundage Ln) 1 mile		
Bakersfield - class III	Incorporated	S. H St (Panama Ln to Taft Hwy) 2 mi.		
Bakersfield - class III	Incorporated	Sage Dr (Half Moon Bay Dr to Wilson Rd) 0.2 mi.		
Bakersfield - class III	Incorporated	School House Rd (Ming Av to Ashe Rd) 1.33 mi.		
Bakersfield - class III	Incorporated	Spring Creek Loop (Wilderness Dr to Reliance Dr) 1.03 mi.		
Bakersfield - class III	Incorporated	Stellar Av (Old Farm Rd to Campfire Dr) 0.34 mi.		
Bakersfield - class III	Incorporated	Sundale Av (La Puente Dr to New Stine Rd) 0.91 mi.		
Bakersfield - class III	Incorporated	Toluca Dr Rte (Renfro Rd to Allen Rd) 1.48 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class III	Incorporated	University Av (Haley St to River Boulevard) 0.58 mi.		
Bakersfield - class III	Incorporated	University/Skyline/Poplar Av (Haley St to Alta Vista Dr) 0.68 mi.		
Bakersfield - class III	Incorporated	W. Jeffrey St (Overcrossing to River Boulevard) 1.1 mi.		
Bakersfield - class III	Incorporated	Watts Dr (Cottonwood Rd to Madison St) 0.5 mi.		
Bakersfield - class III	Incorporated	Westholme Boulevard (Ming Av to Wilson Rd) 0.4 mi.		
Bakersfield - class III	Incorporated	White Ln (Dovewood St to Hughes Ln) 1.22 mi.		
Bakersfield - class III	Incorporated	Wilderness Dr (Harris Rd to Reliance Dr) 0.54 mi.		
Bakersfield - class III	Incorporated	Yarnell Bike Rte (Paul Av to Calloway Dr) 0.31 mi.		
Bakersfield - class III	Incorporated	Ridge Rd (Camino Real to Mt. Vernon Av) 0.16 mi.		
Bakersfield - class III	County Area	N Chester Av (Existing Bike Rte to Merle Haggard Dr) 0.3 mi.		
Bakersfield - class III	County Area	Olive Dr (Victor St to SR 99) 0.3 mi.		
Bakersfield - class III	Incorporated	Alfred Harrell Hwy (City Limit to Panorama Dr) 0.1 mi.		2021
Bakersfield - class III	Incorporated	Alfred Harrell Hwy (Morning Dr Bike Path to Hwy 178) 3.32 mi.		2021
Bakersfield - class III	Incorporated	Baker St (California Av to S. King St) 0.35 mi.		2023
Bakersfield - class III	Incorporated	Ewoldsen Class III Rte (Oak Grove St to N. Half Moon Dr) 1.43 mi.		2023
Bakersfield - class III	Incorporated	Haggin Oaks Bl (Camino Media to Limoges Wy) 0.74 mi.		2021
Bakersfield - class III	Incorporated	Harris Rd (Ashe Rd to Akers Rd) 1.51 mi.		2021
Bakersfield - class III	Incorporated	Laurelglen Boulevard (Pin Oak Park Boulevard to Gosford Rd) 0.48 mi.		2021
Bakersfield - green streets/traffic calming	County Area	Center St (Oswell Steet to Pesante Rd) 0.8 mi.		
Bakersfield - green streets/traffic calming	County Area	Center St/Rosewood Avnue (Shalimar Dr to Monica St) 1.8 mi.		
Bakersfield - green streets/traffic calming	County Area	Country Club Dr Horace Mann Av		
Bakersfield - green streets/traffic calming	County Area	Decatur St (Sequoia Dr to Chester Av) 0.8 mi.		
Bakersfield - green streets/traffic calming	County Area	Height St (River Bl to Haley St) 0.5 mi.		
Bakersfield - green streets/traffic calming	County Area	Jeffrey St (Loma Linda Dr to River Bl) 0.7 mi.		
Bakersfield - green streets/traffic calming	County Area	Jeffrey St (Union Av to River Bl) 0.2 mi.		
Bakersfield - green streets/traffic calming	County Area	Pesante Rd (Culde		
Bakersfield - green streets/traffic calming	County Area	Shalimar Dr (Niles St to Pioneer Dr) 0.5 mi.		
Bakersfield - green streets/traffic calming	County Area	Valencia Dr (College Av to Pioneer Dr) 1 mi.		
Bakersfield - green streets/traffic calming	County Area	Wilson Av Castaic Av (Roberts Ln to N Chester Av)		
Bakersfield - green streets/traffic calming	County Area	Woodrow Av (Roberts Ln to N Chester Av) 1.8 mi.		
Bakersfield - bikeway Stdy	Incorporated	Various Feasibility Studies for Other Bike and Pedestrian Related Improvements		
Bakersfield - bikeway Stdy	County area	Truxtun Av (Oak St to Washington St) 3.5 mi.		
Bakersfield - class I shared use path	County area	Bike/Ped Bridge SR 99 (Wood Ln to Wood Ln) .1 mi.		
Bakersfield - class I shared use path	County area	Norris Rd (Snow Rd to Manor St) 3.3 mi.		
Bakersfield - class II	County area	Hart Park Kiddyland Dr (River Crossing to Alfred Harrel Hwy) 0.3 mi.		
Bakersfield - class II bike ln	County area	Beardsley Av (McCray St to Chester Av) .5 mi.		
Bakersfield - class II bike ln	County area	Braeburn Dr (Country Club Dr to College Av) .6 mi.		
Bakersfield - class II bike ln	County area	Brimhall Rd (Enos Ln to Rudd Av) 4.5 mi.		
Bakersfield - class II bike ln	County area	Brundage Ln (Madison St to Edison Hwy) 1.9 mi.		
Bakersfield - class II bike ln	County area	Calloway Dr (Rosedale Hwy to Brimhall Rd) 1. mi.		
Bakersfield - class II bike ln	County area	China Grade Loop (Carrere St to Manor St) .4 mi.		
Bakersfield - class II bike ln	County area	Douglas St (McCray St to Chester Av) .5 mi.		
Bakersfield - class II bike ln	County area	Edison Rd (Breckenridge Rd to Edison Hwy) .8 mi.		
Bakersfield - class II bike ln	County area	Hageman Rd (Jenkins Rd to Nord Av) 2.5 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class II bike ln	County area	Heath Rd (Hageman Rd to Stockdale Hwy) 3. mi.		
Bakersfield - class II bike ln	County area	Hermosa Rd (Fairfax Rd to Comanche Dr) 5. mi.		
Bakersfield - class II bike ln	County area	Houghton Rd (Old River Rd to Union Av) 6. mi.		
Bakersfield - class II bike ln	County area	Meacham Rd (Nord Av to Allen Rd) 3. mi.		
Bakersfield - class II bike ln	County area	Merle Haggard Rd (Chester Av to Airport Dr) 1. mi.		
Bakersfield - class II bike ln	County area	Mountain View Rd (Fairfax Rd to Comanche Dr) 5. mi.		
Bakersfield - class II bike ln	County area	Muller Rd (Comanche Dr to Oswell St) 6. mi.		
Bakersfield - class II bike ln	County area	N Chester Av (McKelvey Av to Manor St) .3 mi.		
Bakersfield - class II bike ln	County area	Old Farm Rd (Rosedale Hwy to Mia Virginia Ct) .5 mi.		
Bakersfield - class II bike ln	County area	Panama Rd (Habecker Rd to S Comanche Dr) 3.5 mi.		
Bakersfield - class II bike ln	County area	Pegasus Dr (Merle Haggard Dr to Norris Rd) 1.8 mi.		
Bakersfield - class II bike ln	County area	Pioneer Dr (Vineland Rd to Oswell St) 3. mi.		
Bakersfield - class II bike ln	County area	Roberts Ln (Chester Av to Manor St) .5 mi.		
Bakersfield - class II bike ln	County area	Roberts Ln (Norris Rd to Sequoia Dr) 1.7 mi.		
Bakersfield - class II bike ln	County area	Sunset Bl (Weedpatch Hwy to Vineland Rd) 1. mi.		
Bakersfield - class II bike ln	County area	Superior Rd (Rosedale Hwy/Old 58 to Stockdale Hwy) 2. mi.		
Bakersfield - class II bike ln	County area	Vineland Rd (Pioneer Dr to SR 223) 11. mi.		
Bakersfield - class II bike ln	County area	Breckenridge Rd (Weedpatch Hwy to Comanche Dr) 4.3 mi.		2021
Bakersfield - class II bike ln	County area	Comanche Dr (Panama Ln to Muller Rd) 7.5 mi.		2023
Bakersfield - class II bike ln	County area	Day Av (Manor St to N Chester Av) .5 mi.		2021
Bakersfield - class II bike ln	County area	DiGiorgio Rd (Vineland Rd to Comanche Dr) 3. mi.		2023
Bakersfield - class II bike ln	County area	Edison Hwy (Mt Vernon Av to Comanche Dr) 7.8 mi.		2023
Bakersfield - class II bike ln	County area	James Rd (SR 65 to Chester Av) 3.5 mi.		2023
Bakersfield - class II bike ln	County area	McCray St (Merle Haggard Rd to Day Av) .4 mi.		2023
Bakersfield - class II bike ln	County area	Old River Rd (Taft Hwy to Shafter Rd) 4. mi.		2023
Bakersfield - class II buffered bike ln	County area	Airport Dr (Roberts Ln to Merle Haggard Dr) 2.2 mi.		
Bakersfield - class II buffered bike ln	County area	California Av (Mt Vernon Av to Edison Hwy) .6 mi.		
Bakersfield - class II buffered bike ln	County area	Di Giorgio Rd (Pierce Dr to S Vineland Rd) 1.8 mi.		
Bakersfield - class II buffered bike ln	County area	Olive Dr (Coffee Rd to Victor St) 1.7 mi.		
Bakersfield - class II buffered bike ln	County area	S Union Av (Panama Rd to Bear Mountain Bl) 4. mi.		
Bakersfield - class II buffered bike ln	County area	Chester Av (Merle Haggard Rd to Norris Rd) 1.4 mi.		2023
Bakersfield - class III bike bl	County area	Baldwin Rd (Terrace Wy to Ming Av) .8 mi.		
Bakersfield - class III bike bl	County area	Breckenridge Rd (End of St to Comanche Dr) 4.5 mi.		
Bakersfield - class III bike bl	County area	C Club Dr/H Mann Av/Pentz St (College Av to Ctr St) .8 mi.		
Bakersfield - class III bike bl	County area	Castro Ln (Wood Ln to La France Dr) .1 mi.		
Bakersfield - class III bike bl	County area	Center St (Pentz St to Pesanta Rd) .8 mi.		
Bakersfield - class III bike bl	County area	China Grade Loop (City Limit to Alfred Harrell Hwy) .9 mi.		
Bakersfield - class III bike bl	County area	Culver St (Sterling Rd to Pasante Rd) .1 mi.		
Bakersfield - class III bike bl	County area	Edwards Av (Mt Vernon Av to Oswell St) 1.2 mi.		
Bakersfield - class III bike bl	County area	Ferguson Av (Chester Av to Manor St) .5 mi.		
Bakersfield - class III bike bl	County area	Floral Dr (Camino Real to Mt Vernon Av) .1 mi.		
Bakersfield - class III bike bl	County area	Habecker Rd (Panama Rd to Di Giorgio Rd) 1. mi.		
Bakersfield - class III bike bl	County area	Hall Rd (Main St to Habecker Rd) .4 mi.		
Bakersfield - class III bike bl	County area	Iron Oak Wy (Norris Rd to Exodus Ln) .1 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Bakersfield - class III bike bl	County area	Myrtle Av (Di Giorgio Rd to Panama Rd) 1. mi.		
Bakersfield - class III bike bl	County area	Norris Rd (Coffee Rd to Knudsen Dr) 1.8 mi.		
Bakersfield - class III bike bl	County area	Palm Av (Wagis Av to Heath Rd) .5 mi.		
Bakersfield - class III bike bl	County area	Pesante Rd (Culver St to Center St) .1 mi.		
Bakersfield - class III bike bl	County area	Round Mountain Rd (End of St to China Grd Lp) 9.8 mi.		
Bakersfield - class III bike bl	County area	San Diego St (Di Giorgio Rd to Panama Rd) 1.1 mi.		
Bakersfield - class III bike bl	County area	Segrue Rd (San Emidio St to Habecker Rd) .9 mi.		
Bakersfield - class III bike bl	County area	Shafter Rd (Old River Rd to H St) 5. mi.		
Bakersfield - class III bike bl	County area	Shalimar Dr (Pioneer Dr to Niles St) .5 mi.		
Bakersfield - class III bike bl	County area	Sterling Rd (Brundage Ln to College Av) 2. mi.		
Bakersfield - class III bike bl	County area	Terrace Wy (A St to Baldwin Rd) .1 mi.		
Bakersfield - class III bike bl	County area	Valencia Dr (Pioneer Dr to College Av) 1. mi.		
Bakersfield - class III bike bl	County area	Wood Ln (99 Overcrossing to Castro Ln) .3 mi.		
Bakersfield - class III bike bl	County area	Wood Ln (Stine Rd to 99 Overcrossing) .5 mi.		
Bakersfield - class III bike bl	County area	Woodrow Av (Roberts Ln to N Chester Av) 1.8 mi.		
Bakersfield - class III bike rte	County area	Airport Dr (BksfldGlennville Rd to Merle Haggard Dr) 1.9 mi.		
Bakersfield - class III bike rte	County area	Edison Rd (Edison Hwy to SR 223) 9.7 mi.		
Bakersfield - class III bike rte	County area	Fairfax Rd (Panama Rd to SR 223) 4. mi.		
Bakersfield - class III bike rte	County area	Olive Dr (Sequoia Dr to N Chester Av) .7 mi.		
Bakersfield - class IV cycle track	County area	Olive Dr (Victor St to Sequoia Dr) 1.6 mi.		
California City - Caltrans shoulder	County area	SR 14 (SR 178 to Mojave) 46.6 mi.		2023
California City - class I shared use path	Incorporated	Mendiburu Path / California City Bl88th St 1.6 mile		
California City - class II	Incorporated	Poppy Bl / Neuralia RdN Loop Bl)		2023
California City - class II bicycle ln	Incorporated	Hacienda Bl / Redwood BlSequoia Bl)		
California City - class II bicycle ln	Incorporated	Neuralia Rd / Redwood BlSequoia Bl)		
California City - class II bicycle ln	Incorporated	Proctor Bl / Randsburg Mojave RdCollege Bl)		
California City - class II bicycle ln	Incorporated	Redwood Bl / Proctor BlCalifornia City Bl)		
California City - class II bicycle ln	Incorporated	Airway Bl / Redwood BlS Loop Bl)		2023
California City - class II bicycle ln	Incorporated	Airway Bl / Redwood BlSequoia Bl)		
California City - class II bicycle ln	Incorporated	Hacienda Bl / North Loop BlCalifornia City Bl)		2023
California City - class II bike ln	Incorporated	Neuralia Rd / Redwood BlPoppy Bl)		
California City - class II bike ln	Incorporated	90th St / California City BlCatalpa Av)		2023
California City - class II bike ln to connect	Incorporated	Conklin Bl, Heather Av / California City BlCalhoun Ct)		2023
California City - class III bicycle Bl	Incorporated	Conklin Bl / Mendiburu RdNorth Loop Bl)		
California City - class III bicycle Bl	Incorporated	Rusche Bl / Mendiburu RdBolden Dr)		
California City - class III bicycle rte	Incorporated	California City Bl / Hwy 14Yerba Bl)		
California City - class III bicycle rte	Incorporated	California City Bl / Redwood BlSandy Av)		
California City - class III bicycle rte	Incorporated	Desert Butte Bl / Forest BlSequoia Bl		
California City - class III bicycle rte	Incorporated	Division Rd / Midway RdIronwood St)		
California City - class III bicycle rte	Incorporated	Forest Bl / Neuralia RdDesert Butte Bl)		
California City - class III bicycle rte	Incorporated	Mendiburu Rd / Baron BlRusche Bl)		
California City - class III bicycle rte	Incorporated	Neuralia Rd / Mendiburu RdPoppy Bl)		
California City - class III bicycle rte	Incorporated	Sequoia Bl / Neuralia RdDesert Butte Bl)		
California City - class III bicycle rte	Incorporated	Yerba Bl / Mendiburu RdCalifornia City Bl Class III Bike Rte)		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
California City - class III bike bl	Incorporated	92nd St / Catalpa AvFir Av Bl)		
California City - class III bike bl	Incorporated	92nd St / Fir AvS Loop Bl)		
California City - class III bike bl	Incorporated	Catalpa Av / 92nd St90th St)		
California City - class III bike bl	Incorporated	Fir Av / 92nd St92nd St)		
California City - class III bike rte	Incorporated	Hacienda Bl / Mendiburu RdN Loop Bl)		
California City - class III bike rte	Incorporated	Mendiburu Rd / Hacienda BlRandsburg Mojave Rd)		
California City - Extend new class II bike	Incorporated	Redwood Bl / Airway BlNeuralia Rd)		
California City - Extend new class II bike	Incorporated	Randsburg Mojave Rd / Mcintosh WyHooker Dr)		2023
California City - Extend new class II bike	Incorporated	S Loop Bl / California City BlHacienda Bl)		2023
California City - fill gap in existing bikewa	Incorporated	California City Bl / S College BlProctor Bl)		
California City - Maintain existing ln & adc	Incorporated	Redwood Bl / California City BlHacienda Bl)		
California City - off	Incorporated	North City Path / 88th StHacienda Bl)		
Delano - class I	County area	Lake Woollomes Loop (Lake Woollomes to Lake Woollomes) 5.3 mi.		
Delano - class II	Incorporated	20th St (Girard St to Browning Rd) 1.5 mi.		
Delano - class II	Incorporated	Browning St (Garces Hwy to 9th Av) .5 mi.		
Delano - class II	Incorporated	Cecil Av (Hiett Av to Albany St) 5. mi.		
Delano - class II	Incorporated	Dover Pkwy (Millenium Pkwy to Garzoli Av) .6 mi.		
Delano - class II	Incorporated	Ellington St (11th Av to Woollomes Av) 1. mi.		
Delano - class II	Incorporated	Fresno Av (Palm Av to Shafter Av) 4.1 mi.		
Delano - class II	Incorporated	Garzoli Av (Woollomes Av to Pond Rd) 2. mi.		
Delano - class II	Incorporated	High St (Garces Hwy to Girard St) 1.7 mi.		
Delano - class II	Incorporated	High St (SR 155 to Woollomes Av) 1.1 mi.		
Delano - class II	Incorporated	Schuster Rd (Lexington St to Browning Rd) .6 mi.		
Delano - class II	County area	Mast Av (Garces Hwy to Woollomes Av 1 mi.		
Delano - class II	County area	Stradley Av (SR 155 to Sherwood Av) 6 mi.		
Delano - class II	County area	Woollomes Av (Mast Av to Proposed Woollomes) 2.7 mi.		
Delano - class II	Incorporated	Albany St (Garces Hwy to Morse Bl) 1. mi.		2023
Delano - class II	Incorporated	Albany St (Morse Bl to Woollomes Av) 1. mi.		2021
Delano - class II	Incorporated	Browning St (9th Av to County Line Rd) 1.5 mi.		2021
Delano - class II	Incorporated	Garces Hwy (Hiett Av to Albany St) 5. mi.		2023
Delano - class II	Incorporated	Girard St (20th St to County Line Rd) .5 mi.		2021
Delano - class II	Incorporated	Hiett Av (County Line Rd to Cecil Av) 1. mi.		2021
Delano - class II	Incorporated	Hiett Rd (Cecil Av to SR 155) 1. mi.		2023
Delano - class II	Incorporated	Randolph St (Garces St to County Line Rd) 2. mi.		2021
Delano - class II	Incorporated	S Lexington St (Woollommes Rd to Garces Hwy) 2.1 mi.		2021
Delano - class II	County area	Pond Rd (Benner Av to Stradley Av) 3 mi.		2023
Delano - class III	Incorporated	Belmont St (20th Av to Cecil Av) .5 mi.		
Delano - class III	Incorporated	Browning Rd (SR 155 to Skyline Rd) 2. mi.		
Delano - class III	Incorporated	Garzoli Av (Pond Rd to Delano City Limit) .5 mi.		
Delano - class III	Incorporated	Melcher Rd (County Line Rd to Cecile Wy) 1. mi.		
Delano - class III	Incorporated	Veneto St (County Line Rd to 20th St) .5 mi.		
Delano - class III	Incorporated	11th Av (Albany St to Hiett Av) .5 mi.		2021
Delano - class III	Incorporated	20th Av (Albany St to Belmont St) .1 mi.		2021
Delano - class III	Incorporated	9th St (High St to Browning Rd) 1.3 mi.		2021

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Delano - class III	Incorporated	Clinton St (Cecil Av to Garces Hwy) 1. mi.		2021
Delano - class III	Incorporated	County Line Rd (Hiett Av to Veneto St) 3. mi.		2023
Delano - class III	Incorporated	Lexington St (Garces Hwy to Cecil Av) 1. mi.		2021
Delano - class III	Incorporated	Norwalk Av (Cecil Av to County Line Rd) 1. mi.		2021
Kernville - class I	County area	Kern River/Lake (Riverside Park to Wofford Heights Park) 4.3 mi.		
Kernville - class II	County area	Burlando Rd (Kernville to Wofford Heights) 3 mi.		2023
Kernville - class III	County area	Sierra Wy (Valley View Dr to Cyrus Canyon Rd) 2.2 mi.		
Kernville - green streets/traffic calming	County area	Burlando Rd (Rio Del Loma/Whiskey Flat to Kernville Rd) 2.1 mi.		
Kernville - green streets/traffic calming	County area	Sirretta St (Burlando Rd to Existing Class II) 1 mi.		
Lake Isabella - Caltrans shoulder	County area	SR 178 (Bakersfield City Limits to Kern River Valley) 26.4 mi.		
Lake Isabella - Caltrans shoulder	County area	SR 178 (SR 155 to Sierra Wy) 11.4 mi.		2023
Lake Isabella - class I	County area	Lake Isabella Bl (Erskine Creek Rd to Alta Vista Av) .3 mi.		2023
Lake Isabella - class II	County area	Bodfish Canyon Rd (Lake Isabella Bl to End of Rd) 2.9 mi.		
Lake Isabella - class II	County area	Lake Isabella Bl (Erskine Creek Rd to Kern River Canyon Rd) 2.5 mi.		2023
Lake Isabella - class II	County area	Lake Isabella Bl (Nugget Av to Erskine Creek Rd) 2.2 mi.		
Lake Isabella - class II	County area	Erskine Creek Rd (Lake Isabella Bl to Pasadena Ln) 1.4 mi.		2023
Lake Isabella - class III	County area	Hwy 155 (Wofford Rd to Lake Isabella Bl) 5.5 mi.		
Lake Isabella - class III	County area	Sierra Wy (Kernville Airport to SR 178) 11.2 mi.		
Lake Isabella - green streets/traffic calmi	County area	Lynch Canyon Dr (SR 178 to Poplar St) 0.7 mi.		
Lake Isabella - other	County area	Lake Isabella Loop (around lake) 30.1 mi.		
Mtn Mesa - class II	County area	McCray Rd (SR 178 to Dogwood Rd) 0.4 mi.		
South Lake - Caltrans shoulder	County area	SR 178 (Mobile Dr to Poplar St) 0.8 mi.		
Wofford Hts. - class II	County area	Wofford Bl (Burlando Rd to SR 155) 2 mi.		2023
Maricopa - class I shared use path	Incorporated	Wagy St (Maricopa Hwy to Welch St) .1 mi.		
Maricopa - class II bike ln	Incorporated	Hazelton St (Main St to Poso St) .3 mi.		
Maricopa - class II bike ln	Incorporated	Main St (Hazelton St to California St) .1 mi.		
Maricopa - class II bike ln	Incorporated	SR 33/166 (Clark St to South City Limits) 1. mi.		2023
Maricopa - class II buffered bike ln	Incorporated	California St SR 33 (Poso St to Kern St) .5 mi.		
Maricopa - class II buffered bike ln	Incorporated	Maricopa Hwy SR 166/33 (Fresno St to Scott Dr) 1.1 mi.		
Maricopa - class III bike bl	Incorporated	Chico St (California St to Welch St) .1 mi.		
Maricopa - class III bike bl	Incorporated	Elkhorn St (SR 33 to Fresno St) .4 mi.		
Maricopa - class III bike bl	Incorporated	Fresno St (Poso St to Elkhorn St) .2 mi.		
Maricopa - class III bike bl	Incorporated	Green St (Hazelton St to California St) .1 mi.		
Maricopa - class III bike bl	Incorporated	Hazelton St (SR 166 to South City Limits) .3 mi.		
Maricopa - class III bike bl	Incorporated	Union St (Maricopa Hwy SR 33 to Ruth St) .4 mi.		
Maricopa - class III bike bl	Incorporated	Welch St (Chico St to Wagy St) .1 mi.		
Maricopa - class III bike rte	Incorporated	Stanislaus St (Klipstein St to School St) .2 mi.		
McFarland - class I shared use path	Incorporated	Union Pacific RR (Sherwood Av to Elmo Hwy) 1.1 mi.		2023
McFarland - class II	County area	Perkins Av (Stradley Av to S Garzoli Av 1 mi.		
McFarland - class II	County area	Sherwood Av (Stradley Av to S Garzoli Av 1 mi.		
McFarland - class II	Incorporated	Sherwood Av (Browning Rd to Wiley St 1 mi.		2023
McFarland - class II bike ln	Incorporated	Browning Rd (Elmo Hwy to W Taylor Av) 1.5 mi.		
McFarland - class II bike ln	Incorporated	Elmo Hwy (Browning Rd to West City Limits) 3.5 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
McFarland - class II bike ln	Incorporated	Frontage Rd (Hail Ln to Perkins Av) .3 mi.		
McFarland - class II bike ln	Incorporated	Hail Ln (Garzoli Av to Frontage Rd) .7 mi.		
McFarland - class II bike ln	Incorporated	Kendra St (Elmo Hwy to Perkins Av) .5 mi.		
McFarland - class II bike ln	Incorporated	Mast Av (Taylor Av to Whisler Rd) 1.5 mi.		
McFarland - class II bike ln	Incorporated	Perkins Av (Garzoli Av to Stradley Av) 1. mi.		
McFarland - class II bike ln	Incorporated	Sherwood Access Ramps (SR 99 to Sherwood Av) .3 mi.		
McFarland - class II bike ln	Incorporated	Sherwood Av (Wiley St to Driver Rd) .7 mi.		
McFarland - class II bike ln	Incorporated	Taylor Av (Mast Av to Frontage Rd) .4 mi.		
McFarland - class II bike ln	Incorporated	Taylor Av (SR 99 to Driver Rd) 1.1 mi.		
McFarland - class II bike ln	Incorporated	W Kern Av (5th St to Garzoli Av) .4 mi.		
McFarland - class II bike ln	Incorporated	Davis Av (Elmo Hwy to Perkins Av) .5 mi.		2023
McFarland - class II bike ln	Incorporated	Frontage Rd (Sherwood Av to Taylor Av) .6 mi.		
McFarland - class II buffered bike ln	Incorporated	E Perkins Av (Industrial St to Bowman Rd) .7 mi.		
McFarland - class II buffered bike ln	Incorporated	Garzoli Av (Hanahwalt Av to Elmo Hwy) 2. mi.		
McFarland - class II buffered bike ln	Incorporated	Perkins Av (Garzoli Av to Frontage Rd) .7 mi.		
McFarland - class II buffered bike ln	Incorporated	Perkins Av Access Ramp (W Prkns Av to E Prkns Av) .3 mi.		
McFarland - class II buffered bike ln	Incorporated	E Sherwood Av (Browning Rd to Wiley St) .3 mi.		2023
McFarland - class II buffered bike ln	Incorporated	E Sherwood Av (Industrial St to Browning Rd) .1 mi.		
McFarland - class III bike bl	Incorporated	3rd St (Perkins Av to Sherwood Av) .5 mi.		
McFarland - class III bike bl	Incorporated	5th St (Hail Ln to Ebell St) .9 mi.		
McFarland - class III bike bl	Incorporated	E Kern Av (McFarland Bridge to Wiley St) .5 mi.		
McFarland - class III bike bl	Incorporated	Ebell St (5th St to Mast Av) .1 mi.		
McFarland - class III bike bl	Incorporated	W Kern Av (1st St to 5th St) .3 mi.		
Mojave - Caltrans shoulder	County area	SR 58 (SR 14 (Sierra Hwy) to 5th St) 2.9 mi.		2023
Mojave - class I	County area	Sierra Hwy (Oak Creek Rd to Purdy Av) 2.4 mi.		
Mojave - class II	County area	40th St (Arroyo Av to Purdy Av) 3.1 mi.		
Mojave - class II	County area	5th St (Rosewood Bl to Purdy Av) 5.1 mi.		
Mojave - class II	County area	Arroyo Av (45th St to SR 58 1.9 mi.		
Mojave - class II	County area	Arroyo Av (5th St to Town Limits 1.5 mi.		
Mojave - class II	County area	Butte Av (5th St to Town Limits 1.5 mi.		
Mojave - class II	County area	Camelot Bl (45th St to Holt St 1.6 mi.		
Mojave - class II	County area	Denise Av (5th St to Town Limits 1.5 mi.		
Mojave - class II	County area	Holt St (Arroyo Av to Purdy Av) 3 mi.		
Mojave - class II	County area	Inyo St (K St to O St) 0.3 mi.		
Mojave - class II	County area	K St (Oak Creek Rd to Inyo St`) 0.5 mi.		
Mojave - class II	County area	Kock St (Arroyo Av to Purdy Av) 3.1 mi.		
Mojave - class II	County area	O St (Inyo St to Park St) 0.4 mi.		
Mojave - class II	County area	Purdy Av (45th St to Town Limits) 6.8 mi.		
Mojave - class II	County area	Rosewood Bl (Kyle St to 5th St) 5 mi.		
Mojave - class II	County area	Oak Creek Rd (45th St to K St) 2.3 mi.		2023
Ridgecrest - Caltrans shoulder	County area	US 395 (China Lake Bl to San Bernardino Cty Line 14 mi.		2023
Ridgecrest - class I	County area	Bowman Rd (Jacks Ranch Rd to Brady St 1 mi.		
Ridgecrest - class I	County area	Indian Wells Valley Pkwy Tr (N Jacks Ranch Rd to Jacks Ranch Rd) 12.6 mi.		
Ridgecrest - class I	County area	Javis Av Parkway (China Lake Bl to S Downs St Parkway 1.2 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Ridgecrest - class I shared use path	Incorporated	E Javis Av (S Gateway Bl to College Heights Bl) 1. mi.		
Ridgecrest - class I shared use path	Incorporated	Jarvis Av (S Downs St to Lacey St) .5 mi.		
Ridgecrest - class I shared use path	Incorporated	W Kendall Av (S Downs St to S Del Rosa Dr) .8 mi.		
Ridgecrest - class I shared use path	Incorporated	Bowman Path (Brady St to S Downs St) 1. mi.		2023
Ridgecrest - class I shared use path	Incorporated	Bowman Path (Richmond Rd to San Bernardino Bl) 1.1 mi.		2023
Ridgecrest - class II	County area	Brady St (Inyokern Rd (SR 178) to South China Lake Bl) 4.7 mi.		
Ridgecrest - class II	County area	Drummond Av (Jacks Ranch Rd to Downs St 1 mi.		
Ridgecrest - class II	County area	Jacks Ranch Rd (Ridgecrest Bl to Springer Av) 2 mi.		
Ridgecrest - class II	County area	Javis Av (South China Lake Bl to Norma St Parkway 1.8 mi.		
Ridgecrest - class II	County area	S Downs St (S China Lake Bl to E Javis Av 1.1 mi.		
Ridgecrest - class II	County area	Springer Av (College Heights Bl to Gateway Bl 1 mi.		
Ridgecrest - class II	County area	Springer Av (Jacks Ranch Rd to Brady St 1 mi.		
Ridgecrest - class II	County area	Springer Av (S Downs St to Norma St Parkway) 0.5 mi.		
Ridgecrest - class II bike ln	Incorporated	Bowman Rd (Gateway Bl to San Bernardino Bl) 1. mi.		
Ridgecrest - class II bike ln	Incorporated	Dolphin Av (S Mahan St to S China Lake Bl) .9 mi.		
Ridgecrest - class II bike ln	Incorporated	E Dolphin Av (S China Lake Bl to S Gateway Bl) 1.5 mi.		
Ridgecrest - class II bike ln	Incorporated	E Las Flores Av (French Av to N China Lake Bl) .3 mi.		
Ridgecrest - class II bike ln	Incorporated	Javis Av (College Heights Bl to Lacey St) .5 mi.		
Ridgecrest - class II bike ln	Incorporated	Kendall Av (S Del Rosa Dr to S Gateway Bl) 1.2 mi.		
Ridgecrest - class II bike ln	Incorporated	Mahan St (Upjohn Av to W Springer Av) 1. mi.		
Ridgecrest - class II bike ln	Incorporated	Mahan St (W Inyokern Rd to W Springer Av) 2. mi.		
Ridgecrest - class II bike ln	Incorporated	S Gateway Bl (Bowman Rd to E Kendall Av) 1.6 mi.		
Ridgecrest - class II bike ln	Incorporated	Saratoga Av (Lauritsen Rd to Blue Ridge Rd) .9 mi.		
Ridgecrest - class II bike ln	Incorporated	Springer Av (Jack Ranch Rd to S Gateway Bl) 4. mi.		
Ridgecrest - class II bike ln	Incorporated	Sunland St (Dolphin Av to E Kendall Av) 2. mi.		
Ridgecrest - class II bike ln	Incorporated	W Upjohn Av (Brady St to S Downs St) 1. mi.		
Ridgecrest - class II bike ln	Incorporated	178 Inyokern Rd (Hawk to Mahan St) 10.1 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Drummond Av (N Mahan St to N Down St) .5 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Mahan St (W Ridgecrest Bl to Upjohn Av) 1. mi.		2023
Ridgecrest - class II bike ln	Incorporated	Norma St (Bowman Rd to W Upjohn Av) .5 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Richmond Rd (Inyokern Rd to Ridgrecrest Bl) 2. mi.		2023
Ridgecrest - class II bike ln	Incorporated	Ridgecrest Bl (S Brady St to S Norma Streeet) 1.5 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Ridgecrest Bl SR 178 (Richmd Rd to San Bdno Bl) .8 mi.		2023
Ridgecrest - class II bike ln	Incorporated	S Gateway Bl (E Upjohn Av to Ridgecrest Bl) .5 mi.		2023
Ridgecrest - class II bike ln	Incorporated	Sunland St (E Upjohn Av to Dolphin Av) 2. mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	Downs St (Inyokern Rd to Springer Av) 4. mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	Drummond Av (N China Lake Bl to French Av) .6 mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	E Rcrest Bl SR 178 (N Chna Lk Bl to S Richmd Rd) 1.2 mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	French Av (Drummond Av to N China Lake Bl) .8 mi.		2023
Ridgecrest - class II buffered bike ln	Incorporated	Norma St (W Upjohn Av to W Inyokern Rd) 2.5 mi.		2023
Ridgecrest - class III	County area	E Belle Vista Parkway (Gateway Bl to Summit St) 0.4 mi.		
Ridgecrest - class III	County area	E Dolphin Av (Gateway Bl to Lumill St) 0.5 mi.		
Ridgecrest - class III bike bl	Incorporated	Gold Canyon St (Ridgecrest Bl to Richmond Rd) 1.3 mi.		
Ridgecrest - class III bike bl	Incorporated	Rowe St (Knox Rd to Richmond Rd) 1. mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Ridgecrest - class III bike rte	Incorporated	N Brady St (China Lake Bl to Inyokern Rd) 4.7 mi.		
Ridgecrest - class III bike rte	Incorporated	Norma St (Bowman Rd to S China Lake Bl) .4 mi.		
Ridgecrest - class III bike rte	Incorporated	Pilot Plant Rd (Richmond Rd to East City Limits) .7 mi.		
Ridgecrest - class III bike rte	Incorporated	S Richmond Rd (E Ridgecrest Bl to Upjohn Av) .6 mi.		
Ridgecrest - class III bike rte	Incorporated	W Las Flores Av (N Brady St to N Mahan St) .5 mi.		
Ridgecrest - class III bike rte	Incorporated	W Ridgecrest Bl (N Norma St to N China Lake Bl) .5 mi.		
Ridgecrest - class IV cycle track	Incorporated	S China Lake Bl (W Springs Av to E Inyokern Rd) 4.5 mi.		
Rosamond - class II	County area	Rosamond Bl (SR 14 to Sierra Hwy .5 mi.		
Rosamond - class II	County area	Rosamond Bl (60th St to SR 14) 3.7 mi.		2023
Rosamond - class II	County area	Sierra Hwy (Rosamond Bl to LA County Line) 3 mi.		2023
Rosamond - class III	County area	Sierra Hwy (Rosamond Bl to Silver Queen Rd) 9.3 mi.		
Indian Wells V. - Caltrans shoulder	County area	SR 14 (US 395 to Athel Av) 1 mi.		2023
Indian Wells V. - Caltrans shoulder	County area	SR 178 (SR 14 to Sierra Hwy) 32.3 mi.		
Indian Wells V. - Caltrans shoulder	County area	SR 14 (Athel Av to SR 178) 5.9 mi.		2023
Indian Wells V. - Caltrans shoulder	County area	US 395 (Brown Rd to China Lake Bl) 10.1 mi.		2023
Indian Wells V. - Caltrans shoulder	County area	US 395 (Brown Rd to Inyo County Line 10.4 mi.		2023
Indian Wells V. - class III	County area	Garlock Rd (Redrock 18 mi.		
Indian Wells V. - class III signage only	County area	Athel Av (Us 395 to Brown Rd) 2.6 mi.		
Indian Wells V. - class III signage only	County area	Brown Rd (SR 14 to US 395) 20 mi.		
Indian Wells V. - class III signage only	County area	Brown Rd (US 395 Northern Overpass to US 395 Southern Overpass) 0.3 mi.		
Indian Wells V. - pave shoulder	County area	Brown Rd (Athel Av to US 395) 7.8 mi.		2023
Indian Wells V. - pave shoulder	County area	Brown Rd (US 395 Northern Overpass to US 395 Southern Overpass) 0.3 mi.		2023
Indian Wells V. - pave shoulder	County area	Brown Rd (US 395 to Ridgecrest Bl.) 8.2 mi.		2023
Indian Wells V. - pave shoulder	County area	Inyokern Rd (SR 178 Ridgecrest City Limits to SR 14) 9.2 mi.		2023
Inyokern - class II	County area	Broadway (Orchard Av to Plains Av) 0.5 mi.		
Shafter - class II	Incorporated	Santa Fe Wy (Driver Rd to Riverside St) 3.6 mi.		
Shafter - class II	County area	Fresno Av (Palm Av to Shafter Av) 4.1 mi.		
Shafter - class II	County area	Palm Av (Kimberlina Rd to Fresno Av) 3 mi.		
Shafter - class II	County area	Palm Av (Lupine Ct to Kimberlina Rd 1.5 mi.		
Shafter - class II	County area	Poplar Av (Fresno Av to Riverside St) 2 mi.		
Shafter - class II	County area	Riverside St (Central Valley Hwy to Driver Rd) 2.6 mi.		
Shafter - class II	County area	Riverside St (Poplar Av to Cherry Av) 2.5 mi.		
Shafter - class II	County area	Shafter Av (Sierra Av (Shafter) to Kimberlina Rd) 3.3 mi.		
Shafter - class II bike ln	Incorporated	Fresno Av (Palm Av to Cherry Av) 6.1 mi.		
Shafter - class II bike ln	Incorporated	Poplar Av (Fresno Av to Riverside St) 2. mi.		
Shafter - class II bike ln	Incorporated	Beech Av (SR 43 to 7th Std Rd) 4.8 mi.		2023
Shafter - class II buffered bike ln	Incorporated	Los Angeles Av (Mettler Av to Thompson St) .7 mi.		
Shafter - class II buffered bike ln	Incorporated	Shafter Av (Lerdo Hwy to Riverside St) 1. mi.		
Shafter - class II buffered bike ln	Incorporated	Shafter Av (Redwood Dr to Lerdo Hwy) .7 mi.		
Shafter - class II buffered bike ln	Incorporated	E Lerdo Hwy (Cherry Av to Mannel Av) 1.5 mi.		2023
Shafter - class II buffered bike ln	Incorporated	E Tulare Av (Mannel Av to N Beech Av) .5 mi.		2023
Shafter - class II buffered bike ln	Incorporated	Lerdo Hwy (Poplar Av to SR 43) 1.4 mi.		2023
Shafter - class II buffered bike ln	Incorporated	Mannel Av (E Tulare Av to E Lerdo Hwy) .5 mi.		2023
Shafter - class II buffered bike ln	Incorporated	Shafter Av (Poso Av to Lerdo Hwy) .7 mi.		2023

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Shafter - class III bike bl	Incorporated	E Tulare Av (Shafter Av to Mannel Av) .5 mi.		
Shafter - class III bike bl	Incorporated	James St (Shafter Av to E Lerdo Hwy) .4 mi.		
Shafter - class III bike bl	Incorporated	Mark Av (Knight St to N Valley St) .4 mi.		
Shafter - class III bike bl	Incorporated	N Beech Av (E Tulare Av to E Lerdo Hwy) .5 mi.		
Shafter - class III bike bl	Incorporated	N Wall St (Richland Dr to W Tulare Av) .2 mi.		
Shafter - class III bike bl	Incorporated	Poso Av (N Valley St to Shafter Av) .2 mi.		
Shafter - class III bike bl	Incorporated	Schnaidt St (W Los Angeles St to Mark Av) .7 mi.		
Shafter - class III bike bl	Incorporated	Valley St (Poso Av to Rodriguez Av) .7 mi.		
Shafter - class III bike rte	Incorporated	Beech Av (Fresno Av to Tulare Av) .5 mi.		
Shafter - class III bike rte	Incorporated	Burbank St (Drr Rd to Zachary Av) 1. mi.		
Shafter - class III bike rte	Incorporated	Cherry Av (Fresno Av to Riverside St) 2. mi.		
Shafter - class III bike rte	Incorporated	Drr Rd (Riverside St to Burbank St) 1. mi.		
Shafter - class III bike rte	Incorporated	E Los Angeles Av (Thompson St to SR 43) .8 mi.		
Shafter - class III bike rte	Incorporated	Mannel Av (Redwood Dr to E Tulare Av) .2 mi.		
Shafter - class III bike rte	Incorporated	Redwood Dr (Shafter Av to Mannel Av) .5 mi.		
Shafter - class III bike rte	Incorporated	Riverside St (SR 99 to Driver Rd) 5.1 mi.		
Shafter - class III bike rte	Incorporated	Shafter Av (Kimberlina Rd to Redwood Dr) 3.3 mi.		
Shafter - class III bike rte	Incorporated	Zachary Av (Burbank St to 7th Std Rd) 2. mi.		
Taft - class I	County area	Kern River Parkway (Western end of Path to Lake Buena Vista) 2.9 mi.		2023
Taft - class II	County area	A St (Arroyo Dr to Hilard St) 0.3 mi.		
Taft - class II	County area	Ash St (Emmons Park to Harrison St) 0.2 mi.		
Taft - class II	County area	Asher Av (Supply Row to South St) 0.5 mi.		
Taft - class II	County area	Cedar St (Division Rd to Tyler St) 0.4 mi.		
Taft - class II	County area	Cedar St (Harrison St to Airport Rd 1.6 mi.		
Taft - class II	County area	Division Rd (Grevillea St to Ash St) 0.7 mi.		
Taft - class II	County area	E Ash St (Adams St to Airport Rd) 0.9 mi.		
Taft - class II	County area	E St (Harding Av to 10th St) 0.6 mi.		
Taft - class II	County area	Elm St (Division Rd to Harrison St) 0.5 mi.		
Taft - class II	County area	General Petroleum (2nd St to Wood St) 0.4 mi.		
Taft - class II	County area	Grevillea St (Division Rd to Harrison St) 0.5 mi.		
Taft - class II	County area	Harding Av (A St to E St) 0.2 mi.		
Taft - class II	County area	Olive Av (Supply Row to Wood St) 0.3 mi.		
Taft - class II	County area	Pico St (S 6th St to Asher Wy) 0.1 mi.		
Taft - class II bike ln	Incorporated	SR 33 (Kern St to SR 119) .5 mi.		
Taft - class II bike ln	Incorporated	SR 33 (West City Limits to Cascade Pl) 1.2 mi.		
Taft - class II bike ln	Incorporated	10th St (Center St to F St) .7 mi.		2021
Taft - class II bike ln	Incorporated	A St (Terrace Dr to S 10th St) .9 mi.		2021
Taft - class II bike ln	Incorporated	Ash St (N 10th St to Airport Rd) 1.9 mi.		2021
Taft - class II bike ln	Incorporated	SR 119 (Midway Rd to South City Limits) 6.6 mi.		2023
Taft - class II bike ln	Incorporated	Wood St (S 10th St to SR 33) 1.1 mi.		2021
Taft - class II buffered bike ln	Incorporated	Cedar St (Division Rd to Airport Rd) 2.1 mi.		
Taft - class II buffered bike ln	Incorporated	Kern St SR 33 (Cascade Pl to 1st St) 1.2 mi.		
Taft - class II buffered bike ln	Incorporated	1st St (West Side Hwy SR 33 to Calvin St) .3 mi.		2021
Taft - class II buffered bike ln	Incorporated	2nd St (Calvin St to Williams Wy) .3 mi.		2021

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Taft - class II buffered bike ln	Incorporated	6th St (Oak St to Ash St) 1.1 mi.		2021
Taft - class III bike bl	Incorporated	2nd St (Calvin St to Supply Row) .6 mi.		2021
Taft - class III bike bl	Incorporated	Harding Av (A St to E St) .4 mi.		2021
Taft - class III bike bl	Incorporated	Oak St (Lierly Av to S 10th St) .2 mi.		2021
Taft - class III bike rte	Incorporated	Cadet Rd (SR 33 to Duval Rd) 2. mi.		
Taft - class III bike rte	Incorporated	Gardner Field Rd (SR 33 to East City Limits) 4.2 mi.		
Taft - class III bike rte	Incorporated	SR 33 (Cadet Rd to California St) 2.3 mi.		
Taft - class III bike rte	Incorporated	Airport Rd (Ash St to SR 119) 1.1 mi.		2021
Taft - class III bike rte	Incorporated	Church St (F St to Ranier Av) .9 mi.		2021
Taft - class III bike rte	Incorporated	Midoil Rd (Thomas St to Terrace Dr) .7 mi.		2021
Taft - class IV cycle track	Incorporated	10th St (Center St to Ash St) .6 mi.		2021
Taft - other	County area	Gardner Field Rd (County to Aqueduct) 1.5 mi.		
Taft - other	County area	Taft Path (Kern River Parkway to Gardner Field Rd) 10.6 mi.		
Tupman - other	County area	Tule Elk Reserve Path (Tupman Path to Tule Elk Reserve State Park) 1.3 mi.		
Tehachapi - class I shared use path	Incorporated	East City Path (Tucker Rd to Mount View Av) .5 mi.		
Tehachapi - class I shared use path	Incorporated	Class I (Orchard Path to Highline Rd) .3 mi.		2021
Tehachapi - class I shared use path	Incorporated	Tehachapi Bl (S Hayes St to Monolith St) 2. mi.		2023
Tehachapi - class I shared use path	Incorporated	Tehachapi Bl (Steuber Rd to Snyder Av) 1.4 mi.		2021
Tehachapi - class I shared use path	Incorporated	Valley Bl (S Snyder Av to Steuber Rd) 1.4 mi.		2021
Tehachapi - class II	County area	White Pine Dr (Tehachapi Bl to Mariposa Rd) 0.4 mi.		
Tehachapi - class II bike ln	Incorporated	Anita Dr (S Snyder Av to Dennison Rd) .4 mi.		
Tehachapi - class II bike ln	Incorporated	Challenger Dr (Burnett Rd to Capital Hills Pkwy) 1.1 mi.		
Tehachapi - class II bike ln	Incorporated	Cherry Ln (Tucker Rd to Elm St) .7 mi.		
Tehachapi - class II bike ln	Incorporated	Classico Dr (Pinon St to Alder Av) .1 mi.		
Tehachapi - class II bike ln	Incorporated	Dennison Rd (SR 58 to Highline Rd) 2.1 mi.		
Tehachapi - class II bike ln	Incorporated	E C St (Pepper Dr to S Snyder Av) .2 mi.		
Tehachapi - class II bike ln	Incorporated	E I St (N Curry St to N Mojave St) .4 mi.		
Tehachapi - class II bike ln	Incorporated	E J St (N Curry St to N Hayes St) .4 mi.		
Tehachapi - class II bike ln	Incorporated	E Orchard Pkwy (Classico Dr to S Curry St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	Enterprise Wy (Mill St to Tucker Rd) 1.1 mi.		
Tehachapi - class II bike ln	Incorporated	H St (N Green St to S Hayes St) .6 mi.		
Tehachapi - class II bike ln	Incorporated	Industrial Pkwy (N Mill St to N Curry St) .2 mi.		
Tehachapi - class II bike ln	Incorporated	Mojave St (J St to E H St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	N Curry St (E J St to W H St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	N Curry St (Industrial Pkwy to W J St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	N Mill St (Challenger Dr to W H St) .8 mi.		
Tehachapi - class II bike ln	Incorporated	Pepper Dr (S Mojave St to E C St) .1 mi.		
Tehachapi - class II bike ln	Incorporated	Pinon St (Classico Dr to Applewood Dr) .1 mi.		
Tehachapi - class II bike ln	Incorporated	S Hayes St (Pepper Dr to E H St) .3 mi.		
Tehachapi - class II bike ln	Incorporated	E St (Mulberry St to S Mojave St) .7 mi.		2023
Tehachapi - class II bike ln	Incorporated	H St (N Mill St to N Green St) .6 mi.		2023
Tehachapi - class II bike ln	Incorporated	Mount View Av (W D St to Maple St) .1 mi.		2023
Tehachapi - class II bike ln	Incorporated	Pinon St (S Curry St to Brandon Ln) .5 mi.		2023
Tehachapi - class II bike ln	Incorporated	S Snyder Av (E Tehachapi Bl to Valley Bl) .5 mi.		2023

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Tehachapi - class II bike ln	Incorporated	Steuber Rd (E Tehachapi Bl to Highline Rd) 1.2 mi.		2023
Tehachapi - class II bike ln	Incorporated	Tehachapi Willow Springs Rd (E Teh Bl to Highline Rd) 1.1 mi.		2023
Tehachapi - class II bike ln	Incorporated	Tucker Rd SR 202 (Enterprise Wy to Tehachapi Bl) .7 mi.		2023
Tehachapi - class II buffered bike ln	Incorporated	E Tehachapi Bl (Dennison Rd to Teh Willow Spr Rd) 1. mi.		
Tehachapi - class II buffered bike ln	Incorporated	Tucker Rd (Tehachapi Bl to Highline Rd) 1.5 mi.		
Tehachapi - class II buffered bike ln	Incorporated	W Tehachapi Bl (Mt View Av to S Snyder Av) 1.2 mi.		
Tehachapi - class II buffered bike ln	Incorporated	W Valley Bl (McIntosh St to Las Colinas St) .3 mi.		
Tehachapi - class II shared use path	Incorporated	Pinon St (Brandon Ln to Dennison Rd) .5 mi.		2023
Tehachapi - class III bike bl	Incorporated	Brentwood Dr (Clearview St to Cherry Ln) .9 mi.		
Tehachapi - class III bike bl	Incorporated	Clearview St (Valley Bl to White Oak Dr) .3 mi.		
Tehachapi - class III bike bl	Incorporated	Elm St (Maple St to Cherry Ln) .5 mi.		
Tehachapi - class III bike bl	Incorporated	Maple St (Mt View Av to S Mill St) .3 mi.		
Tehachapi - class III bike bl	Incorporated	S Mojave St (E Tehachapi Bl to Pepper Dr) .3 mi.		
Tehachapi - class III bike bl	Incorporated	White Oak Dr (S Curry St to Clearview St) .2 mi.		
Tehachapi - class III bike rte	Incorporated	Applewood Dr (Elm St to Pinon St) .2 mi.		
Tehachapi - class III bike rte	Incorporated	Elm St (Cherry Ln to Applewood Dr) .2 mi.		
Tehachapi - class III bike rte	Incorporated	Pinon St (Applewood Dr to S Curry St) .2 mi.		
Tehachapi - class III bike rte	Incorporated	S Green St (H St to C St) .3 mi.		
BV Springs - class II	County area	Bear Valley Rd (Cumberland Rd to Hwy 202) 6.8 mi.		
BV Springs - class II	County area	Bear Valley Rd (SR 202 to Cummings Valley Rd) .25 mi.		
BV Springs - class II	County area	Bear Valley Rd (Cummings Valley Rd to Proposed Rd) 1.25 mi.		2023
BV Springs - other	County Area	Cumberland Rd (Bear Valley Rd to Bear Valley Springs) 3.6 mi.		
Cummings V. - class II	County area	Giraudo Rd (Pellisier Rd to Bailey Rd) 0.5 mi.		
Cummings V. - class II	County area	Pellisier Rd (Banducci Rd to Giraudo Rd) 2 mi.		
Golden Hills - Caltrans shoulder	County area	SR 202 (Tehachapi Bl to Bear Valley Rd) 5.7 mi.		
Golden Hills - class II	County area	Bailey Rd (Giraudo Rd to Cummings Valley Rd 1.5 mi.		
Golden Hills - class II	County area	Banducci Rd (Comanche Point Rd to Pellisier Rd) 2.5 mi.		
Golden Hills - class II	County area	Banducci Rd (SR 202 to Highline Rd) 0.2 mi.		
Golden Hills - class II	County area	Golden Hills Bl. (Santa Barbara Dr to Highline Rd 1.1 mi.		
Golden Hills - class II	County area	Old Town Rd (Mariposa Rd to Tehachapi Rd) 0.7 mi.		
Golden Hills - class II	County area	SR 202 (Bear Valley Rd to Woodford Tehachapi Rd) 5.7 mi.		
Golden Hills - class II	County area	SR 202 Valley Bl (Tucker Rd to Woodford Tehachapi Rd 1.5 mi.		
Golden Hills - class II	County area	Woodford Tehachapi Rd (202 Valley Bl to Highline Rd) 1 mi.		
Golden Hills - class II	County area	Cummings Valley Rd (Bailey Rd to Bear Valley Rd 1 mi.		2023
Golden Hills - class II	County area	Cummings Valley Rd (Bailey Rd to SR 202) 0.4 mi.		2023
Golden Hills - class II	County area	Highline Rd (Tucker Rd to Banducci Rd) 3.1 mi.		2023
Golden Hills - class III	County area	Stallion Springs Rd/Comanche Point Rd (Banducci Rd to Banducci Rd) 3.1 mi.		
Wasco - Caltrans shoulder	County area	Hwy 46 (Gun Club Rd to Magnolia Av) 8 mi.		2023
Wasco - class I shared use path	Incorporated	Filburn/McCombs Path (I-5 N to SR 43) 22.6 mi.		
Wasco - class I shared use path	Incorporated	Wasco Av & SR 46 (Filburn Av to Palm Av) 2.5 mi.		
Wasco - class I shared use path	Incorporated	Filburn/Central Av Path (Palm Av to North Palm Av) 2.5 mi.		2023
Wasco - class II	County area	Central Av (Filburn Av to Kimberlina Rd) 1.5 mi.		
Wasco - class II	County area	Kimberlina Rd (Magnolia Av to Shafter Av) 5.1 mi.		
Wasco - class II	County area	Magnolia Av (McCombs Rd to Kimbelina Rd) 4 mi.		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Non-motorized (continued)

Project	Location	Scope	YOE Cost	Completed
Wasco - class II bike ln	Incorporated	6th St (Broadway St to D St) .1 mi.		
Wasco - class II bike ln	Incorporated	Central Av (Filburn St to Jackson St) .5 mi.		
Wasco - class II bike ln	Incorporated	Central Av (Flower St to Poso Av) .3 mi.		
Wasco - class II bike ln	Incorporated	D St (Filburn St to 4th St) 1.3 mi.		
Wasco - class II bike ln	Incorporated	E St (6th St to SR 46) .4 mi.		
Wasco - class II bike ln	Incorporated	Filburn St (Central Av to G St) 1.4 mi.		
Wasco - class II bike ln	Incorporated	Jackson St (Central Av to Shared Use Path) 1.5 mi.		
Wasco - class II bike ln	Incorporated	SR 46 (East City Limits to SR 43) .6 mi.		2023
Wasco - class II buffered bike ln	Incorporated	4th St (F St to G St) .1 mi.		
Wasco - class II buffered bike ln	Incorporated	6th St (D St to Wasco Av) .5 mi.		
Wasco - class II buffered bike ln	Incorporated	Central Av (Paso Robles Hwy SR 46 to Posos Av) 1. mi.		
Wasco - class II buffered bike ln	Incorporated	Palm Av (Gromer Av to Jackson St) 2.5 mi.		
Wasco - class II buffered bike ln	Incorporated	Poplar Av (Filburn St to Sunset St) .8 mi.		
Wasco - class II buffered bike ln	Incorporated	7th St (Central Av to Griffith Av) 1. mi.		2023
Wasco - class III bike bl	Incorporated	16th St (Shamrock Ct to G St) .5 mi.		
Wasco - class III bike bl	Incorporated	1st St (Peters St to E St) .9 mi.		
Wasco - class III bike bl	Incorporated	5th St (Woodside Dr to G St) 1.4 mi.		
Wasco - class III bike bl	Incorporated	7th St (G St to Griffith Av) .5 mi.		
Wasco - class III bike bl	Incorporated	9th Pl (Beckes St to D St) 1. mi.		
Wasco - class III bike bl	Incorporated	9th St (G St to D St) .2 mi.		
Wasco - class III bike bl	Incorporated	Beckes St (Camellia St to SR 46) 1.2 mi.		
Wasco - class III bike bl	Incorporated	Krista St (Beckes St to Central Av) .3 mi.		
Wasco - class III bike bl	Incorporated	Poplar Av (Sunset Av to SR 46) .7 mi.		
Wasco - class IV cycle track	Incorporated	SR 46 (Central Av to F St) 1.4 mi.		
Wasco - class IV cycle track	Incorporated	SR 43 (Paso Robles Hwy SR 46 to Filburn St) 1.5 mi.		
Wasco - complete streets	Incorporated	Griffith St (Gromer Av to Jackson St) 2.5 mi.		
Weldon - Caltrans shoulder	County area	SR 178 (Kelsy Valley Creek Rd to Kelso Valley Rd) 1.2 mi.		
Weldon - class II	County area	Kelso Valley Rd (SR 178 to Adams Dr) 1.8 mi.		
Weldon - class III	County area	Kelso Valley Rd/Kelso Creek Rd (SR 178 to Loops Back to SR 178) 9.7mi.		
Various locations	Metro. Bak.	Improve non-motorized access to High Speed Rail Station		
Various locations	**Countywide**	**Construct Pedestrian Enhancement Improvements**	**77,500,000**	
Various locations	**Countywide**	**Construct Complete Streets Improvements**	**261,000,000**	
		Sub-total	**$424,000,000**	

2025 through 2049 - Freight Rail

Project	Location	Scope	YOE Cost	Project ID	Start
Freight Rail	Tehachapi	Double-track sections (Bakersfield to Mojave - Phase 2	$90,000,000		
Freight Rail	Shafter/Baksfld.	Intermodal Rail Facility - Phase 3	$60,000,000		
Freight Rail	County/Mojave	Mojave Inland Port Intermodal Rail Facility - Phase 3	$300,000,000		
Freight Rail	Countywide	Private Sector Rail Network Improvments	$50,000,000		
		(Information only) Sub-total	**$500,000,000**		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2029 - Major Hwy Improvements

Project	Location		YOE Cost	Project ID	Start Const.
~~Route 46~~	~~Lost Hills~~	~~Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4B~~ **COMPLETE**	~~40,000,000~~	~~KER08RTP018~~	~~2022~~
Route 46	Lost Hills	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4C	37,000,000	KER08RTP018	2025
Route 58	Metro Bkfd	Rosedale Hwy @ Minkler Spur / Landco - construct grade separation	27,000,000	KER08RTP118	2026
Route 58	County	General Beale Rd to E. of Broome Rd - Construct truck climbing lanes	99,000,000	KER22RTP006	2025
Route 58	County	SR 58 OC to Edwards Air Force Base OC - improve access to EAFB (Phase 1)	40,000,000	KER22RTP007	2027
Route 65	Metro Bkfd	James Rd to Merle Haggard Dr - safety widening, traffic flow improvements	3,000,000	KER08RTP094	2025
Route 99	Bakersfield	Olive Drive - construct interchange upgrades	6,100,000	KER08RTP091	2026
Route 184	Metro Bkfd	At Union Pacific Railroad - construct grade separation	26,400,000	KER08RTP108	2026
Route 204	Bakersfield	F St - construct interchange	61,700,000	KER08RTP081	2025
Centennial Corridor	Bakersfield	At Rte 99 & 58 – Construct operational improvements	100,000,000	KER22RTP003	2025
Centennial Corridor	Bakersfield	Stockdale Hwy (SR 43 to Heath Rd - safety widening, traffic flow impvmts.	59,000,000	KER22RTP005	2026
Cherry Av	Bksfld/Shafter	Intermodal Rail Freight Hub Connector Improvements - Phase I	50,000,000	KER23RTP???	2027
Hageman Flyover	Bakersfield	Knudsen Dr to Rt 204 - construct extension	68,900,000	KER08RTP013	2025
		Sub-total	**$637,100,000**		

2030 through 2034 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - safety widening, traffic flow improvements (Ph. 2)	42,000,000	KER08RTP017	2031
Route 119	Taft	Cherry Ave to Elk Hills Rd - safety widening, traffic flow impvmts. (Ph. 1 bypass)	115,000,000	KER08RTP022	2031
Route 178	Metro Bkfd	Near Oswell St to Vineland Rd - safety widening, traffic flow improvements	17,000,000	KER08RTP111	2031
Route 184	Bakersfield	Morning Dr to Rt 178 - safety widening, traffic flow improvements	5,000,000	KER08RTP101	2032
		Sub-total	**$397,293,000**		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2035 through 2039 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - safety widening, traffic flow improvements (Ph. 3)	$32,000,000	KER08RTP024	2036
Route 58	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	$32,600,000	KER08RTP103	2036
Route 58	Bakersfield	Union Ave to Fairfax Rd - safety widening, traffic flow improvements	47,400,000	KER08RTP093	2036
Route 99	Bakersfield	Beardsley Canal to 7th Standard Rd - safety widening, traffic flow improvements	90,800,000	KER08RTP138	2036
Route 99	Bakersfield	At Olive Drive - reconstruct interchange	108,000,000	KER08RTP021	2036
Route 99	Bakersfield	At Snow Rd - construct new interchange	138,200,000	KER08RTP115	2036
Route 99	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	37,000,000	KER08RTP105	2036
Route 119	Metro Bkfd	I-5 to Buena Vista - safety widening, traffic flow improvements	31,300,000	KER08RTP099	2036
Route 178	Bakersfield	At Rt 204 and 178 - reconstruct ramps (HOV - ramp metering)	50,000,000	KER08RTP085	2036
Route 178	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	37,000,000	KER08RTP106	2036
Route 178	Bakersfield	Existing west terminus to Oswell St - safety, traffic flow improvments (HOV)	140,500,000	KER08RTP026	2036
Route 184	Lamont/Fuller Acres	Panama Rd to Rt 58 - safety widening, traffic flow improvements	10,500,000	KER08RTP100	2036
Route 184	Bakersfield	Rt 58 to Rt 178 - safety widening, traffic flow improvements	90,000,000	KER08RTP045	2036
Route 204	Bakersfield	Airport Drive to Rt 178 - safety widening, traffic flow improvements	55,000,000	KER08RTP083	2036
7th Standard Rd	Shafter/Bkfd	Rt 43 to Santa Fe Wy - safety widening, traffic flow improvements	14,000,000	KER08RTP113	2036
West Urban Corridor	Metro Bkfd	White Lane to Westside Parkway - construct new facility	115,793,000	KER08RTP139	2036
West Urban Corridor	Metro Bkfd	Rosedale Hwy to 1/2 mile north of 7th Standard Rd - construct new facility	115,793,000	KER08RTP102	2035
West Urban Corridor	Metro Bkfd	Rosedale Hwy to Westside Parkway - construct new facility	93,500,000	KER08RTP016	2035
		Sub-total	**$1,239,386,000**		

2040 through 2049 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 119	Taft	Elk Hills - County Rd to Tupman Ave - safety widening, traffic flow impvmts. (Ph. 2)	48,000,000	KER08RTP086	2046
Route 178	Metro Bkfd	Vineland to E. of Alfred Harrell Hwy - new freeway segment, interchange	119,000,000	KER08RTP025	2046
Route 178	Bakersfield	Miramonte to Rancheria - safety widening, traffic flow improvements	19,800,000	KER08RTP084	2046
US 395	Ridgecrest	Between Rt 178 and China Lake Blvd - construct passing lanes	20,000,000	KER08RTP089	2046
West Urban Corridor	Metro Bkfd	Taft Hwy to White Lane - construct new facillity	90,000,000	KER08RTP097	2046
		Sub-total	**$296,800,000**		
		Total Major Hwy Improvements	**$2,203,286,000**		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Local Streets and Roads

Project	Location	Scope	YOE Cost	Project ID	Start
Various Locations	Metro Bkfd	Bridge and street widening; reconstruction	$540,000,000		
Various Locations	Metro Bkfd	Signalization	15,000,000		
Various Locations	Rosamond	Street widening; signalization	112,000,000		
Various Locations	Countywide	Transportation Control Measures	386,000,000		
Various Locations	Countywide	Bridge and street widening; reconstruction; signalization	632,000,000		
		Sub-total	**$1,685,000,000**		

* Note: Adjustments to programming were made regarding the overlap of HOV related improvements listed separately (regionally significant Hwy improvements.

2025 through 2049 - Summary of Constrained Projects

Program Category	Totals
Transit / Rail / High Speed Rail	**2,072,200,000**
Operational Improvements - HOV Lanes / Ramp Metering	**297,000,000**
Pedestrian Complete Streets and Bicycle Improvements	**424,000,000**
Local Streets and Rds	**1,685,000,000**
Major Hwy Improvements 2025-2029	**$637,100,000**
Major Hwy Improvements 2030-2049*	**1,751,186,000**
Freight Rail	**500,000,000**
Grand Total	**$6,976,486,000**

2025 STATUS: 1) EXPECTED TO BE CONSTRUCTED; 2) UNDER CONSTRUCTION; OR 3) CONSTRUCTED

STATUS	Project	Location	Scope	YOE Cost	Project ID	Start
1	Freight Rail	Tehachapi	Double-track sections (Bakersfield to Mojave	$111,700,000		2017
1	Freight Rail	Shafter	Shafter Intermodal Rail Facility Phase II - Container Yard	30,000,000		2017
3	Route 99	Metro Bkfd	Hosking Ave - construct interchange	31,000,000	KER08RTP009	2014
3	Route 58	Metro Bkfd	Rosedale Hwy - Calloway Dr to Rt 99 - widen existing Hwy	29,000,000	KER08RTP007	2014
2	Route 46	Lost Hills	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4A	27,000,000	KER14RTP001	2016
3	Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase1)	42,000,000	KER08RTP006	2016
3	Route 178	Bakersfield	Vineland Rd to east of Miramonte Dr - widen existing Hwy	54,000,000	KER08RTP011	2014
3	24th St Improve	Bakersfield	Rt 178 (24th/23rd St) (SR-99 to M Street - widen existing Hwy	55,000,000	KER08RTP014	2015
				$379,700,000		

TABLE 5.2 - Unconstrained Program of Projects

Beyond 2049 - Transit

Project	Location	Scope	YOE Capital Cost
Local Passenger Rail	Shafter, Bakersfield	Amtrak San Joaquins stop in North/West Bakersfield - platform, track turnout , park&ride, ticket both, RoW (2012 Commuter Rail Study)	$5,000,000
Local Passenger Rail	Shafter, Bakersfield	Up to 4 Amtrak San Joaquins stops on BNSF - platform, track turnout , park&ride, ticket both, RoW (2012 Commuter Rail Study)	$20,000,000
Local Passenger Rail	Wasco, Bakersfield	Positive Train Control Port Chicago - Bakersfield (Draft 2012 State Rail Plan)	$24,000,000
Local Passenger Rail	Shafter, NW Bakersfield	Double Track BNSF Jastro/Landco to Shafter (Draft 2012 State Rail Plan)	$71,300,000
Local Passenger Rail	Shafter, Wasco	Double Track BNSF Shafter to Wasco (Draft 2012 State Rail Plan)	$37,000,000
Local Passenger Rail	NW Bakersfield	Jastro Curve Realignment (Draft 2012 State Rail Plan)	$50,000,000
Local Passenger Rail	Wasco, Bakersfield	Corridor Wide Signal Upgrades to 90 MPH - Oakland to Bakersfield (Draft 2012 State Rail Plan)	$55,000,000
Local Passenger Rail	Wasco, County	Double Track BNSF Wasco to Corcoran (Draft 2012 State Rail Plan)	$200,000,000
Local Passenger Rail	Eastern California	Mammoth Lakes to Lancaster/Palmdale (2005 E. Sierra Public Transit Study)	$3,335,000,000
Local Passenger Rail	Metro Bakersfield	Rail Connections to High Speed Rail Station	$200,000,000
Commuter Rail	Buttonwillow, SW Bakersfield	Metro/Southwest Corridor (2012 Commuter Rail Study)	$158,300,000
Commuter Rail	Arvin, Lamont, SE Bakersfield	Metro/Southeast Corridor (2012 Commuter Rail Study)	$162,400,000
Commuter Rail	Wasco, Shafter, NW Bakersfield	Metro/Northwest Corridor (2012 Commuter Rail Study)	$220,600,000
Commuter Rail	Mojave, Cal City, Tehachapi	Metrolink Service Extension - Tehachapi Corridor (2012 Commuter Rail Study)	$231,300,000
Commuter Rail	Delano, McFarland	Metro/Airport, Delano Corridor (2012 Commuter Rail Study)	$317,800,000
Light Rail	Bakersfield	Metropolitan Bakersfield Light Rail System (2012 Long Range Transit Plan)	$4,000,000,000
High Speed Rail	Kern, L.A. County	Northwest of Bakersfield to Palmdale (potential *early* initial operating segment from Madera to Palmdale Metrolink Service)	$20,000,000,000
		Sub-total	**$29,087,700,000**

TABLE 5.2 - Unconstrained Program of Projects Continued

Beyond 2049 - Freight rail

Project	Location	Scope	YOE Cost	Project ID
Intermodal hub	Delano	RailEx Expansion Phase 3 (Draft SJV Interregional Goods Movement Plan IGM)	$20,000,000	
Intermodal hub	Shafter	Shafter Inland Port Phases 2 & 3 (Draft SJV IGMP)	$60,000,000	
shortline rail	Delano, Shafter, McFarland	Shortline Rail Rehabilitation and Gap Closure (Draft SJV IGMP)	$100,000,000	
shortline rail	Bakersfield	SJVR - Expand Bakersfield Yard Capacity (Draft SJV IGMP)	$250,000,000	
shortline rail	Arvin, Tejon, Buttonwillow	SJVR - Shortline Rail Improvments (Draft SJV IGMP)	$100,000,000	
shortline rail	Mojave	Mojave - Airport Rail Access Improvements (Draft SJV IGMP)	$3,000,000	
		Sub-total	**$533,000,000**	

Beyond 2049 - Active Transportation

Project	Scope	YOE Cost	Project ID
Future long-range non-motorized updates for bicycle and pedestrian related infrastructure may indicate a greater need for capital improvements. During the life of this plan, current expectations may be met as outlined in recent long-range bike and pedestrian studies and reflected in Table 5.1. Should these expectations change in the future this plan will be updated.			
	Sub-total	**$0**	

Beyond 2049 - Aviation

Airport	Scope	YOE Cost	Project ID
Bakersfield Municipal	Capital Improvements	$5,698,350	
California City Municipal	Capital Improvements	$4,799,107	
Delano Municipal	Capital Improvements	$1,170,000	
Elk Hills - Buttonwillow	Capital Improvements	$0	
Inyokern	Capital Improvements	$16,645,000	
Kern Valley	Capital Improvements	$5,215,000	
Lost Hills - Kern County	Capital Improvements	$0	
Meadows Field	Capital Improvements	$54,633,336	
Mojave Air and Space Port	Capital Improvements	$102,341,722	
Poso - Kern County	Capital Improvements	$460,000	
Shafter - Minter Field	Capital Improvements	$8,280,000	
Taft	Capital Improvements	$2,052,000	
Tehachapi Municipal	Capital Improvements	$9,860,000	
Wasco - Kern	Capital Improvements	$0	
	Sub-total	**$211,154,515**	

TABLE 5.2 - Unconstrained Program of Projects Continued

Major Highway Improvements

Project	Location	Scope	YOE Cost	Project ID
Beyond 2049 - Major Highway Improvements				
Interstate 5	Kern	From Fort Tejon to Rt 99 - widen to ten lanes	$86,000,000	KER08RTP027
Interstate 5	Kern	Grapevine interchange - construct new interchange / relocate weigh station	$176,000,000	KER18RTP004
Interstate 5	Kern	Laval Road - interchange improvements	$4,000,000	KER18RTP005
Interstate 5	Kern	7th Standard Rd Interchange - reconstruct	54,000,000	KER08RTP028
Route 14	Kern	Purdy Rd - interchange & grade separated overpass at UPRR Xing	60,000,000	KER22RTP008
Route 14	Kern	Silver Queen / Backus / Dawn Rd - grade separated overpass at UPRR Xing	120,000,000	KER22RTP009
Route 33	Maricopa	Welch St to Midway Rd - widen to four lanes	88,000,000	KER08RTP029
Route 43	Shafter	7th Standard Rd to Euclid Ave - widen to four lanes	37,000,000	KER08RTP030
Route 46	Wasco	I-5 to Jumper Ave - widen to four lanes	118,000,000	KER08RTP031
Route 46	Wasco	Jumper Ave (North) to Rt 43 - widen to four lanes	130,000,000	KER08RTP079
Route 46	Wasco	Rt 46 @ BNSF - construct grade separation	39,500,000	KER08RTP119
Route 46	Kern	Near Lost Hills at Interstate 5 - upgrade and widen interchange	130,000,000	KER08RTP033
Route 46	Wasco	Rt 43 to Rt 99 - widen to four lanes	70,000,000	KER08RTP032
Route 58	Kern	Rosedale Highway - I-5 to Rt 43 - widen to four lanes	31,000,000	KER08RTP038
Route 58	Bakersfield	Future Rt 58 from I-5 to Heath Rd at Stockdale Hwy - construct new freeway	500,000,000	KER08RTP114
Route 58	Tehachapi	Dennison Rd - construct interchange	33,000,000	KER08RTP036
Route 58	Bakersfield	Near General Beale Rd - new truck weigh station	11,000,000	KER08RTP034
Route 58	Kern/Tehachapi	West of Tehachapi to General Beale Rd - truck auxillary lanes / escape ramp	86,000,000	KER08RTP035
Route 58	Bakersfield	General Beale Rd - construct new interchange	54,000,000	KER08RTP037
Route 58	Tehachapi	E. Tehachapi Blvd. - Construct Interchange operational / safety Improvements	18,000,000	KER22RTP005
Route 58	California City	Business 58 OC to Edwards Air Force Base OC - convert to freeway	112,000,000	KER22RTP004
Route 65	Kern	Merle Haggard Dr to County Line - widen to four lanes	216,000,000	KER08RTP039
Route 99	McFarland	Construct new interchange at Hanawalt	88,811,000	KER18RTP001
Route 99	County/Bkfd	Rt 99 @ Minkler Spur - construct grade separation	69,000,000	KER08RTP134
Route 99	County/Bkfd	7th Standard Road to Lerdo Highway - widen to 8 lanes	90,000,000	KER18RTP003
Route 119	Taft	Rt 33 to Cherry Ave - widen to four lanes	54,000,000	KER08RTP040
Route 119	Taft	Tupman Rd to I-5 - widen to four lanes	60,000,000	KER08RTP041
Route 155	Delano	Rt 99 to Browning Rd - four lanes; reconstruct	32,000,000	KER08RTP042
Route 155	Delano	Rt 155 @ UPRR - construct grade separation	39,500,000	KER08RTP120
Route 166	Maricopa	Basic School Rd - reconstruct intersection grade	517,582	KER08RTP043
Route 178	Kern Canyon	Vineland to China Garden - new freeway	500,000,000	KER08RTP044
Route 204	Bakersfield	(Golden State Ave) Rt 99 to M St - construct operational improvements	100,000,000	KER08RTP082
Route 202	Tehachapi	Tucker to Woodford-Tehachapi Rd - widen to four lane	9,704,661	KER08RTP047
Route 223	Near Arvin	Rt 99 to Rt 184 - widen to four lanes	69,010,921	KER08RTP048
Route 223	Arvin	East Arvin city limits to Rt 58 - widen to four lanes	64,697,738	KER08RTP049

TABLE 5.2 - Unconstrained Program of Projects Continued

Major Highway Improvements

Project	Location	Scope	YOE Cost	Project ID
Beyond 2049 - Major Highway Improvements				
US 395	Johannesburg	San Bdo County Line to Rt 14 - widen to four lanes	244,000,000	KER08RTP050
Southern Urban Corridor	Bakersfield	I-5 to Rt 58 - new facility	$610,000,000	KER08RTP074
Santa Fe Way	Bakersfield	Hageman to Los Angeles Ave - widen to four lanes	127,238,885	KER08RTP051
Eastern Urban Corridor	Bakersfield	Rt 58 to Morning Drive - construct new facility	200,000,000	KER08RTP078
Beale Road	Bakersfield	L St/Beale @ BNSF - construct grade separation	69,000,000	KER08RTP127
Q Street	Bakersfield	Q St @ UPRR near Golden State Hwy - construct grade separation	59,000,000	KER08RTP136
Comanche Drive	Cnty/Bkfd	Comanche Dr. @ UPRR - construct grade separation	59,000,000	KER08RTP123
Olive Drive	County/Bkfd	Olive Dr. @ UPRR - construct grade separation	69,000,000	KER08RTP129
Renfro Road	County/Bkfd	Renfro Rd @ BNSF - construct grade separation	59,000,000	KER08RTP130
California City Blvd	California City	Rt 14 east six miles - widen to four lanes	22,000,000	KER08RTP052
Twenty Mule Team Rd	California City	California City Blvd to Rt 58 - widen to four lanes	21,565,913	KER08RTP053
North Gate Road	California City	California City Blvd to North Edwards - construct new four lane road	60,384,555	KER08RTP054
Woollomes Ave.	Delano	Rt 99 - widen bridge to four lanes; reconstruct ramps	134,000,000	KER08RTP056
Garces Highway	Delano	Interstate 5 to Rt 99 - widen to four lanes	288,983,230	KER08RTP057
Cecil Ave.	Delano	Wasco Pond Rd to Albany St - widen to four lanes	17,800,000	KER08RTP055
Kimberlina Road	Kern / Wasco	Kimberlina Rd @ BNSF - construct grade separation	59,000,000	KER08RTP132
Red Apple Rd	Kern	Tucker Rd to Westwood Blvd - widen to four lanes	4,313,183	KER08RTP058
Sierra Way	Kern	Lake Isabella at South Fork Bridge - reconstruct bridge	51,758,190	KER08RTP059
Frazier Park	Kern	Park and Ride facility near Frazier Park Blvd	12,939,548	KER08RTP060
Wheeler Ridge Rd	Kern	I-5 to Rt 223 - widen to four lanes	129,395,476	KER08RTP061
K Street	Kern	Mojave - extend K St to Rt 14	12,939,548	KER08RTP063
Kratzmeyer Road	Kern	Kratzmeyer Rd @ BNSF - construct grade separation	59,000,000	KER08RTP128
Airport Drive	Kern	Airport Dr. @ UPRR - construct grade separation	69,000,000	KER08RTP131
Rosamond Blvd	Kern	Rosamond Blvd @ UPRR - construct grade separation	69,000,000	KER08RTP133
K Street	Kern / Mojave	K St @ UPRR - construct grade separation	69,000,000	KER08RTP135
Elmo Highway	McFarland	Elmo Hwy @ UPRR - construct grade separation	69,000,000	KER08RTP124
Dennison Road	Tehachapi	Green St/ Dennison Rd @ UPRR - construct grade separation	69,000,000	KER08RTP121
Teh. Willow Springs Rd	Tehachapi	Rt 58 to Rosamond Blvd - widen to four lanes	150,961,389	KER08RTP064
Valley Blvd	Tehachapi	Tucker Rd to Curry St - widen to four lanes	23,722,504	KER08RTP065
Kern Ave.	McFarland	Pedestrian bridge at Rt 99 - reconstruct	5,391,470	KER08RTP066
Mahan St	Ridgecrest	Inyokern to South China Lake Blvd - widen to four lanes	32,348,869	KER08RTP067
Richmond Rd	Ridgecrest	E Ridgecrest Blvd - widen to four lanes	6,469,774	KER08RTP068
Bowman Rd	Ridgecrest	China Lake to San Bernardino Blvd - reconstruct	4,313,183	KER08RTP069

TABLE 5.2 - Unconstrained Program of Projects Continued

Major Highway Improvements

Project	Location	Scope	YOE Cost	Project ID
Beyond 2049 - Major Highway Improvements				
S. China Lake Blvd	Ridgecrest	Rt 395 to College Heights - reconstruct	$36,662,052	KER08RTP070
Lerdo Highway	Shafter	Lerdo Hwy / Beech Ave @ BNSF - construct grade separation	69,000,000	KER08RTP125
Burbank Street	Shafter	Burbank St @ BNSF - construct grade separation	59,000,000	KER08RTP126
7th Standard Rd	Shafter	I-5 to Santa Fe Way - widen to four lanes	90,576,833	KER08RTP072
Zachary Rd	Shafter	7th Standard Rd to Lerdo Hwy - widen to four lanes	34,505,460	KER08RTP073
North Urban Corridor	Shafter	I-5 to SR 65 - Burbank Street Alignment - construct new highway	500,000,000	KER18RTP002
West Urban Corridor	South metro	Taft Hwy to I-5 - extend facility	100,000,000	KER08RTP075
West Urban Corridor	North metro	7th Standard Rd to Rt 99 -extend facility	100,000,000	KER08RTP076
		Sub-total	**$7,279,011,961**	

Beyond 2049 - Local Streets and Roads

Project	Location	Scope	YOE Cost	Project ID
Various Locations	Region	Bridge and street widening; reconstruction; signalization	$500,000,000	
		Sub-total	**$500,000,000**	

Beyond 2049 - Summary of Unconstrained Projects

Program Category		Totals
Major Highway Improvements	**$**	**7,279,011,961**
Local Streets and Roads	**$**	**500,000,000**
Transit	**$**	**29,087,700,000**
Active Transportation	**$**	**-**
Aviation	**$**	**211,154,515**
Grand Total	**$**	**37,077,866,476**

KERN COUNTY SUBAREA SUMMARY

County Subarea				
RTP 20+ Year Expenditure Program Summary By Subarea Together with Forecast of Existing and Potential New Funding Sources		**Year of Expenditure (YOE) with new revenue**	**Percent of expendi-tures county-wide[1]**	**Leveraged cost savings from maintenance /inflation2**
		Over 20 Year Period ($ estimates x 1,000)		
Countywide				
Early Expenditures	**Fix-It-First, Keep-It-Local / Cost-Efficient**	**$4,129,291**	**48.3%**	**$1,940,767**
	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control Measures (TCMs)			
	Advanced Tech, Safe, Clean Transportation	**$1,347,892**	**15.8%**	**$0**
	safer; healthy; efficient; air quality; pedestrian; bicycle; senior/disabled and advanced tech transit; transportation enhancements			
	Ready-To-Go, Regional Projects	**$3,073,262**	**35.9%**	**$504,491**
	first 1-15 years of the plan - Includes major roadway and other major projects funded in the RTP ready or nearing readiness			
	Early Expenditures Subtotal (fully funded)	**$8,550,445**	**100.0%**	**$2,445,258**
	Next-In-Line, Regional Projects	**$9,887,089**		**$3,273,047**
	reinvests anticipated cost savings as projects are environmentally cleared, designed and made ready; unfunded projects identified in the RTP/CIP			
	[1]Total Expenditure Plan	**$18,437,534**		**$5,718,305**

Subareas

Arvin-Lamont				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$218,070		$102,493
	Advanced Tech, Safe, Clean Transportation	$71,654		$0
	Ready-To-Go, Regional Projects Benefiting Subarea	$240,826		$37,374
	Early Expenditures Subtotal	**$530,550**	**6.2%**	**$139,867**
	Next-In-Line, Regional Projects Benefiting Subarea	$467,180		$150,924
	[1]All Projects Benefiting Subarea	**$997,731**	**5.4%**	**$290,791**
	Share of County Population		4.5%	
Frazier Park				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$69,829		$32,820
	Advanced Tech, Safe, Clean Transportation	$15,448		$0
	Ready-To-Go, Regional Projects Benefiting Subarea	$144,548		$67,219
	Early Expenditures Subtotal	**$229,825**	**2.7%**	**$100,039**
	Next-In-Line, Regional Projects Benefiting Subarea	$167,692		$113,519
	[1]All Projects Benefiting Subarea	**$397,517**	**2.2%**	**$213,557**
	Share of County Population		1.0%	
Indian Wells Valley				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$164,077		$77,116
	Advanced Tech, Safe, Clean Transportation	$45,689		$0
	Ready-To-Go, Regional Projects Benefiting Subarea	$274,316		$52,684
	Early Expenditures Subtotal	**$484,082**	**5.7%**	**$129,800**
	Next-In-Line, Regional Projects Benefiting Subarea	$585,900		$188,929
	[1]All Projects Benefiting Subarea	**$1,069,982**	**5.8%**	**$318,729**
	Share of County Population		4.1%	
Lake Isabella				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$213,806		$100,489
	Advanced Tech, Safe, Clean Transportation	$22,837		$0
	Ready-To-Go, Regional Projects Benefiting Subarea	$346,731		$70,969
	Early Expenditures Subtotal	**$583,375**	**6.8%**	**$171,458**
	Next-In-Line, Regional Projects Benefiting Subarea	$568,200		$183,558
	[1]All Projects Benefiting Subarea	**$1,151,575**	**6.2%**	**$355,016**
	Share of County Population		2.0%	

KERN COUNTY SUBAREA SUMMARY

County Subarea				
RTP 20+ Year Expenditure Program Summary By Subarea Together with Forecast of Existing and Potential New Funding Sources		**Year of Expenditure (YOE) with new revenue**	**Percent of expendi-tures county-wide[1]**	**Leveraged cost savings from maintenance /inflation2**
		Over 20 Year Period ($ estimates x 1,000)		
Metro Bakersfield				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$1,873,539		$880,563
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$892,357		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$2,440,239		$340,447
Early Expend.	**Early Expenditures Subtotal**	**$5,206,134**	**60.9%**	**$1,221,011**
	Next-In-Line, Regional Projects Benefiting Subarea	$6,154,188		$2,013,585
	[1]All Projects Benefiting Subarea	**$11,360,322**	**61.6%**	**$3,234,596**
	Share of County Population		61.5%	
North Kern				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$795,940		$374,092
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$160,515		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$328,521		$92,464
Early Expend.	**Early Expenditures Subtotal**	**$1,284,975**	**15.0%**	**$466,556**
	Next-In-Line, Regional Projects Benefiting Subarea	$2,168,193		$702,460
	[1]All Projects Benefiting Subarea	**$3,453,168**	**18.7%**	**$1,169,015**
	Share of County Population		14.8%	
Southeast Kern				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$356,667		$167,633
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$59,915		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$259,199		$47,801
Early Expend.	**Early Expenditures Subtotal**	**$675,781**	**7.9%**	**$215,434**
	Next-In-Line, Regional Projects Benefiting Subarea	$893,656		$268,968
	[1]All Projects Benefiting Subarea	**$1,569,437**	**8.5%**	**$484,402**
	Share of County Population		5.3%	
Taft-Maricopa				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$196,345		$92,282
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$31,292		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$229,616		$54,684
Early Expend.	**Early Expenditures Subtotal**	**$457,252**	**5.3%**	**$146,966**
	Next-In-Line, Regional Projects Benefiting Subarea	$1,125,511		$373,006
	All Projects in Subarea	$961,025		$309,711
	[1]All Projects Benefiting Subarea	**$1,582,764**	**8.6%**	**$519,972**
	Share of County Population		2.6%	
Tehachapi				
Early Expend.	**Fix-It-First, Keep-It-Local / Cost-Efficient**	$241,018		$113,279
Early Expend.	**Advanced Tech, Safe, Clean Transportation**	$48,185		$0
Early Expend.	**Ready-To-Go, Regional Projects Benefiting Subarea**	$220,971		$50,029
Early Expend.	**Early Expenditures Subtotal**	**$510,175**	**6.0%**	**$163,307**
	Next-In-Line, Regional Projects Benefiting Subarea	$1,478,246		$467,229
	[1]All Projects Benefiting Subarea	**$1,988,421**	**10.8%**	**$630,536**
	Share of County Population		4.3%	

[1]Projects Benefitting Subareas do not add to 100% because some projects benefit more than one subarea.

[2]Leveraged cost savings subject to amount of new revenue sources that become available.

ARVIN-LAMONT SUBAREA

Subarea Includes the City of Arvin, unincorporated communities (county areas) of Lamont, Di Georgio and Weedpatch		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new reven**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Arvin - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 13,392**	**$ 13,392**	**$ 6,294**
Arvin - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans	$ 40,340	$ 40,340	$ 18,960
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 30,276**	**$ 30,276**	**$ 14,230**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans	$ 103,807	$ 103,807	$ 48,789
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 30,256	$ 30,256	$ 14,220
Fix-It-First, Keep-It-Local / Cost-Efficier	**Sub-total Projects in Subarea**	**$ 218,070**	**$ 218,070**	**$ 102,493**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 184	Panama Rd to Rt 58 - widen to four lanes	$ 9,005	$ 10,500	$ 1,495
Route 184	[2]Morning Dr to Rt 178 - widen to four lanes	$ 4,459	$ 5,000	$ 541
Route 184	[2]At Union Pacific Railroad - construct grade separation	$ 23,865	$ 26,400	$ 2,535
Route 184	[2]Rt 58 to Rt 178 - widen to four lanes	$ 78,184	$ 90,000	$ 11,816
Route 119	[2]Cherry Ave to Elk Hills Rd (Phase 1, bypass) - widen to four lanes	$ 97,396	$ 115,000	$ 17,604
Route 119	[2]I-5 to Buena Vista - widen to four lanes	$ 27,916	$ 31,300	$ 3,384
Ready-To-Go, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 240,826**	**$ 278,200**	**$ 37,374**
Next-In-Line, Regional Projects				
Route 223	[1]Rt 99 to Rt 184 - widen to four lanes	$ 52,160	$ 69,011	$ 16,851
Wheeler Ridge Road	[1]I-5 to Rt 223 - widen to four lanes	$ 97,801	$ 129,395	$ 31,595
Route 223	East Arvin city limits to Rt 58 - widen to four lanes	$ 48,900	$ 64,698	$ 15,797
Route 184	[2]Rt 184 / Morning Dr. @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
East Beltway	[2]Rt 58 to Morning Drive - construct new expressway	$ 151,166	$ 200,000	$ 48,834
Interstate 5	[2]From Fort Tejon to Rt 99 - widen to ten lanes	$ 65,001	$ 86,000	$ 20,999
Next-In-Line, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 467,180**	**$ 618,104**	**$ 150,924**
Advanced Tech, Safe, Clean Transportation				
Arvin - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,875**	**$ 4,875**	**$ -**
Arvin - existing funds	Cost-efficient, safe, clean transportion	$ 20,487	$ 20,487	$ -
Arvin - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 4,919**	**$ 4,919**	**$ -**
Arvin - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 12,450**	**$ 12,450**	**$ -**
Arvin - Corridor Improvement	A St (Simpson St to Franklin St) .9 mi.	$ 235	$ 235	$ -
Arvin - Complete Streets	Comanche Dr (Varsity Av to Franklin St) 1.5 mi.	$ 863	$ 863	$ -
Arvin - Crossing Improvements	El Camino Real (S Comanche Rd to Tejon Hwy) 1. mi.	$ 86	$ 86	$ -
Arvin - High-Visibility Crosswalk	Franklin St - Meyer St	$ 11	$ 11	$ -
Arvin - Corridor Improvement	Franklin St (Walnut Dr to Tejon Hwy) .8 mi.	$ 209	$ 209	$ -
Arvin - Crossing Improvements	Haven Dr (Comanche Dr to Varsity Av) 1. mi.	$ 86	$ 86	$ -
Arvin - High-Visibility Crosswalk	Hood St - Butte Av	$ 11	$ 11	$ -
Arvin - High-Visibility Crosswalk	Hood St - Meyer St	$ 11	$ 11	$ -
Arvin - High-Visibility Crosswalk	Meyer St - Hanson Ln	$ 3	$ 3	$ -
Arvin - Crossing Improvements	Meyer St (Ellen Wy to El Camino Real) .2 mi.	$ 19	$ 19	$ -
Arvin - Sidewalk Improvement	Meyer St (Ellen Wy to Hwy 223) 1.3 mi.	$ 240	$ 240	$ -
Arvin - Crossing Improvements	Meyer St (Varsity Av to Hwy 223) .5 mi.	$ 42	$ 42	$ -
Arvin - Crossing Improvements	N Hill St (Varsity Av to Hwy 223) .5 mi.	$ 42	$ 42	$ -
Arvin - Crossing Improvements	Sycamore Rd (Comanche Dr to Tejon Hwy) 1. mi.	$ 87	$ 87	$ -
Arvin - Sidewalk Improvement	Tejon Hwy (Hwy 223 to Sycamore Rd) 1. mi.	$ 190	$ 190	$ -
Arvin - High-Visibility Crosswalk	Varsity Av - Shared-use Path	$ 3	$ 3	$ -
Arvin - Corridor Improvement	Varsity Av (Comanche Dr to Carmel St) .7 mi.	$ 191	$ 191	$ -
Arvin - Corridor Improvement	Walnut Dr (Bear Mountain Blvd to Olsen St) .8 mi.	$ 226	$ 226	$ -

Caltrans - Crossing Improvements	Bear Mountain Blvd (Comanche Dr to Derby St) 1. mi.	$ 86	$ 86	$ -
Arvin - Complete Streets/ITS Improve	Other Future developments funded by a transportation impact fee and mitigation	$ 9,810	$ 9,810	$ -
Arvin - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 3,119**	**$ 3,119**	**$ -**
Arvin - Class III Bike Route	5th Av (N Hill St to N A St) .1 mi.	$ 1	$ 1	$ -
Arvin - Class II Bike Ln	A St (Olson Wy to 5th Av) 1.1 mi.	$ 97	$ 97	$ -
Arvin - Complete Streets	Campus Dr (Grapevine Dr to Varsity Rd) .5 mi.	$ 284	$ 284	$ -
Arvin - Class III Bike Route	Campus Dr (Sunset Blvd to Richardson Rd) .5 mi.	$ 5	$ 5	$ -
Arvin - Class II Bike Ln	Comanche Dr (Mark St to Sycamore Rd) 1. mi.	$ 90	$ 90	$ -
Arvin - Class II Buffered Bike Ln	Franklin St (Walnut Dr to S Derby St) .8 mi.	$ 137	$ 137	$ -
Arvin - Class III Bike Route	Grapevine Dr (Campus Dr to N Hill St) .1 mi.	$ 1	$ 1	$ -
Arvin - Class II Bike Ln	Haven Dr (Comanche Dr to Tejon Hwy) 1. mi.	$ 91	$ 91	$ -
Arvin - Class II Bike Ln	Mark St (Comanche Dr to Walnut Dr) .2 mi.	$ 23	$ 23	$ -
Arvin - Class III Bike Route	Meyer St (El Camino Real to Sycamore Rd) .5 mi.	$ 5	$ 5	$ -
Arvin - Class II Bike Ln	Meyer St (Hwy 223 to Sycamore Rd) 1. mi.	$ 90	$ 90	$ -
Arvin - Class II Bike Ln	N Comanche St (Bear Mountain Rd to Varsity Av) .5 mi.	$ 44	$ 44	$ -
Arvin - Class III Bike Route	N Hill St (Grapevine Dr to 5th Av) .1 mi.	$ 1	$ 1	$ -
Arvin - Class I Shared Use Path	North City Path (Bear Mountain Blvd to Varsity Av) .5 mi.	$ 445	$ 30	$ (415)
Arvin - Class II Bike Ln	Olsen St (A St to Meyer St) .5 mi.	$ 46	$ 123	$ 77
Arvin - Class III Bike Route	Sycamore Rd (Comanche Dr to Rancho Dr) .5 mi.	$ 5	$ 5	$ -
Arvin - Class II Bike Ln	Sycamore Rd (Comanche Dr to Tejon Hwy) 1. mi.	$ 91	$ 91	$ -
Arvin - Class II Bike Ln	Sycamore Rd (Towerline Rd to Tejon Hwy) 1. mi.	$ 92	$ 92	$ -
Arvin - Class II Bike Ln	Tejon Hwy (Hwy 223 to Burkett Blvd) 2.5 mi.	$ 225	$ 225	$ -
Arvin - Class II Bike Ln	Varsity Av (N Comanche Dr to Tejon Hwy) 1. mi.	$ 91	$ 91	$ -
Arvin - Class II Bike Ln	Walnut Dr (W Sycamore Rd to Alderette Dr) 1.2 mi.	$ 110	$ 110	$ -
Caltrans - Class IV Cycle Track	Bear Mtn Blvd SR 223 (Tejon Hwy to Comanche Dr) 1. mi.	$ 303	$ 303	$ -
Caltrans - Class II Bike Ln	E Bear Mtn Blvd SR 223 (Comanche Dr to Union St) 12.6 mi.	$ 1,138	$ 1,138	$ -
Caltrans - Class II Bike Ln	SR 223 (Malovich Rd to Tejon Hwy) .5 mi.	$ 46	$ 46	$ -
County Areas -potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,350**	**$ 4,350**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 41,942	$ 41,942	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 10,048**	**$ 10,048**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 8,481**	**$ 8,481**	**$ -**
Caltrans - Corridor Improvement	Weedpatch Hwy (Brundage Ln to E Bear Mountain Blvd) 10. mi.	$ 2,763	$ 2,763	$ -
Kern County - Corridor Improvement	Hall Rd (San Emidio St to Habecker Rd) .5 mi.	$ 141	$ 141	$ -
Kern County - Corridor Improvement	Myrtle Av (Panama Ln to Wharton Av) .9 mi.	$ 259	$ 259	$ -
Kern County - Corridor Improvement	Panama Rd (Wible Rd to Main St) 7. mi.	$ 1,936	$ 1,936	$ -
Kern County - Corridor Improvement	San Diego St (Burgundy Av to Wharton Av) .7 mi.	$ 190	$ 190	$ -
Kern County - High-Visibility Crosswa	Wharton Av - Main St	$ 11	$ 11	$ -
Kern County - Corridor Imp. lights	Santa Ana St (Hall Rd to Wharton Av) .4 mi.	$ 118	$ 118	$ -
Kern County - Corridor Imp. lights	Santa Barbara St (Hall Rd to Wharton Av) .4 mi.	$ 119	$ 119	$ -
Kern County - Corridor Imp. lights	Santa Clara St (Hall Rd to Wharton Av) .4 mi.	$ 122	$ 122	$ -
Kern County - Sidewalk/Corridor Imp	Hope Ln (Tatum St to Habecker Rd) .1 mi.	$ 19	$ 19	$ -
Kern County - Sidewalk/Corridor Imp	Tatum St (Hope Ln to Hall Rd) .09 mi.	$ 19	$ 19	$ -
Kern County - Sidewalk/Corridor Imp	Wilson (Hope Ln to end of street) .04 mi.	$ 21	$ 21	$ -
Kern County - Sidewalk/Corridor Imp	Hall Rd (San Emidio to Habecker Rd) 1. mi.	$ 141	$ 141	$ -
Kern County - Sidewalk Improvement	Bonita Rd (Main St to Habecker Rd) .5 mi.	$ 97	$ 97	$ -
Kern County - Sidewalk Improvement	Buena Vista Blvd (May Street to Buena Vista Blvd Mobile Park) .7 mi.	$ 140	$ 140	$ -
Kern County - Sidewalk Improvement	Carnation Ave (Mc Kee Road to Panama Road) .5 mi.	$ 95	$ 95	$ -
Kern County - Sidewalk Improvement	Collision St (Main St to Carnation Av) .2 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Di Giorgio Rd (Fairfax Rd to Main St) 1. mi.	$ 190	$ 190	$ -
Kern County - Sidewalk Improvement	Di Giorgio Rd (Pierce Drive to Weedpatch Highway) .7 mi.	$ 143	$ 143	$ -
Kern County - Sidewalk Improvement	Dunnsmere St (San Diego Street to Weedpatch Highway) .2 mi.	$ 46	$ 46	$ -
Kern County - Sidewalk Improvement	Field St (Di Giorgio Rd to Tri Duncan Avenue) .5 mi.	$ 96	$ 96	$ -
Kern County - Sidewalk Improvement	Habecker Rd (Panama Rd to Segrue Rd) .7 mi.	$ 142	$ 142	$ -
Kern County - Sidewalk Improvement	Hall Rd (San Diego St to Main St) .3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Man O War St (Whirlaway St to Main St) .3 mi.	$ 59	$ 59	$ -
Kern County - Sidewalk Improvement	McKee Rd (Main St to Carnation Av) .3 mi.	$ 49	$ 49	$ -

Kern County - Sidewalk Improvement	Mtn View Rd (RR xing to Sherman Rd) .8 mi.	$ 146	$ 146	$ -
Kern County - Sidewalk Improvement	Panama Rd (Gilbert Street to Habecker Rd) .7 mi.	$ 133	$ 133	$ -
Kern County - Sidewalk Improvement	Panama Rd (Habecker Rd to Main St) .5 mi.	$ 98	$ 98	$ -
Kern County - Sidewalk Improvement	Reynolds St (Whirlaway St to Main St) .3 mi.	$ 56	$ 56	$ -
Kern County - Sidewalk Improvement	Segrue Rd (San Emidio St to Habecker Rd) 1. mi.	$ 181	$ 181	$ -
Kern County - Sidewalk Improvement	Montal St (CA-184 to Carnation Ave) 0.3 mi.	$ 49	$ 49	$ -
Kern County - Sidewalk Improvement	Bertal St (CA-184 to Carnation Ave) 0.3 mi.	$ 46	$ 46	$ -
Kern County - Sidewalk Improvement	Burger Way (San Diego St to San Fernando St) 0.1 mi.	$ 27	$ 27	$ -
Kern County - Sidewalk Improvement	Carnation Ave (Panama Rd to Collison St) 0.3 mi.	$ 660	$ 660	$ -
Kern County - Sidewalk Improvement	Collison St (CA-184 to Carnation Ave) 0.3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Emperor Ave (Howard to San Diego St) 0.1 mi.	$ 23	$ 23	$ -
Kern County - Sidewalk Improvement	Gilbert St (Emperor Ave to Panama Rd) 0.1 mi.	$ 25	$ 25	$ -
Kern County - Sidewalk Improvement	Howard St (Emperor Ave to Panama Rd) 0.1 mi.	$ 25	$ 25	$ -
Kern County - Sidewalk Improvement	Lana St (CA-184 to Carnation Ave) 0.3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Ribier Ave (San Emideo St to End of street) 0.1 mi.	$ 27	$ 27	$ -
Kern County - Sidewalk Improvement	San Diego St (Delight Ave to Burgundy Ave) 0.2 mi.	$ 190	$ 190	$ -
Kern County - Sidewalk Improvement	San Fernando St (Delight Ave to Mataro Ct) 0.2 mi.	$ 33	$ 33	$ -
Kern County - Sidewalk Improvement	San Gorgonio (Panama Rd to Delight Ave) 203 ft. mi.	$ 10	$ 10	$ -
Kern County - Sidewalk Improvement	Delight Ave (San Emideo St to San Diego St) 0.2 mi.	$ 40	$ 40	$ -
Kern County - Sidewalk Improvement	San Emidio St (Delight Ave to End of street) 0.2 mi.	$ 54	$ 54	$ -
Kern County - Sidewalk Improvement	Wharton Av (San Emidio St to Myrtle Av) .7 mi.	$ 132	$ 132	$ -
Kern County - Complete Streets/ITS I	Other Future developments funded by a transportation impact fee and mitigation	$ 2,185	$ 2,185	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 23,413**	**$ 23,413**	**$ -**
Caltrans - Bikeway Study	SR 184 (Panama Rd to Di Giorgio Rd) 1. mi.	$ 150	$ 150	$ -
Caltrans - Class II Bike Ln	Weedpatch Hwy SR 184 (Brundage Ln to Mtn View Rd) 5.3 mi.	$ 476	$ 476	$ -
Caltrans - Class I Shared Use Path	Weedpatch Hwy SR 184 (Mtn View Rd to Panama Rd) 1. mi.	$ 907	$ 907	$ -
Kern County - Class I Shared Use Path	Arvin Edison Canal (Green Garden Dr to Fairfax Rd) 8.8 mi.	$ 7,922	$ 7,922	$ -
Kern County - Class II Bike Ln	Buena Vista Blvd (Comanche Dr to Union Av) 9.1 mi.	$ 817	$ 817	$ -
Kern County - Class II Bike Ln	Comanche Dr (Muller Rd to Kern Canyon Rd) 5.9 mi.	$ 534	$ 534	$ -
Kern County - Class II Bike Ln	Comanche Dr (Panama Ln to Muller Rd) 7.5 mi.	$ 678	$ 678	$ -
Kern County - Class II Buffered Bike L	Cottonwood Rd (Casa Loma Dr to Panama Rd) 5. mi.	$ 900	$ 900	$ -
Kern County - Class II Buffered Bike L	Di Giorgio Rd (Pierce Dr to S Vineland Rd) 1.8 mi.	$ 320	$ 320	$ -
Kern County - Class II Bike Ln	Di Giorgio Rd (Union Av to Pierce Dr) 4.3 mi.	$ 384	$ 384	$ -
Kern County - Class II Bike Ln	DiGiorgio Rd (Vineland Rd to Comanche Dr) 3. mi.	$ 273	$ 273	$ -
Kern County - Class III Bike Route	Edison Rd (Edison Hwy to SR 223) 9.7 mi.	$ 87	$ 87	$ -
Kern County - Class III Bike Route	Fairfax Rd (Panama Rd to SR 223) 4. mi.	$ 36	$ 36	$ -
Kern County - Class II Buffered Bike L	Fairfax Rd (Wilson Rd to Panama Rd) 6.6 mi.	$ 1,185	$ 1,185	$ -
Kern County - Class III Bike Blvd	Habecker Rd (Panama Rd to Di Giorgio Rd) 1. mi.	$ 50	$ 50	$ -
Kern County - Class III Bike Blvd	Hall Rd (Main St to Habecker Rd) .4 mi.	$ 21	$ 21	$ -
Kern County - Class II Bike Ln	Hall Rd (SR 184 to Habecker Rd) .5 mi.	$ 46	$ 46	$ -
Kern County - Class II Bike Ln	Hermosa Rd (Fairfax Rd to Comanche Dr) 5. mi.	$ 453	$ 453	$ -
Kern County - Class II Bike Ln	Main St (DiGiorgio Rd to Bear Mountain Blvd) 3. mi.	$ 271	$ 271	$ -
Kern County - Class II Bike Ln	Mountain View Rd (Fairfax Rd to Comanche Dr) 5. mi.	$ 454	$ 454	$ -
Kern County - Class II Bike Ln	Muller Rd (Comanche Dr to Oswell St) 6. mi.	$ 544	$ 544	$ -
Kern County - Class III Bike Blvd	Myrtle Av (Di Giorgio Rd to Panama Rd) 1. mi.	$ 50	$ 50	$ -
Kern County - Complete Streets	Palm Av (San Gorgonio St to Williams St) .6 mi.	$ 360	$ 360	$ -
Kern County - Class II Buffered Bike L	Panama Ln (Comanche Dr to Cottonwood Rd) 8.1 mi.	$ 1,450	$ 1,450	$ -
Kern County - Class II Bike Ln	Panama Rd (Habecker Rd to S Comanche Dr) 3.5 mi.	$ 318	$ 318	$ -
Kern County - Class II Buffered Bike L	Panama Rd (Main St to Habecker Rd) .5 mi.	$ 93	$ 93	$ -
Kern County - Class III Bike Blvd	San Diego St (Di Giorgio Rd to Panama Rd) 1.1 mi.	$ 54	$ 54	$ -
Kern County - Class III Bike Blvd	Segrue Rd (San Emidio St to Habecker Rd) .9 mi.	$ 48	$ 48	$ -
Kern County - Class II Bike Ln	Sunset Blvd (Weedpatch Hwy to Vineland Rd) 1. mi.	$ 93	$ 93	$ -
Kern County - Class II Buffered Bike L	Taft Hwy (Enos Ln to Weedpatch Hwy) 19.1 mi.	$ 3,446	$ 3,446	$ -
Kern County - Class II Bike Ln	Vineland Rd (Pioneer Dr to SR 223) 11. mi.	$ 993	$ 993	$ -
Advanced Tech, Safe, Clean Transporta	**Sub-total Projects in Subarea**	**$ 71,654**	**$ 71,654**	$ -

ARVIN-LAMONT SUBAREA	**Total Projects Benefiting Subarea**	**$ 997,731**	**$ 1,186,029**	**$ 290,791**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

[1] Project was in the 2006 transportation measure expenditure plan

[2] Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

FRAZIER PARK SUBAREA

Subarea includes: unincorporated communities Frazier Park, Pine Mountain Club, Lebec and Lake of the Woods		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportatic**	**$ 9,824**	**$ 9,824**	$ 4,617
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation	$ 33,683	$ 33,683	$ 15,831
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 26,322	$ 26,322	$ 12,371
Fix-It-First, Keep-It-Local / Cost-Efficient	**Sub-total Projects in Subarea**	**$ 69,829**	**$ 69,829**	**$ 32,820**
Regional Projects				
Ready-To-Go, Regional Projects				
Frazier Park	Park & Ride/snowpark facility near Frazier Mt Park Blvd-Phase I	$ 4,890	$ 6,470	$ 1,580
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 144,548**	**$ 146,128**	**$ 67,219**
Next-In-Line, Regional Projects				
Wheeler Ridge Road	[1]I-5 to Rt 223 - widen to four lanes	$ 97,801	$ 129,395	$ 31,595
Frazier Park	Park and Ride facility near Frazier Park Blvd - Phase II	$ 4,890	$ 6,470	$ 1,580
Interstate 5	From Fort Tejon to Rt 99 - widen to ten lanes	$ 65,001	$ 86,000	$ 20,999
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 167,692**	**$ 221,865**	**$ 54,173**
Advanced Tech, Safe, Clean Transportation				
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,089**	**$ 2,089**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 13,358	$ 13,358	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,685**	**$ 6,685**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 5,120**	**$ 5,120**	**$ -**
Kern County - Corridor Improvement	Frazier Mountain Park Rd (Monterey Trail to Camelia Trail) .4 mi.	$ 109	$ 109	$ -
Kern County - Sidewalk Improvement	Monterey Trail (Park Dr to Mount Pinos Wy) .2 mi.	$ 36	$ 36	$ -
Kern County - Sidewalk Improvement	Mount Pinos Wy (Johnson Rd to Pomeroy Trail) .9 mi.	$ 162	$ 162	$ -
Kern County - Complete Streets/ITS Improvem	Other Future developments funded by a transportation impact fee and mitigation	$ 4,814	$ 4,814	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 1,553**	**$ 1,553**	**$ -**
Kern County - Class I Shared Use Path	Falcon Wy (Peace Valley Rd to Frazier Mtn HS) 1. mi.	$ 932	$ 932	$ -
Kern County - Class II Bike Ln	Frazier Mtn Pk Rd (N Peace Vy Rd to Tecuya Mtn Rd) 6. mi.	$ 537	$ 537	$ -
Kern County - Class II Bike Ln	Peace Valley Rd (Frazier Mtn Park Rd to Falcon Wy) .6 mi.	$ 54	$ 54	$ -
Kern County - Class III Bike Route	Frazier Mountain Park Rd (Ivins Dr to Tecuya Mtn Rd) 1. mi.	$ 9	$ 9	$ -
Kern County - Class III Bike Route	Monterey Trail (Mt Pinos Wy to Park Dr) .2 mi.	$ 2	$ 2	$ -
Kern County - Class III Bike Route	Mt Pinos Wy (Frazier Mtn Pk Rd to Frazier Mtn Pk Rd) 2.1 mi.	$ 19	$ 19	$ -
Advanced Tech, Safe, Clean Transportation	**Sub-total Projects in Subarea**	$ 15,448	$ 15,448	$ -

FRAZIER PARK SUBAREA	**Total Projects Benefiting Subarea**	**$ 397,517**	**$ 453,270**	**$ 154,212**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

INDIAN WELLS VALLEY SUBAREA

Subarea includes: City of Ridgecrest and the unincorporated communities of Inyokern, Johannesburg, and Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Ridgecrest - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Contro**	**$ 23,781**	**$ 23,781**	**$ 11,177**
Ridgecrest - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control M	$ 67,427	$ 67,427	$ 31,691
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Contro**	**$ 7,907**	**$ 7,907**	**$ 3,716**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control M	$ 27,111	$ 27,111	$ 12,742
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 37,852	$ 37,852	$ 17,790
Fix-It-First, Keep-It-Local / Cost-Efficient	**Sub-total Projects in Subarea**	**$ 164,077**	**$ 164,077**	**$ 77,116**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 14	[1]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase1)	$ 42,000	$ 42,000	$ -
Route 14	[1]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase 2)	$ 40,166	$ 42,000	$ 1,834
Route 14	[1]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase 3)	$ 25,533	$ 32,000	$ 6,467
US 395	Between Rt 178 and China Lake Blvd - construct passing lanes	$ 15,117	$ 20,000	$ 4,883
Passenger Rail	[2]Metrolink extension - Palmdale/Lancaster to Rosamond w/bus connector to Ridgecrest	$ 151,500	$ 191,000	$ 39,500
Ready-To-Go, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 274,316**	**$ 327,000**	**$ 52,684**
Next-In-Line, Regional Projects				
Richmond Rd	[1]E Ridgecrest Blvd - widen to four lanes	$ 4,890	$ 6,470	$ 1,580
Mahan St	Inyokern to South China Lake Blvd - widen to four lanes	$ 24,450	$ 32,349	$ 7,899
Bowman Rd	China Lake to San Bernardino Blvd - reconstruct	$ 3,260	$ 4,313	$ 1,053
S. China Lake Blvd	Rt 395 to College Heights - reconstruct	$ 27,710	$ 36,662	$ 8,952
US 395	San Bdo County Line to Rt 14 - widen to four lanes	$ 184,422	$ 244,000	$ 59,578
Passenger Rail	[2]Metrolink extension - Phase II Rosamond to Mojave, Cal City w/bus connector to Ridgecrest	$ 341,168	$ 451,035	$ 109,868
Next-In-Line, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 585,900**	**$ 774,829**	**$ 188,929**
Advanced Tech, Safe, Clean Transportation				
Ridgecrest - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 6,521**	**$ 6,521**	**$ -**
Ridgecrest - existing funds	Cost-efficient, safe, clean transportion	$ 27,761	$ 27,761	$ -
Ridgecrest - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,934**	**$ 6,934**	**$ -**
Ridgecrest - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 10,576**	**$ 10,576**	**$ -**
Ridgecrest - Bicycle Signal	Inyokern Rd - N China Lake Blvd	$ 25	$ 25	$ -
Ridgecrest - Corridor Improvement	Norma St (W Inyokern Rd to Sydnor Av) .8 mi.	$ 207	$ 207	$ -
Ridgecrest - Crossing Improvements	N China Lake Blvd (E Inyokern Rd to Bowman Rd) 3. mi.	$ 254	$ 254	$ -
Ridgecrest - Crossing Improvements	Norma St (Sydnor Av to Bowman Rd) 2.3 mi.	$ 193	$ 193	$ -
Ridgecrest - Crossing Improvements	Ridgecrest Blvd (Downs St to S Gateway Blvd) 2. mi.	$ 171	$ 171	$ -
Ridgecrest - High-Visibility Crosswalk	Bowman Rd - Sunland St	$ 11	$ 11	$ -
Ridgecrest - High-Visibility Crosswalk	Drummond Av - French Av	$ 11	$ 11	$ -
Ridgecrest - High-Visibility Crosswalk	Inyokern Rd - N China Lake Blvd	$ 11	$ 11	$ -
Ridgecrest - High-Visibility Crosswalk	Las Flores Av - Sierra View St	$ 11	$ 11	$ -
Ridgecrest - Sidewalk Improvement	Bowman St (Downs St to S Mahan St) .5 mi.	$ 93	$ 93	$ -
Ridgecrest - Sidewalk Improvement	China Lake Blvd (Bowman Rd to Downs St) 1.3 mi.	$ 255	$ 255	$ -
Ridgecrest - Sidewalk Improvement	Downs St (Bowman Rd to W Springer Av) 1. mi.	$ 188	$ 188	$ -
Ridgecrest - Sidewalk Improvement	S Mahan St (W Springer Av to Bowman St) 1. mi.	$ 188	$ 188	$ -
Ridgecrest - Sidewalk Improvement	Sandquist Rd (Inyokern Rd to E St) .4 mi.	$ 72	$ 72	$ -
Ridgecrest - Sidewalk Improvement	W Springer Av (Downs St to S Mahan St) .5 mi.	$ 92	$ 92	$ -
Ridecreast - Complete Streets/ITS Improver	Other Future developments funded by a transportation impact fee and mitigation	$ 8,795	$ 8,795	$ -
Ridgecrest - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 10,252**	**$ 10,252**	**$ -**
Caltrans - Class II Bike Ln	Ridgecrest Blvd SR 178 (Richmd Rd to San Bdno Blvd) .8 mi.	$ 70	$ 70	$ -
Caltrans - Class II Buffered Bike Ln	E Rcrest Blvd SR 178 (N Chna Lk Blvd to S Richmd Rd) 1.2 mi.	$ 221	$ 221	$ -
Ridgecrest - Class I Shared Use Path	Bowman Path (Brady St to S Downs St) 1. mi.	$ 889	$ 889	$ -
Ridgecrest - Class I Shared Use Path	Bowman Path (Richmond Rd to San Bernardino Blvd) 1.1 mi.	$ 949	$ 949	$ -
Ridgecrest - Class I Shared Use Path	E Javis Av (S Gateway Blvd to College Heights Blvd) 1. mi.	$ 902	$ 902	$ -
Ridgecrest - Class I Shared Use Path	Jarvis Av (S Downs St to Lacey St) .5 mi.	$ 447	$ 447	$ -
Ridgecrest - Class I Shared Use Path	W Kendall Av (S Downs St to S Del Rosa Dr) .8 mi.	$ 735	$ 735	$ -
Ridgecrest - Class II Bike Ln	Bowman Rd (Gateway Blvd to San Bernardino Blvd) 1. mi.	$ 92	$ 92	$ -
Ridgecrest - Class II Bike Ln	Dolphin Av (S Mahan St to S China Lake Blvd) .9 mi.	$ 84	$ 84	$ -
Ridgecrest - Class II Bike Ln	Drummond Av (N Mahan St to N Down St) .5 mi.	$ 45	$ 45	$ -

INDIAN WELLS VALLEY SUBAREA

Subarea includes: City of Ridgecrest and the unincorporated communities of Inyokern, Johannesburg, and Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Ridgecrest - Class II Bike Ln	E Dolphin Av (S China Lake Blvd to S Gateway Blvd) 1.5 mi.	$ 137	$ 137	$ -
Ridgecrest - Class II Bike Ln	E Las Flores Av (French Av to N China Lake Blvd) .3 mi.	$ 26	$ 26	$ -
Ridgecrest - Class II Bike Ln	Inyokern Rd (Hawk to Mahan St) 10.1 mi.	$ 912	$ 912	$ -
Ridgecrest - Class II Bike Ln	Javis Av (College Heights Blvd to Lacey St) .5 mi.	$ 45	$ 45	$ -
Ridgecrest - Class II Bike Ln	Kendall Av (S Del Rosa Dr to S Gateway Blvd) 1.2 mi.	$ 107	$ 107	$ -
Ridgecrest - Class II Bike Ln	Mahan St (W Inyokern Rd to W Springer Av) 4. mi.	$ 361	$ 361	$ -
Ridgecrest - Class II Bike Ln	Norma St (Bowman Rd to W Upjohn Av) .5 mi.	$ 47	$ 47	$ -
Ridgecrest - Class II Bike Ln	Richmond Rd (Inyokern Rd to Ridgrecrest Blvd) 2. mi.	$ 183	$ 183	$ -
Ridgecrest - Class II Bike Ln	Ridgecrest Blvd (S Brady St to S Norma Streeet) 1.5 mi.	$ 136	$ 136	$ -
Ridgecrest - Class II Bike Ln	S Gateway Blvd (E Upjohn Av to Ridgecrest Blvd) .5 mi.	$ 45	$ 45	$ -
Ridgecrest - Class II Bike Ln	S Gateway Blvd (Bowman Rd to E Kendall Av) 1.6 mi.	$ 142	$ 142	$ -
Ridgecrest - Class II Bike Ln	Saratoga Av (Lauritsen Rd to Blue Ridge Rd) .9 mi.	$ 82	$ 82	$ -
Ridgecrest - Class II Bike Ln	Springer Av (Jack Ranch Rd to S Gateway Blvd) 4. mi.	$ 357	$ 357	$ -
Ridgecrest - Class II Bike Ln	Sunland St (E Upjohn Av to E Kendall Av) 2. mi.	$ 181	$ 181	$ -
Ridgecrest - Class II Bike Ln	W Upjohn Av (Brady St to S Downs St) 1. mi.	$ 91	$ 91	$ -
Ridgecrest - Class II Buffered Bike Ln	Downs St (Inyokern Rd to Springer Av) 4. mi.	$ 721	$ 721	$ -
Ridgecrest - Class II Buffered Bike Ln	Drummond Av (N China Lake Blvd to French Av) .6 mi.	$ 112	$ 112	$ -
Ridgecrest - Class II Buffered Bike Ln	French Av (Drummond Av to N China Lake Blvd) .8 mi.	$ 140	$ 140	$ -
Ridgecrest - Class II Buffered Bike Ln	Norma St (W Upjohn Av to W Inyokern Rd) 2.5 mi.	$ 453	$ 453	$ -
Ridgecrest - Class III Bike Blvd	Gold Canyon St (Ridgecrest Blvd to Richmond Rd) 1.3 mi.	$ 64	$ 64	$ -
Ridgecrest - Class III Bike Blvd	Rowe St (Knox Rd to Richmond Rd) 1. mi.	$ 51	$ 51	$ -
Ridgecrest - Class III Bike Route	N Brady St (China Lake Blvd to Inyokern Rd) 4.7 mi.	$ 42	$ 42	$ -
Ridgecrest - Class III Bike Route	Norma St (Bowman Rd to S China Lake Blvd) .4 mi.	$ 4	$ 4	$ -
Ridgecrest - Class III Bike Route	Pilot Plant Rd (Richmond Rd to East City Limits) .7 mi.	$ 6	$ 6	$ -
Ridgecrest - Class III Bike Route	S Richmond Rd (E Ridgecrest Blvd to Upjohn Av) .6 mi.	$ 6	$ 6	$ -
Ridgecrest - Class III Bike Route	W Las Flores Av (N Brady St to N Mahan St) .5 mi.	$ 5	$ 5	$ -
Ridgecrest - Class III Bike Route	W Ridgecrest Blvd (N Norma St to N China Lake Blvd) .5 mi.	$ 5	$ 5	$ -
Ridgecrest - Class IV Cycle Track	S China Lake Blvd (W Springs Av to E Inyokern Rd) 4.5 mi.	$ 1,360	$ 1,360	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,008**	**$ 2,008**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 9,399	$ 9,399	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 2,987**	**$ 2,987**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 3,225**	**$ 3,225**	**$ -**
Kern County - Complete Streets/ITS Improve	Other Future developments funded by a transportation impact fee and mitigation	$ 112	$ 112	$ -
Kern County - Complete Streets/ITS Improv	Other Future developments funded by a transportation impact fee and mitigation	$ 3,113	$ 3,113	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 3,188**	**$ 3,188**	**$ -**
Kern County - Class I Shared Use Path	S Downs St (S China Lake Blvd to Skylark Av) 1.1 mi.	$ 1,019	$ 1,019	$ -
Kern County - Class I Shared Use Path	S Gateway Blvd (E Kendall Av to E Javis Av) .5 mi.	$ 458	$ 458	$ -
Kern County - Class III Bike Route	Bowman Rd (Jacks Ranch Rd to Brady St) 1. mi.	$ 9	$ 9	$ -
Kern County - Class III Bike Route	Drummond Av (Jacks Ranch Rd to Mahan St) 1.5 mi.	$ 13	$ 13	$ -
Kern County - Class III Bike Route	Jacks Ranch Rd (Ridgecrest Blvd to Springer Av) 2. mi.	$ 18	$ 18	$ -
Kern County - Class III Bike Route	Skylark Av (Kendall Av to Down St) 1.2 mi.	$ 11	$ 11	$ -
Kern County - Class III Bike Route	Brown Road from SR 14 to US 395 - 20 miles - Class III Signage Only	$ 300	$ 300	$ -
Kern County - Class III Bike Route	Brown Road from US 395 Northern Overpass to US 395 Southern Overpass - 0.3 miles - Class III Signage Only	$ 4	$ 4	$ -
Kern County - Class III Bike Route	Athel Avenue from Us 395 to Brown Road - 2.6 miles - Class III Signage Only	$ 39	$ 39	$ -
Kern County - Inyokern - Class II Bike Lane	Brown Road from US 395 to Ridgecrest Blvd. - 8.2 miles - Pave Shoulder	$ 656	$ 656	$ -
Kern County - Inyokern - Class II Bike Lane	Brown Road from Athel Avenue to US 395 - 7.8 miles - Pave Shoulder	$ 624	$ 624	$ -
Kern County - Inyokern - Class II Bike Lane	Brown Road from US 395 Northern Overpass to US 395 Southern Overpass - 0.3 miles - Pave Shoulder	$ 20	$ 20	$ -
Kern County - Inyokern - Class II Bike Lane	Broadway from Orchard Avenue to Plains Avenue - 0.5 miles	$ 16	$ 16	$ -
Kern County - Inyokern - Other	Inyokern Road from SR 178 Ridgecrest City Limits to SR 14 - 9.2 miles - Other	$ -	$ -	$ -
Advanced Tech, Safe, Clean Transportation	**Sub-total Projects in Subarea**	**$ 45,689**	**$ 45,689**	**$ -**

INDIAN WELLS VALLEY SUBAREA	**Total Projects Benefiting Subarea**	**$ 1,069,982**	**$ 1,311,595**	**$ 318,729**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

INDIAN WELLS VALLEY SUBAREA

Subarea includes: City of Ridgecrest and the unincorporated communities of Inyokern, Johannesburg, and Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenu**	**Maint./Inflation Savings**

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

LAKE ISABELLA SUBAREA

Subrea includes the unincoprated communities (county areas) of Lake Isabella, Kernville, Wofford Heights, Glennville, Woody, Alta Sierra, Bodfish, Havilah, South Lake, Mountian Mesa, Squirrel Mtn. Valley, Bella Vista, Weldon, Onyx, and Walker Basin		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transpor**	$ 32,012	$ 32,012	$ 15,046
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transporta	$ 109,760	$ 109,760	$ 51,587
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 72,034	$ 72,034	$ 33,856
Fix-It-First, Keep-It-Local / Cost-Efficient	**Sub-total Projects in Subarea**	**$ 213,806**	**$ 213,806**	$ 100,489
Regional Projects				
Ready-To-Go, Regional Projects				
Route 178	[2]Miramonte to Rancheria - widen existing highway	$ 16,169	$ 19,800	$ 3,631
Route 178	[2]Vineland to Miramonte - new interchange; widen existing freeway	$ 97,178	$ 119,000	$ 21,822
Route 178	[2]Near Oswell St to Vineland Rd - widen existing freeway	$ 14,768	$ 17,000	$ 2,232
Route 178	[2]Existing west terminus to Oswell St - widen to eight lanes (HOV)	$ 112,107	$ 140,500	$ 28,393
Route 184	[2]Morning Dr to Rt 178 - widen to four lanes	$ 4,459	$ 5,000	$ 541
Route 184	[2]At Union Pacific Railroad - construct grade separation	$ 23,865	$ 26,400	$ 2,535
Route 184	[2]Rt 58 to Rt 178 - widen to four lanes	$ 78,184	$ 90,000	$ 11,816
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 346,731**	**$ 417,700**	**$ 70,969**
Next-In-Line, Regional Projects				
Sierra Way	[1]Lake Isabella at South Fork Bridge - reconstruct bridge	$ 39,120	$ 51,758	$ 12,638
East Expressway Corridor	[2]Comanche Rd - Rt 178 to Rt 58 - construct new expressway	$ 151,166	$ 200,000	$ 48,834
Route 178	Vineland to China Garden - new freeway	$ 377,914	$ 500,000	$ 122,086
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	$ 568,200	$ 751,758	$ 183,558
Advanced Tech, Safe, Clean Transportation				
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,020**	**$ 4,020**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 18,817	$ 18,817	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 5,979**	**$ 5,979**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 8,216**	**$ 8,216**	**$ -**
Kern County - Corridor Improvement	Nugget Av (Suhre St to Golden Spur St) .3 mi.	$ 84	$ 84	$ -
Kern County - High-Visibility Crosswalk	Lake Isabella Blvd - Crestview Av	$ 11	$ 11	$ -
Kern County - High-Visibility Crosswalk	Lake Isabella Blvd - Elizabeth Norris Rd	$ 11	$ 11	$ -
Kern County - Sidewalk Improvement	Erskine Creek Rd (Lake Isabella Blvd to Hall Ct) 1.4 mi.	$ 272	$ 272	$ -
Kern County - Sidewalk Improvement	Lake Isabella Blvd (Erskine Creek Rd to Lakeland St) 1.7 mi.	$ 318	$ 318	$ -
Kern County - Sidewalk Improvement	Lake Isabella Blvd (Lakeland Street to Kilbreth Dr) 1.2 mi.	$ 234	$ 234	$ -
Kern County - Sidewalk Improvement	Webb Av (Lake Isabella Blvd to School) .9 mi.	$ 167	$ 167	$ -
Kern County - Complete Streets/ITS Imp	Other Future developments funded by a transportation impact fee and mitigation	$ 7,118	$ 7,118	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 4,622**	**$ 4,622**	**$ -**
Caltrans - Class II Bike Ln	SR 178 (North Community Limits to Lk Is Blvd) 2.3 mi.	$ 205	$ 205	$ -
Caltrans - Class III Bike Route	Wofford Hts Blvd SR 155 (Lk Is Blvd to Sawmill Rd) 4.6 mi.	$ 41	$ 41	$ -
Kern County - Class I Shared Use Path	Borel Canal Pth (Lk Is Blvd/Bfish Cyn Rd to Lk Is Blvd) 3.6 mi.	$ 3,264	$ 3,264	$ -
Kern County - Class I Shared Use Path	Kernville Path (Pasadena Ln to Borel Canal) .1 mi.	$ 68	$ 68	$ -
Kern County - Class I Shared Use Path	N Lake Isabella Connector (Gldn Spur St to Borel Canal) .1 mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Bodfish Canyon Rd (Jordan Rd to Lake Isabella Blvd) 2.9 mi.	$ 263	$ 263	$ -
Kern County - Class II Bike Ln	Erskine Creek Rd (Lake Isabella Blvd to Morella Rd) 1.6 mi.	$ 149	$ 149	$ -
Kern County - Class II Bike Ln	Lake Isabella Blvd (Lakeland St to SR 178) .5 mi.	$ 42	$ 42	$ -
Kern County - Class II Bike Ln	Nugget Av (Golden Spur St to Lake Isabella Blvd) .2 mi.	$ 20	$ 20	$ -
Kern County - Class II Buffered Bike Ln	Lake Isabella Blvd (Lakeland St to Erskine Creek Rd) 1.7 mi.	$ 302	$ 302	$ -
Kern County - Class II Buffered Bike Ln	Lake Isabella Blvd (Erskine Creek Rd to Edith Av) .9 mi.	$ 161	$ 161	$ -
Kern County - Class III Bike Route	Alta Sierra Av (Lake Isabella Blvd to Edna St) .6 mi.	$ 6	$ 6	$ -

LAKE ISABELLA SUBAREA

Subrea includes the unincoprated communities (county areas) of Lake Isabella, Kernville, Wofford Heights, Glennville, Woody, Alta Sierra, Bodfish, Havilah, South Lake, Mountian Mesa, Squirrel Mtn. Valley, Bella Vista, Weldon, Onyx, and Walker Basin		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new revenu**	**Maint./Inflation Savings**
Kern County - Class III Bike Route	Edna St (Alta Sierra Av to Erskine Creek Rd) .2 mi.	$ 2	$ 2	$ -
Kern County - Class III Bike Route	Pasadena Ln (Schick Rd to Erskine Creek Rd) .5 mi.	$ 5	$ 5	$ -
Kern County - Class III Bike Route	Webb Av (Lake Isabella Rd to Borel Canal) .8 mi.	$ 7	$ 7	$ -
Advanced Tech, Safe, Clean Transportati	**Sub-total Projects in Subarea**	$ 22,837	$ 22,837	$ -

LAKE ISABELLA SUBAREA	**Total Projects Benefiting Subarea**	**$ 1,151,575**	**$ 1,406,101**	**$ 355,016**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Bakersfield - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trar**	$ 299,205	$ 299,205	$ 140,626
Bakersfield - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 860,303	$ 860,303	$ 404,342
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trar**	$ 138,275	$ 138,275	$ 64,989
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 474,105	$ 474,105	$ 222,829
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 101,651	$ 101,651	$ 47,776
Fix-It-First, Keep-It-Local / Cost-Efficien	**Sub-total Projects in Subarea**	**$ 1,873,539**	**$ 1,873,539**	**$ 880,563**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 58 - recently completed	[1]Rosedale Hwy - Calloway Dr to Rt 99 - widen existing highway	$ 29,000	$ 29,000	$ -
Route 178 - recently completed	[1]Vineland Rd to east of Miramonte Dr - widen existing highway	$ 54,000	$ 54,000	$ -
Hageman Flyover	[1]Knudsen Dr to Rt 204 - construct extension	$ 68,900	$ 68,900	$ -
24th St Improvements	[1]Rt 178 (24th/23rd St) from SR-99 to M Street - widen existing highway	$ 55,000	$ 55,000	$ -
Centennial Corridor	[1]I-5 to Rt-58/Cottonwood Rd - element of the Bakersfield Beltway System - construct new freeway and/or operational improvements	$ 698,000	$ 698,000	$ -
Route 58	[1]Rosedale Hwy - Rt 43 to Allen Rd - widen existing highway	$ 53,335	$ 59,000	$ 5,665
Route 58	[1]Rosedale Hwy @ Minkler Spur / Landco - construct grade separation	$ 24,408	$ 27,000	$ 2,592
Route 58	[1]Union Ave to Fairfax Rd - widen to eight lanes	$ 42,849	$ 47,400	$ 4,551
West Corridor	[1]Rosedale Hwy to 1/2 mile north of 7th Standard Rd - construct new facility	$ 98,068	$ 115,793	$ 17,725
West Corridor	[1]Rosedale Hwy to Westside Parkway - construct new facility	$ 79,187	$ 93,500	$ 14,313
Route 178 - recently completed	[1]Near Oswell St to Vineland Rd - widen existing freeway	$ 14,768	$ 17,000	$ 2,232
Route 178	[1]Existing west terminus to Oswell St - widen to eight lanes (HOV)	$ 112,107	$ 140,500	$ 28,393
Route 178 - recently completed	[1]Vineland to Miramonte - new interchange; widen existing freeway	$ 97,178	$ 119,000	$ 21,822
Route 178 - recently completed	[1]Miramonte to Rancheria - widen existing highway	$ 16,169	$ 19,800	$ 3,631
West Corridor	[1]Pacheco Rd to Westside Parkway - construct new facility	$ 64,229	$ 115,793	$ 51,564
West Corridor	[1]Taft Hwy to Pacheco Rd - construct new facillity	$ 68,025	$ 90,000	$ 21,975
Route 99	Hosking Ave - construct interchange	$ 31,000	$ 31,000	$ -
Route 99	Olive Drive - construct interchange upgrades	$ 6,100	$ 6,100	$ -
7th Standard Rd	Rt 43 to Santa Fe Way - widen existing roadway	$ 11,857	$ 14,000	$ 2,143
Route 65	James Rd to Merle Haggard Dr - widen to four lanes	$ 2,869	$ 3,000	$ 131
Route 184	Panama Rd to Rt 58 - widen to four lanes	$ 9,005	$ 10,500	$ 1,495
Route 184	Morning Dr to Rt 178 - widen to four lanes	$ 4,459	$ 5,000	$ 541
Route 184	At Union Pacific Railroad - construct grade separation	$ 23,865	$ 26,400	$ 2,535
Route 184	Rt 58 to Rt 178 - widen to four lanes	$ 78,184	$ 90,000	$ 11,816
Route 204	Airport Drive to Rt 178 - widen existing highway	$ 43,885	$ 55,000	$ 11,115
Route 204	F St - construct interchange	$ 41,575	$ 61,700	$ 20,125
Route 58	At various locations - ramp improvements (HOV - ramp metering)	$ 22,322	$ 24,000	$ 1,678
Route 99	Beardsley Canal to 7th Standard Rd - widen to eight lanes	$ 74,150	$ 90,800	$ 16,650
Route 99	At Olive Drive - reconstruct interchange	$ 88,196	$ 108,000	$ 19,804
Route 99	At Snow Rd - construct new interchange	$ 112,858	$ 138,200	$ 25,342
Route 99	At various locations - ramp improvements (HOV - ramp metering)	$ 23,715	$ 24,000	$ 285
Route 178	At Rt 204 and 178 - reconstruct freeway ramps (HOV - ramp metering)	$ 40,831	$ 50,000	$ 9,169
Route 178	At various locations - ramp improvements (HOV - ramp metering)	$ 26,331	$ 21,000	$ (5,331)
SR 58	[2]General Beale Rd to E. of Broome Rd - Construct truck climbing lanes	$ 71,501	$ 99,000	$ 27,499

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Route 119	[2]Cherry Ave to Elk Hills Rd (Phase 1, bypass) - widen to four lanes	$ 97,396	$ 115,000	$ 17,604
Route 119	[2]I-5 to Buena Vista - widen to four lanes	$ 27,916	$ 31,300	$ 3,384
Metro HOV Ramps	Install HOV Ramps and metering improvements at various locations	$ 27,000	$ 27,000	$ -
Centennial Corridor	At Route 99 & 58 - Construct operational improvements			
Centennial Corridor	Stockdale Hwy from SR 43 to Heath Road - widen existing highway			
Various Locations	Construct Bike Boulevard projects			
Various Locations	Construct Intersection enhancement projects			
Ready-To-Go, Regional Projects	**[2]Sub-Total including zone of Benefit**	**$ 2,440,239**	**$ 2,780,686**	**$ 340,447**
Next-In-Line, Regional Projects				
West Corridor-South	[1]Taft Hwy to I-5 - extend freeway	$ 75,583	$ 100,000	$ 24,417
West Corridor-North	[1]7th Standard Rd to Rt 99 -extend freeway	$ 75,583	$ 100,000	$ 24,417
Route 58	[1]Future Rt 58 from I-5 to Heath Rd at Stockdale Hwy - construct new freeway	$ 377,914	$ 500,000	$ 122,086
Santa Fe Way	[1]Hageman to Los Angeles Ave - widen to four lanes	$ 96,171	$ 127,239	$ 31,068
South Corridor	[1]I-5 to Rt 58 - new expressway	$ 453,945	$ 610,000	$ 156,055
Route 58	[1]Rosedale Highway - I-5 to Rt 43 - widen to four lanes	$ 23,431	$ 31,000	$ 7,569
East Corridor - Comanche Road	[2]Rt 178 to Rt 58 - construct new expressway	$ 151,166	$ 200,000	$ 48,834
Route 204	(Golden State Ave) Rt 99 to M St - construct operational improvements	$ 75,583	$ 100,000	$ 24,417
Route 184	Rt 184 / Morning Dr. @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Beale Road	L St/Beale @ BNSF - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Q Street	Q St @ UPRR near Golden State Hwy - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Comanche Drive	Comanche Dr. @ UPRR - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Olive Drive	Olive Dr. @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Renfro Road	Renfro Rd @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Kratzmeyer Road	Kratzmeyer Rd @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Airport Drive	Airport Dr. @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
7th Standard Rd	I-5 to Santa Fe Way - widen to four lanes	$ 68,461	$ 90,577	$ 22,116
Route 99	Rt 99 @ Minkler Spur - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Bakersfield	Phase 1 Metro Bakersfield Light/Commuter Rail System (2012 Long Range Transit Plan)	$ 1,860,430	$ 2,500,000	$ 639,570
Route 65	Merle Haggard Dr to County Line - widen to four lanes	$ 163,259	$ 216,000	$ 52,741
Route 178	[2]Vineland to China Garden - new freeway	$ 377,914	$ 500,000	$ 122,086
SR 58	[2]General Beale Rd to E. of Broome Rd - Construct truck climbing lanes	$ 71,501	$ 99,000	$ 27,499
Interstate 5	[2]From Fort Tejon to Rt 99 - widen to ten lanes	$ 65,001	$ 86,000	$ 20,999
Interstate 5	[2]7th Standard Rd Interchange - reconstruct	$ 40,815	$ 54,000	$ 13,185
Route 43	[2]7th Standard Rd to Euclid Ave - widen to four lanes	$ 27,966	$ 37,000	$ 9,034
Route 58	[2]East of Tehachapi to General Beale Rd - truck auxillary lanes / escape ramp	$ 65,001	$ 86,000	$ 20,999
Route 58	[2]Near General Beale Rd - new truck weigh station	$ 8,314	$ 11,000	$ 2,686
Route 58	[2]General Beale Rd - construct new interchange	$ 40,815	$ 54,000	$ 13,185
Route 65	[2]Merle Haggard Dr to County Line - widen to four lanes	$ 163,259	$ 216,000	$ 52,741
Route 119	[2]Tupman Rd to I-5 - widen to four lanes	$ 45,350	$ 60,000	$ 14,650
Route 119	[2]Rt 33 to Cherry Ave - widen to four lanes	$ 40,815	$ 54,000	$ 13,185
Route 223	[2]Rt 99 to Rt 184 - widen to four lanes	$ 52,160	$ 69,011	$ 16,851
Route 223	[2]East Arvin city limits to Rt 58 - widen to four lanes	$ 48,900	$ 64,698	$ 15,797
Burbank Street	[2]Burbank St @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Lerdo Highway	[2]Lerdo Hwy / Beech Ave @ BNSF - construct grade separation	$ 52,152	$ 69,000	$ 16,848
North Corridor - Shafter	[2]I-5 to SR 65 - Burbank Street Alignment - construct new highway	$ 372,086	$ 500,000	$ 127,914

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Santa Fe Way	[2]Hageman to Los Angeles Ave - widen to four lanes	$ 94,688	$ 127,239	$ 32,551
Wheeler Ridge Road	[2]I-5 to Rt 223 - widen to four lanes	$ 97,801	$ 129,395	$ 31,595
Zachary Rd	[2]7th Standard Rd to Lerdo Hwy - widen to four lanes	$ 26,080	$ 34,505	$ 8,425
Amtrak Stations - NW Bksfld, Shafter	[2]Up to 4 Amtrak San Joaquins stops on BNSF - platform, track turnout, park&ride, ticket both	$ 27,024	$ 34,049	$ 7,024
Intermodal rail hub - Delano	[2]RailEx Expansion Phase 2 (Draft SJV Interregional Goods Movement Plan IGM)	$ 8,107	$ 10,215	$ 2,107
Intermodal rail hub - Shafter	[2]Shafter Inland Port Phases 2 & 3 (Draft SJV IGMP)	$ 81,073	$ 102,146	$ 21,073
BNSF/UP grade separations	[2]SR 43 corridor in Wasco, Shafter	$ 330,412	$ 444,000	$ 113,588
Freight Rail	[2]Double-track sections from Bakersfield to Mojave	$ 111,700	$ 111,700	$ -
Route 58	Business 58 OC to Edwards Air Force Base OC - improve access to EAFB (Phase 1)			
Route 58	Near Beale-Bena - Construct truck climbing lanes - (Future Candidate SHOPP project)			
Western Urban Corridor	White Lane to Westside Parkway - construct new facility			
Western Urban Corridor	Taft Hwy to White Lane - construct new facillity			
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit[2]**	**$ 6,154,188**	**$ 8,167,773**	**$ 2,013,585**
Advanced Tech, Safe, Clean Transportation				
Bakersfield - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 88,095**	**$ 88,095**	**$ -**
Bakersfield - existing funds	Cost-efficient, safe, clean transportion	$ 567,760	$ 567,760	$ -
Bakersfield - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 286,406**	**$ 286,406**	**$ -**
Metro Bus Service	Full size advanded technology buses	$ 232,500	$ 232,500	$ -
Metro/county Bus Service	2 Transit Maintenance Stations	$ 60,000	$ 60,000	$ -
Metro Bus Service	3 transfer stations	$ 15,000	$ 15,000	$ -
Metro Passenger Rail	Amtrak Station - Phase II	$ 13,000	$ 13,000	$ -
Passenger Rail	High Speed Rail Station - Bakersfield - other funding source			
Bakersfield - Incorporated	Various Feasibility Studies for Other Bike and Pedestrian Related Improvements	$ 775	$ 775	$ -
Bakersfield - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 141,550**	**$ 141,550**	**$ -**
Bakersfield - Corridor Improvement	Brimhall Rd (Renfro Rd to Coffee Rd) 4. mi.	$ 1,104	$ 1,104	$ -
Bakersfield - Corridor Improvement	Calloway Dr (Olive Dr to Harris Rd) 7.7 mi.	$ 2,120	$ 2,120	$ -
Bakersfield - Corridor Improvement	Chester Av (Beardsley Av to 30th St) 1.4 mi.	$ 390	$ 390	$ -
Bakersfield - Corridor Improvement	Clay Patrick Farr Wy (Hageman Rd to Rosedale Hwy) 1.1 mi.	$ 290	$ 290	$ -
Bakersfield - Corridor Improvement	Columbus St (Chester Av to Panorama Dr) 4.7 mi.	$ 1,287	$ 1,287	$ -
Bakersfield - Corridor Improvement	Fairfax Rd (Brundage Ln to Muller Rd) 1.9 mi.	$ 514	$ 514	$ -
Bakersfield - Corridor Improvement	Flower St (Union Av to Mt Vernon St) 2.1 mi.	$ 570	$ 570	$ -
Bakersfield - Corridor Improvement	Hosking Av (99 FreeWy to Cottonwood Rd) 2.3 mi.	$ 643	$ 643	$ -
Bakersfield - Corridor Improvement	Jewetta Av (Olive Dr to Rosedale Hwy) 2.5 mi.	$ 674	$ 674	$ -
Bakersfield - Corridor Improvement	Jewetta Av (Rosedale Hwy to Pecos River Dr) 1.4 mi.	$ 378	$ 378	$ -
Bakersfield - Corridor Improvement	Kratzmeyer Rd (Enos Ln to Nord Av) 3. mi.	$ 831	$ 831	$ -
Bakersfield - Corridor Improvement	Ming Av (Old River Rd to Gossford Rd) 1.2 mi.	$ 339	$ 339	$ -
Bakersfield - Corridor Improvement	Morning Dr (College Av to Brundage Ln) 2. mi.	$ 551	$ 551	$ -
Bakersfield - Corridor Improvement	Mr Vernon Av (Panorama Dr to Columbus St) 1. mi.	$ 288	$ 288	$ -
Bakersfield - Corridor Improvement	Olive Dr (Renfro Rd to Sanford Dr) 6.5 mi.	$ 1,776	$ 1,776	$ -
Bakersfield - Corridor Improvement	Oswell St (Edison Hwy to Brundage Ln) .9 mi.	$ 247	$ 247	$ -
Bakersfield - Corridor Improvement	Panama Ln (Union Av to Cottonwood Rd) 1. mi.	$ 274	$ 274	$ -
Bakersfield - Corridor Improvement	Panama Rd (Wible Rd to Main St) 7. mi.	$ 1,936	$ 1,936	$ -
Bakersfield - Corridor Improvement	Panorama Dr (Columbus St to Morning Dr) 5.8 mi.	$ 1,587	$ 1,587	$ -
Bakersfield - Corridor Improvement	Pensinger Rd (Buena Vista Rd to Wible Rd) 5.1 mi.	$ 1,396	$ 1,396	$ -
Bakersfield - Corridor Improvement	Renfro Rd (Rosedale Hwy to Stockdale Hwy) 2. mi.	$ 551	$ 551	$ -
Bakersfield - Corridor Improvement	Wall St Paseo (F St to 322' East of R St) .9 mi.	$ 234	$ 234	$ -
Bakersfield - Corridor Improvement	Wible Rd (Rosedale Hwy to Taft Hwy/Panama Rd) 5.9 mi.	$ 1,632	$ 1,632	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Corridor Improvement	Wilson Rd (Wible Rd to H St) 1. mi.	$ 278	$ 278	$ -
Bakersfield - Crossing Improvements	18th St (F St to Mill Creek Park) .8 mi.	$ 72	$ 72	$ -
Bakersfield - Crossing Improvements	21st St (F St to M St) .5 mi.	$ 40	$ 40	$ -
Bakersfield - Crossing Improvements	28th St (F St to Golden State Av) .5 mi.	$ 40	$ 40	$ -
Bakersfield - Crossing Improvements	Ashe Rd (McKee Rd to Taft Highway) .5 mi.	$ 43	$ 43	$ -
Bakersfield - Crossing Improvements	Baker St (E California Av to Niles St) 1. mi.	$ 83	$ 83	$ -
Bakersfield - Crossing Improvements	Chester Av (Golden State Av to Planz Rd) 4.4 mi.	$ 375	$ 375	$ -
Bakersfield - Crossing Improvements	Chester Av (China Grade Loop to Planz Rd) 1.5 mi.	$ 128	$ 128	$ -
Bakersfield - Crossing Improvements	Echo Av (Castro Ln to Benton St) .4 mi.	$ 30	$ 30	$ -
Bakersfield - Crossing Improvements	F St (30th St to Truxton Av) .9 mi.	$ 79	$ 79	$ -
Bakersfield - Crossing Improvements	Gossford Rd (Stockdale Hwy to Panama Ln) 4. mi.	$ 341	$ 341	$ -
Bakersfield - Crossing Improvements	H St (Brundage Ln to Golden State Av) 2.4 mi.	$ 200	$ 200	$ -
Bakersfield - Crossing Improvements	Hosking Av (Stine Rd to Golden State Hwy) 1.7 mi.	$ 143	$ 143	$ -
Bakersfield - Crossing Improvements	L St (Brundage Ln to Golden State Av) 2.2 mi.	$ 184	$ 184	$ -
Bakersfield - Crossing Improvements	Monitor St (Merrimac Av to Berkshire Rd) 2.3 mi.	$ 192	$ 192	$ -
Bakersfield - Crossing Improvements	Oak St (24th St to Rosa Parks Hwy) 1.9 mi.	$ 166	$ 166	$ -
Bakersfield - Crossing Improvements	Oswell St (Edison Hwy to Columbus St) 2.3 mi.	$ 197	$ 197	$ -
Bakersfield - Crossing Improvements	Pacheco Rd (Stine Rd to Monitor St) 2.5 mi.	$ 216	$ 216	$ -
Bakersfield - Crossing Improvements	Panama Ln (Stine Rd to S Union Av) 3. mi.	$ 257	$ 257	$ -
Bakersfield - Crossing Improvements	Planz Rd (Stine Rd to S H St) 2. mi.	$ 171	$ 171	$ -
Bakersfield - Crossing Improvements	Truxtun Av (Oak St to Mt Vernon Av) 4.2 mi.	$ 357	$ 357	$ -
Bakersfield - Crossing Improvements	Union Av (21st St to California Av) .7 mi.	$ 56	$ 56	$ -
Bakersfield - Crossing Improvements	White Ln (Buena Vista Rd to S Union Av) 7.3 mi.	$ 618	$ 618	$ -
Bakersfield - High-Visibility Crosswalk	Renfro Rd - Johnson Rd	$ 11	$ 11	$ -
Bakersfield - High-Visibility Crosswalk	Wharton Av - Main St	$ 11	$ 11	$ -
Bakersfield - Sidewalk Improvement	Belle Terrace (Dawn Street to Cottonwood Road) 1.3 mi.	$ 255	$ 255	$ -
Bakersfield - Sidewalk Improvement	Coffee Rd Path (Truxtun Avenue to Kern River Parkway) .1 mi.	$ 12	$ 12	$ -
Bakersfield - Sidewalk Improvement	Mt Vernon Av (California Ave to Brundage Lane) 1. mi.	$ 190	$ 190	$ -
Bakersfield - Sidewalk Improvement	N Chester Av (Universe Avenue to Kern River Bike Trail) 2.1 mi.	$ 391	$ 391	$ -
Bakersfield - Sidewalk Improvement	Pacheco Rd (Gordon St to Sparks St) .6 mi.	$ 123	$ 123	$ -
Bakersfield - Sidewalk Improvement	Potomac Av (Collins Way to Oswell St) 1.7 mi.	$ 325	$ 325	$ -
Bakersfield - Sidewalk Improvement	S Chester Av (Ming Av to Union Av) 1.7 mi.	$ 323	$ 323	$ -
Bakersfield - Sidewalk Improvement	Santa Fe Way (Reina Rd to Hageman Rd) 1.3 mi.	$ 247	$ 247	$ -
Bakersfield - Sidewalk Improvement	Stine Rd (Stockdale Hwy to Park Circle Dr) .8 mi.	$ 150	$ 150	$ -
Bakersfield - Sidewalk Improvement	Verdugo Ln (Hageman Rd to Rosedale Hwy) 1. mi.	$ 187	$ 187	$ -
Bakersfield - Sidewalk Improvement	Virginia Av (Oswell Street to Sterling Rd) .5 mi.	$ 95	$ 95	$ -
Bakersfield - Sidewalk Improvement	Virginia St (Niles Street to Ridge Rd) .6 mi.	$ 113	$ 113	$ -
Caltrans - Corridor Improvement	23rd St (24th St to Q St) 1. mi.	$ 278	$ 278	$ -
Caltrans - Corridor Improvement	24th St (Oak St to Q St) 1.6 mi.	$ 436	$ 436	$ -
Caltrans - Corridor Improvement	Golden State Av (Kern River Pkwy Bike Trail to 24th St) 1.5 mi.	$ 419	$ 419	$ -
Caltrans - Corridor Improvement	Ming Av (Gosford Rd to S Union Av) 5.2 mi.	$ 1,423	$ 1,423	$ -
Caltrans - Corridor Improvement	Rosedale Hwy (Camino Del Rio Court to Oak St) .5 mi.	$ 149	$ 149	$ -
Caltrans - Corridor Improvement	Weedpatch Hwy (Brundage Ln to E Bear Mountain Blvd) 10. mi.	$ 2,763	$ 2,763	$ -
Caltrans - Crossing Improvements	Rosedale Hwy (Camino Del Rio Court to Nord Av) 8.5 mi.	$ 726	$ 726	$ -
Bakersfield - Complete Streets/ITS Im	Other Future developments funded by a transportation impact fee and mitigation	$ 109,047	$ 109,047	$ -
Bakersfield - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 139,804**	**$ 139,804**	**$ -**
Bakersfield - Bikeway Study	Chester Av (Norris Rd to California Av) 3.6 mi.	$ 536	$ 536	$ -
Bakersfield - Bikeway Study	F St (Golden State Av to 16th St) 1.1 mi.	$ 168	$ 168	$ -
Bakersfield - Bikeway Study	Ming Av (Gossford Rd to S Union Av) 5.2 mi.	$ 779	$ 779	$ -
Bakersfield - Class I Shared Use Path	Almondale Park Path (Meadow Creek St to Verdugo Ln) .1 mi.	$ 127	$ 127	$ -

METRO BAKERSFIELD SUBAREA

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class I Shared Use Path	Arvin Edison Canal (Green Garden Dr to Fairfax Rd) 8.8 mi.	$ 7,922	$ 7,922	$ -
Bakersfield - Class I Shared Use Path	B'Field Cmns Connection (Coffee Rd to NW Canal Path) .4 mi.	$ 392	$ 392	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge (36th Street to Jeffrey Street) .2 mi.	$ 201	$ 201	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Yokuts Park Bridge 1	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Beach Park Bridge 1	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Beach Park Bridge 2	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Kern River Pkwy Park Bridge 1	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Bike/Ped Bridge - Kern River Pkwy Park Bridge 2	$ 3,000	$ 3,000	$ -
Bakersfield - Class I Shared Use Path	Campus Park Court (White Ln to Hemmingway Pl) .1 mi.	$ 90	$ 90	$ -
Bakersfield - Class I Shared Use Path	Columbus Path (Shared Use Path to Jewett Av) .4 mi.	$ 332	$ 332	$ -
Bakersfield - Class I Shared Use Path	Friant Kern Canal (7th Std Rd to Kern R Pkwy Bike Trl) 7.9 mi.	$ 7,080	$ 7,080	$ -
Bakersfield - Class I Shared Use Path	Gosford Rd Canal (Stockdale Hwy to Panama Ln) 4.5 mi.	$ 4,084	$ 4,084	$ -
Bakersfield - Class I Shared Use Path	Kern Island Canal (Taft Hwy to California Av) 7.4 mi.	$ 6,649	$ 6,649	$ -
Bakersfield - Class I Shared Use Path	Kern R Pkwy Bike Trl (Oildale Dr to Kern R Pkwy Bk Trl) .3 mi.	$ 283	$ 283	$ -
Bakersfield - Class I Shared Use Path	Mill Creek Park (Golden St Av to Kern R, Pkwy Bike Trl) 1.6 mi.	$ 1,465	$ 1,465	$ -
Bakersfield - Class I Shared Use Path	N Rosedale Park Path (Campfire Dr to Jewetta Av) .2 mi.	$ 162	$ 162	$ -
Bakersfield - Class I Shared Use Path	NE Bakersfield Path (Paladino Dr to Morning Dr Path) 2.7 mi.	$ 2,431	$ 2,431	$ -
Bakersfield - Class I Shared Use Path	NW Canal Path (7th Std Rd to Kern R Pkwy Bike Trl) 6.2 mi.	$ 5,596	$ 5,596	$ -
Bakersfield - Class I Shared Use Path	Old River Rd Canal (Taft Hwy to Stockdale Hwy) 7.8 mi.	$ 6,983	$ 6,983	$ -
Bakersfield - Class I Shared Use Path	Panorama Connection (Panorama Dr to Carrier Canal) .1 mi.	$ 54	$ 54	$ -
Bakersfield - Class I Shared Use Path	Polo Pk Shared Path (Old Farm Rd to Bay Meadows Ln) .4 mi.	$ 333	$ 333	$ -
Bakersfield - Class I Shared Use Path	Q St Canal (California Av to Truxtun Av) .3 mi.	$ 290	$ 290	$ -
Bakersfield - Class I Shared Use Path	Qualridge Path (NW Canal Path to Oak St) 3.3 mi.	$ 3,010	$ 3,010	$ -
Bakersfield - Class I Shared Use Path	Rail ROW Path (7th Std Rd to 99/Friant Kern Canal) 2.2 mi.	$ 2,004	$ 2,004	$ -
Bakersfield - Class I	Rail ROW Path from 7th Standard Road to E. Norris Road - 2.23 miles			
Bakersfield - Class I	Panorama Class I Connecti from Kern River Parkway to Panorama Drive - 0.06 miles			
Bakersfield - Class I	Calloway Shared Path from Balvanera Drive to Noriega Road - 0.28 miles			
Bakersfield - Class I	Truxtun Shared Path link from Coffee Road to Quailridge Road - 0.15 miles			
Bakersfield - Class II Bike Ln	Access Rd (Union Av to Monte Vista Dr) .3 mi.	$ 23	$ 23	$ -
Bakersfield - Class II Bike Ln	Akers Rd (McKee Rd to Taft Hwy) .5 mi.	$ 46	$ 46	$ -
Bakersfield - Class II Bike Ln	Allen Rd (Pensinger Road to Highway 119) 4. mi.	$ 360	$ 360	$ -
Bakersfield - Class II Bike Ln	Ashe Rd (Phisto Pl to Taft Hwy) 1.5 mi.	$ 135	$ 135	$ -
Bakersfield - Class II Bike Ln	Ashe Rd (SR 119 to SR 223) 4. mi.	$ 361	$ 361	$ -
Bakersfield - Class II Bike Ln	Auburn St (Fairfax Rd to Morning Dr) .9 mi.	$ 82	$ 82	$ -
Bakersfield - Class II Bike Ln	Baker St (Bernard St to California Av) 1.6 mi.	$ 141	$ 141	$ -
Bakersfield - Class II Bike Ln	Beale Av (Grace Street to 21st Street) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Bear Mountain Blvd (Coles Levee Rd to Unioin Av) 13. mi.	$ 1,171	$ 1,171	$ -
Bakersfield - Class II Bike Ln	Berkshire Rd (Colony St to Madison Av) 1.8 mi.	$ 162	$ 162	$ -
Bakersfield - Class II Bike Ln	Bernard St (Union Av to Haley St) 1.5 mi.	$ 133	$ 133	$ -
Bakersfield - Class II Bike Ln	Buena Vista Blvd (Comanche Dr to Union Av) 9.1 mi.	$ 817	$ 817	$ -
Bakersfield - Class II Bike Ln	Buena Vista Rd (Coulter Rd to SR 119) 1.5 mi.	$ 135	$ 135	$ -
Bakersfield - Class II Bike Ln	Campus Park Dr (Buena Vista Rd to White Ln) 1.6 mi.	$ 144	$ 144	$ -
Bakersfield - Class II Bike Ln	Clay Patrick Farr Wy (Hageman Rd to Rosedale Hwy) .8 mi.	$ 74	$ 74	$ -
Bakersfield - Class II Bike Ln	Coffee Rd (7th Std Rd to Norris Rd) 1.5 mi.	$ 134	$ 134	$ -
Bakersfield - Class II Bike Ln	College Av (College Av to Kern Canyon Rd) 1.5 mi.	$ 138	$ 138	$ -
Bakersfield - Class II Bike Ln	Columbus St (Union Av to River Blvd) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Comanche Dr (Muller Rd to Kern Canyon Rd) 5.9 mi.	$ 534	$ 534	$ -
Bakersfield - Class II Bike Ln	Di Giorgio Rd (Union Av to Pierce Dr) 4.3 mi.	$ 384	$ 384	$ -
Bakersfield - Class II Bike Ln	District Blvd (Chaney Ln to Stine Rd) 2.6 mi.	$ 238	$ 238	$ -
Bakersfield - Class II Bike Ln	E Pacheco Rd (Gasoline Alley to Monitor Street) .3 mi.	$ 28	$ 28	$ -

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class II Bike Ln	Ellington St (11th Av to Woollomes Av) 1.6 mi.	$ 146	$ 146	$ -
Bakersfield - Class II Bike Ln	F St (Golden State Av to 16th St) 1.2 mi.	$ 105	$ 105	$ -
Bakersfield - Class II Bike Ln	Flower St (Mount Vernon Av to Alta Vista Dr) 1.7 mi.	$ 149	$ 149	$ -
Bakersfield - Class II Bike Ln	Gosford Rd (Panama Ln to McCutchen Rd) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Gossford Rd (SR 119 to SR 223) 4. mi.	$ 361	$ 361	$ -
Bakersfield - Class II Bike Ln	Haley St (SR 178 to Niles St) .9 mi.	$ 78	$ 78	$ -
Bakersfield - Class II Bike Ln	Haley St (Panorama Dr to Columbus St) .9 mi.	$ 78	$ 78	$ -
Bakersfield - Class II Bike Ln	Harris Rd-Gasoline Alley (Wible Rd to Pacheco Rd) .7 mi.	$ 63	$ 63	$ -
Bakersfield - Class II Bike Ln	Hosking Av (Union Av to Cottonwood Rd) 1. mi.	$ 88	$ 88	$ -
Bakersfield - Class II Bike Ln	Jewetta Av (Palm Avenue to Brimhall Road) .5 mi.	$ 45	$ 45	$ -
Bakersfield - Class II Bike Ln	Kentucky St (Mt Vernon Avenue to Oswell Street) 2.8 mi.	$ 254	$ 254	$ -
Bakersfield - Class II Bike Ln	Kern Canyon Rd (Vineland Rd to Bedford Green Dr) .7 mi.	$ 65	$ 65	$ -
Bakersfield - Class II Bike Ln	Kratzmeyer Rd (Enos Ln to Allen Rd) 6. mi.	$ 541	$ 541	$ -
Bakersfield - Class II Bike Ln	Lake Ming Rd (Rudal Rd to Alfred Harrell Hwy) .3 mi.	$ 31	$ 31	$ -
Bakersfield - Class II Bike Ln	Laurelglen Blvd (Brookside Dr to Gosford Rd) .2 mi.	$ 18	$ 18	$ -
Bakersfield - Class II Bike Ln	M St (17th St to 30th St) .8 mi.	$ 76	$ 76	$ -
Bakersfield - Class II Bike Ln	Main St (DiGiorgio Rd to Bear Mountain Blvd) 3. mi.	$ 271	$ 271	$ -
Bakersfield - Class II Bike Ln	Martin Luther King Jr Blvd (Truxtun Av to SR 58) 1.4 mi.	$ 130	$ 130	$ -
Bakersfield - Class II Bike Ln	Masterson St (Comanche Dr to Kern Canyon Rd) 2.4 mi.	$ 215	$ 215	$ -
Bakersfield - Class II Bike Ln	McCutchen Rd (Buena Vista Rd to Stine Rd) 4. mi.	$ 364	$ 364	$ -
Bakersfield - Class II Bike Ln	McKee Rd (Ashe Rd to Ruggiano St) 2.8 mi.	$ 249	$ 249	$ -
Bakersfield - Class II Bike Ln	Mohawk St (Hageman Rd to SR 58) 1.3 mi.	$ 113	$ 113	$ -
Bakersfield - Class II Bike Ln	Monitor St (Hosking Av to SR 119) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Mount Vernon Av (Panorama Dr to Columbus St) 1.5 mi.	$ 139	$ 139	$ -
Bakersfield - Class II Bike Ln	Mountain Ridge Rd (Panama Ln to Taft Hwy) 2. mi.	$ 179	$ 179	$ -
Bakersfield - Class II Bike Ln	Mtn Vista Dr (Sharktooth Peak Dr to Berkshire Rd) .8 mi.	$ 71	$ 71	$ -
Bakersfield - Class II Bike Ln	N St (23rd St to California Av) .8 mi.	$ 72	$ 72	$ -
Bakersfield - Class II Bike Ln	Nord Av (7th Std Rd to Stockdale Hwy) 6. mi.	$ 540	$ 540	$ -
Bakersfield - Class II Bike Ln	Old Farm Rd (Snow Rd to Hageman Rd) 2. mi.	$ 179	$ 179	$ -
Bakersfield - Class II Bike Ln	Old River Rd (Pensinger Rd to Taft Hwy) 2.5 mi.	$ 225	$ 225	$ -
Bakersfield - Class II Bike Ln	Oswell St (Columbus St to Pico Av) .7 mi.	$ 65	$ 65	$ -
Bakersfield - Class II Bike Ln	Palm Av (Westdale Dr to Calloway Dr) 3. mi.	$ 269	$ 269	$ -
Bakersfield - Class II Bike Ln	Palm Av (Renfro Rd to Heath Rd) 1. mi.	$ 90	$ 90	$ -
Bakersfield - Class II Bike Ln	Panama Ln (SR 43 to Buena Vista Rd) 7. mi.	$ 631	$ 631	$ -
Bakersfield - Class II Bike Ln	Patton Wy (Snow Rd to Hageman Rd) 1.8 mi.	$ 158	$ 158	$ -
Bakersfield - Class II Bike Ln	Planz Rd (Madison St to Muller Rd) 2.5 mi.	$ 226	$ 226	$ -
Bakersfield - Class II Bike Ln	Potomac Av (S King Street to Monticello Avenue) 2.5 mi.	$ 225	$ 225	$ -
Bakersfield - Class II Bike Ln	Q St (Columbus St to 24th St) 1.2 mi.	$ 106	$ 106	$ -
Bakersfield - Class II Bike Ln	Redbank Rd (Fairfax Rd to Edison Rd) 3. mi.	$ 272	$ 272	$ -
Bakersfield - Class II Bike Ln	River Run Blvd (Ming Avenue to Buena Vista Road) .9 mi.	$ 83	$ 83	$ -
Bakersfield - Class II Bike Ln	Rudd Av (Palm Av to Brimhall Rd) .5 mi.	$ 45	$ 45	$ -
Bakersfield - Class II Bike Ln	S P St (Brundage Ln to Ming Av) 1.5 mi.	$ 132	$ 132	$ -
Bakersfield - Class II Bike Ln	Snow Rd (Calloway Dr to SR 99) 2.3 mi.	$ 208	$ 208	$ -
Bakersfield - Class II Bike Ln	Snow Rd (Allen Rd to Norris Rd) 1.4 mi.	$ 122	$ 122	$ -
Bakersfield - Class II Bike Ln	Stine Rd (SR 119 to SR 223) 4. mi.	$ 361	$ 361	$ -
Bakersfield - Class II Bike Ln	Stockdale Hwy (Claudia Autumn Dr to Enos Ln) 4.8 mi.	$ 429	$ 429	$ -
Bakersfield - Class II Bike Ln	Verdugo Ln (Olive Dr to Glenn St) 2.6 mi.	$ 237	$ 237	$ -
Bakersfield - Class II Bike Ln	Washington St (Edison Hwy to Casa Loma Dr) 2.3 mi.	$ 207	$ 207	$ -
Bakersfield - Class II Bike Ln	Wible Rd (SR 119 to SR 223) 4. mi.	$ 362	$ 362	$ -
Bakersfield - Class II Bike Ln	Knudsen Drive from Olive Drive to Hageman Road - 0.47 miles			

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class II Bike Ln	Brimhall Road from Renfro Road to Allen Road - 1.01 miles			
Bakersfield - Class II Bike Ln	Santa Fe Way from 7th Stnard Road to Hageman Road - 4.14 miles			
Bakersfield - Class II Bike Ln	Mountain Ridge Rd from Panama Ln to Taft Hwy - 2 miles			
Bakersfield - Class II Bike Ln	Reina Road from Renfro Road to Verdugo Lane - 2.04 miles			
Bakersfield - Class II Bike Ln	Allen Road from Snow Road to Hageman Road - 1.89 miles			
Bakersfield - Class II Bike Ln	Panama Lane from Interstate 5 to Gosford Road - 2.02 miles			
Bakersfield - Class II Buffered Bike Ln	34th St (Chester Av to Union Av) .9 mi.	$ 161	$ 161	$ -
Bakersfield - Class II Buffered Bike Ln	34th St (Chester Av to Union Av) .9 mi.	$ 161	$ 161	$ -
Bakersfield - Class II Buffered Bike Ln	4th St, Virginia Av (King St to Oswell St) 2.5 mi.	$ 451	$ 451	$ -
Bakersfield - Class II Buffered Bike Ln	Allen Rd (Snow Rd to White Ln) 7. mi.	$ 1,260	$ 1,260	$ -
Bakersfield - Class II Buffered Bike Ln	Camino Media (Old River Rd to Gosford Rd) 1.3 mi.	$ 235	$ 235	$ -
Bakersfield - Class II Buffered Bike Ln	Casa Loma Dr (Union Av to Fairfax Rd) 4. mi.	$ 720	$ 720	$ -
Bakersfield - Class II Buffered Bike Ln	Chester Av (California Av to Planz Rd) 3.1 mi.	$ 564	$ 564	$ -
Bakersfield - Class II Buffered Bike Ln	Coffee Rd (Snow Rd to Rosedale Hwy) 3. mi.	$ 540	$ 540	$ -
Bakersfield - Class II Buffered Bike Ln	Cottonwood Rd (Casa Loma Dr to Panama Rd) 5. mi.	$ 900	$ 900	$ -
Bakersfield - Class II Buffered Bike Ln	Fairfax Rd (Wilson Rd to Panama Rd) 6.6 mi.	$ 1,185	$ 1,185	$ -
Bakersfield - Class II Buffered Bike Ln	Fruitvale Av (Rosedale Hwy to Hageman St) 3. mi.	$ 540	$ 540	$ -
Bakersfield - Class II Buffered Bike Ln	Gosford Rd (Stockdale Hwy to Panama Ln) 4. mi.	$ 717	$ 717	$ -
Bakersfield - Class II Buffered Bike Ln	Hagerman Rd (Jenkins Rd to Jewetta Av) 1.5 mi.	$ 274	$ 274	$ -
Bakersfield - Class II Buffered Bike Ln	Harris Rd (Buena Vista Rd to Wible Rd) 5.1 mi.	$ 914	$ 914	$ -
Bakersfield - Class II Buffered Bike Ln	Hosking Av (Stine Rd to S Union Av) 3. mi.	$ 545	$ 545	$ -
Bakersfield - Class II Buffered Bike Ln	Manor St (N Chester Av to Columbus St) 3.4 mi.	$ 621	$ 621	$ -
Bakersfield - Class II Buffered Bike Ln	Ming Av (Old River Rd to Gosford Rd) 3. mi.	$ 541	$ 541	$ -
Bakersfield - Class II Buffered Bike Ln	Monterey St (Alta Vista Dr to Williams St) 1.3 mi.	$ 226	$ 226	$ -
Bakersfield - Class II Buffered Bike Ln	Mount Vernon (Brundage Ln to Muller Rd) 2. mi.	$ 358	$ 358	$ -
Bakersfield - Class II Buffered Bike Ln	Oswell St (Brundage Ln to Planz Rd) 2. mi.	$ 361	$ 361	$ -
Bakersfield - Class II Buffered Bike Ln	Panama Ln (Comanche Dr to Cottonwood Rd) 8.1 mi.	$ 1,450	$ 1,450	$ -
Bakersfield - Class II Buffered Bike Ln	Panama Rd (Main St to Habecker Rd) .5 mi.	$ 93	$ 93	$ -
Bakersfield - Class II Buffered Bike Ln	Renfro Rd (Santa Fe Wy to Culiacan Av) 4.1 mi.	$ 734	$ 734	$ -
Bakersfield - Class II Buffered Bike Ln	River Blvd (Panorama Dr to Bernard St) 1.3 mi.	$ 232	$ 232	$ -
Bakersfield - Class II Buffered Bike Ln	S H St (Berkshire Rd to Ming Av) 3.5 mi.	$ 629	$ 629	$ -
Bakersfield - Class II Buffered Bike Ln	Santa Fe Wy (7th Std Road to Hageman Road) 4.1 mi.	$ 746	$ 746	$ -
Bakersfield - Class II Buffered Bike Ln	Stine Rd (Hosking Av to Mohawk St) 5.5 mi.	$ 999	$ 999	$ -
Bakersfield - Class II Buffered Bike Ln	Taft Hwy (Enos Ln to Weedpatch Hwy) 19.1 mi.	$ 3,446	$ 3,446	$ -
Bakersfield - Class II Buffered Bike Ln	Union Av (SR 58 to SR 119) 5. mi.	$ 899	$ 899	$ -
Bakersfield - Class II Buffered Bike Ln	White Ln (S Allen Rd to S Union Av) 8.3 mi.	$ 1,487	$ 1,487	$ -
Bakersfield - Class III Bike Blvd	17th St (A Street to Truxtun Avenue) 1.3 mi.	$ 63	$ 63	$ -
Bakersfield - Class III Bike Blvd	18th St (Oak St to Baker St) 2.5 mi.	$ 127	$ 127	$ -
Bakersfield - Class III Bike Blvd	18th St (21st Street to 17th Street) .5 mi.	$ 27	$ 27	$ -
Bakersfield - Class III Bike Blvd	21st St (Kern River Pkwy Bike Trail to Oak St) .3 mi.	$ 16	$ 16	$ -
Bakersfield - Class III Bike Blvd	22nd St (F St to Q St) .7 mi.	$ 36	$ 36	$ -
Bakersfield - Class III Bike Blvd	30th St (Alder St to Chester Av) .3 mi.	$ 17	$ 17	$ -
Bakersfield - Class III Bike Blvd	36th St (Chester Avenue to San Dimas Path) .6 mi.	$ 30	$ 30	$ -
Bakersfield - Class III Bike Blvd	A St (California Av to Terrace Wy) 1.3 mi.	$ 63	$ 63	$ -
Bakersfield - Class III Bike Blvd	Appletree/Hahn Route (Wilson Rd to Wible Rd) 1.8 mi.	$ 90	$ 90	$ -
Bakersfield - Class III Bike Blvd	Baker St (California Avenue to S King Street) .4 mi.	$ 18	$ 18	$ -
Bakersfield - Class III Bike Blvd	Bank St/2nd St (Oak Street to S. P Street) 1.6 mi.	$ 80	$ 80	$ -
Bakersfield - Class III Bike Blvd	Belle Terrace (H St to Cottonwood Rd) 2. mi.	$ 101	$ 101	$ -
Bakersfield - Class III Bike Blvd	Berkshire Rd (Ashe Rd to Santana Sun Dr) 2.4 mi.	$ 119	$ 119	$ -
Bakersfield - Class III Bike Blvd	BRd Oak Av (St Gobain St to Oak Grove St) .2 mi.	$ 8	$ 8	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class III Bike Blvd	Camino Grande (Alfred Harrell to NE Bakersfield Path) 1.3 mi.	$ 65	$ 65	$ -
Bakersfield - Class III Bike Blvd	Chamber Blvd (Allen Rd to Grand Lakes Av) 3. mi.	$ 152	$ 152	$ -
Bakersfield - Class III Bike Blvd	Charger Av (La Costa St to Auburn St) 1.2 mi.	$ 59	$ 59	$ -
Bakersfield - Class III Bike Blvd	Chinon/Limoges Rte (McInnes Blvd to Hagn Oks Blvd) .4 mi.	$ 18	$ 18	$ -
Bakersfield - Class III Bike Blvd	Chippewa/Yorkshire (Constitution Av to Verdugo Ln) .9 mi.	$ 44	$ 44	$ -
Bakersfield - Class III Bike Blvd	Christmas Tree Ln (Mt Vernon Av to Panorama Dr) 1.7 mi.	$ 83	$ 83	$ -
Bakersfield - Class III Bike Blvd	Coventry/Benton Route (Larson Ln to Ming Av) 1.4 mi.	$ 70	$ 70	$ -
Bakersfield - Class III Bike Blvd	Edgemont Dr (Half Moon Dr to Wilson Rd) .3 mi.	$ 15	$ 15	$ -
Bakersfield - Class III Bike Blvd	El Capitan Bike Route (Noriega Rd to Old Farm Rd) .4 mi.	$ 22	$ 22	$ -
Bakersfield - Class III Bike Blvd	El Portal Dr (Laurelglen Blvd to Westwold Dr) .2 mi.	$ 9	$ 9	$ -
Bakersfield - Class III Bike Blvd	Ewoldsen (Oak Grove Street to N Half Moon Drive) .6 mi.	$ 31	$ 31	$ -
Bakersfield - Class III Bike Blvd	Exodus Ln (Kelvin grove to Iron Oak Wy) .2 mi.	$ 12	$ 12	$ -
Bakersfield - Class III Bike Blvd	Greenwich/Balvanera (Verdugo Ln to Calloway Dr) .6 mi.	$ 28	$ 28	$ -
Bakersfield - Class III Bike Blvd	Haggin Oaks Blvd (Ming Av to Limoges Wy) .5 mi.	$ 26	$ 26	$ -
Bakersfield - Class III Bike Blvd	Half Moon Dr (Olympia Dr to Olympia Dr) 2.1 mi.	$ 106	$ 106	$ -
Bakersfield - Class III Bike Blvd	Hawaii/Wailea (Allen Rd to Noriega Rd) .4 mi.	$ 19	$ 19	$ -
Bakersfield - Class III Bike Blvd	Height St (178 Overcrossing to River Blvd) .7 mi.	$ 37	$ 37	$ -
Bakersfield - Class III Bike Blvd	High Oak Dr (Mountain Oak Dr to Scarlet Oak Dr) .2 mi.	$ 10	$ 10	$ -
Bakersfield - Class III Bike Blvd	Iron Crk/Goose Crk CT (Allen Rd to Jasmine Pk Dr) 3.7 mi.	$ 183	$ 183	$ -
Bakersfield - Class III Bike Blvd	Jeffrey St (River Blvd to Kern Island Canal) 1.1 mi.	$ 55	$ 55	$ -
Bakersfield - Class III Bike Blvd	Jewett Av (Columbus St to 30th St) .8 mi.	$ 40	$ 40	$ -
Bakersfield - Class III Bike Blvd	K St (Garces Memorial Circle to 17th St) .9 mi.	$ 43	$ 43	$ -
Bakersfield - Class III Bike Blvd	Kahala/Constitution Rou (Hawaii Ln to Sundance Wy) 1.3 mi.	$ 67	$ 67	$ -
Bakersfield - Class III Bike Blvd	Kelvin Grove (Exodus Ln to Elizabeth Grove Court) .2 mi.	$ 11	$ 11	$ -
Bakersfield - Class III Bike Blvd	King St (California Av to SR 58) 1.1 mi.	$ 54	$ 54	$ -
Bakersfield - Class III Bike Blvd	Knudsen Dr (Norris Rd to Hageman Rd) .9 mi.	$ 44	$ 44	$ -
Bakersfield - Class III Bike Blvd	La Costa St (Christmas Tree Ln to Auburn St) .7 mi.	$ 34	$ 34	$ -
Bakersfield - Class III Bike Blvd	La France Dr (Castro Lane to El Toro Drive) 1. mi.	$ 51	$ 51	$ -
Bakersfield - Class III Bike Blvd	Laurel Pk/Wrangler (Bay Meadows Ln to Calloway Dr) 1.8 mi.	$ 92	$ 92	$ -
Bakersfield - Class III Bike Blvd	Madison St (SR 58 to White Ln) 2.4 mi.	$ 119	$ 119	$ -
Bakersfield - Class III Bike Blvd	Marella Wy (Garnsey Av to Montclair Street) .5 mi.	$ 27	$ 27	$ -
Bakersfield - Class III Bike Blvd	Mc Innes Blvd (Scarlet Oak Blvd to St Gobain Blvd) .2 mi.	$ 8	$ 8	$ -
Bakersfield - Class III Bike Blvd	McCray St/Oildale Dr (Willow Dr to W China Grd Lp) 1.9 mi.	$ 96	$ 96	$ -
Bakersfield - Class III Bike Blvd	McInnes/Westwold Path (McInnes Blvd to Wwold Dr) .2 mi.	$ 8	$ 8	$ -
Bakersfield - Class III Bike Blvd	Meacham Rd (Hageman Rd to Clay Patrick Farr Wy) 2.3 mi.	$ 115	$ 115	$ -
Bakersfield - Class III Bike Blvd	Mezzadro/Alderbrk/Lavina (Allen Rd to Allen Rd) 3.6 mi.	$ 182	$ 182	$ -
Bakersfield - Class III Bike Blvd	Mirador/Camino Real (178 OverXing Path to Rdige Rd) .6 mi.	$ 28	$ 28	$ -
Bakersfield - Class III Bike Blvd	Mountain Oak Rd (White Oak Dr to High Oak Dr) .1 mi.	$ 5	$ 5	$ -
Bakersfield - Class III Bike Blvd	Mountain Park Dr (Kern R Pkwy to River Run Blvd) .2 mi.	$ 9	$ 9	$ -
Bakersfield - Class III Bike Blvd	Mtn Oak/McInnes (Pk Path to McInnes - Wwold Path) .3 mi.	$ 17	$ 17	$ -
Bakersfield - Class III Bike Blvd	N St (Brundage Ln to California Av) 1. mi.	$ 49	$ 49	$ -
Bakersfield - Class III Bike Blvd	Noble Av Route (River Blvd to Columbus St) 2.3 mi.	$ 115	$ 115	$ -
Bakersfield - Class III Bike Blvd	Noriega Rd (Renfro Rd to Calloway Dr) 2.7 mi.	$ 137	$ 137	$ -
Bakersfield - Class III Bike Blvd	Nutmeg Dr (Half Moon Dr to Wilson Rd) .2 mi.	$ 10	$ 10	$ -
Bakersfield - Class III Bike Blvd	Oak Grove (Westwold Dr to BRd Oak Av) .1 mi.	$ 4	$ 4	$ -
Bakersfield - Class III Bike Blvd	Old Town/Nantucket (Allen Rd to Jewetta Av) 3.3 mi.	$ 166	$ 166	$ -
Bakersfield - Class III Bike Blvd	Olympia Dr (Laurelglen Blvd to Half Moon Dr) .5 mi.	$ 24	$ 24	$ -
Bakersfield - Class III Bike Blvd	Outingdale Dr (El Portal Dr to Ashe Rd) .7 mi.	$ 36	$ 36	$ -
Bakersfield - Class III Bike Blvd	Paul Av (Jewetta Avenue to Treasure Island Street) .9 mi.	$ 45	$ 45	$ -
Bakersfield - Class III Bike Blvd	Pin Oak Blvd (Bear Creek Rd to District Blvd) 1.1 mi.	$ 57	$ 57	$ -

METRO BAKERSFIELD SUBAREA

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Bakersfield - Class III Bike Blvd	Polo Dr (Dapple Wy to Meadow Creek St) .3 mi.	$ 13	$ 13	$ -
Bakersfield - Class III Bike Blvd	Quailwood/Quailridge (Truxtun Av to Stockdale Hwy) 1. mi.	$ 51	$ 51	$ -
Bakersfield - Class III Bike Blvd	Quantico Av (California Av to Brundage Ln) 1. mi.	$ 50	$ 50	$ -
Bakersfield - Class III Bike Blvd	Reina Rd (Allen Rd to Verdugo Ln) 1.5 mi.	$ 76	$ 76	$ -
Bakersfield - Class III Bike Blvd	Reliance Dr (Panama Ln to Reliance Dr) 2.2 mi.	$ 108	$ 108	$ -
Bakersfield - Class III Bike Blvd	Ridge Oak Dr (Old River Rd to Mountain Oak Road) .3 mi.	$ 14	$ 14	$ -
Bakersfield - Class III Bike Blvd	Riverlakes Dr (Elizabeth Grove to Coffee Rd) 1.7 mi.	$ 87	$ 87	$ -
Bakersfield - Class III Bike Blvd	Sage Dr (Half Moon Bay Drive to Wilson Road) .2 mi.	$ 10	$ 10	$ -
Bakersfield - Class III Bike Blvd	San Dimas St (36th Street to 38th St) .2 mi.	$ 10	$ 10	$ -
Bakersfield - Class III Bike Blvd	Scarlet Oak Blvd (High Oak Dr to Mc Innes Blvd) .2 mi.	$ 11	$ 11	$ -
Bakersfield - Class III Bike Blvd	St Gobain St (Mc Innes Blvd to BRd Oak Av) .2 mi.	$ 8	$ 8	$ -
Bakersfield - Class III Bike Blvd	Stellar Av (Old Farm Road to Campfire Drive) .3 mi.	$ 17	$ 17	$ -
Bakersfield - Class III Bike Blvd	Sundale Av (Ming Av to Stine Rd) 1.7 mi.	$ 85	$ 85	$ -
Bakersfield - Class III Bike Blvd	Toluca Dr Route (Renfro Rd to Allen Rd) 1.5 mi.	$ 74	$ 74	$ -
Bakersfield - Class III Bike Blvd	University Av (Panorama Dr to Columbus St) .7 mi.	$ 34	$ 34	$ -
Bakersfield - Class III Bike Blvd	Watts Dr (Union Av to Cottonwood Rd) .5 mi.	$ 25	$ 25	$ -
Bakersfield - Class III Bike Blvd	Wenatchee Av (Panorama Drive to Columbus Street) 1. mi.	$ 51	$ 51	$ -
Bakersfield - Class III Bike Blvd	Westwold Dr (Oak Grove St to El Portal Dr) .8 mi.	$ 40	$ 40	$ -
Bakersfield - Class III Bike Blvd	White Ln (Union Av to Cottonwood Rd) 1. mi.	$ 49	$ 49	$ -
Bakersfield - Class III Bike Blvd	White Oak Dr (Old River Rd to Mountain Oak Rd) .2 mi.	$ 12	$ 12	$ -
Bakersfield - Class III Bike Blvd	Yarnell (Paul Avenue to Calloway Drive) .3 mi.	$ 15	$ 15	$ -
Bakersfield - Class III Bike Route	H St (Taft Hwy to Bear Mountain Blvd) 4.2 mi.	$ 38	$ 38	$ -
Bakersfield - Class III Bike Route	Paladino Dr (Morning Dr to Alfred Harrell Hwy) 2.4 mi.	$ 22	$ 22	$ -
Bakersfield - Class III Bike Route	Rancheria Rd (Equestrian Center to Kern Canyon Rd) .4 mi.	$ 3	$ 3	$ -
Bakersfield - Class III Bike Route	Reina Rd (Nord Av to Allen Rd) 3. mi.	$ 27	$ 27	$ -
Bakersfield - Class III Bike Route	Olympia Drive from S. Laurel Glen Boulevard to Half Moon Bay Drive - 0.49 miles			
Bakersfield - Class III Bike Route	Old Walker Pass Road from Comanche Drive to Rancheria Road - 1.46 miles			
Bakersfield - Class III Bike Route	Kahala - Constitution Rou from Hawaii Lane to Jewetta Avenue - 1.34 miles			
Bakersfield - Class III Bike Route	Mezzadro/Alderbrk/Lavina from Allen Road to Allen Road - 3.63 miles			
Bakersfield - Class III Bike Route	Yarnell Bike Route from Paul Avenue to Calloway Drive - 0.31 miles			
Bakersfield - Class III Bike Route	Hawaii - Wailea from Allen Road to Noriega Road - 0.38 miles			
Bakersfield - Class III Bike Route	Mountain Park Dr from Kern River Parkway to River Run Boulevard - 0.18 miles			
Bakersfield - Class III Bike Route	Rose Petal Street from Brandy Rose Street to Ridge Oak Drive - 0.2 miles			
Bakersfield - Class III Bike Route	River Run Boulevard from Ming Avenue to Buena Vista Road - 0.93 miles			
Bakersfield - Class IV Cycle Track	21st St (Oak St to King St) 2.7 mi.	$ 801	$ 801	$ -
Bakersfield - Complete Streets	California Av (Mohawk St to Dr MLK Jr Blvd) 5.4 mi.	$ 3,092	$ 3,092	$ -
Bakersfield - Complete Streets	Golden State Av (21st St to 24th St) .3 mi.	$ 185	$ 185	$ -
Bakersfield - Complete Streets	Mt Vernon Av (E Brundage Ln to Columbus St) 3. mi.	$ 1,733	$ 1,733	$ -
Bakersfield - Complete Streets	Niles St (Union Av to Vineland Rd) 6.1 mi.	$ 3,513	$ 3,513	$ -
Bakersfield - Complete Streets	Palm St (Oak St to King St) 2.5 mi.	$ 1,462	$ 1,462	$ -
Bakersfield - Complete Streets	Stockdale/Brundage Ln (Old River Rd to S Fairfax Rd) 10.3 mi.	$ 5,949	$ 5,949	$ -
Bakersfield - Complete Streets	Union Av (W Columbus St to Ming Av) 4. mi.	$ 2,304	$ 2,304	$ -
Bakersfield/Caltrans - Class II Bike Ln	Morning Dr (Paladino Dr to Edison Hwy) 4.9 mi.	$ 445	$ 445	$ -
Bakersfield/Kern - Class I Shared Use	Alfred Harrell Hwy Path (Morning Dr to Existing Class I) 2.1 mi.	$ 1,853	$ 1,853	$ -
Bakersfield/Shftr - Class I Shared Use	7th Standard Rd (Nord Av to Rail Row Path) 6.5 mi.	$ 5,829	$ 5,829	$ -
Caltrans - Bikeway Study	SR 184 (Panama Rd to Di Giorgio Rd) 1. mi.	$ 150	$ 150	$ -
Caltrans - Class I Shared Use Path	Bike/Ped Bridge SR 178 (Height St to Mirador Dr) .1 mi.	$ 92	$ 92	$ -
Caltrans - Class I Shared Use Path	Weedpatch Hwy SR 184 (Mtn View Rd to Panama Rd) 1. mi.	$ 907	$ 907	$ -
Caltrans - Class II Bike Ln	E Bear Mtn Blvd SR 223 (Comanche Dr to Union St) 12.6 mi.	$ 1,138	$ 1,138	$ -
Caltrans - Class II Bike Ln	Kern Canyon Rd SR 178 (View St to Ranchiera Rd) 2.2 mi.	$ 198	$ 198	$ -

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Caltrans - Class II Bike Ln	Rosedale Hwy SR 58 (Enos Ln to Allen Rd) 6. mi.	$ 542	$ 542	$ -
Caltrans - Class II Bike Ln	SR 43/Enos Ln (Lerdo Hwy to Panama Ln) 14.2 mi.	$ 1,275	$ 1,275	$ -
Caltrans - Class II Bike Ln	SR 58 (Calloway Dr to Landco Dr) 3.4 mi.	$ 304	$ 304	$ -
Caltrans - Class II Bike Ln	SR 65 (James Rd to Merle Haggard Dr) 2.3 mi.	$ 203	$ 203	$ -
Caltrans - Class II Buffered Bike Ln	SR 58 (Allen Rd to Calloway Dr) 1.5 mi.	$ 269	$ 269	$ -
Caltrans - Class II Bike Ln	Weedpatch Hwy SR 184 (Brundage Ln to Mtn View Rd) 5.3 mi.	$ 476	$ 476	$ -
Bakersfield - Feasibility Studies	Various Feasibility Studies for Other Bike and Pedestrian Related Improvements			
Bakersfield - bike facilities	Various Locations - Construct Bike Boulevard projects			
Bakersfield - Intersection Enhanceme	Various Locations - Construct Intersection enhancement projects			
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 38,501**	**$ 38,501**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 198,001	$ 198,001	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 93,039**	**$ 93,039**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 52,523**	**$ 52,523**	**$ -**
Kern County - Corridor Improvement	Brundage Ln (Fairfax Rd to VineLn Rd) 1.9 mi.	$ 528	$ 528	$ -
Kern County - Corridor Improvement	Hall Rd (San Emidio St to Habecker Rd) .5 mi.	$ 141	$ 141	$ -
Kern County - Corridor Improvement	McCray St (Merle Haggard Dr to China Grade Loop) 1. mi.	$ 267	$ 267	$ -
Kern County - Corridor Improvement	Merle Haggard Dr (Pegasus Rd to Chester Av) 3.1 mi.	$ 844	$ 844	$ -
Kern County - Corridor Improvement	Myrtle Av (Panama Ln to Wharton Av) .9 mi.	$ 259	$ 259	$ -
Kern County - Corridor Improvement	Pioneer Dr (Oswell St to Morning Dr) .6 mi.	$ 153	$ 153	$ -
Kern County - Corridor Improvement	San Diego St (Burgundy Av to Wharton Av) .7 mi.	$ 190	$ 190	$ -
Kern County - Crossing Improvements	Airport Dr (Norris Rd to Roberts Ln) .7 mi.	$ 63	$ 63	$ -
Kern County - Crossing Improvements	Decatur St (N Chester Av to Sandord Dr) 1.3 mi.	$ 107	$ 107	$ -
Kern County - Crossing Improvements	E Fairview Rd (Hughes Ln to Farrel Dr) 2.2 mi.	$ 185	$ 185	$ -
Kern County - Crossing Improvements	Garber Wy (Bryant St to Malibar Av) .4 mi.	$ 32	$ 32	$ -
Kern County - Crossing Improvements	McCray St, Oildale Dr (W China Grade Loop to Roberts Ln) 1.3 mi.	$ 108	$ 108	$ -
Kern County - Crossing Improvements	Pioneer Dr (Oswell St to Normandy Dr) 1.5 mi.	$ 124	$ 124	$ -
Kern County - Crossing Improvements	Roberts Ln (Sanford Ln to Manor St) 1.8 mi.	$ 150	$ 150	$ -
Kern County - Crossing Improvements	W China Grade Loop (Airport Dr to N Chester Av) 1. mi.	$ 86	$ 86	$ -
Kern County - Sidewalk Improvement	Alta Vista Dr (Bernard Street to Panorama Drive) 1.1 mi.	$ 218	$ 218	$ -
Kern County - Sidewalk Improvement	Belle Terrace (Stine Road to H Street) 1.5 mi.	$ 288	$ 288	$ -
Kern County - Sidewalk Improvement	Bonita Rd (Main St to Habecker Rd) .5 mi.	$ 97	$ 97	$ -
Kern County - Sidewalk Improvement	Buena Vista Blvd (May Street to Buena Vista Blvd Mobile Park) .7 mi.	$ 140	$ 140	$ -
Kern County - Sidewalk Improvement	Carnation Ave (Mc Kee Road to Panama Road) .5 mi.	$ 95	$ 95	$ -
Kern County - Sidewalk Improvement	China Grade Loop (Chester Avenue to Manor Street) .5 mi.	$ 95	$ 95	$ -
Kern County - Sidewalk Improvement	College Av (Mt. Vernon Ave to Oswell St) 1. mi.	$ 190	$ 190	$ -
Kern County - Sidewalk Improvement	Collision St (Main St to Carnation Av) .2 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Columbus St (Loma Linda Drive to Alta Vista Drive) .2 mi.	$ 47	$ 47	$ -
Kern County - Sidewalk Improvement	Di Giorgio Rd (Pierce Drive to Weedpatch Highway) .7 mi.	$ 143	$ 143	$ -
Kern County - Sidewalk Improvement	Di Giorgio Rd (Fairfax Rd to Main St) 1. mi.	$ 190	$ 190	$ -
Kern County - Sidewalk Improvement	Dunnsmere St (San Diego Street to Weedpatch Highway) .2 mi.	$ 46	$ 46	$ -
Kern County - Sidewalk Improvement	Field St (Di Giorgio Rd to Tri Duncan Avenue) .5 mi.	$ 96	$ 96	$ -
Kern County - Sidewalk Improvement	Habecker Rd (Panama Rd to Segrue Rd) .7 mi.	$ 142	$ 142	$ -
Kern County - Sidewalk Improvement	Hall Rd (San Diego St to Main St) .3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Madison St (Belle Terrace to Casa Loma Drive) .4 mi.	$ 68	$ 68	$ -
Kern County - Sidewalk Improvement	Man O War St (Whirlaway St to Main St) .3 mi.	$ 59	$ 59	$ -
Kern County - Sidewalk Improvement	McKee Rd (H St to Shannon Dr) .5 mi.	$ 100	$ 100	$ -
Kern County - Sidewalk Improvement	McKee Rd (Main St to Carnation Av) .3 mi.	$ 49	$ 49	$ -
Kern County - Sidewalk Improvement	Mtn View Rd (RR xing to Sherman Rd) .8 mi.	$ 146	$ 146	$ -
Kern County - Sidewalk Improvement	Panama Rd (Habecker Rd to Main St) .5 mi.	$ 98	$ 98	$ -
Kern County - Sidewalk Improvement	Panama Rd (Gilbert Street to Habecker Rd) .7 mi.	$ 133	$ 133	$ -

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Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Kern County - Sidewalk Improvement	Pioneer Dr (Normandy Drive to Morning Dr) 1.4 mi.	$ 274	$ 274	$ -
Kern County - Sidewalk Improvement	Reynolds St (Whirlaway St to Main St) .3 mi.	$ 56	$ 56	$ -
Kern County - Sidewalk Improvement	Sanford Dr (Castaic Av to McKinley Av) .3 mi.	$ 54	$ 54	$ -
Kern County - Sidewalk Improvement	Segrue Rd (San Emidio St to Habecker Rd) 1. mi.	$ 181	$ 181	$ -
Kern County - Sidewalk Improvement	Shannon Dr (Astor Av to McKee Rd) .3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Sterling Rd (Hillburn Rd to Niles St) .3 mi.	$ 48	$ 48	$ -
Kern County - Sidewalk Improvement	Union Av (McKee Rd to Taft Hwy) .5 mi.	$ 96	$ 96	$ -
Kern County - Sidewalk Improvement	Wharton Av (San Emidio St to Myrtle Av) .7 mi.	$ 132	$ 132	$ -
Kern County - Complete Streets/ITS Ir	Other Future developments funded by a transportation impact fee and mitigation	$ 45,865	$ 45,865	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 52,440**	**$ 52,440**	**$ -**
Non-motorized Bakersfield	Construct Class I, II or Class IIII Bike Path; striping; signage	$ 34,972	$ 34,972	$ -
Kern County - Bikeway Study	Truxtun Av (Oak St to Washington St) 3.5 mi.	$ 530	$ 530	$ -
Kern County - Class I Shared Use Path	Bike/Ped Bridge SR 99 (Wood Lane to Wood Lane) .1 mi.	$ 51	$ 51	$ -
Kern County - Class I Shared Use Path	Norris Rd (Snow Rd to Manor St) 3.3 mi.	$ 3,009	$ 3,009	$ -
Kern County - Class II Bike Ln	Beardsley Av (McCray Street to Chester Avenue) .5 mi.	$ 46	$ 46	$ -
Kern County - Class II Bike Ln	Braeburn Dr (Country Club Dr to College Av) .6 mi.	$ 55	$ 55	$ -
Kern County - Class II Bike Ln	Breckenridge Rd (Weedpatch Hwy to Comanche Dr) 4.3 mi.	$ 386	$ 386	$ -
Kern County - Class II Bike Ln	Brimhall Rd (Enos Ln to Rudd Av) 4.5 mi.	$ 407	$ 407	$ -
Kern County - Class II Bike Ln	Brundage Ln (Madison St to Edison Hwy) 1.9 mi.	$ 170	$ 170	$ -
Kern County - Class II Bike Ln	Calloway Dr (Rosedale Hwy to Brimhall Rd) 1. mi.	$ 92	$ 92	$ -
Kern County - Class II Bike Ln	China Grade Loop (Carrere St to Manor St) .4 mi.	$ 38	$ 38	$ -
Kern County - Class II Bike Ln	Comanche Dr (Panama Ln to Muller Rd) 7.5 mi.	$ 678	$ 678	$ -
Kern County - Class II Bike Ln	Day Av (Manor St to N Chester Av) .5 mi.	$ 45	$ 45	$ -
Kern County - Class II Bike Ln	DiGiorgio Rd (Vineland Rd to Comanche Dr) 3. mi.	$ 273	$ 273	$ -
Kern County - Class II Bike Ln	Douglas St (McCray St to Chester Av) .5 mi.	$ 44	$ 44	$ -
Kern County - Class II Bike Ln	Edison Hwy (Mt Vernon Av to Comanche Dr) 7.8 mi.	$ 705	$ 705	$ -
Kern County - Class II Bike Ln	Edison Rd (Breckenridge Road to Edison Highway) .8 mi.	$ 75	$ 75	$ -
Kern County - Class II Bike Ln	Hageman Rd (Jenkins Rd to Nord Av) 2.5 mi.	$ 226	$ 226	$ -
Kern County - Class II Bike Ln	Hall Rd (SR 184 to Habecker Rd) .5 mi.	$ 46	$ 46	$ -
Kern County - Class II Bike Ln	Heath Rd (Hageman Rd to Stockdale Hwy) 3. mi.	$ 270	$ 270	$ -
Kern County - Class II Bike Ln	Hermosa Rd (Fairfax Rd to Comanche Dr) 5. mi.	$ 453	$ 453	$ -
Kern County - Class II Bike Ln	Houghton Rd (Old River Rd to Union Av) 6. mi.	$ 543	$ 543	$ -
Kern County - Class II Bike Ln	James Rd (SR 65 to Chester Av) 3.5 mi.	$ 314	$ 314	$ -
Kern County - Class II Bike Ln	McCray St (Merle Haggard Rd to Day Av) .4 mi.	$ 36	$ 36	$ -
Kern County - Class II Bike Ln	Meacham Rd (Nord Av to Allen Rd) 3. mi.	$ 271	$ 271	$ -
Kern County - Class II Bike Ln	Merle Haggard Rd (Chester Av to Airport Dr) 1. mi.	$ 89	$ 89	$ -
Kern County - Class II Bike Ln	Mountain View Rd (Fairfax Rd to Comanche Dr) 5. mi.	$ 454	$ 454	$ -
Kern County - Class II Bike Ln	Muller Rd (Comanche Dr to Oswell St) 6. mi.	$ 544	$ 544	$ -
Kern County - Class II Bike Ln	N Chester Av (McKelvey Av to Manor St) .3 mi.	$ 23	$ 23	$ -
Kern County - Class II Bike Ln	Old Farm Rd (Rosedale Hwy to Mia Virginia Court) .5 mi.	$ 46	$ 46	$ -
Kern County - Class II Bike Ln	Old River Rd (Taft Hwy to Shafter Rd) 4. mi.	$ 362	$ 362	$ -
Kern County - Class II Bike Ln	Panama Rd (Habecker Rd to S Comanche Dr) 3.5 mi.	$ 318	$ 318	$ -
Kern County - Class II Bike Ln	Pegasus Dr (Merle Haggard Dr to Norris Rd) 1.8 mi.	$ 158	$ 158	$ -
Kern County - Class II Bike Ln	Pioneer Dr (Vineland Rd to Oswell St) 3. mi.	$ 270	$ 270	$ -
Kern County - Class II Bike Ln	Roberts Ln (Norris Rd to Sequoia Dr) 1.7 mi.	$ 157	$ 157	$ -
Kern County - Class II Bike Ln	Roberts Ln (Chester Av to Manor St) .5 mi.	$ 48	$ 48	$ -
Kern County - Class II Bike Ln	Sunset Blvd (Weedpatch Hwy to Vineland Rd) 1. mi.	$ 93	$ 93	$ -
Kern County - Class II Bike Ln	Superior Rd (SR 58 to Stockdale Hwy) 2. mi.	$ 181	$ 181	$ -
Kern County - Class II Bike Ln	Vineland Rd (Pioneer Dr to SR 223) 11. mi.	$ 993	$ 993	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Kern County - Class II Bike Ln	Union Avenue from Panama Road to Bear Mountain Blvd - 4 miles			
Kern County - Class II Bike Ln	Santa Fe Way from Driver Road to Riverside Street - 3.6 miles			
Kern County - Class II Bike Ln	Rudd Avenue from Palm Avenue to Brimhall Road - 0.5 miles			
Kern County - Class II Bike Ln	Roberts Lane from Norris Road to Washington Avenue - 0.5 miles			
Kern County - Class II Bike Ln	Roberts Lane from Washington Avenue to Standford Drive - 0.7 miles			
Kern County - Class II Bike Ln	River Blvd from Panorama Drive to Bernard Street - 1.3 miles			
Kern County - Class II Bike Ln	Pioneer Drive from Oswell Steet to Morning Drive - 2 miles			
Kern County - Class II Bike Ln	Patton Way from Snow Road to Hageman Road - 1.8 miles			
Kern County - Class II Bike Ln	Panama Road from Weedpatch Hwy to S Comanche Drive - 4 miles			
Kern County - Class II Bike Ln	Palm Avenue from Heath Road to Renfro Road - 1 miles			
Kern County - Class II Buffered Bike Lr	Airport Dr (Roberts Ln to Merle Haggard Dr) 2.2 mi.	$ 403	$ 403	$ -
Kern County - Class II Buffered Bike Lr	California Av (Mt Vernon Av to Edison Hwy) .6 mi.	$ 101	$ 101	$ -
Kern County - Class II Buffered Bike Lr	Chester Av (Merle Haggard Rd to Norris Rd) 1.4 mi.	$ 253	$ 253	$ -
Kern County - Class II Buffered Bike Lr	Di Giorgio Rd (Pierce Dr to S Vineland Rd) 1.8 mi.	$ 320	$ 320	$ -
Kern County - Class II Buffered Bike Lr	Olive Dr (Coffee Rd to Victor St) 1.7 mi.	$ 304	$ 304	$ -
Kern County - Class II Buffered Bike Lr	S Union Av (Panama Rd to Bear Mountain Blvd) 4. mi.	$ 723	$ 723	$ -
Kern County - Class III Bike Blvd	Baldwin Rd (Terrace Wy to Ming Av) .8 mi.	$ 38	$ 38	$ -
Kern County - Class III Bike Blvd	Breckenridge Rd (End of Street to Comanche Drive) 4.5 mi.	$ 224	$ 224	$ -
Kern County - Class III Bike Blvd	C Club Dr/H Mann Av/Pentz St (College Av to Ctr St) .8 mi.	$ 40	$ 40	$ -
Kern County - Class III Bike Blvd	Castro Ln (Wood Lane to La France Drive) .1 mi.	$ 6	$ 6	$ -
Kern County - Class III Bike Blvd	Center St (Pentz St to Pesanta Rd) .8 mi.	$ 38	$ 38	$ -
Kern County - Class III Bike Blvd	China Grade Loop (City Limit to Alfred Harrell Highway) .9 mi.	$ 47	$ 47	$ -
Kern County - Class III Bike Blvd	Culver St (Sterling Rd to Pasante Rd) .1 mi.	$ 6	$ 6	$ -
Kern County - Class III Bike Blvd	Edwards Av (Mt Vernon Avenue to Oswell Street) 1.2 mi.	$ 59	$ 59	$ -
Kern County - Class III Bike Blvd	Ferguson Av (Chester Av to Manor St) .5 mi.	$ 24	$ 24	$ -
Kern County - Class III Bike Blvd	Floral Dr (Camino Real to Mt Vernon Avenue) .1 mi.	$ 6	$ 6	$ -
Kern County - Class III Bike Blvd	Habecker Rd (Panama Rd to Di Giorgio Rd) 1. mi.	$ 50	$ 50	$ -
Kern County - Class III Bike Blvd	Hall Rd (Main St to Habecker Rd) .4 mi.	$ 21	$ 21	$ -
Kern County - Class III Bike Blvd	Iron Oak Wy (Norris Rd to Exodus Ln) .1 mi.	$ 5	$ 5	$ -
Kern County - Class III Bike Blvd	Myrtle Av (Di Giorgio Rd to Panama Rd) 1. mi.	$ 50	$ 50	$ -
Kern County - Class III Bike Blvd	Norris Rd (Coffee Rd to Knudsen Dr) 1.8 mi.	$ 91	$ 91	$ -
Kern County - Class III Bike Blvd	Palm Av (Wagis Av to Heath Rd) .5 mi.	$ 25	$ 25	$ -
Kern County - Class III Bike Blvd	Pesante Rd (Culver St to Center St) .1 mi.	$ 3	$ 3	$ -
Kern County - Class III Bike Blvd	Round Mountain Rd (End of Street to China Grd Lp) 9.8 mi.	$ 489	$ 489	$ -
Kern County - Class III Bike Blvd	San Diego St (Di Giorgio Rd to Panama Rd) 1.1 mi.	$ 54	$ 54	$ -
Kern County - Class III Bike Blvd	Segrue Rd (San Emidio St to Habecker Rd) .9 mi.	$ 48	$ 48	$ -
Kern County - Class III Bike Blvd	Shafter Rd (Old River Rd to H St) 5. mi.	$ 250	$ 250	$ -
Kern County - Class III Bike Blvd	Shalimar Dr (Pioneer Dr to Niles St) .5 mi.	$ 25	$ 25	$ -
Kern County - Class III Bike Blvd	Sterling Rd (Brundage Ln to College Av) 2. mi.	$ 100	$ 100	$ -
Kern County - Class III Bike Blvd	Terrace Wy (A St to Baldwin Rd) .1 mi.	$ 3	$ 3	$ -
Kern County - Class III Bike Blvd	Valencia Dr (Pioneer Dr to College Av) 1. mi.	$ 50	$ 50	$ -
Kern County - Class III Bike Blvd	Wood Ln (99 Overcrossing to Castro Lane) .3 mi.	$ 13	$ 13	$ -
Kern County - Class III Bike Blvd	Wood Ln (Stine Road to 99 Overcrossing) .5 mi.	$ 24	$ 24	$ -
Kern County - Class III Bike Blvd	Woodrow Av (Roberts Ln to N Chester Av) 1.8 mi.	$ 92	$ 92	$ -
Kern County - Class III Bike Route	Airport Dr (Bksfld-Glennville Rd to Merle Haggard Dr) 1.9 mi.	$ 17	$ 17	$ -
Kern County - Class III Bike Route	Edison Rd (Edison Hwy to SR 223) 9.7 mi.	$ 87	$ 87	$ -
Kern County - Class III Bike Route	Fairfax Rd (Panama Rd to SR 223) 4. mi.	$ 36	$ 36	$ -
Kern County - Class III Bike Route	Olive Dr (Sequoia Dr to N Chester Av) .7 mi.	$ 7	$ 7	$ -
Kern County - Class IV Cycle Track	Olive Dr (Victor St to Sequoia Dr) 1.6 mi.	$ 478	$ 478	$ -
Kern County - Complete Streets	Palm Av (San Gorgonio St to Williams St) .6 mi.	$ 360	$ 360	$ -

METRO BAKERSFIELD SUBAREA

Subrea includes: City of Bakersfield and unincorporated communites (county areas) of East Bakersfield, Oildale, Greenfield, and Rosedale		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenu**	**YOE w/o new reven**	**Maint./Inflation Savings**
Advanced Tech, Safe, Clean Transporta	**Sub-total Projects in Subarea**	**$ 892,357**	**$ 892,357.01**	$ -

METRO BAKERSFIELD SUBAREA	**Total Projects Benefiting Subarea**	**$ 11,360,322**	**$ 13,714,355**	**$ 3,234,596**
	Total Projects in Sub Area	$ 8,842,981	$ 10,430,097	$ 2,467,679

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Delano - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 36,283**	**$ 36,283**	**$ 17,053**
Delano - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 107,565	$ 107,565	$ 50,555
McFarland - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 10,404**	**$ 10,404**	**$ 4,890**
McFarland - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 30,581	$ 30,581	$ 14,373
Shafter - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 17,082**	**$ 17,082**	**$ 8,028**
Shafter - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 47,470	$ 47,470	$ 22,311
Wasco - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 18,642**	**$ 18,642**	**$ 8,762**
Wasco - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 54,912	$ 54,912	$ 25,808
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trans**	**$ 68,106**	**$ 68,106**	**$ 32,010**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 233,518	$ 233,518	$ 109,753
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 171,378	$ 171,378	$ 80,548
Fix-It-First, Keep-It-Local / Cost-Efficier	**Sub-total Projects in Subarea**	**$ 795,940**	**$ 795,940**	**$ 374,092**
Regional Projects				
Ready-To-Go, Regional Projects				
7th Standard Rd	Rt 43 to Santa Fe Way - widen existing roadway	$ 11,857	$ 14,000	$ 2,143
Route 46	[1]Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4A	$ 27,000	$ 27,000	$ -
Route 46	[1]Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4B			
Route 46	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4C			
Route 65	James Rd to Merle Haggard Dr - widen to four lanes	$ 2,869	$ 3,000	$ 131
Route 99	Beardsley Canal to 7th Standard Rd - widen to eight lanes	$ 74,150	$ 90,800	$ 16,650
Route 99	[2]Olive Drive - construct interchange upgrades	$ 6,100	$ 6,100	$ -
Route 99	Kern Ave - reconstruct pedestrian bridge (SHOPP)	$ 5,391	$ 5,391	$ -
Hageman Flyover	[1,2]Knudsen Dr to Rt 204 - construct extension	$ 68,900	$ 68,900	$ -
West Beltway	[1,2]Pacheco Rd to Westside Parkway - construct new facility	$ 64,229	$ 115,793	$ 51,564
West Beltway	[1,2]Taft Hwy to Pacheco Rd - construct new facillity	$ 68,025	$ 90,000	$ 21,975
Freight Rail	Shafter Intermodal Rail Facility			
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 328,521**	**$ 420,984**	**$ 92,464**
Next-In-Line, Regional Projects				
Route 46	[1]I-5 to Jumper Ave - widen to four lanes	$ 89,188	$ 118,000	$ 28,812
Route 46	[1]Jumper Ave (North) to Rt 43 - widen to four lanes	$ 98,258	$ 130,000	$ 31,742
Route 46	[1]Rt 43 to Rt 99 - widen to four lanes	$ 52,908	$ 70,000	$ 17,092
Woollomes Ave.	[1]Rt 99 - widen bridge to four lanes; reconstruct ramps	$ 101,281	$ 134,000	$ 32,719
Santa Fe Way	[1]Hageman to Los Angeles Ave - widen to four lanes	$ 94,688	$ 127,239	$ 32,551
Route 46	Rt 46 @ BNSF - construct grade separation	$ 29,855	$ 39,500	$ 9,645
Route 46	Near Lost Hills at Interstate 5 - upgrade and widen interchange	$ 98,258	$ 130,000	$ 31,742
Interstate 5	7th Standard Rd Interchange - reconstruct	$ 40,815	$ 54,000	$ 13,185
Route 43	7th Standard Rd to Euclid Ave - widen to four lanes	$ 27,966	$ 37,000	$ 9,034
Route 65	Merle Haggard Dr to County Line - widen to four lanes	$ 163,259	$ 216,000	$ 52,741
Route 99	Gleenwood/High St - construct new overpass	$ 29,855	$ 39,500	$ 9,645
Route 99	Pond Rd - reconstruct grade separation / interchange	$ 55,100	$ 72,901	$ 17,800
Route 99	Perkins Ave - reconstuct hook ramps	$ 5,909	$ 7,818	$ 1,909
Route 99	Sherwood Ave - reconstruct hook ramps	$ 5,909	$ 7,818	$ 1,909
Route 99	Sherwood Ave - pedestrian bridge/improvements	$ 4,075	$ 5,391	$ 1,316
Route 99	Hanawalt - construct new grade separation / interchange	$ 66,091	$ 88,811	$ 22,720

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Route 99	Whistler grade separation / interchange - reconstruct	$ 55,100	$ 72,901	$ 17,800
Route 155	Rt 99 to Browning Rd - four lanes; reconstruct	$ 24,186	$ 32,000	$ 7,814
Route 155	Rt 155 @ UPRR - construct grade separation	$ 29,855	$ 39,500	$ 9,645
Garces Highway	Interstate 5 to Rt 99 - widen to four lanes	$ 218,422	$ 288,983	$ 70,562
Cecil Ave.	Wasco Pond Rd to Albany St - widen to four lanes	$ 13,454	$ 17,800	$ 4,346
Kimberlina Road	Kimberlina Rd @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Elmo Highway	Elmo Hwy @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Lerdo Highway	Lerdo Hwy / Beech Ave @ BNSF - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Burbank Street	Burbank St @ BNSF - construct grade separation	$ 44,594	$ 59,000	$ 14,406
Zachary Rd	7th Standard Rd to Lerdo Hwy - widen to four lanes	$ 26,080	$ 34,505	$ 8,425
7th Standard Rd	[2]I-5 to Santa Fe Way - widen to four lanes	$ 68,461	$ 90,577	$ 22,116
7th Standard Rd	[2]Rt 43 to Santa Fe Way - widen existing roadway	$ 11,857	$ 14,000	$ 2,143
Route 204	[2](Golden State Ave) Rt 99 to M St - construct operational improvements	$ 75,583	$ 100,000	$ 24,417
North Corridor - Shafter	I-5 to SR 65 - Burbank Street Alignment - construct new highway	$ 372,086	$ 500,000	$ 127,914
Amtrak Stations - NW Bksfld, Shafter	Up to 4 Amtrak San Joaquins stops on BNSF - platform, track turnout, park&ride, ticket both,	$ 27,024	$ 34,049	$ 7,024
Intermodal rail hub - Delano	RailEx Expansion Phase 2 (Draft SJV Interregional Goods Movement Plan IGM)	$ 8,107	$ 10,215	$ 2,107
Intermodal rail hub - Shafter	Shafter Inland Port Phases 2 & 3 (Draft SJV IGMP)	$ 81,073	$ 102,146	$ 21,073
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 2,168,193**	**$ 2,870,653**	**$ 702,460**
	Sub-total Projects Subarea	**$ 1,993,188**	**$ 2,638,837**	**$ 645,649**
Advanced Tech, Safe, Clean Transportation				
Delano - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 12,316**	**$ 12,316**	**$ -**
Delano - non-potential new funds	Cost-efficient, safe, clean transportion	$ 51,758	$ 51,758	$ -
Delano - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 12,425**	**$ 12,425**	**$ -**
Delano - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 29,672**	**$ 29,672**	**$ -**
Delano - Bulbouts	10th Av - Main St	$ 60	$ 60	$ -
Delano - Bulbouts	13th Av - Main St	$ 60	$ 60	$ -
Delano - Bulbouts	Garces Hwy - S Lexington St	$ 60	$ 60	$ -
Delano - Corridor Improvement	11th Av (Timmons Av to Randolph St) 2.3 mi.	$ 623	$ 623	$ -
Delano - Corridor Improvement	Albany St (County Line Rd to Woollomes Av) 3. mi.	$ 825	$ 825	$ -
Delano - Corridor Improvement	Ellington St (Cecil Av to Garces Hwy) 1. mi.	$ 280	$ 280	$ -
Delano - Corridor Improvement	Jefferson St (Cecil Av to Garces Hwy) 1. mi.	$ 280	$ 280	$ -
Delano - Corridor Improvement	Woollomes Av (Albany St to Ellington St) .8 mi.	$ 218	$ 218	$ -
Delano - High-Visibility Crosswalk	Cecil Av - Clinton St	$ 11	$ 11	$ -
Delano - RRFB	Norwalk St - 17th Av	$ 30	$ 30	$ -
Kern County - Sidewalk Improvement	Mathews Av (Christina Street to Melcher Road) .3 mi.	$ 1,500	$ 1,500	$ -
Delano - Complete Streets/ITS Improv	Other Future developments funded by a transportation impact fee and mitigation	$ 25,724	$ 25,724	$ -
Delano - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 9,661**	**$ 9,661**	**$ -**
Delano - Class II Bike Ln	11th St (Randolph St to Albany St) 1.5 mi.	$ 136	$ 136	$ -
Delano - Class II Bike Ln	20th St (Girard St to Browning Rd) 1.5 mi.	$ 135	$ 135	$ -
Delano - Class II Bike Ln	Albany St (Garces Hwy to Woollomes Av) 1. mi.	$ 90	$ 90	$ -
Delano - Class II Bike Ln	Cecil Av (Hiett Av to Albany St) 5. mi.	$ 45	$ 45	$ -
Delano - Class II Bike Ln	Garces Hwy (Hiett Av to Albany St) 5. mi.	$ 45	$ 45	$ -
Delano - Class II Bike Ln	Girard St (20th St to County Line Rd) .5 mi.	$ 45	$ 45	$ -
Delano - Class II Bike Ln	Hiett Rd (Cecil Av to SR 155) 1. mi.	$ 90	$ 90	$ -
Delano - Class II Bike Ln	High St (SR 155 to Woollomes Av) 1.1 mi.	$ 95	$ 95	$ -
Delano - Class II Bike Ln	Randolph St (Garces St to County Line Rd) 2. mi.	$ 180	$ 180	$ -
Delano - Class II Bike Ln	S Lexington St (Schuster Rd to Garces Hwy) 2.1 mi.	$ 186	$ 186	$ -
Delano - Class II Bike Ln	Ellington St (11th Av to Woollomes Av) 1. mi.	$ 146	$ 146	$ -
Delano - Class II Bike Ln	Dover Pkwy (Millenium Pkwy to Garzoli Av) .6 mi.	$ 54	$ 54	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Delano - Class II Bike Ln	Schuster Rd (Lexington St to Browning Rd) .6 mi.	$ 54	$ 54	$ -
Delano - Class II Bike Ln	Hiett Av (County Line Rd to Cecil Av) 1. mi.	$ 90	$ 90	$ -
Delano - Class II Bike Ln	Garzoli Av (Woollomes Av to Pond Rd) 2. mi.	$ 180	$ 180	$ -
Delano - Class II Buffered Bike Ln	Browning St (Garces Hwy to 9th Av) .5 mi.	$ 90	$ 90	$ -
Delano - Class II Buffered Bike Ln	Browning St (9th Av to County Line Rd) 1.5 mi.	$ 271	$ 271	$ -
Delano - Class II Buffered Bike Ln	High St (Garces Hwy to Girard St) 1.7 mi.	$ 309	$ 309	$ -
Delano - Class III Bike Blvd	Clinton St (Cecil Av to Garces Hwy) 1. mi.	$ 51	$ 51	$ -
Delano - Class III Bike Blvd	Lexington St (Garces Hwy to Cecil Av) 1. mi.	$ 50	$ 50	$ -
Delano - Class III Bike Blvd	Norwalk Av (Cecil Av to County Line Rd) 1. mi.	$ 50	$ 50	$ -
Delano - Class III Bike Route	11th Av (Albany St to Hiett Av) .5 mi.	$ 5	$ 5	$ -
Delano - Class III Bike Route	20th Av (Albany St to Belmont St) .1 mi.	$ 1	$ 1	$ -
Delano - Class III Bike Route	9th St (High St to Browning Rd) 1.3 mi.	$ 12	$ 12	$ -
Delano - Class III Bike Route	Belmont St (20th Av to Cecil Av) .5 mi.	$ 5	$ 5	$ -
Delano - Class III Bike Route	Browning Rd (SR 155 to Skyline Rd) 2. mi.	$ 18	$ 18	$ -
Delano - Class III Bike Route	County Line Rd (Hiett Av to Veneto St) 3. mi.	$ 27	$ 27	$ -
Delano - Class III Bike Route	Melcher Rd (County Line Rd to Cecile Wy) 1. mi.	$ 9	$ 9	$ -
Delano - Class III Bike Route	Veneto St (County Line Rd to 20th St) .5 mi.	$ 5	$ 5	$ -
Delano - Class III Bike Route	Garzoli Av (Pond Rd to Delano City Limit) .5 mi.	$ 50	$ 50	$ -
Delano - Complete Streets	Cecil Av (Browning Rd to Albany St) 2. mi.	$ 1,146	$ 1,146	$ -
Delano - Complete Streets	Garces Hwy (Albany St to Browning Rd) 2. mi.	$ 1,140	$ 1,140	$ -
Delano - Complete Streets	Lexington St (Garces Hwy to Cecil Av) 1. mi.	$ 575	$ 575	$ -
Delano - Complete Streets	Albany St (County Line Rd to Garces Hwy) 2. mi.	$ 1,150	$ 1,150	$ -
Delano - Complete Streets	Woolomes Av (Albany St to Lexington St) 1. mi.	$ 575	$ 575	$ -
Kern County - Class II Bike Ln	Garzoli Av (Peterson Rd to Delano City Limit) .8 mi.	$ 68	$ 68	$ -
	Lake Woollomes Loop from Lake Woollomes to Lake Woollomes - 5.3 miles - Class I	$ 2,104	$ 2,104	$ -
	Stradley Avenue from SR 155 to Sherwood Avenue - 6 miles - Class II	$ 179	$ 179	$ -
	Pond Road from Benner Avenue to Stradley Avenue - 3 miles - Class II	$ 91	$ 91	$ -
	Mast Avenue from Garces Hwy to Airport Avenue - 1 miles - Class II	$ 30	$ 30	$ -
	Airport Avenue from Mast Avenue to Proposed Woollomes - 2.7 miles - Class II	$ 81	$ 81	$ -
McFarland - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 3,406**	**$ 3,406**	**$ -**
McFarland - non-potential new funds	Cost-efficient, safe, clean transportion	$ 14,286	$ 14,286	$ -
McFarland - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 3,407**	**$ 3,407**	**$ -**
McFarland - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 4,898**	**$ 4,898**	**$ -**
McFarland - Corridor Improvement	5th St (Perkins Av to Sherwood Av) .5 mi.	$ 137	$ 137	$ -
McFarland - Corridor Improvement	Browning Rd (Glenwood Av to Sherwood Av) .7 mi.	$ 187	$ 187	$ -
McFarland - Corridor Improvement	E Kern Av (McFarland Bridge to Wiley St) .5 mi.	$ 135	$ 135	$ -
McFarland - Corridor Improvement	Perkins Av Access Ramp (West Perkins Av to Christopher Court) .3 mi.	$ 89	$ 89	$ -
McFarland - Corridor Improvement	Sherwood Av Access Ramp (West Sherwood Av to East Sherwood Av) .3 mi.	$ 90	$ 90	$ -
McFarland - High-Visibility	2nd St - Kern Av	$ 11	$ 11	$ -
McFarland - High-Visibility	Mast Av - Cliff Av	$ 11	$ 11	$ -
McFarland - High-Visibility	Taylor Av - Mast Av	$ 11	$ 11	$ -
McFarland - Sidewalk Improvement	1st St (W Kern Av to W Sherwood Av) .2 mi.	$ 47	$ 47	$ -
McFarland - Sidewalk Improvement	1st St (W Perkins Av to W Kern Av) .3 mi.	$ 49	$ 49	$ -
McFarland - Sidewalk Improvement	W Kern Av (9th St to 1st St) .6 mi.	$ 108	$ 108	$ -
McFarland - Sidewalk Improvement	W Perkins Av (Garzoli Av to Frontage Rd) .7 mi.	$ 130	$ 130	$ -
McFarland - Complete Streets/ITS Imp	Other Future developments funded by a transportation impact fee and mitigation	$ 3,894	$ 3,894	$ -
McFarland - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 5,980**	**$ 5,980**	**$ -**
McFarland - Class I Shared Use Path	Union Pacific RR (Sherwood Av to Elmo Hwy) 1.1 mi.	$ 1,004	$ 1,004	$ -
McFarland - Class II Bike Ln	Browning Rd (Elmo Hwy to W Taylor Av) 1.5 mi.	$ 135	$ 135	$ -
McFarland - Class II Bike Ln	Davis Av (Elmo Hwy to Perkins Av) .5 mi.	$ 45	$ 45	$ -
McFarland - Class II Bike Ln	Elmo Hwy (Browning Rd to West City Limits) 3.5 mi.	$ 315	$ 315	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
McFarland - Class II Bike Ln	Frontage Rd (Sherwood Av to Taylor Av) .6 mi.	$ 54	$ 54	$ -
McFarland - Class II Bike Ln	Frontage Rd (Hail Ln to Perkins Av) .3 mi.	$ 27	$ 27	$ -
McFarland - Class II Bike Ln	Hail Ln (Garzoli Av to Frontage Rd) .7 mi.	$ 59	$ 59	$ -
McFarland - Class II Bike Ln	Kendra St (Elmo Hwy to Perkins Av) .5 mi.	$ 45	$ 45	$ -
McFarland - Class II Bike Ln	Mast Av (Taylor Av to Whisler Rd) 1.5 mi.	$ 135	$ 135	$ -
McFarland - Class II Bike Ln	Perkins Av (Garzoli Av to Stradley Av) 1. mi.	$ 90	$ 90	$ -
McFarland - Class II Bike Ln	Sherwood Access Ramps (SR 49/99 to Sherwood Av) .3 mi.	$ 23	$ 23	$ -
McFarland - Class II Bike Ln	Sherwood Av (Wiley St to Driver Rd) .7 mi.	$ 65	$ 65	$ -
McFarland - Class II Bike Ln	Taylor Av (Mast Av to Frontage Rd) .4 mi.	$ 36	$ 36	$ -
McFarland - Class II Bike Ln	Taylor Av (SR 99 to Driver Rd) 1.1 mi.	$ 100	$ 100	$ -
McFarland - Class II Bike Ln	W Kern Av (5th St to Garzoli Av) .4 mi.	$ 35	$ 35	$ -
McFarland - Class II Buffered Bike Ln	E Perkins Av (Industrial St to Bowman Rd) .7 mi.	$ 128	$ 128	$ -
McFarland - Class II Buffered Bike Ln	E Sherwood Av (Industrial St to Wiley St) .4 mi.	$ 76	$ 76	$ -
McFarland - Class II Buffered Bike Ln	Garzoli Av (Hanahwalt Av to Elmo Hwy) 2. mi.	$ 359	$ 359	$ -
McFarland - Class II Buffered Bike Ln	Perkins Av (Garzoli Av to Frontage Rd) .7 mi.	$ 123	$ 123	$ -
McFarland - Class II Buffered Bike Ln	Perkins Av Access Ramp (W Prkns Av to E Prkns Av) .3 mi.	$ 53	$ 53	$ -
McFarland - Class III Bike Blvd	3rd St (Perkins Av to Sherwood Av) .5 mi.	$ 25	$ 25	$ -
McFarland - Class III Bike Blvd	5th St (Hail Ln to Ebell St) .9 mi.	$ 44	$ 44	$ -
McFarland - Class III Bike Blvd	E Kern Av (McFarland Bridge to Wiley St) .5 mi.	$ 24	$ 24	$ -
McFarland - Class III Bike Blvd	Ebell St (5th St to Mast Av) .1 mi.	$ 5	$ 5	$ -
McFarland - Class III Bike Blvd	W Kern Av (1st St to 5th St) .3 mi.	$ 17	$ 17	$ -
McFarland - Complete Streets	W Sherwood Av (1st St to Garzoli Av) .8 mi.	$ 440	$ 440	$ -
Kern County - Class II Bike Ln	Bowman Rd (Peterson Rd to Whisler Rd) 4. mi.	$ 360	$ 360	$ -
Kern County - Class II Bike Ln	Driver Rd (Whisler Rd to Peterson Rd) 4. mi.	$ 359	$ 359	$ -
Kern County - Class II Bike Ln	Garzoli Av (Peterson Rd to Elmo Hwy) 1. mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Garzoli Av (Hanawalt Av to Whisler Rd) 1. mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Hanawalt Av (SR 99 to Stradley Av) 2. mi.	$ 181	$ 181	$ -
Kern County - Class II Bike Ln	Hanawalt Av (SR 99 to Driver Rd) 1. mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Nill Av (Garzoli Av to SR 99) 1.1 mi.	$ 100	$ 100	$ -
Kern County - Class II Bike Ln	Perkins Av (Bowman Rd to Driver Rd) .5 mi.	$ 45	$ 45	$ -
Kern County - Class II Bike Ln	Peterson Rd (Stradley Av to Garzoli Av) 1. mi.	$ 89	$ 89	$ -
Kern County - Class II Bike Ln	Peterson Rd (Driver Rd to Scheitlin Av) 1.5 mi.	$ 139	$ 139	$ -
Kern County - Class II Bike Ln	Scheitlin Av (Peterson Rd to Elmo Hwy) 1.1 mi.	$ 101	$ 101	$ -
Kern County - Class II Bike Ln	Sherwood Av (Stradley Av to Garzoli Av) 1. mi.	$ 90	$ 90	$ -
Kern County - Class II Bike Ln	Stradley Av (Peterson Rd to Whisler Rd) 4. mi.	$ 360	$ 360	$ -
Kern County - Class II Bike Ln	Taylor Av (Stradley Av to Garzoli Av) 1. mi.	$ 91	$ 91	$ -
Kern County - Class II Bike Ln	Whisler Rd (Stradley Av to Driver Rd) 3.1 mi.	$ 275	$ 275	$ -
	Sherwood Avenue from Stradley Avenue to S Garzoli Avenue - 1 miles - Class II	$ 30	$ 30	$ -
	Perkins Avenue from Stradley Avenue to S Garzoli Avenue - 1 miles - Class II	$ 30	$ 30	$ -
Shafter - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,194**	**$ 4,194**	**$ -**
Shafter - non-potential new funds	Cost-efficient, safe, clean transportion	$ 17,625	$ 17,625	$ -
Shafter - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 4,231**	**$ 4,231**	**$ -**
Shafter - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 8,259**	**$ 8,259**	**$ -**
Caltrans - Corridor Improvement	Lerdo Hwy (Shafter Av to Hwy 43) .4 mi.	$ 121	$ 121	$ -
Shafter - Crossing Improvements	E Munzer St (E Lerdo Hwy to Shafter Av) .2 mi.	$ 20	$ 20	$ -
Shafter - Crossing Improvements	James St (E Lerdo Hwy to Shafter Av) .4 mi.	$ 36	$ 36	$ -
Shafter - Crossing Improvements	Shafter Av (W Munzer St to Poso Av) .2 mi.	$ 18	$ 18	$ -
Shafter - High-Visibility Crosswalk	Central Av - Calloway St	$ 11	$ 11	$ -
Shafter - High-Visibility Crosswalk	Kern St - Central Av	$ 3	$ 3	$ -
Shafter - High-Visibility Crosswalk	N Shafter Av - BNSF Railroad	$ 11	$ 11	$ -
Shafter - Complete Streets/ITS Impro	Other Future developments funded by a transportation impact fee and mitigation	$ 8,039	$ 8,039	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Shafter - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 5,135**	**$ 5,135**	**$ -**
Caltrans - Complete Streets	Central Valley Hwy SR 43 (Mayer Ln to Beech Av) 2.5 mi.	$ 1,430	$ 1,430	$ -
Kern County - Class III Bike Route	Kimberlina Rd (Central Av to Shafter Av) 4.6 mi.	$ 41	$ 41	$ -
Shafter - Class II Bike Ln	Beech Av (SR 43 to 7th Std Rd) 4.8 mi.	$ 435	$ 435	$ -
Shafter - Class II Bike Ln	Fresno Av (Palm Av to Cherry Av) 6.1 mi.	$ 545	$ 545	$ -
Shafter - Class II Bike Ln	Poplar Av (Fresno Av to Riverside St) 2. mi.	$ 181	$ 181	$ -
Shafter - Class II Buffered Bike Ln	E Lerdo Hwy (Cherry Av to Mannel Av) 1.5 mi.	$ 275	$ 275	$ -
Shafter - Class II Buffered Bike Ln	E Tulare Av (Mannel Av to N Beech Av) .5 mi.	$ 90	$ 90	$ -
Shafter - Class II Buffered Bike Ln	Lerdo Hwy (Poplar Av to SR 43) 1.4 mi.	$ 258	$ 258	$ -
Shafter - Class II Buffered Bike Ln	Los Angeles Av (Mettler Av to Thompson St) .7 mi.	$ 134	$ 134	$ -
Shafter - Class II Buffered Bike Ln	Mannel Av (E Tulare Av to E Lerdo Hwy) .5 mi.	$ 90	$ 90	$ -
Shafter - Class II Buffered Bike Ln	Shafter Av (Redwood Dr to Lerdo Hwy) .7 mi.	$ 135	$ 135	$ -
Shafter - Class II Buffered Bike Ln	Shafter Av (Lerdo Hwy to Riverside St) 1. mi.	$ 180	$ 180	$ -
Shafter - Class III Bike Blvd	E Tulare Av (Shafter Av to Mannel Av) .5 mi.	$ 25	$ 25	$ -
Shafter - Class III Bike Blvd	James St (Shafter Av to E Lerdo Hwy) .4 mi.	$ 21	$ 21	$ -
Shafter - Class III Bike Blvd	Mark Av (Knight St to N Valley St) .4 mi.	$ 20	$ 20	$ -
Shafter - Class III Bike Blvd	N Beech Av (E Tulare Av to E Lerdo Hwy) .5 mi.	$ 25	$ 25	$ -
Shafter - Class III Bike Blvd	N Wall St (Richland Dr to W Tulare Av) .2 mi.	$ 8	$ 8	$ -
Shafter - Class III Bike Blvd	Poso Av (N Valley St to Shafter Av) .2 mi.	$ 12	$ 12	$ -
Shafter - Class III Bike Blvd	Schnaidt St (W Los Angeles St to Mark Av) .7 mi.	$ 37	$ 37	$ -
Shafter - Class III Bike Blvd	Valley St (Poso Av to Rodriguez Av) .7 mi.	$ 34	$ 34	$ -
Shafter - Class III Bike Route	Beech Av (Fresno Av to Tulare Av) .5 mi.	$ 5	$ 5	$ -
Shafter - Class III Bike Route	Burbank St (Drr Rd to Zachary Av) 1. mi.	$ 9	$ 9	$ -
Shafter - Class III Bike Route	Cherry Av (Fresno Av to Riverside St) 2. mi.	$ 18	$ 18	$ -
Shafter - Class III Bike Route	Drr Rd (Riverside St to Burbank St) 1. mi.	$ 9	$ 9	$ -
Shafter - Class III Bike Route	E Los Angeles Av (Thompson St to SR 43) .8 mi.	$ 7	$ 7	$ -
Shafter - Class III Bike Route	Mannel Av (Redwood Dr to E Tulare Av) .2 mi.	$ 2	$ 2	$ -
Shafter - Class III Bike Route	Redwood Dr (Shafter Av to Mannel Av) .5 mi.	$ 5	$ 5	$ -
Shafter - Class III Bike Route	Riverside St (SR 99 to Drr Rd) 5.1 mi.	$ 46	$ 46	$ -
Shafter - Class III Bike Route	Shafter Av (Kimberlina Rd to Redwood Dr) 3.3 mi.	$ 30	$ 30	$ -
Shafter - Class III Bike Route	Zachary Av (Burbank St to 7th Std Rd) 2. mi.	$ 18	$ 18	$ -
Shafter - Complete Streets	Kern Av (Sunset Av to State Av) .3 mi.	$ 170	$ 170	$ -
	Shafter Avenue from Sierra Avenue (Shafter) to Kimberlina Road - 3.3 miles - Class II	$ 98	$ 98	$ -
	Riverside Street from Central Valley Hwy to Driver Road - 2.6 miles - Class II	$ 78	$ 78	$ -
	Riverside Street from Poplar Avenue to Charry Avenue - 2.5 miles - Class II	$ 75	$ 75	$ -
	Poplar Avenue from Fresno Avenue to Riverside Street - 2 miles - Class II	$ 60	$ 60	$ -
	Palm Avenue from Kimberlina Road to Fresno Avenue - 3 miles - Class II	$ 90	$ 90	$ -
	Palm Avenue from Lupine Court to Kimberlina Road - 1.5 miles - Class II	$ 45	$ 45	$ -
	Magnolia Avenue from McCombs Road to Kimbelina Road - 4 miles - Class II	$ 121	$ 121	$ -
	Kimberlina Road from Magnolia Avenue to Shafter Avenue - 5.1 miles - Class II	$ 152	$ 152	$ -
	Fresno Avenue from Palm Avenue to Shafter Avenue - 4.1 miles - Class II	$ 122	$ 122	$ -
Shafter - Freight Rail	**Shafter Intermodal Rail Facility**	**$ 30,000**	**$ 30,000**	**$ -**
Wasco - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 6,151**	**$ 6,151**	**$ -**
Wasco - existing funds	Cost-efficient, safe, clean transportion	$ 25,828	$ 25,828	$ -
Wasco - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,183**	**$ 6,183**	**$ -**
Wasco - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 3,736**	**$ 3,736**	**$ -**
Caltrans - Sidewalk Improvement	Paso Robles Hwy (46) (Central Av to F St) 1.4 mi.	$ 261	$ 261	$ -
Wasco - Corridor Improvement	1st St (Peters St to E St) .9 mi.	$ 254	$ 254	$ -
Wasco - Corridor Improvement	7th St (Magnolia Av to Griffith Av) 1.5 mi.	$ 413	$ 413	$ -
Wasco - Corridor Improvement	F St (Filburn Av to Poso Dr) .5 mi.	$ 137	$ 137	$ -
Wasco - Corridor Improvement	Palm Av (Gromer Av to Filburn St) 2. mi.	$ 551	$ 551	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Wasco - Corridor Improvement	Poso Av (Central Av to G St) 1.5 mi.	$ 408	$ 408	$ -
Wasco - Crossing Improvements	7th St (Griffith Av to G St) .4 mi.	$ 38	$ 38	$ -
Wasco - Crossing Improvements	8th St (D St to G St) .2 mi.	$ 19	$ 19	$ -
Wasco - Sidewalk Improvement	F St, Hwy (43) (Paso Robles Hwy (46) to Poso Av) 1. mi.	$ 190	$ 190	$ -
Wasco - Complete Streets/ITS Improv	Other Future developments funded by a transportation impact fee and mitigation	$ 1,465	$ 1,465	$ -
Wasco - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 15,909**	**$ 15,909**	**$ -**
Caltrans - Class II Bike Ln	SR 46 (East City Limits to SR 43) .6 mi.	$ 52	$ 52	$ -
Caltrans - Class IV Cycle Track	SR 46 (Central Av to F St) 1.4 mi.	$ 411	$ 411	$ -
Wasco - Class I Shared Use Path	Filburn/Central Av Path (Palm Av to North Palm Av) 2.5 mi.	$ 2,237	$ 2,237	$ -
Wasco - Class I Shared Use Path	Filburn/McCombs Path (I-5 N to SR 43) 22.6 mi. (partial funding)	$ 7,210	$ 7,210	$ -
Wasco - Class I Shared Use Path	Wasco Av & SR 46 (Filburn Av to Palm Av) 2.5 mi.	$ 2,235	$ 2,235	$ -
Wasco - Class II Bike Ln	6th St (Broadway St to D St) .1 mi.	$ 9	$ 9	$ -
Wasco - Class II Bike Ln	Central Av (Flower St to Poso Av) .3 mi.	$ 25	$ 25	$ -
Wasco - Class II Bike Ln	Central Av (Filburn St to Jackson St) .5 mi.	$ 44	$ 44	$ -
Wasco - Class II Bike Ln	D St (Filburn St to 4th St) 1.3 mi.	$ 113	$ 113	$ -
Wasco - Class II Bike Ln	E St (6th St to SR 46) .4 mi.	$ 37	$ 37	$ -
Wasco - Class II Bike Ln	Filburn St (Central Av to G St) 1.4 mi.	$ 130	$ 130	$ -
Wasco - Class II Bike Ln	Jackson St (Central Av to Shared Use Path) 1.5 mi.	$ 133	$ 133	$ -
Wasco - Class II Buffered Bike Ln	4th St (F St to G St) .1 mi.	$ 13	$ 13	$ -
Wasco - Class II Buffered Bike Ln	6th St (D St to Wasco Av) .5 mi.	$ 83	$ 83	$ -
Wasco - Class II Buffered Bike Ln	7th St (Central Av to Griffith Av) 1. mi.	$ 180	$ 180	$ -
Wasco - Class II Buffered Bike Ln	Central Av (Paso Robles Hwy SR 46 to Posos Av) 1. mi.	$ 180	$ 180	$ -
Wasco - Class II Buffered Bike Ln	Palm Av (Gromer Av to Jackson St) 2.5 mi.	$ 451	$ 451	$ -
Wasco - Class II Buffered Bike Ln	Poplar Av (Filburn St to Sunset St) .8 mi.	$ 148	$ 148	$ -
Wasco - Class III Bike Blvd	16th St (Shamrock Court to G St) .5 mi.	$ 28	$ 28	$ -
Wasco - Class III Bike Blvd	1st St (Peters St to E St) .9 mi.	$ 46	$ 46	$ -
Wasco - Class III Bike Blvd	5th St (Woodside Dr to G St) 1.4 mi.	$ 71	$ 71	$ -
Wasco - Class III Bike Blvd	7th St (G St to Griffith Av) .5 mi.	$ 23	$ 23	$ -
Wasco - Class III Bike Blvd	9th Pl (Beckes St to D St) 1. mi.	$ 49	$ 49	$ -
Wasco - Class III Bike Blvd	9th St (G St to D St) .2 mi.	$ 11	$ 11	$ -
Wasco - Class III Bike Blvd	Beckes St (Camellia St to SR 46) 1.2 mi.	$ 61	$ 61	$ -
Wasco - Class III Bike Blvd	Krista St (Beckes St to Central Av) .3 mi.	$ 13	$ 13	$ -
Wasco - Class III Bike Blvd	Poplar Av (Sunset Av to SR 46) .7 mi.	$ 33	$ 33	$ -
Wasco - Class IV Cycle Track	SR 43 (Paso Robles Hwy SR 46 to Filburn St) 1.5 mi.	$ 448	$ 448	$ -
Wasco - Complete Streets	Griffith St (Gromer Av to Jackson St) 2.5 mi.	$ 1,438	$ 1,438	$ -
	Central Avenue from Filburn Avenue to Kimberlina Road - 1.5 miles - Class II - other (SHOPP	$ -	$ -	$ -
	Hwy 46 from Gun Club Road to Magnolia Ave - 8 miles - Caltrans Shoulder - other (SHOPP)	$ -	$ -	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,392**	**$ 4,392**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 20,560	$ 20,560	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,533**	**$ 6,533**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 9,038**	**$ 9,038**	**$ -**
Buttonwillow - High-Visibility Crossw	Buttonwillow Dr - W 1st St	$ 6	$ 6	$ -
Buttonwillow - Corridor Improvemen	Tracy Av (Willow Dr to Hwy 58) .4 mi.	$ 118	$ 118	$ -
Lost Hills - Bicycle and Ped Bridge	Lost Hills Rd (Lost Hill Park to Woodward Av) 1. mi.	$ 5,000	$ 5,000	$ -
Kern County - Complete Streets/ITS I	Other Future developments funded by a transportation impact fee and mitigation	$ 3,915	$ 3,915	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 4,989**	**$ 4,989**	**$ -**
Caltrans - Class I Shared Use Path	McKittrick Hwy SR 58 (Wasco Wy to Interstate 5) 3.7 mi.	$ 3,335	$ 3,335	$ -
Caltrans - Complete Streets	SR 58 (Buttonwillow Dr to Meadow St) .9 mi.	$ 518	$ 518	$ -
Buttonwillow - Class I Shared Use Pat	East Side Canal (Milo Av to McKittrick Hwy SR 58) .4 mi.	$ 332	$ 332	$ -
Buttonwillow - Class I Shared Use Pat	Irrigation Ditch (Buttonwillow Dr to Cotton Av) .6 mi.	$ 535	$ 535	$ -
Buttonwillow - Class II Bike Ln	Main St (McKittrick Hwy SR 58 to Irrigation Ditch) .2 mi.	$ 18	$ 18	$ -

NORTH KERN SUBAREA

Subarea includes: Cities of Delano, McFarland, Shafter and Wasco and the unincorporated communities (and surrounding county areas) of Buttonwillow, Lost Hills, Belridge and Pond.		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Buttonwillow - Class II Bike Ln	Tracy Av (Willow Dr to SR 58) .4 mi.	$ 39	$ 39	$ -
Buttonwillow - Class II Buffered Bike	1st St (Buttonwillow Dr to Miller Dr) .5 mi.	$ 89	$ 89	$ -
Buttonwillow - Class III Bike Blvd	Buttonwillow Dr (McKittrick Hwy SR 58 to 4th St) .5 mi.	$ 27	$ 27	$ -
Buttonwillow - Class III Bike Blvd	Cotton Av (Miller Rd to Meadow St) .3 mi.	$ 13	$ 13	$ -
Buttonwillow - Class III Bike Blvd	Meadow St (Milo Av to Cotton Av) .1 mi.	$ 3	$ 3	$ -
Buttonwillow - Class III Bike Route	Buttonwillow Dr (Irrigation Ditch to Sullivan Rd) .7 mi.	$ 6	$ 6	$ -
Buttonwillow - Class III Bike Route	Milo Av (Leslie St to Meadow St) .1 mi.	$ 1	$ 1	$ -
Buttonwillow - Class III Bike Route	Mirasol Av (2nd St to South Community Limits) .4 mi.	$ 3	$ 3	$ -
Buttonwillow - Class III Bike Route	Old Tracy Av (Sullivan Rd to SR 58) .7 mi.	$ 6	$ 6	$ -
Buttonwillow - Class III Bike Route	Sullivan Rd (Buttonwillow Dr to Old Tracy Av) 3.6 mi.	$ 32	$ 32	$ -
Buttonwillow - Class III Bike Route	Wasco Wy (7th Std Rd to SR 58) 3.4 mi.	$ 31	$ 31	$ -
Tupman	Tule Elk Reserve Path from Tupman Path to Tule Elk Reserve State Park - 1.3 miles - Other	$ -	$ -	$ -
	Sub-total Projects in Subarea	**$ 160,515**	**$ 160,515**	**$ -**

NORTH KERN SUBAREA	**Total Projects Benefiting Subarea**	**$ 3,453,168**	**$ 4,248,092**	**$ 1,169,015**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

SOUTHEAST KERN SUBAREA

Subarea includes: City of California City and the unincorporated communities (and surrounding county areas) of Rosamond, Mojave, Boron, North Edwards, Fremont Valley, Cantil, and Johannesburg/Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
California City - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trar**	**$ 24,894**	**$ 24,894**	**$ 11,700**
California City - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 63,603	$ 63,603	$ 29,893
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Trar**	**$ 43,879**	**$ 43,879**	**$ 20,623**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 150,449	$ 150,449	$ 70,711
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 73,842	$ 73,842	$ 34,706
Fix-It-First, Keep-It-Local / Cost-Efficient	**Sub-total Projects in Subarea**	**$ 356,667**	**$ 356,667**	**$ 167,633**
Regional Projects				
Ready-To-Go, Regional Projects				
Passenger Rail - Rosamond	Metrolink extension - Lancaster to Rosamond - bus connector to Mojave/Cal City/Teh.	$ 151,500	$ 191,000	$ 39,500
Route 14	[2]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase1)	$ 42,000	$ 42,000	$ -
Route 14	[2]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase 2)	$ 40,166	$ 42,000	$ 1,834
Route 14	[2]Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase 3)	$ 25,533	$ 32,000	$ 6,467
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 259,199**	**$ 307,000**	**$ 47,801**
Next-In-Line, Regional Projects				
Twenty Mule Team Rd	[1]California City Blvd to Rt 58 - widen to four lanes	$ 16,300	$ 21,566	$ 5,266
North Gate Road	[1]California City Blvd to North Edwards - construct new four lane road	$ 45,640	$ 60,385	$ 14,744
K Street	[1]Mojave - extend K St to Rt 14	$ 9,780	$ 12,940	$ 3,159
Rosamond Blvd	[1]Rosamond Blvd @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
California City Blvd	Rt 14 east six miles - widen to four lanes	$ 16,628	$ 22,000	$ 5,372
K Street	K St @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Teh. Willow Springs Rd	Rt 58 to Rosamond Blvd - widen to four lanes	$ 114,101	$ 150,961	$ 36,861
US 395	San Bdo County Line to Rt 14 - widen to four lanes	$ 184,422	$ 244,000	$ 59,578
Passenger Rail - Mojave, Cal City, Teh.	Metrolink Service Extension - Tehachapi Corridor (2012 Commuter Rail study)	$ 312,536	$ 393,773	$ 81,236
Route 58	[2]Dennison Rd - construct interchange	$ 24,942	$ 33,000	$ 8,058
Route 58	[2]East of Tehachapi to General Beale Rd - truck auxillary lanes / escape ramp	$ 65,001	$ 86,000	$ 20,999
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 893,656**	**$ 1,162,624**	**$ 268,968**
Advanced Tech, Safe, Clean Transportation				
California City - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 3,251**	**$ 3,251**	**$ -**
California City - existing funds	Cost-efficient, safe, clean transportion	$ 13,668	$ 13,668	$ -
California City - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 3,284**	**$ 3,284**	**$ -**
California City - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 4,807**	**$ 4,807**	**$ -**
Redwood Blvd / Neuralia Rd-California	Corridor Improvement - 2.9 mile - Pedestrian Improvement Corridor	$ 807	$ 807	$ -
N Loop Blvd / Hacienda Blvd-Lake	Corridor Improvement - 1.3 mile - Pedestrian Improvement Corridor	$ 351	$ 351	$ -
90th St / Fir Av--	High-Visibility Crosswalk - 1. mile - High-visibility crosswalk	$ 3	$ 3	$ -
Catalpa Av / 90th St--	High-Visibility Crosswalk - 4. mile - High-visibility crosswalk	$ 11	$ 11	$ -
Complete Streets/ITS Improvements	Other future developments funded by mitigation, fees, etc.	$ 3,636	$ 3,636	$ -
California City - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 5,577**	**$ 5,577**	**$ -**
California City Blvd / Hwy 14-Yerba Blvd	Class III Bike Route - 6.8 mile - Class III Bicycle Route	$ 61	$ 61	$ -
Mendiburu Path / California City Blvd-88	Class I Shared Use Path - 1.6 mile - Add new off-St class I shared use path	$ 1,445	$ 1,445	$ -
California City Blvd / Yerba Blvd-Californ	Complete Streets - 3.6 mile - Narrow traffic lanes and add buffered bike lane to existing bil	$ 2,047	$ 2,047	$ -
California City Blvd / Redwood Blvd-San	Class III Bike Route - .8 mile - Class III Bicycle Route	$ 8	$ 8	$ -
Hacienda Blvd / North Loop Blvd-Califor	Class II Bike Lane - .6 mile - Class II Bicycle Lane	$ 51	$ 51	$ -
Neuralia Rd / Redwood Blvd-Poppy Blvd	Class II Bike Lane - 1.5 mile - Add new class II bike lane	$ 135	$ 135	$ -
S Loop Blvd / California City Blvd-Hacien	Class II Bike Lane - 1.2 mile - Extend new class II bike lane	$ 108	$ 108	$ -
North City Path / 88th St-Hacienda Blvd	Class I Shared Use Path - .2 mile - Add new off-St class I shared use path	$ 199	$ 199	$ -
Proctor Blvd / Randsburg Mojave Rd-Col	Class II Bike Lane - .5 mile - Class II Bicycle Lane	$ 43	$ 43	$ -

SOUTHEAST KERN SUBAREA

Subarea includes: City of California City and the unincorporated communities (and surrounding county areas) of Rosamond, Mojave, Boron, North Edwards, Fremont Valley, Cantil, and Johannesburg/Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Redwood Blvd / California City Blvd-Haci	Class II Bike Lane - 1.4 mile - Maintain existing (covered in sand). Add bike lane on S side of	$ 122	$ 122	$ -
California City Blvd / S College Blvd-Proc	Class II Bike Lane - .7 mile - Fill gap in existing bikeWy	$ 64	$ 64	$ -
Hacienda Blvd / Mendiburu Rd-N Loop B	Class III Bike Route - .6 mile - Add new class III bike route	$ 5	$ 5	$ -
Hacienda Blvd / Redwood Blvd-Sequoia	Class II Bike Lane - 1. mile - Class II Bicycle Lane	$ 90	$ 90	$ -
Mendiburu Rd / Hacienda Blvd-Randsbu	Class III Bike Route - 2.1 mile - Add new class III bike route	$ 19	$ 19	$ -
Redwood Blvd / Airway Blvd-Neuralia Rd	Class II Bike Lane - .7 mile - Extend new class II bike lane	$ 67	$ 67	$ -
92nd St / Fir Av-S Loop Blvd	Class III Bike Boulevard - .2 mile - Add new class III bike Blvd	$ 11	$ 11	$ -
Conklin Blvd / Mendiburu Rd-North Loop	Class III Bike Boulevard - .6 mile - Class III Bicycle Blvd	$ 28	$ 28	$ -
Conklin Blvd, Heather Av / California City	Class II Bike Lane - .5 mile - Add class II bike lane to connect to central park lake	$ 43	$ 43	$ -
Neuralia Rd / Redwood Blvd-Sequoia Blv	Class II Bike Lane - 1. mile - Class II Bicycle Lane	$ 91	$ 91	$ -
Randsburg Mojave Rd / Mcintosh Wy-Hd	Class II Bike Lane - .7 mile - Extend new class II bike lane	$ 65	$ 65	$ -
Redwood Blvd / Proctor Blvd-California (	Class II Bike Lane - .7 mile - Class II Bicycle Lane	$ 64	$ 64	$ -
Yerba Blvd / Mendiburu Rd-California Ci	Class III Bike Route - 1. mile - Class III Bicycle Route	$ 9	$ 9	$ -
90th St / California City Blvd-Catalpa Av	Class II Bike Lane - .2 mile - Add new class II bike lane	$ 16	$ 16	$ -
Airway Blvd / Redwood Blvd-Sequoia Blv	Class II Bike Lane - 1. mile - Class II Bicycle Lane	$ 91	$ 91	$ -
Forest Blvd / Neuralia Rd-Desert Butte B	Class III Bike Route - 2.6 mile - Class III Bicycle Route	$ 23	$ 23	$ -
Mendiburu Rd / Baron Blvd-Rusche Blvd	Class III Bike Route - 2.5 mile - Class III Bicycle Route	$ 23	$ 23	$ -
Rusche Blvd / Mendiburu Rd-Bolden Dr	Class III Bike Route - .3 mile - Class III Bicycle Blvd	$ 2	$ 2	$ -
Catalpa Av / 92nd St-90th St	Class III Bike Boulevard - .2 mile - Add new class III bike Blvd	$ 12	$ 12	$ -
92nd St / Catalpa Av-Fir Av	Class III Bike Boulevard - .1 mile - Add new class III bike Blvd	$ 6	$ 6	$ -
Desert Butte Blvd / Forest Blvd-Sequoia	Class III Bike Route - .4 mile - Class III Bicycle Route	$ 4	$ 4	$ -
Division Rd / Midway Rd-Ironwood St	Class III Bike Route - 1. mile - Class III Bicycle Route	$ 9	$ 9	$ -
Fir Av / 92nd St-92nd St	Class III Bike Boulevard - .1 mile - Add new class III bike Blvd	$ 5	$ 5	$ -
Neuralia Rd / Mendiburu Rd-Poppy Blvd	Class III Bike Route - .5 mile - Class III Bicycle Route	$ 5	$ 5	$ -
Sequoia Blvd / Neuralia Rd-Desert Butte	Class III Bike Route - 2.5 mile - Class III Bicycle Route	$ 23	$ 23	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 7,568**	**$ 7,568**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 35,428	$ 35,428	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 11,257**	**$ 11,257**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 12,241**	**$ 12,241**	**$ -**
Mojave - active transportation	**Safe complete streets, pedestrian enhancements**			
O St / Cerro Gordo St-Park St	Corridor Improvement - .5 mile - Pedestrian Improvement Corridor	$ 129	$ 129	$ -
M St / Belshaw St-Shasta St	Corridor Improvement - .4 mile -	$ 100	$ 100	$ -
Douglas Av / Koch St-Mojave West Park	Corridor Improvement - .3 mile - Pedestrian Improvement Corridor	$ 82	$ 82	$ -
Q St / Belshaw St--	Fence Removing - 1. mile - Provide access	$ 1	$ 1	$ -
Gregory Dr / Pat Av--	High-Visibility Crosswalk - 4. mile -	$ 11	$ 11	$ -
Hwy 14 / Cypress-Silver Queen	Corridor Improvement - 5.4 mile - Pedestrian Improvement Corridor	$ 2,500	$ 2,500	$ -
Hwy 58 / Sierra Hwy-Nadene St	Corridor Improvement - .7 mile - Pedestrian Improvement Corridor	$ 180	$ 180	$ -
Hwy 58 / Kern County Fire Department--	High-Visibility Crosswalk - 4. mile -	$ 11	$ 11	$ -
Rosamond - active transportation	**Safe complete streets, pedestrian enhancements**			
20th St W / Marie Av-Rosamond Blvd	Sidewalk Improvement - 1. mile - Sidewalk Gap Closure	$ 190	$ 190	$ -
35th St W / Holiday Av-Felsite Av	Sidewalk Improvement - 1.5 mile - Sidewalk Gap Closure	$ 283	$ 283	$ -
Rosamond Blvd / Mojave Tropico Rd-10t	Sidewalk Improvement - 4.5 mile - Sidewalk Gap Closure	$ 860	$ 860	$ -
Mojave Tropico Rd / Rosamond Blvd-Col	Sidewalk Improvement - .3 mile - Sidewalk Gap Closure	$ 52	$ 52	$ -
Sierra Hwy / Hillcrest Av-Orange St	Sidewalk Improvement - 1. mile - Sidewalk Gap Closure	$ 195	$ 195	$ -
San Diego St / Burgundy Av-Wharton Av	Corridor Improvement - .5 mile - Pedestrian Improvement Corridor	$ 141	$ 141	$ -
Park Rd / Madre St-Santa Maria Dr	Sidewalk Improvement - .2 mile - Close sidewalk gaps	$ 38	$ 38	$ -
County Aeras Complete Streets/ITS Impro	Other future developments funded by mitigation, fees, etc.	$ 7,469	$ 7,469	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 11,929**	**$ 11,929**	**$ -**
Mojave - bike facilities				
Oak Creek Rd / Koch St-West City Limits	Class II Bike Lane - 3.1 mile - Class II Bicycle Lane	$ 282	$ 282	$ -
Sierra Hwy / Arroyo Av-Silver Queen Rd	Class I Shared Use Path - 5.3 mile - Class I Multi-Use Path (Previously Proposed)	$ 4,736	$ 4,736	$ -

SOUTHEAST KERN SUBAREA

Subarea includes: City of California City and the unincorporated communities (and surrounding county areas) of Rosamond, Mojave, Boron, North Edwards, Fremont Valley, Cantil, and Johannesburg/Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Holt St / Arroyo Av-Purdy Av	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 274	$ 274	$ -
K St / Oak Creek-Mojave Barstow Hwy	Class II Bike Lane - .8 mile - Class II Bicycle Lane (Previously Proposed)	$ 73	$ 73	$ -
Inyo St / Q St-Sierra Hwy	Class III Bike Boulevard - .5 mile - Class III Bike Blvd	$ 25	$ 25	$ -
Koch St / Arroyo Av-Purdy Av	Class II Bike Lane - 3.1 mile - Class II Bicycle Lane	$ 277	$ 277	$ -
O St / Park St-Cerro Gordo St	Class II Bike Lane - .5 mile - Class II Bicycle Lane (Previously Proposed)	$ 42	$ 42	$ -
Shasta St / Sierra Hwy-O St	Class III Bike Boulevard - .3 mile - Class III Bike Blvd	$ 16	$ 16	$ -
M St / Belshaw St-Park St	Class III Bike Boulevard - .5 mile - Class III Bike Blvd	$ 27	$ 27	$ -
Purdy Av / DPW Easement-East Commu	Class III Bike Route - 3.8 mile - Class III Bicycle Route	$ 34	$ 34	$ -
40th St / Arroyo Av-Purdy Av	Class II Bike Lane - 3.1 mile - Class II Bicycle Lane	$ 277	$ 277	$ -
Belshaw St / Q St-Mojave Barstow Hwy	Class III Bike Boulevard - .5 mile - Class III Bike Blvd	$ 27	$ 27	$ -
Douglas Av / Holt St-Koch St	Class II Bike Lane - .5 mile -	$ 45	$ 45	$ -
United St / Purdy Av-Silver Queen Rd	Class III Bike Route - 2. mile - Class III Bicycle Route	$ 18	$ 18	$ -
Arroyo Av / 40th St-Hwy 14	Class III Bike Route - 1.4 mile -	$ 13	$ 13	$ -
Camelot Blvd / Rutan Rd-Hwy 14	Class III Bike Route - 2. mile - Class III Bicycle Route	$ 18	$ 18	$ -
Silver Queen Rd / United St-Backus Rd	Class III Bike Route - 6.1 mile - Class III Bicycle Route	$ 55	$ 55	$ -
Rosamond - bike facilities				
Backus Rd / Lone Butte Rd-Mojave-Trop	Class III Bike Route - 3.6 mile - Class III Bicycle Route	$ 32	$ 32	$ -
Rosamond Blvd / 60th St W-county line	Class II Buffered Bike Lane - 5.6 mile - Class II Buffered Bicycle Lane	$ 999	$ 999	$ -
20th St W / Av A-Rosamond Blvd	Class II Buffered Bike Lane - 3. mile - Class II Buffered Bicycle Lane	$ 542	$ 542	$ -
Sierra Hwy / W Av A-Hook Rd	Class II Buffered Bike Lane - 3.6 mile - Class II Buffered Bicycle Lane	$ 656	$ 656	$ -
15th St W / Rosamond Blvd-Hook Av	Class II Bike Lane - .6 mile - Class II Bicycle Lane	$ 57	$ 57	$ -
35th St W / Felsite Av-Holiday Av	Class II Buffered Bike Lane - 1.5 mile - Class II Buffered Bicycle Lane	$ 267	$ 267	$ -
Glendower St / Rosamond Blvd-Hillcrest	Class III Bike Boulevard - .5 mile - Class III Bicycle Blvd	$ 25	$ 25	$ -
40th St / Rosamond Blvd-Holiday Av	Class II Buffered Bike Lane - 1.1 mile - Class II Buffered Bicycle Lane	$ 201	$ 201	$ -
Frontage Rd / Felsite Av-Rosamond Blvd	Class II Bike Lane - .6 mile - Class II Bicycle Lane	$ 55	$ 55	$ -
Rosamond Blvd / 90th St-60th St	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 271	$ 271	$ -
Sierra Hwy / Felsite Av-Backus Rd	Class III Bike Route - 5.6 mile - Class III Bicycle Route	$ 51	$ 51	$ -
25th St / Rosamond Blvd-Holiday Av	Class II Bike Lane - 1.1 mile - Class II Bicycle Lane	$ 99	$ 99	$ -
30th St W / Patti Rose Av-Felsite Av	Class II Buffered Bike Lane - 1.4 mile - Class II Buffered Bicycle Lane	$ 247	$ 247	$ -
Felsite Av / 35th St W-Frontage Rd	Class II Buffered Bike Lane - 1.2 mile - Class II Buffered Bicycle Lane	$ 222	$ 222	$ -
Hillcrest Av / HAvn St-Sierra Hwy	Class III Bike Boulevard - .4 mile - Class III Bicycle Blvd	$ 18	$ 18	$ -
Holiday Av / 40th St-35th St	Class III Bike Boulevard - .2 mile - Class III Bicycle Blvd	$ 12	$ 12	$ -
60th St / Rosamond Blvd-Av A	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 271	$ 271	$ -
Desert Cloud Av / 35th St-Howard St	Class III Bike Boulevard - .2 mile - Class III Bicycle Blvd	$ 13	$ 13	$ -
Mojave-Tropico Rd / Backus Rd-Rosamo	Class III Bike Route - 6.3 mile - Class III Bicycle Route	$ 57	$ 57	$ -
80th St / Rosamond Blvd-Av A	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 270	$ 270	$ -
90th St / Rosamond Blvd-Av A	Class II Bike Lane - 3. mile - Class II Bicycle Lane	$ 270	$ 270	$ -
Av A / 90th St-Sierra Hwy	Class II Bike Lane - 7.6 mile - Class II Bicycle Lane	$ 688	$ 688	$ -
Hook Av / 15th St W-United St	Class II Bike Lane - .5 mile - Class II Bicycle Lane	$ 44	$ 44	$ -
Tehachapi-Willow Springs Rd / Favorito	Class II Bike Lane - 2.6 mile - Class II Bicycle Lane	$ 230	$ 230	$ -
Elder Av / 80th St-60th St	Class III Bike Route - 2. mile - Class III Bicycle Route	$ 18	$ 18	$ -
Holiday Av / 80th St-60th St	Class III Bike Route - 2. mile - Class III Bicycle Route	$ 18	$ 18	$ -
Marie Av / Hwy 14-Sierra Hwy	Class III Bike Boulevard - .4 mile - Class III Bicycle Blvd	$ 18	$ 18	$ -
Orange St / Granite St-Sierra Hwy	Class III Bike Boulevard - .3 mile - Class III Bicycle Blvd	$ 14	$ 14	$ -
Buss St / Janine Av-Summer Breeze Av	Class III Bike Boulevard - .1 mile - Class III Bicycle Blvd	$ 5	$ 5	$ -
Howard St / Summer Breeze Av-Desert	Class III Bike Boulevard - .1 mile - Class III Bicycle Blvd	$ 7	$ 7	$ -
Janine Av / Buss St-30th St	Class III Bike Boulevard - .2 mile - Class III Bicycle Blvd	$ 9	$ 9	$ -
Summer Breeze Av / Howard St-Buss St	Class III Bike Boulevard - .1 mile - Class III Bicycle Blvd	$ 4	$ 4	$ -
Advanced Tech, Safe, Clean Transportatio	**Sub-total Projects in Subarea**	**$ 59,915**	**$ 59,915**	**$ -**

SOUTHEAST KERN SUBAREA	**Total Projects Benefiting Subarea**	**$ 1,569,437**	**$ 1,886,206**	**$ 484,402**

SOUTHEAST KERN SUBAREA

Subarea includes: City of California City and the unincorporated communities (and surrounding county areas) of Rosamond, Mojave, Boron, North Edwards, Fremont Valley, Cantil, and Johannesburg/Randsburg		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**

Notes:
A. Inflation savings assumes a 3% inflation rate per year
B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75
C. The projects in each phase or category are not necessarily listed by priority
D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP
1 Project was in the 2006 transportation measure expenditure plan
2 Project outside subarea that benefits the subarea
Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

TAFT-MARICOPA SUBAREA

Subarea includes: Cities of Taft and Maricopa and the unincorporated communities (county areas) of Ford City, South Taft, Taft Heights, Dustin Acres, Valley Acres, McKittrick, Tupman and Mettler		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Saving**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Taft - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 8,331**	**$ 8,331**	**$ 3,915**
Taft - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 23,422	$ 23,422	$ 11,008
Maricopa - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 1,136**	**$ 1,136**	$ 534
Maricopa - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 3,127	$ 3,127	$ 1,470
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Tra**	**$ 24,324**	**$ 24,324**	$ 11,432
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transp	$ 83,398	$ 83,398	$ 39,197
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 52,607	$ 52,607	$ 24,725
Fix-It-First, Keep-It-Local / Cost-Efficie	**Sub-total Projects in Subarea**	**$ 196,345**	**$ 196,345**	**$ 92,282**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 119	Elk Hills - County Rd to Tupman Ave - widen to four lanes (Phase 2)	$ 36,280	$ 48,000	$ 11,720
Route 119	I-5 to Buena Vista - widen to four lanes	$ 27,916	$ 31,300	$ 3,384
Route 119	Cherry Ave to Elk Hills Rd (Phase 1, bypass) - widen to four lanes	$ 97,396	$ 115,000	$ 17,604
West Corridor	[2]Taft Hwy to Pacheco Rd - construct new facillity	$ 68,025	$ 90,000	$ 21,975
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 229,616**	**$ 284,300**	**$ 54,684**
Next-In-Line, Regional Projects				
Route 119	[1]Tupman Rd to I-5 - widen to four lanes	$ 45,350	$ 60,000	$ 14,650
Route 58	[2]Future Rt 58 from I-5 to Heath Rd at Stockdale Hwy - construct new freeway	$ 377,914	$ 500,000	$ 122,086
Route 119	Rt 33 to Cherry Ave - widen to four lanes	$ 40,815	$ 54,000	$ 13,185
Route 33	Welch St to Midway Rd - widen to four lanes	$ 66,513	$ 88,000	$ 21,487
Route 166	Basic School Rd - reconstruct intersection grade	$ 391	$ 518	$ 126
Interstate 5	From Fort Tejon to Rt 99 - widen to ten lanes	$ 65,001	$ 86,000	$ 20,999
South Corridor	[2]I-5 to Rt 58 - new expressway	$ 453,945	$ 610,000	$ 156,055
West Corridor-South	[2]Taft Hwy to I-5 - extend freeway	$ 75,583	$ 100,000	$ 24,417
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 1,125,511**	**$ 1,498,518**	**$ 373,006**
Advanced Tech, Safe, Clean Transportation				
Taft - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,185**	**$ 2,185**	**$ -**
Taft - non-potential new funds	Cost-efficient, safe, clean transportion	$ 9,574	$ 9,574	$ -
Taft - Transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 2,595**	**$ 2,595**	**$ -**
Taft - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 4,536**	**$ 4,536**	**$ -**
Caltrans - Corridor Improvement	Kern Av (Cascade Pl to Taft Hwy) 1.2 mi.	$ 337	$ 337	$ -
Taft - High-Visibility Crosswalk	E Main St - Highway 119	$ 11	$ 11	$ -
Taft - High-Visibility Crosswalk	Kern St - 6th St	$ 11	$ 11	$ -
Taft - Corridor Improvement	10th St (Ash St to Main St) .6 mi.	$ 176	$ 176	$ -
Taft - Corridor Improvement	6th St (Ash St to Main St) .8 mi.	$ 219	$ 219	$ -
Taft - Crossing Improvements	San Emidio St (N 10th St to 1st St) .8 mi.	$ 68	$ 68	$ -
Taft - Sidewalk Improvement	Ash St (10th Street to 4th St) .7 mi.	$ 136	$ 136	$ -
Taft - Sidewalk Improvement	Olive Av (Supply Row to South St) .5 mi.	$ 92	$ 92	$ -
Taft - Sidewalk Improvement	Wood St (S 10th St to SR 33) 1.1 mi.	$ 211	$ 211	$ -
Taft - Complete Streets/ITS Improve	Other future developments funded by mitigation, fees, etc.	$ 3,274	$ 3,274	$ -
Taft - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 2,444**	**$ 2,444**	**$ -**
Caltrans - Class II Bike Ln	SR 119 (Midway Rd to South City Limits) 6.6 mi.	$ 596	$ 596	$ -
Caltrans - Class II Bike Ln	SR 33 (Kern St to SR 119) .5 mi.	$ 41	$ 41	$ -
Caltrans - Class II Bike Ln	SR 33 (West City Limits to Cascade Pl) 1.2 mi.	$ 104	$ 104	$ -
Caltrans - Class II Buffered Bike Ln	Kern St SR 33 (Cascade Pl to 1st St) 1.2 mi.	$ 218	$ 218	$ -

TAFT-MARICOPA SUBAREA

Subarea includes: Cities of Taft and Maricopa and the unincorporated communities (county areas) of Ford City, South Taft, Taft Heights, Dustin Acres, Valley Acres, McKittrick, Tupman and Mettler		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Saving**
Caltrans - Class III Bike Route	SR 33 (Cadet Rd to California St) 2.3 mi.	$ 20	$ 20	$ -
Taft - Class II Bike Ln	10th St (Center St to F St) .7 mi.	$ 67	$ 67	$ -
Taft - Class II Bike Ln	A St (Terrace Dr to S 10th St) .9 mi.	$ 80	$ 80	$ -
Taft - Class II Bike Ln	Ash St (N 10th St to Airport Rd) 1.9 mi.	$ 168	$ 168	$ -
Taft - Class II Bike Ln	Wood St (S 10th St to SR 33) 1.1 mi.	$ 99	$ 99	$ -
Taft - Class II Buffered Bike Ln	1st St (West Side Hwy SR 33 to Calvin St) .3 mi.	$ 57	$ 57	$ -
Taft - Class II Buffered Bike Ln	2nd St (Calvin St to Williams Wy) .3 mi.	$ 47	$ 47	$ -
Taft - Class II Buffered Bike Ln	6th St (Oak St to Ash St) 1.1 mi.	$ 191	$ 191	$ -
Taft - Class II Buffered Bike Ln	Cedar St (Division Rd to Airport Rd) 2.1 mi.	$ 376	$ 376	$ -
Taft - Class III Bike Blvd	2nd St (Calvin St to Supply Row) .6 mi.	$ 28	$ 28	$ -
Taft - Class III Bike Blvd	Harding Av (A St to E St) .4 mi.	$ 19	$ 19	$ -
Taft - Class III Bike Blvd	Oak St (Lierly Av to S 10th St) .2 mi.	$ 8	$ 8	$ -
Taft - Class III Bike Blvd	Olive Av (Supply Rd to South St) .5 mi.	$ 24	$ 24	$ -
Taft - Class III Bike Blvd	Phillippine St (Quail St to S 10th St) 1. mi.	$ 50	$ 50	$ -
Taft - Class III Bike Route	Airport Rd (Ash St to SR 119) 1.1 mi.	$ 10	$ 10	$ -
Taft - Class III Bike Route	Cadet Rd (SR 33 to Duval Rd) 2. mi.	$ 18	$ 18	$ -
Taft - Class III Bike Route	Church St (F St to Ranier Av) .9 mi.	$ 8	$ 8	$ -
Taft - Class III Bike Route	Gardner Field Rd (SR 33 to East City Limits) 4.2 mi.	$ 38	$ 38	$ -
Taft - Class III Bike Route	Midoil Rd (Thomas St to Terrace Dr) .7 mi.	$ 6	$ 6	$ -
Taft - Class IV Cycle Track	10th St (Center St to Ash St) .6 mi.	$ 171	$ 171	$ -
Maricopa - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 265**	**$ 265**	**$ -**
Maricopa - existing funds	Cost-efficient, safe, clean transportion	$ 1,371	$ 1,371	$ -
Maricopa - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 265**	**$ 265**	**$ -**
Maricopa - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 488**	**$ 488**	**$ -**
Caltrans - Corridor Improvement	California St (Main St to Poso St) .4 mi.	$ 116	$ 116	$ -
Caltrans - Corridor Improvement	Klipstein St (Fiester St to Stanislaus St) .4 mi.	$ 115	$ 115	$ -
Caltrans - Sidewalk Improvement	Poso St (Stanislaus St to S Kern St) .2 mi.	$ 34	$ 34	$ -
Maricopa - Sidewalk Improvement	Stanislaus St (School St to Klipstein St) .2 mi.	$ 43	$ 43	$ -
Mcopa. - Complete Streets/ITS Impr	Other future developments funded by mitigation, fees, etc.	$ 181	$ 181	$ -
Maricopa - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 618**	**$ 618**	**$ -**
Caltrans - Class II Bike Ln	SR 33/166 (Clark St to South City Limits) 1. mi.	$ 92	$ 92	$ -
Caltrans - Class II Buffered Bike Ln	California St SR 33 (Poso St to Kern St) .5 mi.	$ 92	$ 92	$ -
Caltrans - Class II Buffered Bike Ln	Maricopa Hwy SR 166/33 (Fresno St to Scott Dr) 1.1 mi.	$ 197	$ 197	$ -
Maricopa - Class I Shared Use Path	Wagy St (Maricopa Hwy to Welch St) .1 mi.	$ 119	$ 119	$ -
Maricopa - Class II Bike Ln	Hazelton St (Main St to Poso St) .3 mi.	$ 28	$ 28	$ -
Maricopa - Class II Bike Ln	Main St (Hazelton St to California St) .1 mi.	$ 9	$ 9	$ -
Maricopa - Class III Bike Blvd	Chico St (California St to Welch St) .1 mi.	$ 4	$ 4	$ -
Maricopa - Class III Bike Blvd	Elkhorn St (SR 33 to Fresno St) .4 mi.	$ 22	$ 22	$ -
Maricopa - Class III Bike Blvd	Fresno St (Poso St to Elkhorn St) .2 mi.	$ 8	$ 8	$ -
Maricopa - Class III Bike Blvd	Green St (Hazelton St to California St) .1 mi.	$ 7	$ 7	$ -
Maricopa - Class III Bike Blvd	Hazelton St (SR 166 to South City Limits) .3 mi.	$ 14	$ 14	$ -
Maricopa - Class III Bike Blvd	Union St (Maricopa Hwy SR 33 to Ruth St) .4 mi.	$ 18	$ 18	$ -
Maricopa - Class III Bike Blvd	Welch St (Chico St to Wagy St) .1 mi.	$ 5	$ 5	$ -
Maricopa - Class III Bike Route	Stanislaus St (Klipstein St to School St) .2 mi.	$ 2	$ 2	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,881**	**$ 2,881**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 15,015	$ 15,015	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 6,074**	**$ 6,074**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 1,182**	**$ 1,182**	**$ -**
Kern County - Sidewalk Improvemen	Cedar St (Lincoln Street to SR 119) 1. mi.	$ 187	$ 187	$ -
Kern County - Sidewalk Improvemen	Date St (Division Rd to Monroe St) .7 mi.	$ 137	$ 137	$ -

TAFT-MARICOPA SUBAREA

Subarea includes: Cities of Taft and Maricopa and the unincorporated communities (county areas) of Ford City, South Taft, Taft Heights, Dustin Acres, Valley Acres, McKittrick, Tupman and Mettler		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Saving**
Kern County - Sidewalk Improvemen	Elm St (Lincoln Street to Harrison St) .5 mi.	$ 95	$ 95	$ -
Kern County - Sidewalk Improvemen	S 10th St (A Street to Buena Vista Place) .3 mi.	$ 61	$ 61	$ -
Kern - Complete Streets/ITS Improve	Other future developments funded by mitigation, fees, etc.	$ 704	$ 704	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 7,759**	**$ 7,759**	**$ -**
Kern County - Class I Bike Path	Taft Path from Lake Webb to Gardner Field Road - 10.6 miles - Other	$ 7,000	$ 7,000	$ -
Kern County - Class I Bike Path	Gardner Field Road from County to Aqueduct - 1.5 miles - Other	$ 500	$ 500	$ -
Kern County - Class II Bike Ln	Division Rd (Ash St to Ironwood St) .9 mi.	$ 79	$ 79	$ -
Kern County - Class II Bike Ln	Grevillea St (Division Rd to Harrison St) .5 mi.	$ 45	$ 45	$ -
Kern County - Class II Bike Ln	Harrison St (Ash St to Grevillia St) .7 mi.	$ 59	$ 59	$ -
Kern County - Class III Bike Blvd	Lierly Av (South St to Oak St) .4 mi.	$ 21	$ 21	$ -
Kern County - Class III Bike Blvd	Taylor St (Grevillea St to Ash St) .8 mi.	$ 39	$ 39	$ -
Kern County - Class III Bike Route	Lincoln St (Midway Rd to Ironwood St) 1.1 mi.	$ 10	$ 10	$ -
Kern County - Class III Bike Route	Midway Rd (Division Rd to Taft Hwy) .6 mi.	$ 6	$ 6	$ -
Advanced Tech, Safe, Clean Transport	**Sub-total Projects in Subarea**	**$ 31,292**	**$ 31,292**	**$ -**

Total Projects in Sub Area	$ 961,025	$ 1,178,454	$ 309,711

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

TEHACHAPI SUBAREA

Subarea includes: City of Tehachapi and the unincorporated communities (and surrounding county areas) of Golden Hills, Bear Valley Springs, Stallion Springs, Cummings Valley, Alpine Forest, Sand Canyon, Bright Valley, Keene, Cantil, Paris-Loraine and Twin Oaks		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Fix-It-First, Keep-It-Local / Cost-Efficient				
Tehachapi - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control**	**$ 10,365**	**$ 10,365**	**$ 4,872**
Tehachapi - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control M	$ 30,393	$ 30,393	$ 14,285
County Areas - potential new funds	**street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control**	**$ 31,883**	**$ 31,883**	**$ 14,985**
County Areas - existing funds	street/bridge maintenance; reconstruction / pavement tech; widenings; signalization; Transportation Control M	$ 109,319	$ 109,319	$ 51,380
State Highways - existing funds	State Highway Operations and Protection Program (SHOPP)	$ 59,058	$ 59,058	$ 27,757
Fix-It-First, Keep-It-Local / Cost-Efficier	**Sub-total Projects in Subarea**	**$ 241,018**	**$ 241,018**	**$ 113,279**
Regional Projects				
Ready-To-Go, Regional Projects				
Route 58	[2]Union Ave to Fairfax Rd - widen to eight lanes	$ 42,849	$ 47,400	$ 4,551
Route 58	[2]At various locations - ramp improvements (HOV - ramp metering)	$ 26,622	$ 32,600	$ 5,978
Rosamond, Tehachapi	Metrolink extension phase I - Lancaster to Rosamond - bus connector to Tehachapi	$ 151,500	$ 191,000	$ 39,500
Ready-To-Go, Regional Projects	**Sub-Total including zone of Benefit**	**$ 220,971**	**$ 271,000**	**$ 50,029**
	Sub-total Projects in Subarea	**$ 151,500**	**$ 191,000**	**$ 39,500**
Next-In-Line, Regional Projects				
Route 58	[1]Dennison Rd - construct interchange	$ 24,942	$ 33,000	$ 8,058
Route 202	[1]Tucker to Woodford-Tehachapi Rd - widen to four lane	$ 7,335	$ 9,705	$ 2,370
Valley Blvd	[1]Tucker Rd to Curry St - widen to four lanes	$ 17,930	$ 23,723	$ 5,792
Rosamond, Mojave, Tehachapi, Cal City	Metrolink service extension phase 2 - Rosamond to Tehachapi & Cal City	$ 312,536	$ 393,773	$ 81,236
Route 58	East of Tehachapi to General Beale Rd - truck auxillary lanes / escape ramp	$ 65,001	$ 86,000	$ 20,999
Route 58	Near General Beale Rd - new truck weigh station	$ 8,314	$ 11,000	$ 2,686
Route 58	General Beale Rd - construct new interchange	$ 40,815	$ 54,000	$ 13,185
Red Apple Rd	Tucker Rd to Westwood Blvd - widen to four lanes	$ 3,260	$ 4,313	$ 1,053
Dennison Road	Green St/ Dennison Rd @ UPRR - construct grade separation	$ 52,152	$ 69,000	$ 16,848
Teh. Willow Springs Rd	Rt 58 to Rosamond Blvd - widen to four lanes	$ 114,101	$ 150,961	$ 36,861
Route 58	[2]Future Rt 58 from I-5 to Heath Rd at Stockdale Hwy - construct new freeway	$ 377,914	$ 500,000	$ 122,086
South Corridor	[2]I-5 to Rt 58 - new expressway	$ 453,945	$ 610,000	$ 156,055
Next-In-Line, Regional Projects	**Sub-Total including zone of Benefit**	**$ 1,478,246**	**$ 1,945,475**	**$ 467,229**
Advanced Tech, Safe, Clean Transportation				
Tehachapi - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 2,839**	**$ 2,839**	**$ -**
Tehachapi - existing funds	Cost-efficient, safe, clean transportion	$ 11,912	$ 11,912	$ -
Tehachapi - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 2,845**	**$ 2,845**	**$ -**
Tehachapi - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 3,244**	**$ 3,244**	**$ -**
Tehachapi - Corridor Improvement	Curry St (E St to Pinon St) .9 mi.	$ 251	$ 251	$ -
Tehachapi - Corridor Improvement	D St (Mt View Av to Robinson St) .7 mi.	$ 198	$ 198	$ -
Tehachapi - Corridor Improvement	East E St (Mt View Av to Snyder Av) 1.2 mi.	$ 329	$ 329	$ -
Tehachapi - Corridor Improvement	Green St (J St to C St) .5 mi.	$ 137	$ 137	$ -
Tehachapi - Corridor Improvement	Hayes St (H St to Pepper Dr) .3 mi.	$ 87	$ 87	$ -
Tehachapi - Corridor Improvement	I St (Curry St to Hayes St) .5 mi.	$ 141	$ 141	$ -
Tehachapi - Corridor Improvement	Mt View Av (Tehachapi Blvd to Valley Blvd) .5 mi.	$ 143	$ 143	$ -
Tehachapi - Corridor Improvement	Robinson St (E St to D St) .1 mi.	$ 21	$ 21	$ -
Tehachapi - Corridor Improvement	Tehachapi Blvd (Tucker Rd to Pauley St) 1. mi.	$ 277	$ 277	$ -
Tehachapi - Corridor Improvement	Valley Blvd (Curry St to Dennison Rd) 1. mi.	$ 277	$ 277	$ -
Tehachapi - High-Visibility Crosswalk	Dennison Rd - Tehachapi Blvd	$ 11	$ 11	$ -
Tehachapi - High-Visibility Crosswalk	Park Rd - Elementary School Entrance	$ 3	$ 3	$ -
Tehachapi - High-Visibility Crosswalk	S Hayes St - E Tehachapi Blvd	$ 3	$ 3	$ -
Tehachapi - Sidewalk Improvement	Hwy 202 (Woodford-Tehachapi Rd to Tucker Rd) 1.5 mi.	$ 291	$ 291	$ -
Tehachapi - Complete Streets/ITS Imp	Other future developments funded by mitigation, fees, etc.	$ 1,076	$ 1,076	$ -
Tehachapi - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 5,822**	**$ 5,822**	**$ -**
Caltrans - Class II Bike Ln	Tucker Rd SR 202 (Enterprise Wy to Tehachapi Blvd) .7 mi.	$ 63	$ 63	$ -
Tehachapi - Class I Shared Use Path	Class I (Orchard Path to Highline Rd) .3 mi.	$ 283	$ 283	$ -

TEHACHAPI SUBAREA

Subarea includes: City of Tehachapi and the unincorporated communities (and surrounding county areas) of Golden Hills, Bear Valley Springs, Stallion Springs, Cummings Valley, Alpine Forest, Sand Canyon, Bright Valley, Keene, Cantil, Paris-Loraine and Twin Oaks		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Tehachapi - Class I Shared Use Path	East City Path (Tucker Rd to Mount View Av) .5 mi.	$ 461	$ 461	$ -
Tehachapi - Class I Shared Use Path	Pinon St (Brandon Ln to Dennison Rd) .5 mi.	$ 476	$ 476	$ -
Tehachapi - Class I Shared Use Path	Tehachapi Blvd (Steuber Rd to Snyder Av) 1.4 mi.	$ 1,260	$ 1,260	$ -
Tehachapi - Class I Shared Use Path	Valley Blvd (S Snyder Av to Steuber Rd) 1.4 mi.	$ 1,241	$ 1,241	$ -
Tehachapi - Class II Bike Ln	Anita Dr (S Snyder Av to Dennison Rd) .4 mi.	$ 33	$ 33	$ -
Tehachapi - Class II Bike Ln	Challenger Dr (Burnett Rd to Capital Hills Pkwy) 1.1 mi.	$ 103	$ 103	$ -
Tehachapi - Class II Bike Ln	Cherry Ln (Tucker Rd to Elm St) .7 mi.	$ 63	$ 63	$ -
Tehachapi - Class II Bike Ln	Classico Dr (Pinon St to Alder Av) .1 mi.	$ 5	$ 5	$ -
Tehachapi - Class II Bike Ln	Dennison Rd (SR 58 to Highline Rd) 2.1 mi.	$ 192	$ 192	$ -
Tehachapi - Class II Bike Ln	E C St (Pepper Dr to S Snyder Av) .2 mi.	$ 14	$ 14	$ -
Tehachapi - Class II Bike Ln	E I St (N Curry St to N Mojave St) .4 mi.	$ 33	$ 33	$ -
Tehachapi - Class II Bike Ln	E J St (N Curry St to N Hayes St) .4 mi.	$ 39	$ 39	$ -
Tehachapi - Class II Bike Ln	E Orchard Pkwy (Classico Dr to S Curry St) .1 mi.	$ 11	$ 11	$ -
Tehachapi - Class II Bike Ln	E St (Mulberry St to S Mojave St) .7 mi.	$ 65	$ 65	$ -
Tehachapi - Class II Bike Ln	Enterprise Wy (Mill St to Tucker Rd) 1.1 mi.	$ 95	$ 95	$ -
Tehachapi - Class II Bike Ln	H St (N Mill St to S Hayes St) .6 mi.	$ 58	$ 58	$ -
Tehachapi - Class II Bike Ln	Industrial Pkwy (N Mill St to N Curry St) .2 mi.	$ 18	$ 18	$ -
Tehachapi - Class II Bike Ln	Mojavee St (J St to E H St) .1 mi.	$ 14	$ 14	$ -
Tehachapi - Class II Bike Ln	Mount View Av (W D St to Maple St) .1 mi.	$ 11	$ 11	$ -
Tehachapi - Class II Bike Ln	N Curry St (E J St to W H St) .1 mi.	$ 13	$ 13	$ -
Tehachapi - Class II Bike Ln	N Curry St (Industrial Pkwy to W J St) .1 mi.	$ 9	$ 9	$ -
Tehachapi - Class II Bike Ln	N Mill St (Challenger Dr to W H St) .8 mi.	$ 69	$ 69	$ -
Tehachapi - Class II Bike Ln	Pepper Dr (S Mojave St to E C St) .1 mi.	$ 12	$ 12	$ -
Tehachapi - Class II Bike Ln	Pinon St (S Curry St to Brandon Ln) .5 mi.	$ 43	$ 43	$ -
Tehachapi - Class II Bike Ln	Pinon St (Classico Dr to Applewood Dr) .1 mi.	$ 5	$ 5	$ -
Tehachapi - Class II Bike Ln	S Hayes St (Pepper Dr to E H St) .3 mi.	$ 28	$ 28	$ -
Tehachapi - Class II Bike Ln	S Snyder Av (E Tehachapi Blvd to Valley Blvd) .5 mi.	$ 42	$ 42	$ -
Tehachapi - Class II Bike Ln	Steuber Rd (E Tehachapi Blvd to Highline Rd) 1.2 mi.	$ 111	$ 111	$ -
Tehachapi - Class II Bike Ln	Tehachapi Willow Springs Rd (E Teh Blvd to Highline Rd) 1.1 mi.	$ 96	$ 96	$ -
Tehachapi - Class II Buffered Bike Ln	E Tehachapi Blvd (Dennison Rd to Teh Willow Spr Rd) 1. mi.	$ 183	$ 183	$ -
Tehachapi - Class II Buffered Bike Ln	Tucker Rd (Tehachapi Blvd to Highline Rd) 1.5 mi.	$ 276	$ 276	$ -
Tehachapi - Class II Buffered Bike Ln	W Tehachapi Blvd (Mt View Av to S Snyder Av) 1.2 mi.	$ 220	$ 220	$ -
Tehachapi - Class II Buffered Bike Ln	W Valley Blvd (McIntosh St to Las Colinas St) .3 mi.	$ 50	$ 50	$ -
Tehachapi - Class III Bike Blvd	Brentwood Dr (Clearview St to Cherry Ln) .9 mi.	$ 43	$ 43	$ -
Tehachapi - Class III Bike Blvd	Clearview St (Valley Blvd to White Oak Dr) .3 mi.	$ 13	$ 13	$ -
Tehachapi - Class III Bike Blvd	Elm St (Maple St to Cherry Ln) .5 mi.	$ 24	$ 24	$ -
Tehachapi - Class III Bike Blvd	Maple St (Mt View Av to S Mill St) .3 mi.	$ 15	$ 15	$ -
Tehachapi - Class III Bike Blvd	S Mojave St (E Tehachapi Blvd to Pepper Dr) .3 mi.	$ 13	$ 13	$ -
Tehachapi - Class III Bike Blvd	White Oak Dr (S Curry St to Clearview St) .2 mi.	$ 11	$ 11	$ -
Tehachapi - Class III Bike Route	Applewood Dr (Elm St to Pinon St) .2 mi.	$ 2	$ 2	$ -
Tehachapi - Class III Bike Route	Elm St (Cherry Ln to Applewood Dr) .2 mi.	$ 1	$ 1	$ -
Tehachapi - Class III Bike Route	Pinon St (Applewood Dr to S Curry St) .2 mi.	$ 2	$ 2	$ -
Tehachapi - Class III Bike Route	S Green St (H St to C St) .3 mi.	$ 3	$ 3	$ -
County Areas - potential new funds	**Cost-efficient, safe, clean transportion**	**$ 4,911**	**$ 4,911**	**$ -**
County Areas - existing funds	Cost-efficient, safe, clean transportion	$ 28,524	$ 28,524	$ -
County Areas - transit	**Senior/disabled & advanced technology transit, vanpools, shared ride, aviation**	**$ 9,064**	**$ 9,064**	**$ -**
County Areas - active transportation	**Safe complete streets, pedestrian enhancements**	**$ 16,066**	**$ 16,066**	**$ -**
Kern County - Corridor Improvement	San Diego St (Burgundy Av to Wharton Av) .5 mi.	$ 141	$ 141	$ -
Kern County - Sidewalk Improvement	Park Rd (Madre St to Santa Maria Dr) .2 mi.	$ 38	$ 38	$ -
Kern County - Complete Streets/ITS I	Other future developments funded by mitigation, fees, etc.	$ 15,888	$ 15,888	$ -
County Areas - bike facilities	**Construct Class I (trails), II (lanes) or Class III (routes) Bike Paths; striping; signage**	**$ 3,394**	**$ 3,394**	**$ -**
Caltrans - Class II Bike Ln	W Valley Blvd SR 202 (Wford-Teh Rd to McIntosh St) 1.4 mi.	$ 126	$ 126	$ -
Caltrans - Class II Bike Ln	SR 202 (Cummnigs Valley Rd to Highline Rd) 3.4 mi.	$ 307	$ 307	$ -
Kern County - Class I Shared Use Path	Golden Hills Blvd (Highline Rd to W Valley Blvd) 1.1 mi.	$ 946	$ 946	$ -
Kern County - Class I Shared Use Path	Woodford-Tehachapi Rd (Highline Rd to W Valley Blvd) 1. mi.	$ 923	$ 923	$ -

TEHACHAPI SUBAREA

Subarea includes: City of Tehachapi and the unincorporated communities (and surrounding county areas) of Golden Hills, Bear Valley Springs, Stallion Springs, Cummings Valley, Alpine Forest, Sand Canyon, Bright Valley, Keene, Cantil, Paris-Loraine and Twin Oaks		Cost Estimate ($ x 1,000)		
Project	**Scope**	**YOE w/ new revenue**	**YOE w/o new revenue**	**Maint./Inflation Savings**
Kern County - Class II Bike Ln	Banducci Rd (W Valley Blvd to Highline Rd) .2 mi.	$ 19	$ 19	$ -
Kern County - Class II Bike Ln	Cummings Valley Rd (SR 202 to Banducci Rd) 4.4 mi.	$ 398	$ 398	$ -
Bear Valley	Bear Valley Road from Cumberland Road to Hwy 202 - 6.8 miles - Other	$ 71	$ 71	$ -
Golden Hills	Woodford Tehachapi Road from Valley Blvd to Highline Road - 1 miles - Class II	$ 31	$ 31	$ -
Golden Hills	Valley Blvd from Tucker Road to Woodford Tehachapi Road - 1.5 miles - Class II	$ 46	$ 46	$ -
Golden Hills	SR 202 from Bear Valley Road to Woodford Tehachapi Road - 5.7 miles - Class II (see SHOPP funding)			
Golden Hills	Pellisier Road from Banducci Road to Giraudo Road - 2 miles - Class II	$ 60	$ 60	$ -
Golden Hills	Old Town Road from Mariposa Road to Tehachapi Road - 0.7 miles - Class II	$ 21	$ 21	$ -
Golden Hills	Highline Road from Tucker Road to Banducci Road - 3.1 miles - Class II	$ 92	$ 92	$ -
Golden Hills	Golden Hills Blvd. from Santa Barbara Drive to Highline Road - 1.1 miles - Class II	$ 33	$ 33	$ -
Golden Hills	Giraudo Road from Pellisier Road to Bailey Road - 0.5 miles - Class II	$ 15	$ 15	$ -
Golden Hills	Cummings Valley Road from Bailey Road to Bear Valley Road - 1 miles - Class II	$ 31	$ 31	$ -
Golden Hills	Cummings Valley Road from Bailey Road to SR 202 - 0.4 miles - Class II	$ 12	$ 12	$ -
Golden Hills	Bear Valley Road from SR 202 to Proposed Road - 1.5 miles - Class II	$ 44	$ 44	$ -
Golden Hills	Banducci Road from SR 202 to Highline Road - 0.2 miles - Class II	$ 6	$ 6	$ -
Golden Hills	Banducci Road from Comanche Point Road to Pellisier Road - 2.5 miles - Class II	$ 76	$ 76	$ -
Golden Hills	Bailey Road from Giraudo Road to Cummings Valley Road - 1.5 miles - Class II	$ 45	$ 45	$ -
Golden Hills	Stallion Springs Road/Comanche Point Road from Banducci Road to Banducci Road - 3.1 miles - Other	$ 92	$ 92	$ -
Advanced Tech, Safe, Clean Transporta	**Sub-total Projects in Subarea**	**$ 48,185**	**$ 48,185**	**$ -**

TEHACHAPI SUBAREA	**Total Projects Benefiting Subarea**	**$ 1,988,421**	**$ 2,505,678**	**$ 630,536**

Notes:

A. Inflation savings assumes a 3% inflation rate per year

B. Road maintenance (local program reconstruction) savings assumes an average of 47% reduction in maintenace costs when pavement condition index is kept above 75

C. The projects in each phase or category are not necessarily listed by priority

D. The regional projects have been approved by Kern COG (cities/County) in the adopted 2014 RTP

1 Project was in the 2006 transportation measure expenditure plan

2 Project outside subarea that benefits the subarea

Abbreviations: YOE = Year of Expenditure, RTP = Regional Transportation Plan, TCMs = Transportation Control Measures that help reduce air pollution (congestion relief, signal syncronizing, etc.)

Kern Council of Governments

VIII.
TTAC

October 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

BY: Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VIII.
FY 2023-24 KERN REGION ESTIMATED TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM (TIRCP) CALL FOR PROJECTS $46,453,489

DESCRIPTION:

The Transit and Intercity Rail Capital Program (TIRCP) was created by Senate Bill (SB) 862 (Chapter 36, Statutes of 2014) and modified by 9 (Chapter 710, Statutes of 2015), to provide grants from the Greenhouse Gas Reduction Fund (GGRF) to fund transformative capital improvements that will modernize California's intercity, commuter, and urban rail systems, and bus and ferry transit systems to significantly reduce emissions of greenhouse gases, vehicle miles traveled, and congestion. SB 125 provided additional direction with regards to the funding appropriated in the Budget Act of 2023.

DISCUSSION:

Kern COG staff received an apportionment estimate from Caltrans staff for the Kern Region for the Transit and Intercity Rail Capital Program (TIRCP). Caltrans will administer the TIRCP funding program in two accounts: 99313 (Kern COG Regional) and 99314 (Agency only) similar to the Proposition 1B program. **The guidelines for this program's spending will be published on September 30, 2023.**

TIRCP Ojectives

The TIRCP was created to fund transformative capital improvements that modernize California's intercity rail, bus (including feeder buses to intercity rail service, as well as vanpool and microtransit services that are eligible to report as public transit to the Federal Transit Administration), ferry, and rail transit systems (collectively referred to as transit services or systems inclusive of aforementioned modes unless otherwise specified) to achieve all of the following policy obejctives, as codified in Section 75220(a) of the PRC:he rail service of the state's various rail operations, including integration with the high-speed rail system.

1. Reduce emissions of greenhouse gases
2. Expand and improve transit service to increase ridership
3. Integrate the rail service of the state's various rail operations, including integration with the high-speed rail system
4. Improve transit safety

Further, as outlined in SB 125, which amended the Budget Act of 2023, it is the intent of the Legislator to:

1. Provide one-time multiyear bridge funding for transit opertors to address operational costs until long-term transit sustainability solutions are defined.he availability of transit for riders who are transit dependent.
2. Assist transit operators in preventing service cuts and increasing ridership.
3. Prioritize the availability of transit for riders who are transit dependent.
4. Prioritize transit agencies representing a signicant percentage of the region's ridership.

To that end, SB 125 specifies that the monies appropriated in the Budget Act of 2023 may be used either for high-priority transit capital projects or, subject to compliance with requirements described in Section 6 of the guidelines, to use those moneys to fund transit operating expenses within its jurisdiction in response to transit hardships (addressing the transit operational deficits due to ridership loss impacts lingering from the pandemic).

TIRCP Eligibility

Eligiblity for TIRCP tracks with the existing competitive program: rail capital projects (including acquisiton of rail cars and locomotives, that expand, enhance, and improve existing systems connectivity): intercity, commuter, and urban rail that increases service levels, improve reliability or decrease travel times; rail, bus, and ferry integration; and bus rapid transit and other bus and ferry investments that increase ridership and reduce GHG emission.

TIRCP Draft FY 2023-24 Regional Apportionmnet Schedule

	Population	Apportionment %	99313	99314	Total Apportionment
Arvin	**22,014**	**2.4110%**	**$1,051,470**	**$68,541**	**$1,120,011**
California City	**14,120**	**1.5465%**	**$674,423**	**$43,963**	**$718,386**
Delano	**51,070**	**5.5933%**	**$2,439,292**	**$159,007**	**$2,598,299**
GET	**552,749**	**60.5387%**	**$26,401,334**	**$1,720,994**	**$28,122,328**
Mcfarland	**14,044**	**1.5381%**	**$670,793**	**$43,727**	**$714,520**
Ridgecrest	**29,591**	**3.2409%**	**$1,413,375**	**$92,133**	**$1,505,508**
Shafter	**20,448**	**2.2395%**	**$976,672**	**$63,665**	**$1,040,337**
Taft	**7,142**	**.7822%**	**$341,128**	**$22,237**	**$363,365**
Tehachapi	**12,008**	**1.3152%**	**$573,546**	**$37,388**	**$610,934**
Wasco	**26,815**	**2.9369%**	**$1,280,783**	**$83,489**	**$1,364,272**
Kern Transit	**163,050**	**17.8577%**	**$7,787,870**	**$507,659**	**$8,295,529**
TIRCP Total			**$43,610,686**	**$2,842,803**	**$46,453,489**

Three Steps for RTPAs to Access Funds in FY 2023-24

Prior to December 31, 2023, the RTPA must: 1. Submit compiled transit operator data; then 2. Determine whether funds will be applied to transit operators either in FY 2023-24 or prior to the end of FY 2026-27. (If no funds will be applied to operations, then no further steps are necessary); If funds will be applied, then 3. The RTPA must submit a regional short-term financial plan. Agencies that do not submit complete information will have until April 30 to remedy their filings.

Two Steps for RTPAs to Accessing Funds in FY 2023-24

Each RTPA must submit compiled operator data and a regional short-term financial plan (regardless of whether any funds will be used to support transit operation prior to the end of FY 2026-27).

Submitting Compiled Transit Operator Data

The submission of data must be consistent with adopted guidelines, but at minimum must include: operator fleet and asset management plans; revenue collection methods and annual collection costs by operator; the existing service plan and planned changes; expenditures on security and safety measures; opportunities for restructuring, eliminating redundancies, and improving coordination amongst transit operators (including consolidation of agencies or reevaluation of network management and governance structure); and schedule data in general Transit Feed Specification (GTFS) format.

Contents of a Regional Short-Term Financial Plan

The plan shall: demonstrate how the region will address any operational deficit using all available funds through FY 2025-26; justify how the region's funding is proposed to be allocated to capital and operational expenses; justify and breakdown how the funding distributed between transit operators and among projects is consistent with program guidelines; demonstrate how the plan mitigates service cuts, fare increases, or layoffs to achieve short-term financial stability; summarize how the plan supports redership improvement strategies.

Transit Data Posted

RTPAs must post on its website a summary of monthly ridership data, consistent with the data submitted to the National Transit database, from all its transit operators during the period of time for which it receives those moneys.Should you have any questions or require additional information, please contact Bob Snoddy, Regional Planner at **(661) 635-2916** or E-mail at bsnoddy@kerncog.org.

CalSTA TIRCP Informational PowerPoint – August 28, 2023

For additional information, here is the link to the CalSTA TIRCP PowerPoint: https://calsta.ca.gov/-/media/calsta-media/documents/sb125-informal-draft-guidelines-explanatory-webinar-presentation-a11y.pdf

ACTION: Information.

Kern Council of Governments

IX.
TTAC

October 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

BY: Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: IX.
FY 2023-24 KERN REGION ESTIMATED ZERO EMISSION TRANSIT CAPITAL PROGRAM (ZETCP) $5,057,036

DESCRIPTION:

The Transit and Intercity Rail Capital Program (TIRCP) was created by Senate Bill (SB) 862 (Chapter 36, Statutes of 2014) and modified by 9 (Chapter 710, Statutes of 2015), to provide grants from the Greenhouse Gas Reduction Fund (GGRF) to fund transformative capital improvements that will modernize California's intercity, commuter, and urban rail systems, and bus and ferry transit systems to significantly reduce emissions of greenhouse gases, vehicle miles traveled, and congestion. Also included is a new Zero Emission Transit capital Program (ZETCP).

DISCUSSION:

Kern COG staff received an apportionment estimate from Caltrans staff for the Kern Region for the Transit and Intercity Rail Capital Program (TIRCP) and the Zero Emission Transit Capital Program (ZETCP). Caltrans will administer the TIRCP and ZETCP funding programs in two accounts: 99313 (Kern COG Regional) and 99314 (Agency only) similar to the Proposition 1B program. **The guidelines for this program's spending will be published on September 30, 2023.**

ZETCP Eligibility

Funds may be allocated for funding zero-emission transit equipment, including, but not limited to, zero-emission vehicles and refueling infrastructure; and funding transit operation expenditures that prevent service reduction or elimination in order to maintain or increase transit ridership (if consistent with an approved regional short-term or long-term financial plan.

ZETCP Use

Projects may include new approaches to attracting increased ridership such as smart mobile ticketing, contractless payment, or other software and hardware solutions to reduce ticketing transaction costs, or a test of a concept related to integrated ticketing, as well as intercity rail/transit effectiveness or operational planning as a component of the capital investments in improved, expanded and or restructure service designed to cost-effectively increase ridership.

Pursuant to SB 125, clean fleet, facility and network improvement projects that support agencies replacing aging vehicle fleets with Zero Emission Vehicles (ZEVs), and associated fueling or charging infrastructure or facility modifications, are also eligible under the Zero-Emission Transit Capital Program.

ZETCP Draft FY 2023-24 Regional Apportionmnet Schedule

	Population	Apportionment %	99313	99314	Total Apportionment
Arvin	**22,014**	**2.4110%**	**$114,466**	**$7,461**	**$121,927**
California City	**14,120**	**1.5465%**	**$73,419**	**$4,785**	**$78,204**
Delano	**51,070**	**5.5933%**	**$265,547**	**$17,309**	**$282,856**
GET	**552,749**	**60.5387%**	**$2,874,111**	**$187,358**	**$3,061,469**
Mcfarland	**14,044**	**1.5381%**	**$73,024**	**$4,759**	**$77,783**
Ridgecrest	**29,591**	**3.2409%**	**$153,863**	**$10,029**	**$163,892**
Shafter	**20,448**	**2.2395%**	**$106,323**	**$6,930**	**$113,253**
Taft	**7,142**	**.7822%**	**$37,137**	**$2,420**	**$39,557**
Tehachapi	**12,008**	**1.3152%**	**$62,439**	**$4,070**	**$66,509**
Wasco	**26,815**	**2.9369%**	**$139,429**	**$9,089**	**$148,518**
Kern Transit	**163,050**	**17.8577%**	**$847,805**	**$55,263**	**$903,068**
99313	**$4,747,563**				
99314	**$309,473**				
Kern Region total	**$5,057,036**		**$4,747,563**	**$309,473**	**$5,057,036**

Three Steps for RTPAs to Access Funds in FY 2023-24

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Two steps for RTPAs to Accessing Funds in FY 2023-24

Each RTPA must submit compiled operator data and a regional short-term financial plan (regardless of whether any funds will be used to support transit operation prior to the end of FY 2026-27).

Submitting Compiled Transit Operator Data

The submission of data must be consistent with adopted guidelines, but at minimum must include: operator fleet and asset management plans; revenue collection methods and annual collection costs by operator; the existing service plan and planned changes; expenditures on security and safety measures; opportunities for restructuring, eliminating redundancies, and improving coordination amongst transit operators (including consolidation of agencies or reevaluation of network management and governance structure); and schedule data in general Transit Feed Specification (GTFS) format.

Contents of a Regional Short-Term Financial Plan

The plan shall: demonstrate how the region will address any operational deficit using all available funds through FY 2025-26; justify how the region's funding is proposed to be allocated to capital and operational expenses; justify and breakdown how the funding distributed between transit operators and among projects is consistent with program guidelines; demonstrate how the plan mitigates service cuts, fare increases, or layoffs to achieve short-term financial stability; summarize how the plan supports redership improvement strategies.

Transit Data Posted

RTPAs must post on its website a summary of monthly ridership data, consistent with the data submitted to the National Transit database, from all its transit operators during the period of time for which it receives those moneys.

Should you have any questions or require additional information, please contact Bob Snoddy, Regional Planner at **(661) 635-2916** or E-mail at bsnoddy@kerncog.org.

ACTION: Information.

Kern Council of Governments

X.
TTAC

October 4, 2023

TO: TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Irene Enriquez, Regional Planner

SUBJECT: TTAC AGENDA ITEM: X.
MOBILITY INNOVATIONS AND INCENTIVES PROGRAM - STATUS REPORT

DESCRIPTION:

To help meet more stringent air standards, Kern COG promotes early deployment of alternative fuel vehicle technologies such as plug-in electric vehicles (EVs) and compressed natural gas-fueled vehicles This report was presented to the TTAC on May 31, 2023 and covers the period May 20, 2023 to September 30, 2023.

DISCUSSION:

Linda Urata retired from Kern Council of Governments on September 30, 2023. Her last day of work was Friday, September 29, 2023. During this quarter, Ms. Urata continued to train her colleagues to carry out the 2023-2024 Overall Work Program in Work Elements 203.3A and 603.3 Mobility Innovations and Incentives, 603.4 EV Ready Communities, 608.2 ATP Cycle 5 Safe Routes for Cyclists in 13 Kern County Disadvantaged Communities, and 801.1 Grant Writing.

Advertising and Marketing Materials: Kern COG updated the Mobility Innovations and Incentives/ATDM program brochure for distribution at the Kern County Fair, September 20 to October 1, 2023.

Fall EV Awareness Media Campaign: In September, Kern COG placed an ad campaign with Spectrum to run from October 10 to November 12 and then again from January 15 to February 15, 2024. The campaign will encourage public input to the 2024 EV Charging Station Blueprint by directing them to a website: tinyurl.com/kernevcs.

Kern EV Charging Spaces: Kern COG will work to capture the CALeVIP Golden State Priority funding to update the Zip Code Report in November 2023.

Kern County Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint
During this reporting period, Kern COG staff worked with the consultant, Gladstein, Neandross and Associates to complete the final MD|HD ZEVI Blueprint Document, and the Final Report to the CEC. Monthly meetings were held by the CEC Contract Agreement Manager that included Kern COG staff and GNA staff. The project agreement with the CEC was closed out by June 28, 2023. The final document is posted on the Kern COG website: https://www.kerncog.org/wp-content/uploads/2023/04/2023__MD-HD_ZEV_Infrastructure_Blueprint.pdf

$20 million available! NEW: On September 19, 2023, the California Energy Commission released its funding opportunity GFO-23-603 Implementation of Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprints. Fleets identified in CEC-funded blueprints, such as Kern COG's, are eligible to compete for $20 million. The deadline to apply for funding is November 10, 2023, 11:59 pm. A pre-application workshop was held October 4, 2023. Questions are due by October 9, 2023, 5:00pm. The five organizations developed in the Kern Blueprint are The Wonderful Company, Frito-Lay, WattEV, City of Arvin, and Tejon Ranch. Other fleets mentioned are: Here is a link to the website: https://www.energy.ca.gov/solicitations/2023-09/gfo-23-603-implementation-medium-and-heavy-duty-zero-emission-vehicle

ATP Cycle 5 *Safe Routes for Cyclists in 13 Kern County Disadvantaged Communities (SR4C)*
Kern COG staff worked with the consultant Bike Bakersfield and their partners at CalWalks and the Kern County Library to deliver the SR4C program. Administratively, invoices were brought current. During this reporting period a "May is Bike Month" countywide scavenger hunt was completed. Bike Rodeos and Bike Maintenance Workshops were held in all 13 communities. These will be offered again in communities with low turn-out. Kern COG staff participate in monthly program meetings, process invoices, and report on the program to Caltrans via the Calsmart reporting system. Program Review meetings were held in August and September to determine where the program needs to be adjusted to increase community participation. Kern COG ran a television ad campaign on KGET TV17 to promote the summer outreach activities. Please visit www.bikebakersfield.org to find your local event schedule.

EV Ready Communities

- Administration: Two amendments were made to the agreement with the CEC. One was to reallocate matching funds from Direct Labor to Subrecipients. Another was to update the Terms and Conditions. Kern COG worked on a third amendment to amend the budget, scope of work, and schedule of products to submit in September. This will take a few months to work through with the California Energy Commission process. The Miocar electric carshare portion of the project was cancelled. Kern COG proposed replacement projects to the CEC, but those were rejected. This necessitates a change in scope and budget. Station opening delays will necessitate an extension of the termination date, so that 12 months of data may be collected and analyzed. Once the CEC PRIME agreement with Kern COG is executed, Kern COG will amend the sub-agreements. Kern COG Staff completed written reports to the CEC and participated in monthly calls with the CEC Contract Agreement Manager.

- EV Charging Stations in ten locations throughout Kern County: During this period, delays in electrical installations, parts, permits, and location site readiness have served to delay all of the site openings such that only the McFarland Charging Station is open. Kern COG is working with all of the station hosts to keep the delays to 8 months (April 2024). Station opening celebrations will roll out as the stations open.

- Workforce Development: Kern Community College District reports that the curriculum is under development and that charging stations would be installed at Bakersfield College by the end of October 2023. The curriculum continues to work its way through the review process.

- Electric Bike (eBike) Pilot: Bike Bakersfield purchased bike kits and constructed six eBikes. However, three bikes had mechanical difficulties and the bikes were returned. Replacement eBikes will be purchased to pilot and demonstrate through the SR4C community outreach activities. Accessories also remain to be purchased.

- 2024 Kern EVCS Blueprint: The EV Ready Communities funding is being used to implement the 2019 EVCS Blueprint. A five-year update to the Blueprint is scheduled to be completed in 2024. Following an RFP process with panel interviews, Kern COG entered into an agreement on August 17th with DKS Associates to develop the 2024 Kern EVCS Blueprint.

- Outreach: Kern COG created a project information sheet that was distributed to the TTAC, RPAC, TPPC, the Arvin Clean Energy Fair (June 24), and the Kern County Fair.

Participation in committees and workgroups
Kern COG staff participated in monthly or quarterly meetings held by several working groups committees as time and schedule allowed, including the

- CEC Workshop for Municipal Fleets ZEVI solicitation development
- PG&E Transportation Electrification Advisory Group semi-annual meeting
- CARB Public Work Group for Clean Transportation Equity and Light-Duty Vehicle Investments meeting. Attend, take notes, ask questions, make comments.
- California Energy Commission (CEC) workshop where they presented and discussed findings from the second Assembly Bill (AB) 2127 Electric Vehicle Charging Infrastructure Assessment Staff Draft Report. The purpose of this workshop was to share the assessment charging infrastructure needs, discuss the differences from the first AB 2127 assessment, and solicit public feedback on these results.
- Community Action Board SUMMATION WATT EV meeting on September 15, 2023.
- Valley Strong Energy Institute/California Renewable Energy Lab Steering Committee meeting on September 21, 2023.
- California Transportation Commission Road Charge Technical Advisory Committee.

Kern COG Staff attended the California Energy Commission Workshop on September 7, 2023 where they presented and discussed findings from the second Assembly Bill (AB) 2127 Electric Vehicle Charging Infrastructure Assessment Staff Draft Report. The purpose of this workshop was to share the assessment charging infrastructure needs, discuss the differences from the first AB 2127 assessment, and solicit public feedback on these results. Link to the website: https://www.energy.ca.gov/event/workshop/2023-09/assembly-bill-ab-2127-assessment-workshop-staff-draft-report

Upcoming activities:

October 10 to November 12: Spectrum digital campaign online and on social media to promote the 2024 Kern EV Charging Station Blueprint website collecting information on siting future charging stations. Visit tinyurl.com/kernevcs to participate.

October 14, 2023: Best Drive EVer at the Bakersfield AutoMall. Kern COG is a sponsor.

Kern Active Transportation Alliance (KATA) will host Safe Routes for Cyclists in Disadvantaged Communities monthly Community Bike Rides, Stakeholder Meetings, and other activities to increase bicycling skills and confidence, offer bike maintenance, and demonstrate electric bicycles. A Community Rides schedule for September and October is attached to this staff report. Visit www.BikeBakersfield.org to find future events' dates and places.

California Plan for National Electric Vehicle Infrastructure (NEVI) Program: The California Deployment Plan for NEVI was approved in September 2022 by the US Joint Office of Energy and Transportation. Under NEVI California will receive $56 million in the first year and a total of $384 million over five years, while California has announced plans to invest $10 billion over multiple years. NEVI was authorized under the federal Infrastructure and Investment and Jobs Act of 2021 (IIJA). The program in California was put together in partnership between the California Department of Transportation (Caltrans) and the California Energy Commission (CEC), with Caltrans designated as the lead agency.

NEVI funds must be used initially on federally designated Alternative Fuel Corridors. Starting with Round 1 in 2016, Kern COG has been assertive in seeking FAST Corridor designations in Kern County, working with Caltrans Districts 6 and 9.

In June and July, workshops were held on the Development of the 2023 Update to California's Deployment Plan for the NEVI Formula Program. Here is the website hosted by the CEC: https://www.energy.ca.gov/programs-and-topics/programs/national-electric-vehicle-infrastructure-program-nevi

There is a NEVI mapping tool to show when specific corridors are eligible for funding. You can find that here: https://experience.arcgis.com/experience/135c0da4b70f4717b4664ad2e427d2bc

Resources For more funding resources and tools, please visit https://www.kerncog.org/wp-content/uploads/2022/06/EVCS_Toolkit_Resources_202206.pdf,

Also visit the websites of agencies that provide funding, such as the CEC, CARB, the EKAPCD and the San Joaquin Valley Air Pollution Control District.

If member agencies are interested in identifying funds for a specific project, Kern COG staff may be able to assist you. Please contact Irene Enriquez, Regional Planner at ienriquez@kerncog.org.

ACTION: Information.

Kern Council of Governments

XI. TTAC

October 4, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XI.
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

DESCRIPTION:

Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

DISCUSSION:

At the January 25-26, 2023 meeting, the California Transportation Commission (CTC) initiated the 2024 Regional Transportation Improvement Program (2024 RTIP) process to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

2024 Regional Transportation Improvement Program Schedule		
~~January 2023~~	~~CTC~~	~~Adopt 2024 STIP Fund Estimate Schedule~~ Done
~~March 22-23, 2023~~	~~CTC~~	~~Present Fund Estimate Assumptions to Commissioners~~
~~April 26, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~May 17-18, 2023~~	~~CTC~~	~~Adopt Fund Estimate Assumptions~~ Done
~~June 21, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~June 28-29, 2023~~	~~CTC~~	~~Present Draft Fund Estimate~~ Done
~~August 16-17, 2023~~	~~CTC~~	~~Adopt Statewide Fund Estimate and Guidelines~~ Done
~~August 23, 2023~~	~~KCOG~~	~~Regional Workshop~~ Done
~~September 6, 2023~~	~~KCOG~~	~~Circulate Adm. Draft 2024 RTIP (TTAC)~~ Done
~~September 13, 2023~~	~~KCOG~~	~~Regional Workshop – Repeat of August 23rd Workshop~~
October 4, 2023	KCOG	Circulate Draft 2024 RTIP (TTAC)
November 16, 2023	KCOG	Regional Adoption of 2024 RTIP CIP (TPPC)
December 15, 2023	KCOG	Submittal deadline of 2024 RTIP to the CTC
January/February,	CTC	Conduct Southern/Northern California Public Hearing
March 1, 2024	CTC	CTC will circulate staff recommendation for 2024 STIP
March 21-22, 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

This month – Staff is circulating the 2024 RTIP Draft as presented at the previous two workshops, with no changes (see Attachment F). In November, staff will be requesting a recommendation for approval.

September Information Item – The CTC provided the 2023 Summary of STIP County Shares (Orange Book). Attachment A of this report includes the 2023 Orange Book page for the Kern Region. The adopted CTC 2024 STIP Fund Estimate is included in Attachment E. The Fund Estimate includes County Shares for regional agencies to use in proposing new programming in the 2024 RTIP. The County Share for the Kern region is $13,505,000. The maximum County Share amount of $46,349,000 is based on a 5-year estimate but would require other regions to program less as well as be considered an advance from a future RTIP cycle. Staff circulated the 2024 RTIP Administrative Draft as presented at the August 23, 2023 RTIP Workshop (see Attachment F). The September 13, 2023 RTIP Workshop was a repeat of the August 23rd RTIP Workshop. Attachment G includes the Summary of Memorandum of Understanding Projects as discussed at the previous two RTIP Workshops. Inyo County noted an imbalance of payments as outlined in the Eastern California partnership. Inyo County provided more than their share as shown in Attachment G. Inyo County is requesting $3.4 million of the Kern County Share in the 2024 RTIP cycle for the Lone Pine Town Rehabilitation project.

Current 2022 STIP as Adopted - Kern COG projects in the current 2022 STIP include highway capacity projects on State Routes 46, 58 and 99. The new SR 58 Truck Climbing Lane project was added to the 2022 STIP using CRRSAA / COVID funding. The Truck Climbing Lanes project on State Route 58 east of Bakersfield is considered a partnership project with Caltrans, with the intent of receiving SHOPP funding in future cycles for the construction phase. SR 46 widening work was advanced in the 2022 STIP to include construction funding for Segments 4B and 4C. These last 2 segments, once constructed, will complete the delivery of the last Phase 4, 5-mile segment. Phases 1, 2, and 3 are constructed. The Hageman Flyover project was programmed for construction in the 2022 RTIP. But the project has experienced delays. A STIP amendment was subsequently submitted by Kern COG to move funding from the Hageman Flyover to a new freeway to freeway connector project at the SR 58 and 99 freeway interchange. The STIP amendment was approved at the January 25-26, 2023 CTC meeting.

2022 STIP KERN REGION PROJECT STATUS	
SR 46 Widen Segment 4B	This project is currently under construction and scheduled for completion in 2023. This project will not move forward into the 2024 RTIP.
SR 46 Widen Segment 4C	Received construction authorizations in 22-23 and scheduled to begin work in 2023. This project received full STIP and TCEP allocations. This project will not move forward into the 2024 RTIP.
SR 58 Centennial Mainline	Under construction at 81% completed & expected to be completed later this year. Final AB 3090 (STIP) payment was allocated in 2022.

SR 99/204 Hageman Flyover	The Hageman project was not likely to advance to construction as programmed in the 2022 STIP. Kern COG subsequently requested a 2022 STIP Amendment. The amendment was approved at the January 25-26, 2023 CTC meeting to remove STIP funds from Hageman and move to new STIP project to construct a new freeway to freeway connector from eastbound SR 58 from new alignment west of SR 99 to northbound 99.
SR 58 Climbing Lanes	In the environmental review phase using CRRSAA/COVID funding.
NEW - SR 58/99 Connector	New project added to the 2022 STIP. This project was approved at the January 25-26, 2023, CTC meeting, as a STIP amendment and will fund the construction phase for the new connector. The City of Bakersfield is the lead for this work.
NEW - SR 46 Antelope Grade Truck Climbing Lane Extension	New project added to the 2022 STIP. This project was approved at the June 28-29, 2023 CTC meeting, as a STIP amendment and will fund the preliminary engineering and construction phase. Caltrans District 5 is the lead for this work and will provide Minor funds to complete the construction phase.

These projects are part of the 2022 State Transportation Improvement Program, and their funding activity is tracked by the CTC, every two years, through an updated document called Report of STIP Balances County and Interregional Shares, or the Orange Book. Attachment A of this report includes the 2023 Orange Book page for the Kern Region.

Update of Kern COG Project Delivery Policies and Procedures – In 2019, the Kern COG Board adopted the latest version of the Kern COG Project Delivery Policies and Procedures document which included updates to Chapters 1, 2 and 3. Chapter 3 focuses on the Regional Transportation Improvement Program process. The update included changes that provided consistency with STIP guidelines and other discretionary transportation programs.

ACTION: Information.

Enclosures:

Attachment A: CTC 2023 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments
Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops
Attachment D: KCOG RIP 60/40 Status
Attachment E: Final 2024 STIP Fund Estimate
Attachment F: 2024 RTIP Capital Improvement Program – Draft
Attachment G: Summary of Memorandum of Understanding Project

Attachment A: CTC 2023 Summary of STIP County Shares (Orange Book)

2023 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

($1,000's)

Total County Share, June 30, 2022 (from 2022 Report)	63,002
Less 2021-22 Allocations and closed projects	(19,263)
Less Projects Lapsed, July 1, 2022-June 30, 2023	0
Total County Share, June 30, 2023	43,739

Kern

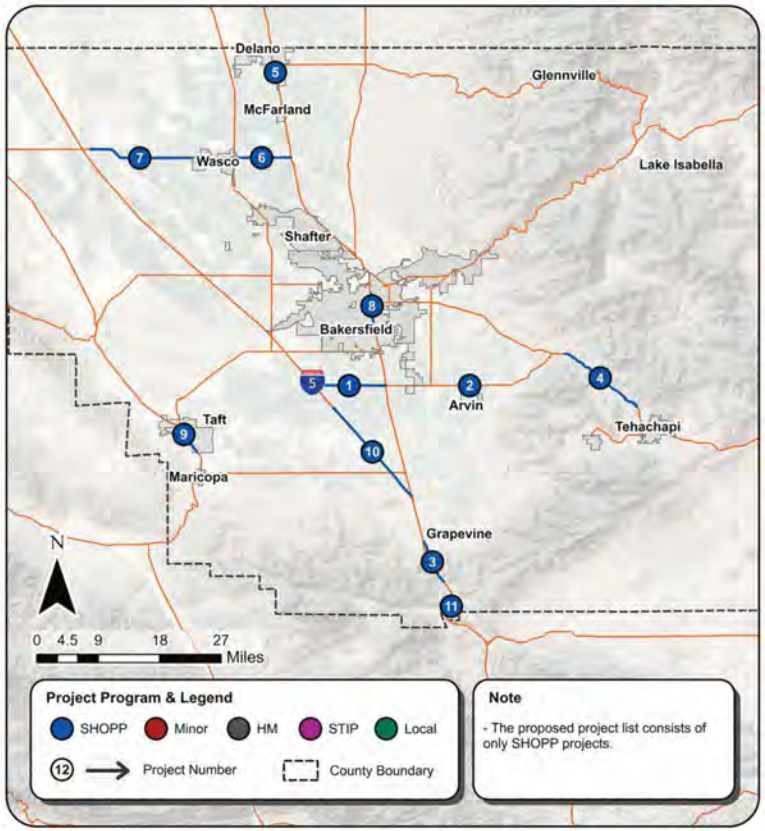
								Project Totals by Fiscal Year						Project Totals by Component					
Agency	Rte	PPNO	Project	Ext	Del.	Voted	Total	Prior	22-23	23-24	24-25	25-26	26-27	R/W	Const	E & P	PS&E	R/W Sup	Con Sup
Highway Projects:																			
Bakersfield	loc	3525	Hageman Rd Ext fr Knudsen Dr across Rt 99 to Rt 204 (22S-06)			delete	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring			Aug-22	300	0	300	0	0	0	0	0	300	0	0	0	0
Caltrans	46	3386E	Widen 4 lns, Browns Material Rd-CA Aquaduct, Seg 4C			Dec-22	13,995	5,450	8,545	0	0	0	0	2,750	4,445	0	2,100	600	4,100
Caltrans	14	8042B	Freeman Gulch widening-Segment 2 (RIP 40%)				1,960	1,960	0	0	0	0	0	0	0	0	1,960	0	0
Bakersfield	58	8029	Centennial Corridor EB 58 to NB 99 Loop Connector (22S-06)				24,093	0	0	0	0	24,093	0	0	24,093	0	0	0	0
Kern COG		6L03	Planning, programming, and monitoring				1,891	0	0	300	591	500	500	0	1,891	0	0	0	0
			Subtotal, Highway Projects				42,239	7,410	8,845	300	591	24,593	500	2,750	30,729	0	4,060	600	4,100
		Total Programmed or Voted since July 1, 2022					42,239												
COVID Projects																			
Caltrans	58	2664	Truck Climbing Lane, e/b, PM 76.3-79.8(20S-26)				2,272	2,272	0	0	0	0	0	0	0	2,272	0	0	0
Caltrans	46	3178	Antelope Grade truck Climbing Lane Extension (22S-14)	SOF			1,456	0	0	1,456	0	0	0	0	1,056	200	200	0	0
		Total Programmed or Voted since July 1, 2022					3,728	2,272	0	1,456	0	0	0	0	1,056	2,472	200	0	0

Balance of STIP County Share, Kern	
Total County Share, June 30, 2023	43,739
Total Programmed or Voted Since July 1, 2022	42,239
Unprogrammed Share Balance	1,500
Share Balance Advanced or Overdrawn	0
COVID Programming	
Target	6,414
Total Programmed or Voted Since July 1, 2022	3,728
All Lapsed Projects	0
Less All Allocations	2,686
Unprogrammed Share Balance	0
Rescinded Shares as of June 30, 2023	0
Share Balance	0

Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROPOSED PROJECT LIST (YEARS 6-7)

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROPOSED PROJECT LIST (YEARS 6-7)								
1	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	Proposed	$9,877	2024/25
2	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
3	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25
4	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
5	1A810	6	99	54.6 / 54.61	Delano Facility. Reconstruct Building	ENV	$3,486	2025/26
6	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
7	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
8	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
9	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
10	0W930	6	5	15.9R / 30.0	KER I5 CAPM / Remove .35' HMA and Place .25' HMA and 0.10' RHMA.	ENV	$35,406	2025/26
11	0X570	6	5	.73 / 1.08	Tejon SRRA Water & Wastewater Upgrades / Upgrade Water and Wastewater Systems	ENV	$10,170	2025/26



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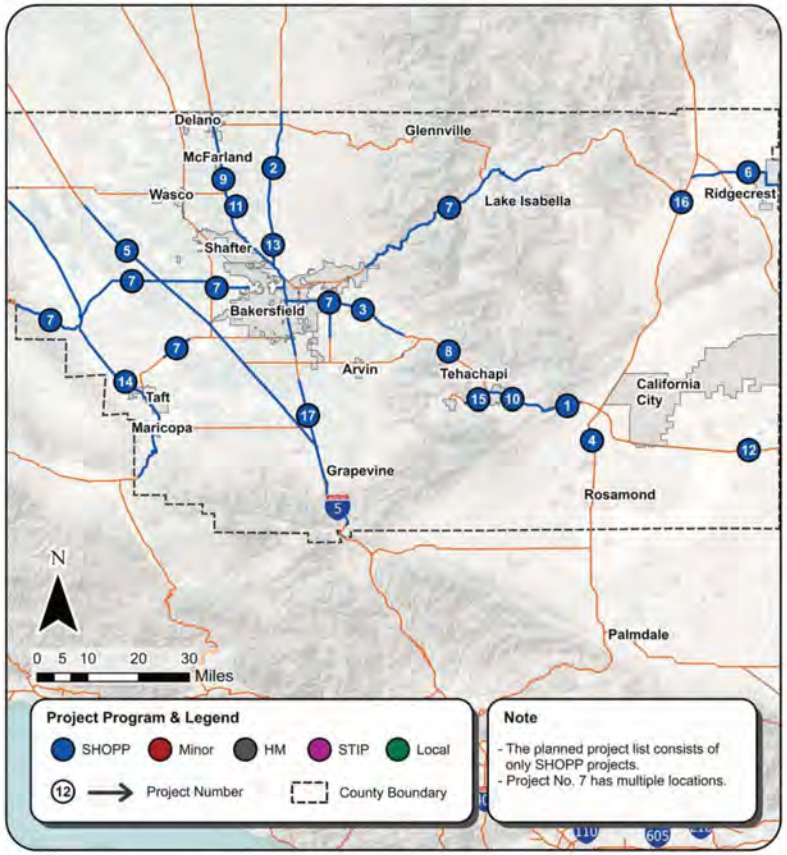
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PLANNED PROJECT LIST (YEARS 8-10)

No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PLANNED PROJECT LIST (YEARS 8-10)								
1	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	Future	$39,623	2026/27
2	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
3	0X450	6	58	R64.9 / R64.91	Arvin KER-58 Wim Upgrade / Improve Weigh Facility	Future	$3,051	2026/27
4	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	Future	$47,558	2026/27
5	19586	6	5	52.80 / 62.6	Rehab	Future	$76,423	2027/28
6	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	Future	$72,355	2027/28
7	22144	6	58	3.03 / 72.67	In Kern County at various locations. Drainage improvements	Future	$14,196	2027/28
8	22129	9	58	81 / 81.1	In Kern county at CVEF on Route 58 eastbound	Future	$1,260	2028/29
9	1A660	6	99	R43.9R / 49.4	CAPM	Future	$9,522	2028/29
10	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29
11	22167	6	99	R43.6R / R43.61R	50 0011R Spot prep and paint steel members	Future	$2,115	2028/29
12	21986	9	58	R138.75 / R139.0	In Kern County at Boron SRRA. Rehab wastewater treatment.	Future	$2,994	2028/29
13	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
14	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
15	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58.	Future	$9,387	2028/29
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	$2,463	2028/29
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	$13,724	2028/29



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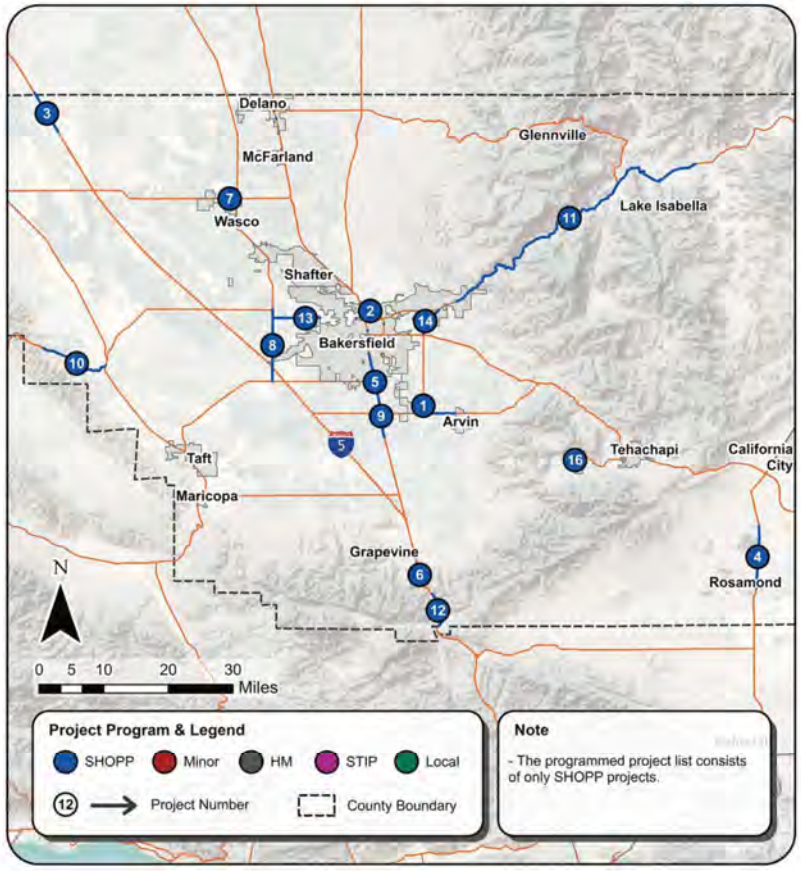
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART I

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
1	0V280	6	184	L0.9 / L1.1	Kern 184/Sunset Roundabout / Intersection Improvements	CON	$9,050	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U470	6	5	82 / 87	Lost Hills Rehab / Pavement Rehabilitation (2R)	CON	$29,330	2019/20
4	36740	9	14	R4.7 / R12.6	Rosamond-Mojave Rehab / 2R	CON	$73,615	2019/20
5	0U240	6	99	VAR / VAR	Various locations in Kern and Kings Counties	CON	$10,802	2019/20
6	0W160	6	5	5.97 / 9.78	Grapevine Culvert Repair / Upgrade Drainage Systems	CON	$14,214	2019/20
7	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
8	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
9	0Q920	6	99	10.4 / 21.2	Union Ave to White Lane 2R Rehab / Pavement Rehabilitation and Improve Vertical Clearance	CON	$66,740	2019/20
10	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	$12,400	2020/21
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	$10,100	2021/22
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	$16,783	2021/22



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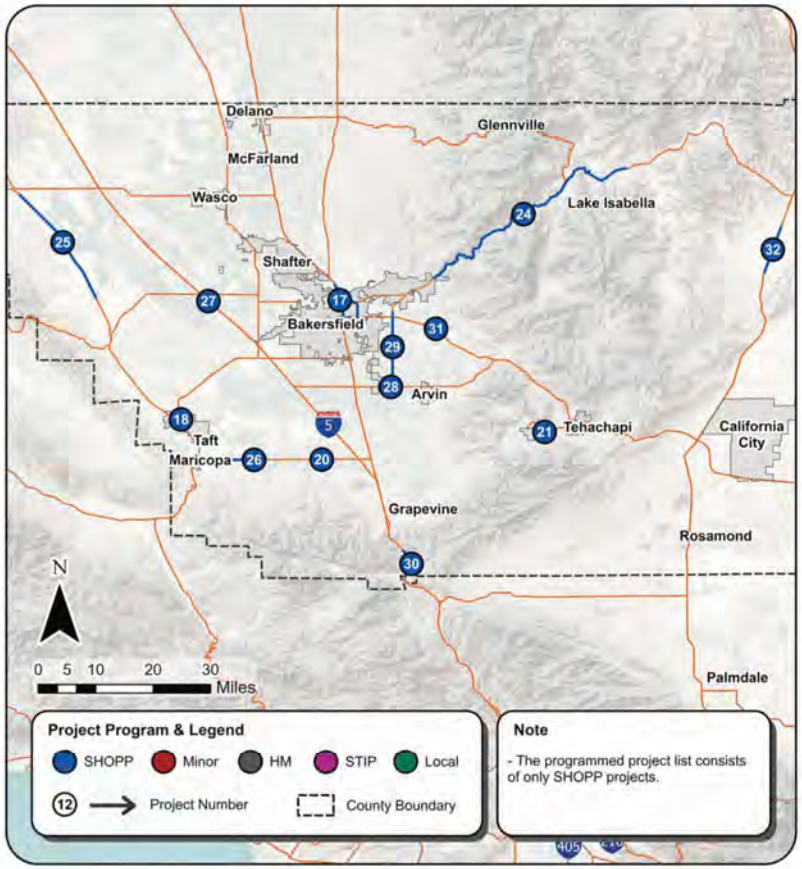
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART II

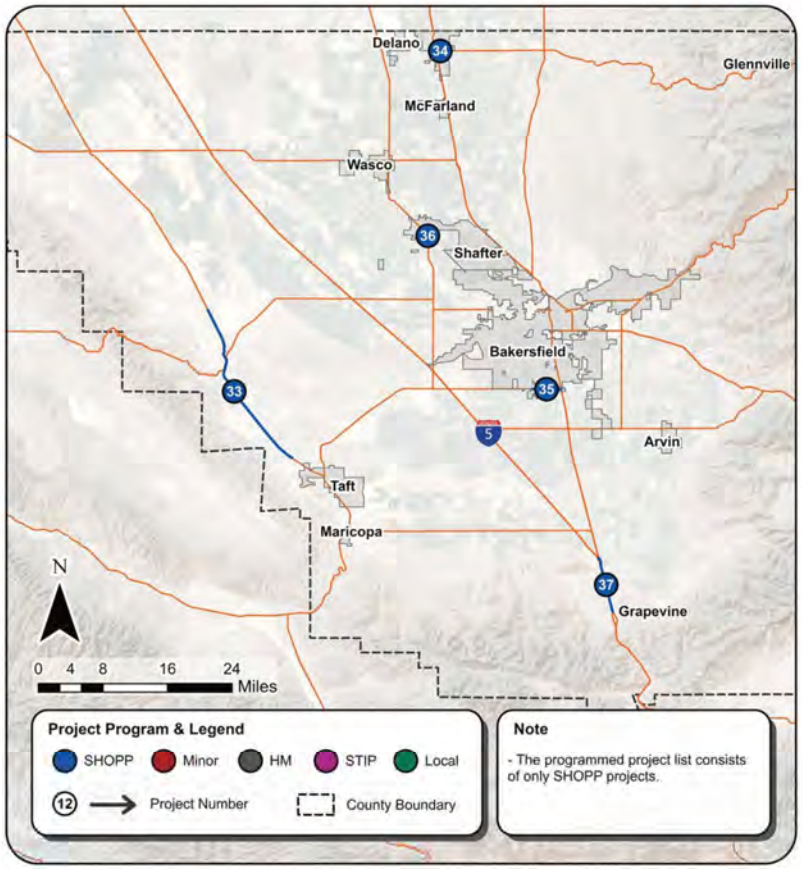
Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
17	0Q281	6	99	23.6 / R28.4	Bakersfield 99 Rehab Replacement Planting / Replacement Planting	ENV	$10,340	2021/22
18	0X760	6	119	0.14 / 0.54	Taft Left Turn Channelization / Left-Turn Channelization	ENV	$5,221	2021/22
19	0T000	6	58	R53.2 / R55.6	KER 58 ADA / Upgrade Curb Ramps	DES / ROW	$4,620	2021/22
20	0S050	6	166	17.3 / 17.7	Calif Aqueduct Bridge Rehab / Bridge Rehabilitation/Seismic Retrofit	ENV	$44,045	2021/22
21	36720	9	202	r4.89 / R4.89	Cummings Valley Rd Int / Construct Left Turn Lane	DES / ROW	$5,044	2021/22
22	0W150	6	204	0.00 / 6.752	SR 204 within City of Bakersfield and TUL SR 65 in Exeter at various locations	DES	$10,728	2021/22
23	0W990	6	204	2.805 / 2.805	Union Avenue High Intensity Activated Crosswalk / Install Hybrid Pedestrian Beacon (Hawk)	DES / ROW	$4,275	2021/22
24	0X080	6	178	8.0 / 50.0	Kern Canyon Culvert Rehab / Repair and Replace Culverts	DES / ROW	$13,000	2021/22
25	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
26	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
27	1A690	6	5	47.55 / 52.15	Buttonwillow Median Barrier / Construct Median Barrier	ENV	$5,720	2022/23
28	0R190	6	223	15.7 / 16.3	Arvin SR 223/184 Roundabout / Intersection Improvement	DES / ROW	$3,700	2022/23
29	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
30	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehabilitation (2R)	ENV	$31,350	2022/23
31	0X160	6	58	64.40 / 67.30	Edison 2R Rehab / Pavement Rehabilitation (2R)	ENV	$14,270	2022/23
32	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23



KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
PROGRAMMED PROJECT LIST (YEARS 1-5)								
33	0X240	6	33	21.8 / 39.8	KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	$11,430	2023/24
34	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
35	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
36	1A470	6	43	15.8 / 15.8	Santa Fe Roundabout / Construct Roundabout	ENV	$13,617	2023/24
37	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24



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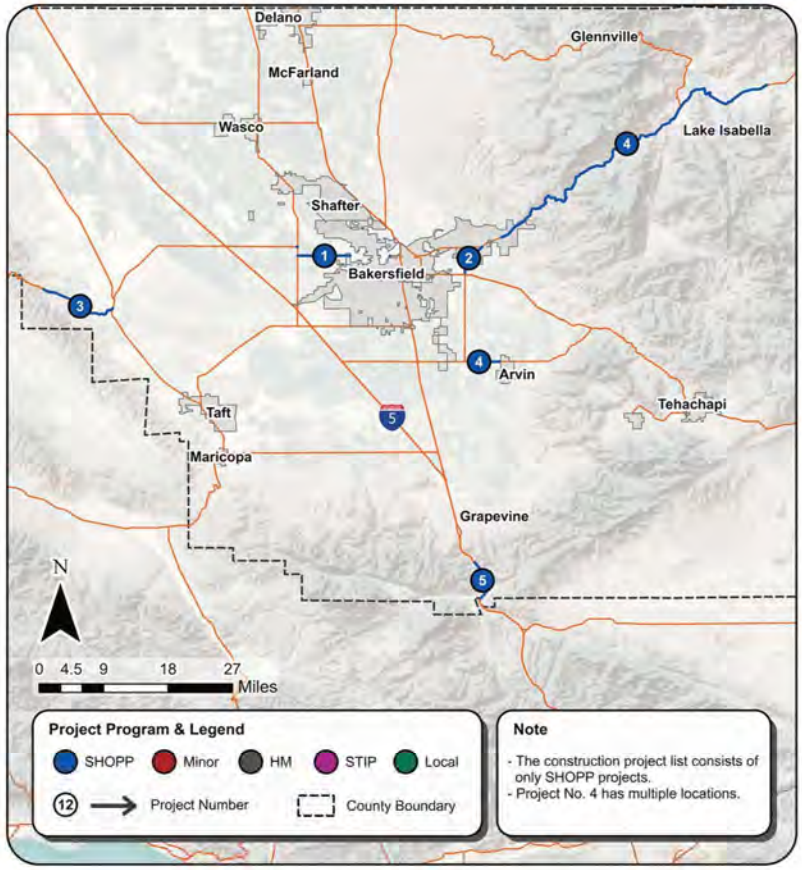
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
CONSTRUCTION READY PROJECT LIST

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
CONSTRUCTION READY PROJECT LIST (READY TO LIST ACHIEVED)								
1	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	CON	$12,400	2020/21
2	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES	$12,140	2020/21
3	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES	$15,970	2020/21
4	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	$6,513	2020/21
5	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	$1,638	2020/21



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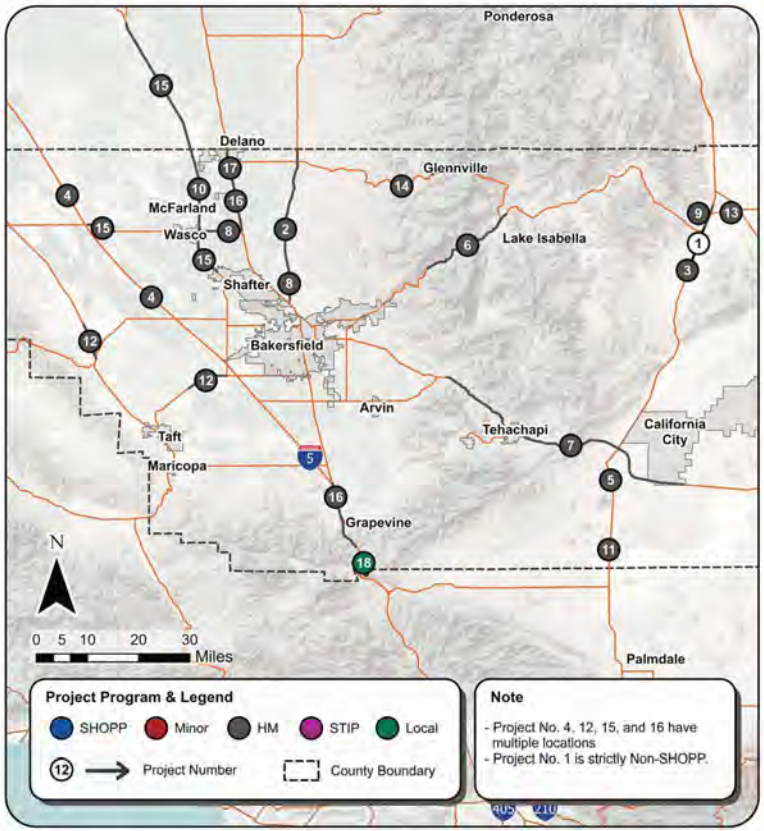
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
1	45712	6	14	53/58.3	Freeman Gulch Widening-Segment 2 / Convert Existing 2-Lane to 4-Lane Expressway	DES / ROW	$85,530	2022/23
2	1B080	6	65	1.0 / 25.169	Striping / 6 inch Stripe	CON	$2,570	2020/21
3	38570	9	14	52.8 / 58.3	Pavement Preservation / AR Chip Seal - SB1	CON	$916	2020/21
4	1A930	6	5	77.0 / 82.6	Rigid Roadbeds / PCC Slab Replacement	CON	$1,075	2020/21
5	38590	9	14	R12.3 / R15.3	Pavement Preservation / Digouts	CON	$1,761	2020/21
6	0Y110	6	178	24.6 / R44.191	Pavement Preservation / PME Medium Chip Seal	CON	$2,525	2020/21
7	38580	9	58	77.252 / R125.3	Pavement Preservation / Digouts	CON	$1,100	2020/21
8	1A950	6	46	51.2 / 57.785	Pavement Preservation / Remove and Replace RHMA Type G	CON	$4,300	2020/21
9	38800	9	14	58.3 / 62.2	Slopes/Vegetation / Slope Repair	CON	$40	2020/21
10	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	$5,425	2020/21
11	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	$32	2020/21
12	1B000	6	33	34.2 / 40.0	Pavement Preservation / PME Medium Chip Seal	CON	$2,425	2020/21
13	38130	9	178	91.88 / 91.88	Maintenance Facilities / Pave portion of yard	CON	$215	2020/21
14	1B020	6	155	35.5 / 37.5	Pavement Preservation / 0.15 HMA Type a w/ Digouts	CON	$2,650	2020/21
15	1A990	6	43	17.3 / R24.0	Pavement Preservation / PME Med Chip Seal	CON	$3,400	2020/21
16	1A900	6	5	4.4 / R15.8R	Rigid Roadbeds / PCC Slab Replacement	CON	$2,950	2020/21
17	1C002	6	99	54.5 / 54.5	Maintenance Facilities / Slurry Seal Delano MF	CON	$224	2020/21
18	0Y550	6	5	0.8/2	Lebec Mountain Village Roundabout / Construct Roundabout at Ramp Intersections	ENV	$402	2023/24



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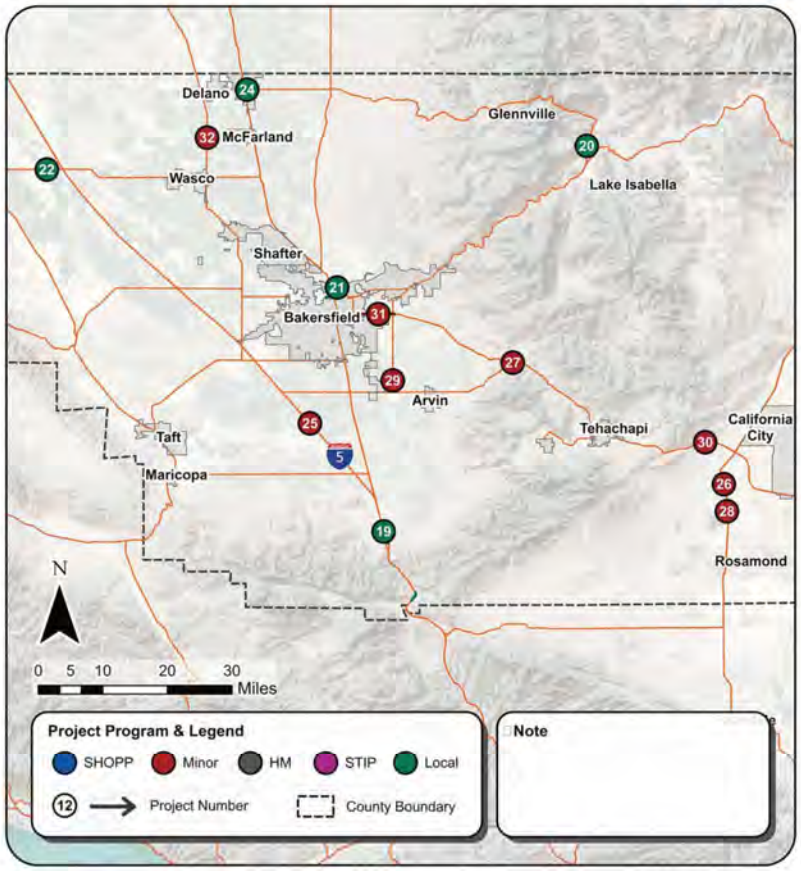
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
19	0R100	6	5	9.5/12	Grapevine Interchange / Relocate Interchange	ENV	$1,200	2025/26
20	0V770	6	155	68.2/R68.6	Usace Lake Isabella Oversight Projects / Realign Roadway	CON	$419	Future
21	48450	6	204	5.9/6.8	Hageman Flyover / Extension and Connection to RTE 204	DES / ROW	$5,658	2021/22
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	$1,300	2020/21
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	$0	2021/22
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	$498	2021/22
25	0T030	6	5	28.17 / 28.17	Mobility - TMS / In Kern, Kings and Fresno Counties, on Route 5 at various locations. Install Vehicle Detection Systems (VDS).	CON	$3,762	2020/21
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	$2,273	2020/21
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	$1,900	2021/22
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	$2,273	2020/21
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	$327	2021/22
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	$382	2020/21
31	0Y940	6	58	R55.47 / R59.67	Pavement / In Kern County, in Bakersfield on Route 58 at various ramps/locations. Remove and replace pavement.	DES	$400	2021/22
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	$250	2021/22



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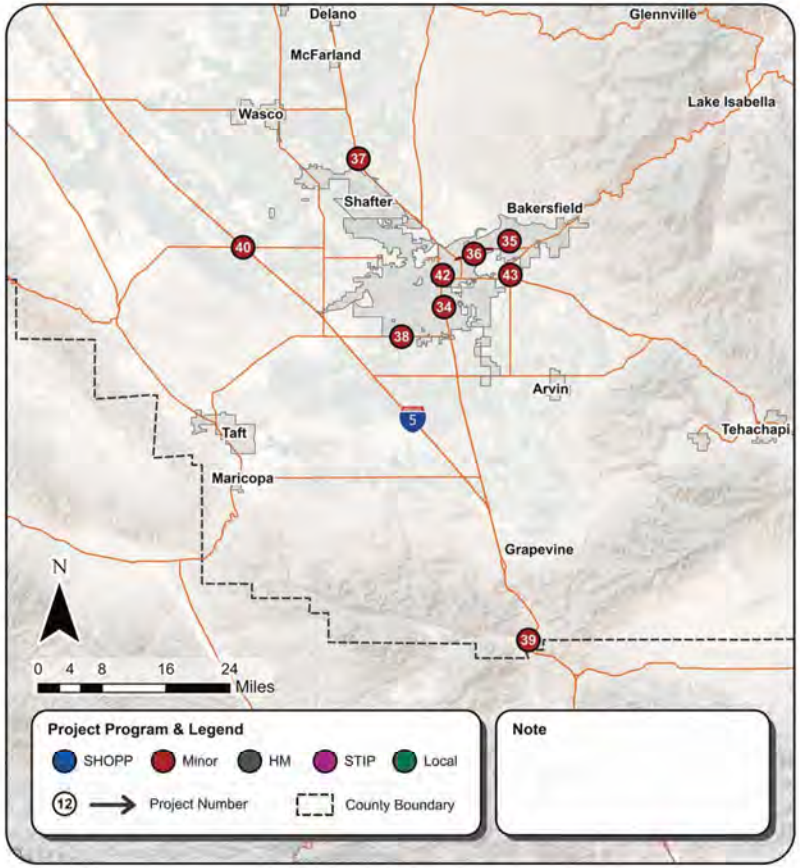
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART III

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
33	0S790	6	178	R4.5 / R4.5	Pavement / In Kern County, in Bakersfield at the Mount Vernon Avenue westbound onramp. Remove and replace pavement.	DES	$384	2021/22
34	1A150	6	99	20.6 / 20.6	Major Damage - Protective Betterments / In Kern County, in Bakersfield at Pacheco Road. Upgrade fence.	DES	$163	2021/22
35	1A130	6	178	R4.6 / R5.2	Major Damage - Protective Betterments / In Kern County, in the city of Bakersfield at various locations. Construct fence.	DES	$195	2021/22
36	0Y950	6	178	R1.89 / R5.78	Pavement / In Kern County, in Bakersfield on Route 178 at various ramps/locations. Remove and replace pavement.	DES	$415	2021/22
37	0V130	6	99	R39.1 / R39.1	Pavement / In Kern County, near Bakersfield on Route 99 at Merced Avenue offramp. Remove asphalt pavement and replace with concrete pavement.	DES	$600	2021/22
38	0X920	6	119	26.1 / 26.4	Safety Improvements / In Kern County, at Old River Road. Install safety lighting.	DES	$205	2021/22
39	1B160	6	5	R0.0 / R0.0	Mobility - Operational Improvements / In Fresno, Kern, Kings, Madera and Tulare counties on various routes at various locations. Repair and replace detection loops	DES	$325	2021/22
40	1C240	6	58	31.44 / 31.75	Pavement / In Kern County from 0.01 miles west of Route 5 SB offramp to Tracy Avenue (East). Remove and replace pavement and loops.	CON	$385	2020/21
41	1A420	6	178	R4.6 / R4.6	Major Damage - Protective Betterments /	CON	$134	2020/21
42	0X540	6	178	R2.26 / R2.26	Safety Improvements / In Kings County, at Pickerell Avenue. Install flashing beacon.	DES	$205	2020/21
43	1A860	6	184	8.35 / 8.35	Pavement / In Kern County, near Bakersfield at Edison Road. Remove and replace pavement.	DES	$410	2020/21



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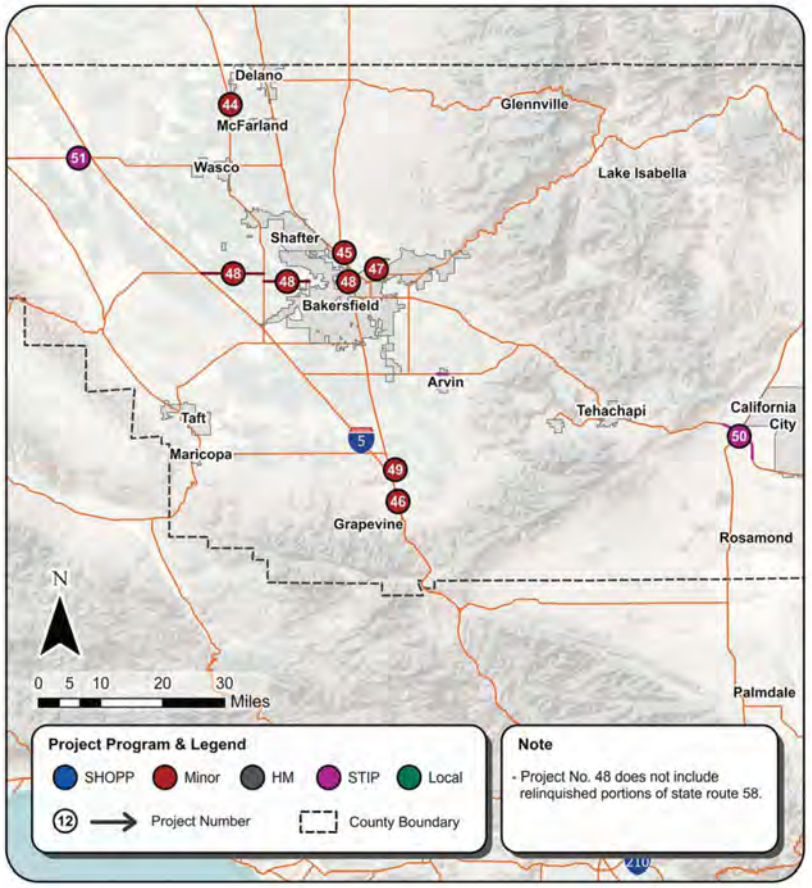
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
NON-SHOPP PROGRAM PROJECT LIST - PART IV

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
NON-SHOPP PROJECT LIST								
44	0Y340	6	43	33.2 / 33.5	Safety Improvements / In Kern County, at Pond Road. Install flashing beacon.	DES	$173	2020/21
45	1A550	6	99	26.7 / 26.7	Bridge - Health / In Kern County, on Route 99 at the Calloway Canal Bridge and on Route 119 at the Weed Creek and Broad Creek Bridges. Repair bridges.	DES	$555	2021/22
46	1C030	6	5	11.7 / 12.39	Mobility - WIM Scales & CVEFs / In Kern County from the Grapevine Commercial Vehicle Enforcement Facility to 2.6 miles south of the Route 99 junction. Replace weigh station message sign.	DES	$500	2021/22
47	0Y780	6	99	26.502 / 26.502	Facilities / In Bakersfield, at the old California Highway Patrol (CHP) facility at 4040 Buck Owens Boulevard. Acquire facility to maintain Transportation Management Center (TMC) functions.	DES	$106	2021/22
48	1B150	6	58	31.6 / 51.8	Kern Freeway Signs / Upgrade and Install Freeway Signs	CON	$460	2020/21
49	1C330	6	5	13.54 / 13.8	Pavement / In Kern County at the NB off ramp to Wheeler Ridge. Remove and Replace HMA	DES	$325	2021/22
50	44255	6	46	29.7/31.9	Route 46 Conv/Exwy Segment 4B / 2-Lane Conventional Highway to 4-Lane Expressway Segment 4B	CON	$40,503	2020/21
51	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	$87,010	Future



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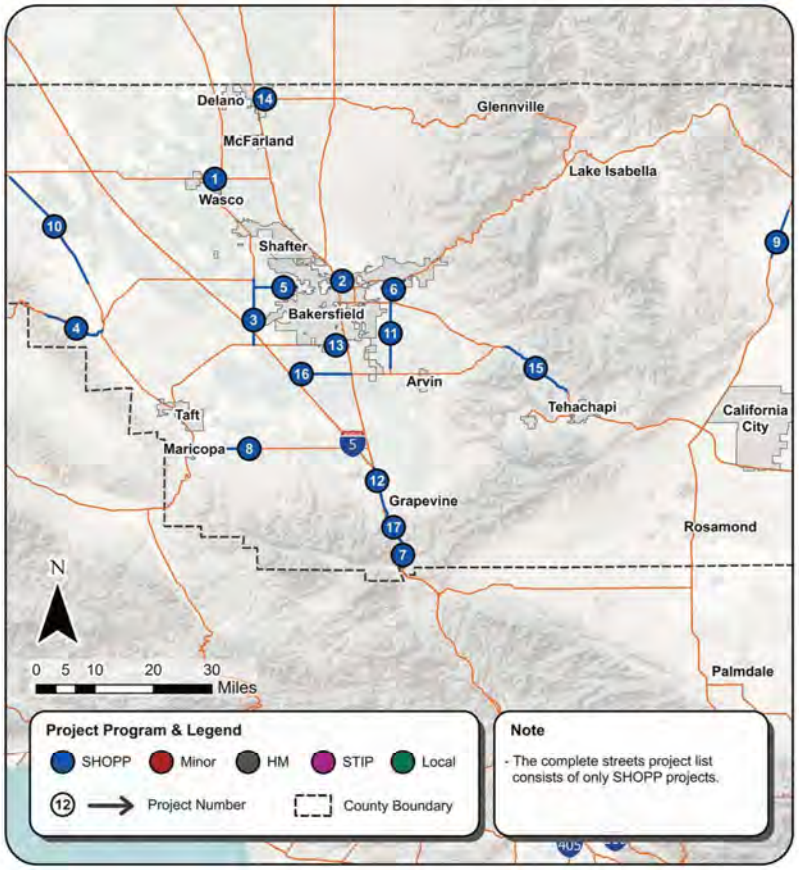
Attachment B: Current Listings of State Highway Maintenance Project Investments

KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART I

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
1	0U480	6	46	49 / 50.9	Wasco Route 46 CAPM / Pavement Preservation (CAPM)	Closeout	$7,610	2019/20
2	0U490	6	204	5.1 / 6.7	Golden Empire CAPM / Pavement Preservation (CAPM)	Closeout	$5,105	2019/20
3	0U100	6	43	0 / 9.3	Enos Lane CAPM & ADA Curb Ramps / Pavement Preservation (CAPM)	CON	$14,339	2019/20
4	0X350	6	58	6.00 / 15.40	Reward CAPM / Pavement Preservation (CAPM)	DES / ROW	$15,970	2020/21
5	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	Closeout	$12,400	2020/21
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$12,140	2020/21
7	0X330	6	5	0.0 / 4.40	Fort Tejon 2R Rehab / Pavement Rehablilitation (2R)	ENV	$31,350	2022/23
8	0X380	6	166	0.00 / 9.00	Maricopa Highway CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$14,540	2022/23
9	37890	9	14	46.2 / 52.8	Freeman 3 CAPM / Pavement Repair (CAPM)	ENV	$8,707	2022/23
10	0Y130	6	33	40.40 / 59.00	Blackwell's Corner CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,570	2022/23
11	0U290	6	184	0.8 / 8.3	Weedpatch Hwy 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$33,055	2022/23
12	0U500	6	5	10.20 / 15.90	Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$22,350	2023/24
13	0V610	6	119	28.3 / 31.28	Pumpkin Center 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	$57,300	2023/24
14	0W810	6	155	0.00 / 1.50	Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	$16,740	2023/24
15	37920	9	58	77.252 / 88.34	Keene Pavement / Pavement Repair CAPM/Rehab	ENV	$165,515	2024/25
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	$9,877	2024/25
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	$95,658	2024/25



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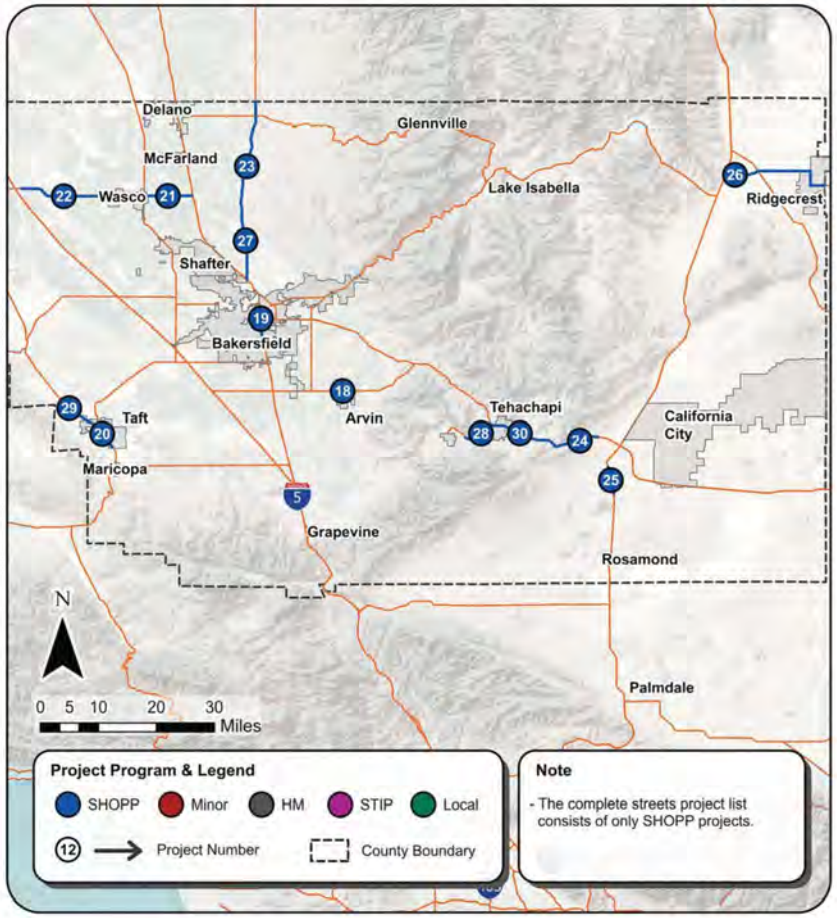
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE
COMPLETE STREETS PROJECT LIST - PART II

Kern Council of Governments

No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Construction Cost ($K)	Construction Year
COMPLETE STREETS PROJECT LIST								
18	0Y150	6	223	R20.1 / 21.3	Arvin CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	$5,029	2024/25
19	0X370	6	99	21.15 / 24.60	Bakersfield 99 Rehab II (South) / Roadway Rehabilitation (3R)	ENV	$68,290	2025/26
20	0W830	6	33	14.40 / 17.90	South Taft Rehab / Roadway Rehabilitation (3R)	ENV	$26,704	2025/26
21	1A760	6	46	50.80 / 57.78	East Wasco CAPM / Rehabilitate Pavement	ENV	$20,211	2025/26
22	1A680	6	46	33.50 / 46.00	Semitropic CAPM / Overlay RHMA, Upgrade Guardrail and Dikes	ENV	$20,994	2025/26
23	19565	6	65	6.90 / 25.16	CAPM	Future	$16,351	2026/27
24	38310	9	58	R99.8 / R107.7	Cache Creek Pavement / Restore Pavement and Drainage	ENV	$39,623	2026/27
25	37520	9	14	R12.6 / 16.7	Mojave Pavement / Rehab/CAPM Pavement and Upgrade ADA	ENV	$47,558	2026/27
26	38330	9	178	88.6 / 104.6	Ridgecrest/Inyokern Pavement / Restore Pavement, Fix Drainage and ADA	ENV	$72,355	2027/28
27	19581	6	65	R0.0 / 6.9	CAPM	Future	$13,058	2028/29
28	20430	9	202	R5.0 / 12.093	In Kern County in and near Tehachapi from the begining of the route to route 58	Future	$9,387	2028/29
29	19564	6	33	17.9 / 24.0	CAPM	Future	$7,991	2028/29
30	37510	9	58	R90.5 / R100.0	In Kern county at Tehachapi from Exit 148 to 0.04 miles south of Cache Creek Overflow #2 bridge.	Future	$41,208	2028/29



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Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops

Kern Council of Governments

March 1, 2023

TO: Regional Project Delivery Partners

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

Raquel Pacheco,
Regional Planner

SUBJECT: **SAVE THE DATE - 2024 RTIP KCOG WORKSHOPS**

Please make a note of the dates and time listed below for the Kern COG 2024 RTIP Workshops. Reminder e-mail messages, workshop flyers, and agenda packages will be sent out as each date approaches. Dates will be included in updated TTAC and Board agenda reports.

- Wednesday **April 26, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **June 21, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **August 23, 2023** – 10:00 AM to 11:00 AM – teleconference
- Wednesday **September 13, 2023** – 10:00 AM to 11:00 AM – teleconference (tentative)

Topics for presentations and discussions may include but are not limited to the following items:

April Workshop
- STIP 101, latest guidelines and KCOG policy
- Current funding needs of projects in the STIP and those that were delayed
- Status of partnership projects in Eastern Kern MOU with Inyo, Mono & Caltrans
- Discussion on need for future call for projects

June Workshop
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Options for administrative draft 2024 RTIP Capital Improvement Program

August Workshop
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

September Workshop (tentative)
- Review and discuss proposed administrative draft 2024 RTIP Capital Improvement Program

Kern Council of Governments
1401 19th Street, Suite 300, Bakersfield, California 93301 (661) 861-2191 Facsimile (661) 324-8215 TTY (661) 832-7433 www.kerncog.org

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non - 60/40	Metro	%	Non-Metro	%
1998 RTIP Augmentation	$6,177,000		$3,706,200	60%	$2,470,800	40%
Cecil Ave; Albany St-Browning Rd	$5,646,000				$531,000	
7th Standard; Rte 99-Santa Fe Exp.	$5,070,000				$576,000	
Wheeler Ridge Rd;Le Gray Rd-Rte 223	$3,970,000				$1,100,000	
Rte 14; old Rte 58-Phillips Rd	$3,550,000				$420,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$3,185,000				$365,000	
Rte 46; Wasco Rte 43 N.-Jumper Ave	$2,185,000				$1,000,000	
Rte 58; in Tehachapi at Dennison Rd	$1,685,000				$500,000	
Rte 119; in Taft, Cherry-Tupman	$868,000				$817,000	
Rte 184; Rte 223-Panama Lane	$254,000				$614,000	
Rte 395; Inyo Co.-Olancha/Cartago	$139,000				$115,000	
1998 Balance	$139,000*[b]		$0	0%	$6,038,000	98%
2000 RTIP Committed Programming*[c]	$7,426,000		$4,455,600	60%	$2,970,400	40%
Rte 14; old Rte 58-Phillips Rd	$2,000,000				$5,426,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$1,000,000				$1,000,000	
Rte 46; Keck's Road to I-5 *[a]	$0				$1,000,000	
2000 Balance			$0	0%	$7,426,000	100%
2002 RTIP Committed Programming*[c]	$37,008,000		$8,766,000	60%	$5,844,000	40%
STIP PPM	$36,510,000	$498,000				
Westside Parkway*[d]	$14,610,000	$21,900,000				
Rte 14; near Rte 178	$13,086,000				$1,524,000	
Rte 46; Keck's Road to I-5*[a]	$8,631,000				$4,455,000	
Rte 46; Rte43 N.-Jumper Ave	$8,221,000				$410,000	
Rte 58; in Tehachapi at Dennison Rd	$7,186,000				$1,035,000	
Rte 99; White Lane Soundwall	$6,436,000		$750,000			
Rte 119; in Taft, Cherry-Tupman	$5,436,000				$1,000,000	
Rte 184; Weedpatch Hwy	$4,096,000				$1,340,000	
Rte 395; China Lake Blvd to Rte178	$3,296,000				$800,000	
Rte 395; Mono Co.- Highpoint Curve	$3,165,000				$131,000	
Rte 395; I-15 to Rte 58	$1,165,000				$2,000,000	
West Ridgecrest Blvd	$165,000				$1,000,000	
7th Standard Road (East) - Wings Way	$0		$165,000			
2002 Balance			$915,000	6%	$13,695,000	94%
2004 RTIP Committed Programming*[c]	$72,132,000		$24,643,800	60%	$16,429,200	40%
STIP PPM	$71,773,000	$359,000				
Westside Parkway*[d]	$41,073,000	$30,700,000				
Rte 14; old Rte 58-Phillips Rd	$22,960,000				$18,113,000	
Rte 46; SLO Co. line-Keck's Corner *[a]	$22,160,000				$800,000	
Rte 46; Rte43 N.-Jumper Ave	$21,500,000				$660,000	
Rte 119; in Taft, Cherry-Tupman	$21,000,000				$500,000	
Rte 178; at Fairfax Rd	$6,000,000		$15,000,000			
7th Standard Road Interchange	$3,500,000		$2,500,000			
7th Standard Road (East) - Wings Way	$1,000,000		$2,500,000			
7th Standard Road (West) - Shafter	$0				$1,000,000	
2004 Balance			$20,000,000	49%	$21,073,000	51%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2006 RTIP - Respreading Budget*[c]	$13,014,000		$7,733,400	60%	$5,155,600	40%
STIP PPM	$12,889,000	$125,000				
Rte 58; in Tehachapi at Dennison Rd	$11,720,000				$1,169,000	
Rte 395; China Lake Blvd to Rte178	$11,280,000				$440,000	
Rte 395; Inyo Co.-Indep. Mitigation	$11,200,000				$80,000	
7th Standard Road (West) - Shafter	$0				$11,200,000	
2006 Balance			$0	0%	$12,889,000	100%
2006 RTIP Augmentation	$20,592,000		$1,843,200	60%	$1,228,800	40%
STIP PPM	$19,772,000	$820,000				
Westside Parkway*[d]	$3,072,000	$16,700,000				
Rte 46; Keck's Road to Rte 33*[a]	$2,622,000				$450,000	
Rte 395; Inyo Co.-Independence	$687,000				$1,935,000	
Rte 395; Inyo Co.-Olancha/Cartago	$0				$687,000	
2006 Augmentation Balance			$0	0%	$3,072,000	100%
2008 RTIP Committed Programming	$164,761,000		$61,756,800	60%	$41,171,200	40%
STIP PPM	$161,598,000	$3,163,000				
Westside Parkway*[d]	$28,398,000	$58,670,000	$74,530,000			
Rte 46; SLO Co. line-Keck's Corner *[a]	$27,098,000				$1,300,000	
Rte 46; Keck's Road to Rte 33*[a]	$0				$27,098,000	
2008 Balance			$74,530,000	72%	$28,398,000	28%
2010 RTIP Committed Programming	$54,477,000		$31,620,000	60%	$21,080,000	40%
STIP PPM	$52,700,000	$1,777,000				
Westside Parkway	$2,700,000		$50,000,000			
SR 99: South	$0		$2,700,000			
2010 Balance			$52,700,000	100%	$0	0%
2012 RTIP Committed Programming	$16,318,000		$9,232,800	60%	$6,155,200	40%
STIP PPM	$15,388,000	$930,000				
Rte 14; near Rte 178	$9,868,000				$5,520,000	
Rte 395; Inyo Co. Olancha/Cartago	$7,700,000				$2,168,000	
West Ridgecrest Blvd	$1,500,000				$6,200,000	
Challenger Drive Ext.	$0				$1,500,000	
2012 Balance			$0	0%	$15,388,000	100%
2014 RTIP Committed Programming	$5,803,000		$3,123,000	60%	$2,082,000	40%
STIP PPM	$5,205,000	$598,000				
Rte 119; Truck Climbing Lane	$0				$5,205,000	
2014 Balance			$0	0%	$5,205,000	100%
2016 RTIP Respreading Budget*[c]	$38,398,000		$22,560,600	60%	$15,040,400	40%
STIP PPM	$37,601,000	$797,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$33,501,000				$4,100,000	
Rte 58; Westside Parkway Connector	$500,000		$33,001,000			
Rte 395; Inyo Co. Olancha/Cartago Arch.	$0				$500,000	
2016 Balance			$33,001,000	87%	$4,600,000	12%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2018 RTIP Committed Programming	$38,820,000		$22,842,000	60%	$15,228,000	40%
STIP PPM	$38,070,000	$750,000				
Rte 14 Freeman Gulch-Segment 2	$36,110,000				$1,960,000	
Rte 46; Brown Mat.-e/o Lost Hills Rd; 4B*[a]	$33,710,000				$2,400,000	
Rte 58; WS Pkwy Conn Mainline Ph1	$3,500,000		$30,210,000			
Rte 132 Expressway, Phase 1	$0				$3,500,000	
2018 Balance			$30,210,000	79%	$7,860,000	21%
2020 RTIP Cycle Committed Programming	$19,095,000		$11,007,000	60%	$7,338,000	40%
STIP PPM	$18,345,000	$750,000				
Rte 46; CA Aque. Br-e/o Lost Hills Rd; 4B*[a]	$14,745,000				$3,600,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$9,295,000				$5,450,000	
Rte 395; Inyo Co. Olancha/Cartago	$0				$9,295,000	
2020 Balance			$0	0%	$18,345,000	100%
2022 RTIP Cycle	$38,053,000		$22,057,200	60%	$14,704,800	40%
STIP PPM	$36,762,000	$1,291,000				
Rte 46; Lost Hill Rd to E of I-5; 4A*[a]	$32,638,000				$4,124,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	$24,093,000				$8,545,000	
Rte 58/99 Centennial Loop Connector	$0		$24,093,000			
2022 Balance			$24,093,000	66%	$12,669,000	34%
End Balance*[e]			$235,449,000	60%	$156,658,000	40%
			$235,264,200	60%	$156,842,800	40%
			$184,800		-$184,800	

Notes:

*[a] As per $45 million total commitment.

*[b] Carryover included in the next RTIP fund estimate because no project was ready to utilize for any phase of development.

*[c] The 2006 RTIP and 2016 RTIP do not offer any new programming dollars instead existing unallocated programming from previous RTIP cycles has been respread.

*[d] $145 million of 1998 RTIP funds were dedicated to the former Kern River Freeway in the Metro area at the beginning of SB45 and before the 60/40 policy adoption. The "End Balance" is calculated without the $145 million.

*[e] "End Balance" analysis consists of the sum of committed programming. Kern COG staff was careful not to double count any commitments. Please bring any corrections to the attention of Kern COG staff.

2024 STIP FUND ESTIMATE

Table 1 - Reconciliation to County and Interregional Shares

($ in millions)

	Public Transportation Account						5-Year	6-Year
Public Transportation Account (PTA)	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**Total**	**Total**
2024 FE PTA Target Capacity	$120	$105	$60	$60	$50	$40	$315	$435
Total 2024 STIP FE PTA Capacity	**$120**	**$105**	**$60**	**$60**	**$50**	**$40**	**$315**	**$435**
2022 STIP Program[1]	**$229**	**$99**	**$62**	**$22**	**$0**	**$0**	**$183**	**$412**
Extensions	$50	$59	$0	$0	$0	$0	$59	$109
Advances	($1)	$0	$0	$0	$0	$0	$0	($1)
Net PTA STIP Program	**$278**	**$157**	**$62**	**$22**	**$0**	**$0**	**$242**	**$520**
PTA Capacity for County Shares	**($158)**	**($52)**	**($2)**	**$38**	**$50**	**$40**	**$73**	**($85)**
Cumulative	**($158)**	**($211)**	**($213)**	**($175)**	**($125)**	**($85)**	**-**	**-**

	State Highway Account						5-Year	6-Year
State Highway Account (SHA)	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**Total**	**Total**
2024 FE SHA Target Capacity	$475	$525	$525	$500	$500	$500	$2,550	$3,025
Total 2024 STIP FE SHA Capacity	**$475**	**$525**	**$525**	**$500**	**$500**	**$500**	**$2,550**	**$3,025**
2022 STIP Program [1]	**$215**	**$363**	**$292**	**$243**	**$0**	**$0**	**$898**	**$1,113**
Extensions	$151	$12	$0	$0	$0	$0	$12	$163
Advances	($5)	$0	($4)	$0	$0	$0	($4)	($9)
Net SHA STIP Program	**$360**	**$375**	**$288**	**$243**	**$0**	**$0**	**$906**	**$1,266**
SHA Capacity for County Shares	**$115**	**$150**	**$237**	**$257**	**$500**	**$500**	**$1,644**	**$1,759**
Cumulative	**$115**	**$264**	**$502**	**$759**	**$1,259**	**$1,759**	**-**	**-**

Total Capacity	**($44)**	**$97**	**$235**	**$295**	**$550**	**$540**	**$1,718**	**$1,674**

Notes:

Numbers may not add due to rounding.

[1]Draft 2023 Orange Book as of July 17, 2023

2024 STIP FUND ESTIMATE
Table 2 - Summary of Targets and Shares
($ in thousands)

County	2024 STIP Programming		
	Base (Minimum)	Total Target	Maximum
	Share through 2027-28	Share through 2028-29	Estimated Share through 2031-32
Alameda	49,377	64,236	199,103
Alpine	847	1,273	5,141
Amador	3,667	4,632	13,392
Butte	5,754	8,433	32,740
Calaveras	0	1,117	11,356
Colusa	1,796	2,553	9,425
Contra Costa	32,993	43,154	135,375
Del Norte	0	0	2,710
El Dorado LTC	9,159	11,135	29,073
Fresno	32,534	43,433	142,349
Glenn	500	1,292	8,484
Humboldt	6,478	9,297	34,882
Imperial	19,483	24,630	71,350
Inyo	0	2,742	39,428
Kern	31,505	46,349	181,082
Kings	0	371	18,899
Lake	4,503	5,746	17,030
Lassen	6,267	8,062	24,355
Los Angeles	131,421	216,817	991,876
Madera	296	2,239	19,868
Marin	0	0	13,092
Mariposa	1,458	2,188	8,814
Mendocino	9,038	11,731	36,177
Merced	12,981	16,586	49,306
Modoc	2,810	3,775	12,536
Mono	6,076	9,097	36,516
Monterey	10,448	15,515	61,507
Napa	0	0	12,953
Nevada	3,877	5,431	19,539
Orange	44,562	71,965	320,675
Placer TPA	0	0	32,863
Plumas	2,550	3,630	13,434
Riverside	35,374	59,788	281,373
Sacramento	52,513	66,606	194,511
San Benito	0	0	0
San Bernardino	77,490	105,358	358,293
San Diego	42,715	74,241	360,379
San Francisco	30,212	37,590	104,551
San Joaquin	36,881	44,617	114,833
San Luis Obispo	12,217	17,613	66,589
San Mateo	31,644	39,000	105,761
Santa Barbara	14,006	20,122	75,634
Santa Clara	4,761	21,943	177,888
Santa Cruz	5,755	8,602	34,442
Shasta	4,227	7,323	35,421
Sierra	1,106	1,640	6,481
Siskiyou	4,630	6,802	26,515
Solano	0	0	32,218
Sonoma	12,281	17,499	64,862
Stanislaus	11,026	16,482	65,994
Sutter	1,969	3,205	14,421
Tahoe RPA	598	1,209	6,752
Tehama	13,603	15,180	29,495
Trinity	4,300	5,442	15,814
Tulare	14,199	21,032	83,057
Tuolumne	4,245	5,494	16,824
Ventura	98,960	107,857	188,608
Yolo	10,619	13,251	37,136
Yuba	5,614	6,609	15,644
Statewide Regional	961,325	1,361,934	5,118,826
Interregional	172,685	312,076	1,577,214
TOTAL	**1,134,010**	**1,674,010**	**6,696,040**

	New Capacity
Statewide SHA Capacity	**1,758,767**
Statewide PTA Capacity	**(84,757)**
Total STIP Capacity	**1,674,010**

2024 STIP FUND ESTIMATE

Table 3 - Calculation of New Programming Targets and Shares - Base (Minimum)

($ in thousands)

County	Net Carryover		2024 STIP Share through 2027-28		
	Unprogrammed Balance	Balance Advanced	Formula Distribution	**Net Share (Base)**	Net Advance
Alameda	6,217	0	30,035	**49,377**	0
Alpine	0	14	861	**847**	0
Amador	1,678	0	1,951	**3,667**	0
Butte	341	0	5,413	**5,754**	0
Calaveras	0	2,292	2,280	**0**	(12)
Colusa	166	0	1,530	**1,796**	0
Contra Costa	12,455	0	20,538	**32,993**	0
Del Norte	0	5,670	1,400	**0**	(4,270)
El Dorado LTC	5,164	0	3,995	**9,159**	0
Fresno	10,506	0	22,028	**32,534**	0
Glenn	0	1,102	1,602	**500**	0
Humboldt	775	0	5,698	**6,478**	0
Imperial	9,078	0	10,405	**19,483**	0
Inyo	0	9,470	8,170	**0**	(1,300)
Kern	1,500	0	30,005	**31,505**	0
Kings	0	5,797	4,126	**0**	(1,671)
Lake	1,919	0	2,513	**4,503**	0
Lassen	2,564	0	3,628	**6,267**	0
Los Angeles	0	59,353	172,604	**131,421**	0
Madera	0	3,630	3,926	**296**	0
Marin	0	18,482	5,275	**0**	(13,207)
Mariposa	0	18	1,476	**1,458**	0
Mendocino	3,479	0	5,444	**9,038**	0
Merced	5,694	0	7,287	**12,981**	0
Modoc	859	0	1,951	**2,810**	0
Mono	0	30	6,106	**6,076**	0
Monterey	206	0	10,242	**10,448**	0
Napa	0	7,577	3,430	**0**	(4,147)
Nevada	735	0	3,142	**3,877**	0
Orange	0	10,825	55,387	**44,562**	0
Placer TPA	0	16,056	8,174	**0**	(7,882)
Plumas	367	0	2,183	**2,550**	0
Riverside	0	13,972	49,346	**35,374**	0
Sacramento	24,029	0	28,484	**52,513**	0
San Benito	0	14,123	2,012	**0**	(12,111)
San Bernardino	0	18,583	56,328	**77,490**	0
San Diego	0	21,008	63,723	**42,715**	0
San Francisco	1,548	0	14,912	**30,212**	0
San Joaquin	0	4,756	15,637	**36,881**	0
San Luis Obispo	0	1,490	10,907	**12,217**	0
San Mateo	16,776	0	14,868	**31,644**	0
Santa Barbara	1,643	0	12,363	**14,006**	0
Santa Clara	0	29,968	34,729	**4,761**	0
Santa Cruz	0	0	5,755	**5,755**	0
Shasta	0	2,524	6,257	**4,227**	0
Sierra	28	0	1,078	**1,106**	0
Siskiyou	240	0	4,390	**4,630**	0
Solano	0	22,751	9,184	**0**	(13,567)
Sonoma	1,733	0	10,548	**12,281**	0
Stanislaus	0	0	11,026	**11,026**	0
Sutter	0	529	2,498	**1,969**	0
Tahoe RPA	0	636	1,234	**598**	0
Tehama	10,279	0	3,188	**13,603**	0
Trinity	1,990	0	2,310	**4,300**	0
Tulare	386	0	13,813	**14,199**	0
Tuolumne	1,722	0	2,523	**4,245**	0
Ventura	80,977	0	17,983	**98,960**	0
Yolo	0	2,400	5,319	**10,619**	0
Yuba	3,602	0	2,012	**5,614**	0
	0	0	0	**0**	0
Statewide Regional	208,656	273,056	845,232	**961,325**	(58,166)
	0	0	0	**0**	0
Interregional	0	118,059	281,744	**172,685**	0
	0	0	0	**0**	0
TOTAL	208,656	391,115	1,126,976	**1,134,010**	(58,166)

Statewide SHA Capacity	**1,258,767**
Statewide PTA Capacity	**(124,757)**
Total	**1,134,010**

2024 STIP FUND ESTIMATE

Table 4 - Calculation of New Programming Targets and Shares - Total Target

($ in thousands)

County	Net Carryover		2024 STIP Share through 2028-29			
	Unprogrammed Balance	Balance Advanced	Formula Distribution	Add Back Lapses 2021-22 & 2022-23	**Net Share (Total Target)**	Net Advance
Alameda	6,217	0	44,894	13,125	**64,236**	0
Alpine	0	(14)	1,287	0	**1,273**	0
Amador	1,678	0	2,916	38	**4,632**	0
Butte	341	0	8,092	0	**8,433**	0
Calaveras	0	(2,292)	3,409	0	**1,117**	0
Colusa	166	0	2,287	100	**2,553**	0
Contra Costa	12,455	0	30,699	0	**43,154**	0
Del Norte	0	(5,670)	2,093	0	**0**	(3,577)
El Dorado LTC	5,164	0	5,971	0	**11,135**	0
Fresno	10,506	0	32,927	0	**43,433**	0
Glenn	0	(1,102)	2,394	0	**1,292**	0
Humboldt	775	0	8,517	5	**9,297**	0
Imperial	9,078	0	15,552	0	**24,630**	0
Inyo	0	(9,470)	12,212	0	**2,742**	0
Kern	1,500	0	44,849	0	**46,349**	0
Kings	0	(5,797)	6,168	0	**371**	0
Lake	1,919	0	3,756	71	**5,746**	0
Lassen	2,564	0	5,423	75	**8,062**	0
Los Angeles	0	(59,353)	258,000	18,170	**216,817**	0
Madera	0	(3,630)	5,869	0	**2,239**	0
Marin	0	(18,482)	7,885	0	**0**	(10,597)
Mariposa	0	(18)	2,206	0	**2,188**	0
Mendocino	3,479	0	8,137	115	**11,731**	0
Merced	5,694	0	10,892	0	**16,586**	0
Modoc	859	0	2,916	0	**3,775**	0
Mono	0	(30)	9,127	0	**9,097**	0
Monterey	206	0	15,309	0	**15,515**	0
Napa	0	(7,577)	5,127	0	**0**	(2,450)
Nevada	735	0	4,696	0	**5,431**	0
Orange	0	(10,825)	82,790	0	**71,965**	0
Placer TPA	0	(16,056)	12,217	0	**0**	(3,839)
Plumas	367	0	3,263	0	**3,630**	0
Riverside	0	(13,972)	73,760	0	**59,788**	0
Sacramento	24,029	0	42,577	0	**66,606**	0
San Benito	0	(14,123)	3,008	0	**0**	(11,115)
San Bernardino	0	(18,583)	84,196	39,745	**105,358**	0
San Diego	0	(21,008)	95,249	0	**74,241**	0
San Francisco	1,548	0	22,290	13,752	**37,590**	0
San Joaquin	0	(4,756)	23,373	26,000	**44,617**	0
San Luis Obispo	0	(1,490)	16,303	2,800	**17,613**	0
San Mateo	16,776	0	22,224	0	**39,000**	0
Santa Barbara	1,643	0	18,479	0	**20,122**	0
Santa Clara	0	(29,968)	51,911	0	**21,943**	0
Santa Cruz	0	0	8,602	0	**8,602**	0
Shasta	0	(2,524)	9,353	494	**7,323**	0
Sierra	28	0	1,612	0	**1,640**	0
Siskiyou	240	0	6,562	0	**6,802**	0
Solano	0	(22,751)	13,728	0	**0**	(9,023)
Sonoma	1,733	0	15,766	0	**17,499**	0
Stanislaus	0	0	16,482	0	**16,482**	0
Sutter	0	(529)	3,734	0	**3,205**	0
Tahoe RPA	0	(636)	1,845	0	**1,209**	0
Tehama	10,279	0	4,765	136	**15,180**	0
Trinity	1,990	0	3,452	0	**5,442**	0
Tulare	386	0	20,646	0	**21,032**	0
Tuolumne	1,722	0	3,772	0	**5,494**	0
Ventura	80,977	0	26,880	0	**107,857**	0
Yolo	0	(2,400)	7,951	7,700	**13,251**	0
Yuba	3,602	0	3,007	0	**6,609**	0
Statewide Regional	208,656	(273,056)	1,263,407	122,326	**1,361,934**	(40,601)
Interregional	0	(118,059)	421,135	9,000	**312,076**	0
TOTAL	208,656	(391,115)	1,684,542	131,326	**1,674,010**	(40,601)

Statewide SHA Capacity	**1,758,767**
Statewide PTA Capacity	**(84,757)**
Total	**1,674,010**

2024 STIP FUND ESTIMATE
Table 5 - Calculation of Targets and Shares - Maximum
($ in thousands)

County	Net Carryover		2024 STIP Estimated Share through 2031-32			
	Unprogrammed Balance	Balance Advanced	Formula Distribution	Add Back Lapses 2021-22 & 2022-23	**Net Share (Maximum)**	Net Advance
Alameda	6,217	0	179,761	13,125	**199,103**	0
Alpine	0	(14)	5,155	0	**5,141**	0
Amador	1,678	0	11,676	38	**13,392**	0
Butte	341	0	32,399	0	**32,740**	0
Calaveras	0	(2,292)	13,648	0	**11,356**	0
Colusa	166	0	9,159	100	**9,425**	0
Contra Costa	12,455	0	122,920	0	**135,375**	0
Del Norte	0	(5,670)	8,380	0	**2,710**	0
El Dorado LTC	5,164	0	23,909	0	**29,073**	0
Fresno	10,506	0	131,843	0	**142,349**	0
Glenn	0	(1,102)	9,586	0	**8,484**	0
Humboldt	775	0	34,102	5	**34,882**	0
Imperial	9,078	0	62,272	0	**71,350**	0
Inyo	0	(9,470)	48,898	0	**39,428**	0
Kern	1,500	0	179,582	0	**181,082**	0
Kings	0	(5,797)	24,696	0	**18,899**	0
Lake	1,919	0	15,040	71	**17,030**	0
Lassen	2,564	0	21,716	75	**24,355**	0
Los Angeles	0	(59,353)	1,033,059	18,170	**991,876**	0
Madera	0	(3,630)	23,498	0	**19,868**	0
Marin	0	(18,482)	31,574	0	**13,092**	0
Mariposa	0	(18)	8,832	0	**8,814**	0
Mendocino	3,479	0	32,583	115	**36,177**	0
Merced	5,694	0	43,612	0	**49,306**	0
Modoc	859	0	11,677	0	**12,536**	0
Mono	0	(30)	36,546	0	**36,516**	0
Monterey	206	0	61,301	0	**61,507**	0
Napa	0	(7,577)	20,530	0	**12,953**	0
Nevada	735	0	18,804	0	**19,539**	0
Orange	0	(10,825)	331,500	0	**320,675**	0
Placer TPA	0	(16,056)	48,919	0	**32,863**	0
Plumas	367	0	13,067	0	**13,434**	0
Riverside	0	(13,972)	295,345	0	**281,373**	0
Sacramento	24,029	0	170,482	0	**194,511**	0
San Benito	0	(14,123)	12,042	0	**0**	(2,081)
San Bernardino	0	(18,583)	337,131	39,745	**358,293**	0
San Diego	0	(21,008)	381,387	0	**360,379**	0
San Francisco	1,548	0	89,251	13,752	**104,551**	0
San Joaquin	0	(4,756)	93,589	26,000	**114,833**	0
San Luis Obispo	0	(1,490)	65,279	2,800	**66,589**	0
San Mateo	16,776	0	88,985	0	**105,761**	0
Santa Barbara	1,643	0	73,991	0	**75,634**	0
Santa Clara	0	(29,968)	207,856	0	**177,888**	0
Santa Cruz	0	0	34,442	0	**34,442**	0
Shasta	0	(2,524)	37,451	494	**35,421**	0
Sierra	28	0	6,453	0	**6,481**	0
Siskiyou	240	0	26,275	0	**26,515**	0
Solano	0	(22,751)	54,969	0	**32,218**	0
Sonoma	1,733	0	63,129	0	**64,862**	0
Stanislaus	0	0	65,994	0	**65,994**	0
Sutter	0	(529)	14,950	0	**14,421**	0
Tahoe RPA	0	(636)	7,388	0	**6,752**	0
Tehama	10,279	0	19,080	136	**29,495**	0
Trinity	1,990	0	13,824	0	**15,814**	0
Tulare	386	0	82,671	0	**83,057**	0
Tuolumne	1,722	0	15,102	0	**16,824**	0
Ventura	80,977	0	107,631	0	**188,608**	0
Yolo	0	(2,400)	31,836	7,700	**37,136**	0
Yuba	3,602	0	12,042	0	**15,644**	0
Statewide Regional	208,656	(273,056)	5,058,819	122,326	**5,118,826**	(2,081)
Interregional	0	(118,059)	1,686,273	9,000	**1,577,214**	0
TOTAL	208,656	(391,115)	6,745,092	131,326	**6,696,040**	(2,081)

Statewide SHA Capacity	**7,035,068**
Statewide PTA Capacity	**(339,028)**
Total	**6,696,040**

2024 STIP FUND ESTIMATE
Table 6 - Planning, Programming, and Monitoring (PPM) Limitations
($ in thousands)

	Base				Target	5% PPM Limitation	
County	2020 STIP FY 2024-25	2022 STIP FY 2024-25 - 2026-27	2024 STIP FY 2024-25 - 2027-28	Total FY 2024-25 - 2027-28	2024 STIP FY 2028-29	FY 2024-25 - 2027-28[1]	FY 2028-29
Alameda	11,315	22,035	30,035	63,385	14,859	**3,169**	**743**
Alpine	337	659	861	1,857	426	**93**	**21**
Amador	765	1,495	1,951	4,211	965	**211**	**48**
Butte	2,264	4,403	5,413	12,080	2,679	**604**	**134**
Calaveras	915	1,787	2,280	4,982	1,129	**249**	**56**
Colusa	606	1,183	1,530	3,319	757	**166**	**38**
Contra Costa	7,747	15,118	20,538	43,403	10,161	**2,170**	**508**
Del Norte	565	1,099	1,400	3,064	693	**153**	**35**
El Dorado LTC	1,568	3,062	3,995	8,625	1,976	**431**	**99**
Fresno	8,540	16,670	22,028	47,238	10,899	**2,362**	**545**
Glenn	635	1,239	1,602	3,476	792	**174**	**40**
Humboldt	2,280	4,443	5,698	12,421	2,819	**621**	**141**
Imperial	4,036	7,879	10,405	22,320	5,147	**1,116**	**257**
Inyo	3,152	6,153	8,170	17,475	4,042	**874**	**202**
Kern	11,506	22,452	30,005	63,963	14,844	**3,198**	**742**
Kings	1,687	3,296	4,126	9,109	2,042	**455**	**102**
Lake	990	1,934	2,513	5,437	1,243	**272**	**62**
Lassen	1,449	2,832	3,628	7,909	1,795	**395**	**90**
Los Angeles	68,508	133,672	172,604	374,784	85,396	**18,739**	**4,270**
Madera	1,570	3,067	3,926	8,563	1,943	**428**	**97**
Marin	2,119	4,131	5,275	11,525	2,610	**576**	**131**
Mariposa	593	1,158	1,476	3,227	730	**161**	**37**
Mendocino	2,150	4,191	5,444	11,785	2,693	**589**	**135**
Merced	2,802	5,472	7,287	15,561	3,605	**778**	**180**
Modoc	774	1,512	1,951	4,237	965	**212**	**48**
Mono	2,342	4,571	6,106	13,019	3,021	**651**	**151**
Monterey	4,032	7,873	10,242	22,147	5,067	**1,107**	**253**
Napa	1,395	2,724	3,430	7,549	1,697	**377**	**85**
Nevada	1,199	2,343	3,142	6,684	1,554	**334**	**78**
Orange	21,115	41,195	55,387	117,697	27,403	**5,885**	**1,370**
Placer TPA	2,928	5,706	8,174	16,808	4,043	**840**	**202**
Plumas	865	1,685	2,183	4,733	1,080	**237**	**54**
Riverside	18,432	35,968	49,346	103,746	24,414	**5,187**	**1,221**
Sacramento	10,720	20,919	28,484	60,123	14,093	**3,006**	**705**
San Benito	743	1,451	2,012	4,206	996	**210**	**50**
San Bernardino	21,436	41,832	56,328	119,596	27,868	**5,980**	**1,393**
San Diego	24,241	47,293	63,723	135,257	31,526	**6,763**	**1,576**
San Francisco	5,747	11,202	14,912	31,861	7,378	**1,593**	**369**
San Joaquin	5,820	11,361	15,637	32,818	7,736	**1,641**	**387**
San Luis Obispo	4,274	8,341	10,907	23,522	5,396	**1,176**	**270**
San Mateo	5,848	11,415	14,868	32,131	7,356	**1,607**	**368**
Santa Barbara	4,804	9,374	12,363	26,541	6,116	**1,327**	**306**
Santa Clara	13,406	26,162	34,729	74,297	17,182	**3,715**	**859**
Santa Cruz	2,317	4,522	5,755	12,594	2,847	**630**	**142**
Shasta	2,476	4,822	6,257	13,555	3,096	**678**	**155**
Sierra	411	803	1,078	2,292	534	**115**	**27**
Siskiyou	1,702	3,327	4,390	9,419	2,172	**471**	**109**
Solano	3,511	6,854	9,184	19,549	4,544	**977**	**227**
Sonoma	4,314	8,423	10,548	23,285	5,218	**1,164**	**261**
Stanislaus	4,302	8,394	11,026	23,722	5,456	**1,186**	**273**
Sutter	989	1,931	2,498	5,418	1,236	**271**	**62**
Tahoe RPA	490	956	1,234	2,680	611	**134**	**31**
Tehama	1,261	2,464	3,188	6,913	1,577	**346**	**79**
Trinity	895	1,749	2,310	4,954	1,142	**248**	**57**
Tulare	5,331	10,384	13,813	29,528	6,833	**1,476**	**342**
Tuolumne	987	1,929	2,523	5,439	1,249	**272**	**62**
Ventura	7,114	13,882	17,983	38,979	8,897	**1,949**	**445**
Yolo	2,073	4,047	5,319	11,439	2,632	**572**	**132**
Yuba	759	1,482	2,012	4,253	995	**213**	**50**
							0
Statewide	327,152	638,326	845,232	1,810,710	418,175	**90,536**	**20,909**

[1]Includes PPM shares distributed in the Adopted 2022 STIP

KERN COUNCIL OF GOVERNMENTS - 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - DRAFT CAPITAL IMPROVEMENT PROGRAM ($ X 1,000)

PROJECT DESCRIPTION	NOTES	PRIORITY	CURRENT AND PROPOSED PHASES				PROJECT TOTAL	KCOG ALL RIP TOTAL	SUMMARY OF ALL FUNDING SOURCES				KCOG RTIP CAPITAL IMPROVEMENT PROGRAM - RIP ONLY						
			ENV	DES	ROW	CON			IIP	KCOG SHARE RIP	OTHER	TOTAL	PRIOR YEAR	2022 STIP CARRYOVER			NEW 2024 RTIP			2024 RTIP
														2024-25	2025-26	2026-27	2027-28	2028-29	MAX SHARE	APDE
PLANNING, PROGRAMMING & MONITORING							$ 2,591	$ 2,591	$ -	$ 2,591	$ -	$ 2,591		$ 591	$ 500	$ 500	$ 500	$ 500		$ -
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - PROPOSED CAPITAL IMPROVEMENT PROGRAM																				
SR 58/99 – CENTENNIAL CORRIDOR CONNECTOR - EB SR 58 to NB SR 99	***1***	1				●	$ 26,093	$ 24,093	$ -	$ 24,093	$ 2,000	$ 26,093	$ -	$ -	$ 24,093	$ -	$ -	$ -	$ -	$ -
SR 58/99 – CENTENNIAL CORRIDOR PHASE 2 CONNECTOR - SB SR 99 to WB SR 58	***2***	1		●	●	●	$ 81,800	$ 25,000	$ -	$ 25,000	$ 56,800	$ 81,800	$ -	$ -	$ -	$ 25,000	$ -	$ -	$ -	$ -
SR 58 CENTENNIAL CORRIDOR MAINLINE **AB 3090 ALLOCATIONS**	***3***	1	●	●	●	●	$ 63,211	$ 63,211	$ -	$ 63,211	$ -	$ 63,211	$ 63,211	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4B	***4***	2	●	●	●	●	$ 40,503	$ 6,000	$ -	$ 6,000	$ 34,503	$ 40,503	$ 6,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4C	***5***	2	●	●	●	●	$ 38,050	$ 13,995	$ -	$ 13,995	$ 24,055	$ 38,050	$ 13,995	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 ANTELOPE GRADE TRUCK CLIMBING LANE EXTENSION	***6***	2				●	$ 2,451	$ 1,456	$ -	$ 1,456	$ 995	$ 2,451	$ 1,456	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 204 / HAGEMAN FLYOVER	***7***	B	●	●	●	●	$ 84,002	$ 2,686	$ -	$ 2,686	$ 81,316	$ 84,002	$ 2,686	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 58 TRUCK CLIMBING LANES	***8***	B	●				$ 3,200	$ 2,272	$ -	$ 2,272	$ 928	$ 3,200	$ 2,272	$ -	$ -	$ -	$ -	$ -	$ -	$ -
LONE PINE TOWN REHABILITATION	***9***	B				●	$ 3,701	$ 3,400	$ -	$ 3,400	$ 301	$ 3,701	$ -	$ -	$ 3,400	$ -	$ -	$ -	$ -	$ -
APDE PROJECTS (ADVANCE PROJECT DEVELOPMENT ELEMENT)																				
NO APDE PROJECTS IDENTIFIED	**10**						$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL FOR 2024 RTIP SUBMITTAL							**$ 345,602**	**$ 144,704**	**$ -**	**$ 144,704**	**$ 200,898**	**$ 345,602**	**$ 89,620**	**$ 591**	**$ 27,993**	**$ 25,500**	**$ 500**	**$ 500**	**$ -**	**$ -**

REGIONAL EQUITY ANALYSIS

METRO VS COUNTYWIDE		CURRENT CUMMULATIVE		PROPOSED 2024 STIP		2024 CUMMULATIVE	
METROPOLITAN BAKERSFIELD		$235,449	60%	$0	0%	**$ 235,449**	56%
COUNTYWIDE NON-METRO		$156,658	40%	$29,400	100%	**$ 186,058**	44%
TOTALS		$392,107	100%	$29,400	100%	$ 421,507	100%

SHARE ESTIMATES	TOTAL	60%	40%
MINIMUM SHARE	$31,505	$18,903	$12,602
MAXIMUM SHARE	$46,349	$27,809	$18,540
APDE	$0		

NOTE 1: SR 58/99 CENTENNIAL CORRIDOR LOOP WAS ADDED AS PART OF 2022 STIP AMENDMENT.

NOTE 2: CALTRANS IS REQUESTING $7.520 MILLION RIP FOR SR 58/99 CENTENNIAL CORRIDOR PHASE 2 CONNECTOR - SB SR 99 TO WB SR 58 DESIGN AND RIGHT OF WAY ($4.020 MILLION REQUIRED TCEP MATCH). $25 MILLION RIP (FINANACIAL CONTRIBUTION ONLY) ABOVE FOR CONSTRUCTION ($25 MILLION INFRA APPLICATION SUBMITTED AND TO SUBMIT $14.9 MILLION TCEP APPLICATION)(TOTAL CONSTRUCTION $64.9 MILLION).

NOTE 3: THE AB 3090 ALLOCATION PAYMENTS WERE APPROVED BY THE CTC ON OCTOBER 17, 2019. ALL ALLOCATIONS HAVE BEEN RECEIVED. THIS PROJECT IS UNDER CONSTRUCTION.

NOTE 4: SR 46 WIDENING SEGMENT 4B IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 5: SR 46 WIDENING SEGMENT 4C IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 6: SR 46 ANTELOPE GRADE TRUCK CLIMBING LANE EXTENSION WAS ADDED WITH 2022 STIP AMENDMENT AND INCLUDES BOTH STIP ($1.456 MILLION) AND NON-STIP ($595,000) COVID FUNDING. TOTAL COVID $2.051 MILLION.

NOTE 7: SR 204 / HAGEMAN FLYOVER WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.686 MILLION) AND NON-STIP ($2.565 MILLION) COVID FUNDING. TOTAL COVID $5.251 MILLION.

NOTE 8: SR 58 TRUCK CLIMBING LANES WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.272 MILLION) AND NON-STIP ($928,000) COVID FUNDING. TOTAL COVID $3.2 MILLION. FUTURE PHASES TO BE FUNDED WITH SHOPP AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 9: INYO COUNTY IS REQUESTING $3.400 MILLION RIP (FINANCIAL CONTRIBUTION ONLY) FOR LONE PINE TOWN REHABILITATION IN FY 25/26.

NOTE 10: APDE OPTIONS ARE OUTLINED IN STIP GUIDELINES AND DEPENDENT ON OUTER YEAR CAPACITY. PROPOSED APDE ACTIVITY IS CONSIDERED AN ADVANCE OF FUTURE RIP SHARES. THERE IS NO APDE ESTIMATE.

Attachment G: Summary of Memorandum of Understanding Projects

2022 STIP		FY	IIP	Inyo	Kern	Mono	Total	Status
Kern	North Mojave 4-Lane	Actual Exp.	$ 27,402	$ 6,850	$ 27,403	$ 6,851	$ 68,506	Constructed
		Formula	$ 27,402	$ 6,851	$ 27,402	$ 6,851	$ 68,506	
Inyo	Olancha Cartago	Actual Exp.	$ 67,607	$ 41,487	$ 13,793	$ 15,043	$ 137,930	In progress
	Environmental	07/08	$ 3,748	$ 3,748	$ 937	$ 937	$ 9,370	Completed
	Design	12/13	$ 2,924	$ 2,924	$ 731	$ 731	$ 7,310	Completed
	ROW	14/15	$ 11,320	$ 11,320	$ 2,830	$ 2,830	$ 28,300	In progress
	Construction	21/22	$ 49,615	$ 23,495	$ 9,295	$ 10,545	$ 92,950	In progress
		Formula	$ 55,172	$ 55,172	$ 13,793	$ 13,793	$ 137,930	
Inyo	Olancha Cartago Arch	Actual Exp.	$ 2,000	$ 2,000	$ 500	$ 500	$ 5,000	In progress
		18/19	$ 2,000	$ 2,000	$ 500	$ 500	$ 5,000	
		Formula	$ 2,000	$ 2,000	$ 500	$ 500	$ 5,000	
Mono	High Point	Actual Exp.	$ 597	$ 150	$ 150	$ 597	$ 1,494	Constructed
	Environmental	02/03	$ 541	$ 135	$ 135	$ 541	$ 1,352	
	Design	07/08	$ 56	$ 15	$ 15	$ 56	$ 142	
		Formula	$ 598	$ 149	$ 149	$ 598	$ 1,494	
Kern	Inyokern	Actual Exp.	$ 1,240	$ 310	$ 1,240	$ 310	$ 3,100	Shelved
	Environmental	02/03	$ 1,240	$ 310	$ 1,240	$ 310	$ 3,100	
		Formula	$ 1,240	$ 310	$ 1,240	$ 310	$ 3,100	
Kern	Freeman Gulch Enviro	Actual Exp.	$ 779	$ 195	$ 779	$ 195	$ 1,948	Completed
	Environmental	02/03	$ 779	$ 195	$ 779	$ 195	$ 1,948	
		Formula	$ 779	$ 195	$ 779	$ 195	$ 1,948	
Kern	Freeman Gulch Seg. 1	Actual Exp.	$ 5,520	$ 24,866	$ 5,520	$ 8,982	$ 44,888	Completed
	Design	12/13	$ 1,000	$ 250	$ 1,000	$ 250	$ 2,500	Completed
	ROW	14/15	$ 4,520	$ 1,130	$ 4,520	$ 1,130	$ 11,300	Completed
	Construction	16/17	$ -	$ 23,486	$ -	$ 7,602	$ 31,088	Completed
		Formula	$ 17,955	$ 4,489	$ 17,955	$ 4,489	$ 44,888	
Kern	Freeman Gulch Seg. 2	Actual Exp.	$ 1,481	$ -	$ 1,960	$ 260	$ 3,701	30% Design
	Design	18/19	$ 1,481	$ -	$ 1,960	$ 260	$ 3,701	In Progress
	ROW	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
	Construction	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
		Formula	$ 1,480	$ 370	$ 1,480	$ 370	$ 3,701	
Kern	Freeman Gulch Seg. 3	Actual Exp.	$ -	$ -	$ -	$ -	$ -	Not Started
	Design	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
	ROW	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
	Construction	Future	$ -	$ -	$ -	$ -	$ -	Not programmed
Total Expended		Actual Exp.	$ 106,626	$ 75,858	$ 51,345	$ 32,738	$ 266,567	
		Formula	$ 106,627	$ 69,536	$ 63,300	$ 27,105	$ 266,567	
		Difference	$ (1)	$ 6,322	$ (11,955)	$ 5,633		

Kern Council of Governments

XII.
TTAC

October 4, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XII.
FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP)
AMENDMENT – TIMELINE

DESCRIPTION:

Upcoming amendment schedule for next 2023 FTIP Amendment.

DISCUSSION:

Amendments to the Federal Transportation Improvement Program (FTIP) are a normal part of the management and use of the FTIP. The upcoming amendment will include revisions to the Non-Motorized Program. The next amendment schedule is provided below for your reference.

2023 FTIP AMENDMENT	
Public review period begins	Friday, October 6, 2023
TPPC meeting – public hearing	Thursday, October 19, 2023
Public review period ends	Friday, October 20, 2023
Regional approval	Monday, October 23, 2023
State approval	November 2023
Federal approval	December 2023

ACTION: Information

XIII.
TTAC

Kern Council of Governments

October 4, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XIII.
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – SUMMARY OF COMMENTS AND RESPONSES

DESCRIPTION:
Nineteen CMAQ applications are under review. Kern COG and TTAC comments were circulated to respective applicants. A summary of comments and responses is being prepared and will be emailed to the TTAC under a separate cover.

DISCUSSION:
Background
Nineteen CMAQ applications were received for the 2023 CMAQ Call for Projects, requesting $49.2 million in CMAQ funds. The CMAQ application summary and applications received were posted to the Kern COG website at http://www.kerncog.org/category/docs/ftip/. Kern COG staff has processed the submitted applications considering the following factors in the development of the proposed program of projects:

A. Use of Kern COG CMAQ Policy and Procedures for technical analysis;
B. Use of Federal Highway Administration CMAQ Program Guidance for eligibility criteria;
C. Use of Air Resources Board's methodology to calculate emission reductions and cost-effectiveness;
D. Programming all available federal funds estimated by Caltrans; and
E. Leveraging other possible funds available from outside sources.

Project Analysis
After Kern COG review, staff comments were sent on September 13th to the respective applicant to request responses. Deadline for applicants to respond to comments was September 26, 2023. Kern COG staff will continue to work with project applicants if there are still responses in progress to clarify the following concerns:

- Purpose and need issues;
- Potentially ineligible project elements;
- Emission calculation inputs and formulas;
- Cost effectiveness based on revised emission calculations; and
- Verification of cost estimates.

TTAC subcommittee comments were due September 8th. Comments were sent on September 13th to respective applicants to request responses. Deadline for applicants to respond to comments was September 26, 2023.

A summary of comments and responses is being prepared to provide clarification of submitted application and/or data revision and will be sent to the TTAC under separate cover.

There are two attachments that have been prepared for distribution to the TTAC. 1. A letter was received from the City of Bakersfield to address revisions to the resolution template narrative. 2. A Draft CMAQ Obligation Report for the 2015, 2017, 2019 and 2021 CMAQ cycles.

Upcoming Activities/Dates

- Kern COG staff to transmit questionable applications for Caltrans eligibility review.
- Kern COG staff will not circulate the draft program of projects until after the TTAC subcommittee review of applications.
- Responses from the applicants will be discussed at the TTAC subcommittee review workshop scheduled for **October 11, 2023 at 10:00 AM** in the Kern COG Boardroom/Virtually.

Attachments: City of Bakersfield letter
Draft CMAQ Obligation Report – 2015, 2017, 2019, 2021

ACTION: Information.

BAKERSFIELD

THE SOUND OF *Something Better*

September 8, 2023

Mr. Ahron Hakimi
Ms. Raquel Pacheco
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

RE: Resolution of Local Support for CMAQ Projects

Dear Ahron and Raquel,

In July of this year, the City of Bakersfield Public Works Department submitted applications for seven CMAQ projects. Along with the applications, a City Council resolution was included that indicated that the City of Bakersfield:

1. Has the financial capacity to complete, operate, and maintain the projects at the current year cost estimates;
2. Will ensure that funds required from other sources will be reasonably expected to be available in the time frame needed to carry out the projects; and
3. Is authorized to execute and file the applications.

Additionally, the resolution clearly states that City fully commits to providing $2,780,351 in FY 24-25 and $4,525,012 in FY 25-26, for a total financial commitment of $7,305,363.

In preparing the resolution for City Council consideration, Public Works staff went to the Kern County Council of Governments (COG) Project Delivery Policies & Procedures sample resolution (Appendix A). This sample resolution was created to help jurisdictions by providing a framework for an agency-specific resolution. As the Bakersfield resolution was being drafted, staff believed that it was especially important this year to expand the City's adopted resolution with the following key points:

1. Unprecedented inflation on project costs.
2. Consideration of a process by which an agency could modify, or value engineer a project without sacrificing the overall CMAQ project goals so that it may continue to move forward to completion rather than be rejected outright and funding lost; and
3. Consideration of a process by which an agency's CMAQ funding, or a portion thereof, could be used to offset deficiencies within another agency project for that year.

The importance for agency Resolutions remains, but since the original Resolution was developed in 2017, cities and counties are facing new and unique challenges. Making note of these realities is timely and important, particularly to spur conversation and awareness from the local agency level all the way to the Federal level. A similar grant program, the Active Transportation Project (ATP), has some limited flexibility through the California Transportation Commission. The CMAQ program might consider processes with a greater degree of flexibility in delivering a project without compromising the overall CMAQ project goal stated within a project's application. Details such as material type, location (in some cases), color, size, quantity, etc. should not be completely governed by what is contained in an application with conceptualized details, but rather by achieving the CMAQ goals related to congestion mitigation and air quality improvements.

It's our hope to raise awareness of today's challenges through the City's Resolution of commitment and stimulate conversations that leads to possible process and rule changes for CMAQ that provide some degree of flexibility in how 3 - 5-year-old grant applications, submitted with conceptual plans, get built given the circumstances at the time of bidding and construction. Design flexibility and value engineering should be concepts for consideration.

Other agencies may have had similar or other unique experiences in facilitating CMAQ grant projects. If so, they too may be interested in updates to the resolution template contained within the Kern COG Project Delivery Policies & Procedures, as well as any processes by which CMAQ may be facilitated locally. It is our hope to further discuss ways to facilitate and expedite CMAQ projects at a future Technical Advisory Committee meeting.

In conclusion, the Department's purpose for custom-fitting the COG's sample resolution for Bakersfield is to raise awareness for needed flexibility in delivering CMAQ projects without jeopardizing the overall CMAQ goals. The City's financial commitment is clearly stated in its Resolution, and with it, an acknowledgment that we continue to look for flexibility in delivering projects subject to significant cost escalations. It's our hope that this Department can work with COG staff and other agencies to modernize Federal processes, rules, conditions, and interpretations that were created decades ago for CMAQ. Thank you for this opportunity to explain the City's adopted CMAQ Resolution.

Sincerely,

Gregg Strakaluse, P.E.
Public Works Director – City of Bakersfield

Cc: Mr. Jay Schlosser, Chairman TTAC

Public Works Department
1501 Truxtun Avenue, Bakersfield, CA 93301
661-326-3724 FAX: 661-852-2120

			2016-17		2017-18		Federal ID	Obligation Date	Complete Y/N
Category	Lead	Project	CMAQ	LOCAL	CMAQ	LOCAL			
0-Regional	Kern COG	IN KERN COUNTY: COMMUTEKERN'S RIDESHARE PROGRAM	$0	$0	$215,912	$27,974	CMLNI-6087(059)	2/26/2018	Y
0-Regional	Kern COG	IN KERN COUNTY: COMMUTEKERN'S RIDESHARE PROGRAM	$204,876	$26,544	$0	$0	CMLNI-6087(056)	2/22/2017	Y
1-Transit	Tehachapi	IN TEHACHAPI: TEHACHAPI BLVD BETWEEN MILL ST AND PAULEY ST; CONSTRUCT PARK-AND-RIDE ($86,500 PTMISEA)	$158,035	$10,300	$1,316,998	$95,437	CML-5184(029)	10/31/2016 4/13/2018	Y
1-Transit	Kern Co.	IN MOJAVE: CONSTRUCT TRANSIT CENTER	$650,000	$350,000	$0	$0	CML-5961(004)	8/3/2017	Y
1-Transit	GET	IN BAKERSFIELD: PURCHASE TWO 40' HYDROGEN ELECTRIC BUSES	$1,327,950	$172,050	$0	$0	FTACML-6013(023)	2/16/2017	Y
2-Partnership	KCSOS	IN BAKERSFIELD: CNG SCHOOL BUS REPLACEMENT	$462,500	$462,500	$0	$0			N/A, Buy America
4-Traffic Operations	Bakersfield	IN BAKERSFIELD ON TRUXTUN AVE.: BETWEEN EMPIRE DR. AND OAK ST.; OPERATIONAL IMPROVEMENTS	$0	$1,645,500	$2,655,900	$344,100	STPL-5109(228)	8/16/2017	Y
4-Traffic Operations	Bakersfield	IN BAKERSFIELD AT STINE RD. AND MCKEE RD.; INSTALL TRAFFIC SIGNAL	$0	$0	$221,300	$28,700	CML-5109(241)	9/13/2018	Y
4-Traffic Operations	Bakersfield	IN BAKERSFIELD AT UNION AVE AT BERKSHIRE RD.; INSTALL TRAFFIC SIGNAL	$221,300	$28,700	$0	$0	CML-5109(231)	5/2/2017	Y
4-Traffic Operations	Kern Co.	IN BAKERSFIELD: BRUNDAGE LN & STERLING RD; INSTALL TRAFFIC SIGNAL	$327,561	$42,439	$0	$0	CML-5950(418)	6/15/2017	Y
4-Traffic Operations	Kern Co.	IN BAKERSFIELD: AIRPORT DR AT DAY AVE; INSTALL TRAFFIC SIGNAL	$358,547	$46,453	$0	$0	CML-5950(417)	5/11/2017	Y
4-Traffic Operations	Kern Co.	IN BAKERSFIELD: MEACHAM RD & VERDUGO LN; INSTALL TRAFFIC SIGNAL	$301,000	$39,000	$0	$0	CML-5950(416)	2/21/2017	Y
4-Traffic Operations	Kern Co.	IN BAKERSFIELD: MEACHAM RD & JEWETTA AVE; INSTALL TRAFFIC SIGNAL	$398,385	$51,615	$0	$0	CML-5950(415)	6/16/2017	Y
5-Discretionary	Kern Co.	IN BAKERSFIELD ON PETROL RD.: BETWEEN AIRPORT DR. TO GREENVIEW LN.; SHOULDER IMPROVEMENTS	$159,354	$20,646	$0	$0	CML-5950(427)	2/22/2017	Y
5-Discretionary	Kern Co.	NEAR BAKERSFIELD ON VIRGINIA AVE.: BETWEEN WASHINGTON ST. AND MT. VERNON AVE.; SHOULDER IMPROVEMENTS	$0	$0	$132,795	$17,205	CML-5950(432)	3/23/2018	Y

			2016-17		2017-18		Federal ID	Obligation Date	Complete Y/N
Category	Lead	Project	CMAQ	LOCAL	CMAQ	LOCAL			
5-Discretionary	Kern Co.	NEAR MOJAVE, BACKUS RD.:FROM TEHACHAPI WILLOW SPRINGS ROAD TO SR 14; SHOULDER IMPROVEMENTS	$0	$0	$1,327,950	$172,050	CML-5961(006)	2/21/2018	Y
5-Discretionary	Kern Co.	NEAR ARVIN ON EDISON RD.: BETWEEN SR 223 TO SR 58; SHOULDER IMPROVEMENTS	$1,770,600	$229,400	$0	$0	CML-5950(422)	4/17/2017	Y
5-Discretionary	Kern Co.	NEAR WASCO ON KIMBERLINA RD.: BETWEEN BELL RD. TO SR 43; SHOULDER IMPROVEMENTS	$1,505,010	$194,990	$0	$0	CML-5950(429)	2/22/2017	Y
5-Discretionary	Kern Co.	NEAR BUTTONWILLOW ON 7TH STANDARD RD: BETWEEN CORN CAMP RD. TO BUTTONWILLOW DR.; SHOULDER IMPROVEMENTS	$531,180	$68,820	$0	$0	CML-5950(426)	2/2/2017	Y
5-Discretionary	Kern Co.	NEAR BAKERSFIELD ON ROUND MTN RD.: 3.5 MILES EAST OF CHINA GRADE LOOP TO CHOCTAW VALLEY; SHOULDER IMPROVEMENTS	$0	$0	$1,186,302	$153,698	CML-5950(434)	3/15/2018	Y
5-Discretionary	Kern Co.	NEAR BUTTONWILLOW ON CORN CAMP RD.: BETWEEN SR 58 TO 7TH STANDARD RD.; SHOULDER IMPROVEMENTS	$796,770	$103,230	$0	$0	CML-5950(425)	2/22/2017	Y
5-Discretionary	Kern Co.	IN SHAFTER ON SHAFTER AVE.: BETWEEN 7TH STANDARD RD. AND RIVERSIDE RD.; SHOULDER IMPROVEMENTS	$641,843	$83,157	$0	$0	CML-5950(421)	2/22/2017	Y
5-Discretionary	State	IN BAKERSFIELD ON SR 43: SR 119 (PM 0.11) TO PANAMA LN (PM 2.10); SHOULDER IMPROVEMENTS ($1,000,000 SHOPP)	$0	$0	$1,000,000	$0			N
5-Discretionary	Kern Co.	IN ROSAMOND ON 90TH ST WEST: BETWEEN AVENUE A AND ROSAMOND BLVD; SHOULDER IMPROVEMENTS	$0	$0	$796,770	$103,230	CML-5961(005)	4/3/2018	Y
5-Discretionary	Kern Co.	NEAR TEHACHAPI ON BANDUCCI RD.: BETWEEN STALLION SPRINGS DR. TO PELLISER RD.; SHOULDER IMPROVEMENTS	$0	$0	$354,120	$45,880	CML-5961(007)	5/29/2018	Y
5-Discretionary	Ridgecrest	IN RIDGECREST ON SUNLAND ST: BOWMAN AVE TO DOLPHIN AVE; SURFACE UNPAVED STREET	$65,430	$8,478	$610,687	$79,121	CML-5385(058)	4/11/2018	Y

Lead	Description	Federal 18/19	Local 18/19	Total 18/19	Federal ID	Obligation Date	Complete Y/N
Delano	IN DELANO ON CECIL AVE.: BETWEEN ALBANY ST. AND MELCHER RD.; SHOULDER IMPROVEMENTS	$442,932	$62,387	$505,319	CML-5227(058)	3/7/2018	Y
Wasco	IN WASCO: PURCHASE ONE REPLACEMENT CNG SANITATION TRUCK	$309,855	$40,145	$350,000	CML-5287(048)	2/8/2017	Y
Wasco	IN WASCO: PURCHASE ONE REPLACEMENT CNG STREET SWEEPER	$309,855	$40,145	$350,000	CML-5287(049)	2/8/2017	Y

			2018-19		2019-20		Federal ID	Obligation Date	Complete Y/N
Category	Lead	Project	CMAQ	LOCAL	CMAQ	LOCAL			
0-Regional	KCOG	IN KERN COUNTY: COMMUTEKERN'S RIDESHARE PROGRAM	$0	$0	$190,960	$24,741	CMLNI-6087(065)	1/23/2020	Y
0-Regional	KCOG	IN KERN COUNTY: COMMUTEKERN'S RIDESHARE PROGRAM	$179,343	$23,236	$0	$0	CMLNI-6087(062)	2/6/2019	Y
1-Transit	Kern Co.	KERN REGION: BAKERSFIELD AND SANTA CLARITA VIA FRAZIER PARK; PROVIDE COMMUTER BUS SERVICE	$280,000	$40,000	$0	$0	FTACML-6285(017)	11/13/2018	Y
1-Transit	GET	METRO BAKERSFIELD PROGRAM FOR FREE TRANSIT FARE TRIPS DURING UNHEALTHY AIR QUALITY DAYS	$301,735	$39,094	$301,735	$39,094	FTACML-6013(024)	6/8/2018	Y
2-Alternative Fuel	McFarland	MCFARLAND: CONSTRUCT PUBLIC TRANSIT ELECTRIC VEHICLE CHARGING STATION	$94,718	$12,272	$421,469	$4,606	CML-5343(014)	1/22/2019 4/15/2020	Y
3-Traffic Operations	Kern Co.	BAKERSFIELD: UNION AVE FROM CASA LOMA DR/MING AVE TO FAIRVIEW RD; SIGNAL COORDINATION (INTERCONNECT)	$512,600	$66,500	$0	$0	CML-5950(457)	5/2/2019	Y
3-Traffic Operations	Bakersfield	BAKERSFIELD: STOCKDALE HWY AT SR 43/ENOS LN; CONSTRUCT ROUNDABOUT	$2,921,490	$378,510	$0	$0	CML-5109(246)	9/10/2018	Y
3-Traffic Operations	Bakersfield	BAKERSFIELD: MING AVE AT STINE RD; CONSTRUCT LEFT TURN LANES	$0	$0	$265,590	$34,410	CML-5109(256)	4/2/2020	Y
3-Traffic Operations	Kern Co.	OILDALE: MERLE HAGGARD DR (WINGS WAY TO MCCRAY ST 1.25MI); AIRPORT DR (MERLE HAGGARD DR TO NORRIS RD; NORRIS RD (AIRPORT DR TO MCCRAY ST); SIGNAL COORDINATION INTERCONNECT	$536,000	$69,500	$0	$0	CML-5950(454)	5/2/2019	Y
3-Traffic Operations	Bakersfield	BAKERSFIELD: MING AVE AT ALLEN RD AND MING AVE BETWEEN ALLEN RD AND BUENA VISTA RD; INSTALL NEW TRAFFIC SIGNAL AND INTERCONNECT	$0	$0	$440,463	$57,067	CML-5109(258)	3/30/2020	Y
3-Traffic Operations	Kern Co.	BAKERSFIELD: FAIRFAX RD AT ZEPHYR LN; CONSTRUCT TRAFFIC SIGNAL AND ANCILLARY FACILITIES	$0	$385,900	$561,300	$72,800	CML-5950(467)	2/11/2020	Y
4-Discretionary	Arvin	ARVIN: DERBY ST (TEJON HWY) BETWEEN HAVEN DR AND SCHIPPER AVE; SHOULDER PAVING AND CONSTRUCT CLASS	$44,265	$5,735	$335,619	$55,000			N
4-Discretionary	Kern Co.	BUTTONWILLOW: BANNING ST BETWEEN SR 58 TO SULLIVAN RD; SURFACE UNPAVED ROAD	$481,400	$896,400	$2,214,400	$287,000			N, advanced contingency projects
4-Discretionary	Kern Co.	ROSAMOND: HOLIDAY AVE BETWEEN 65TH ST W AND 60TH ST W; SURFACE UNPAVED ROAD	$0	$271,400	$789,000	$102,300	CML-5961(014)	4/1/2020	Y

			2018-19		2019-20		Federal ID	Obligation Date	Complete Y/N
Category	Lead	Project	CMAQ	LOCAL	CMAQ	LOCAL			
4-Discretionary	Kern Co.	DELANO: CHRISTINA ST BETWEEN MATHEWS AVE TO CECIL AVE; SURFACE UNPAVED ROAD	$203,100	$550,400	$934,200	$121,100	CML-5950(463)	5/11/2020	Y
4-Discretionary	Kern Co.	DELANO: MATHEWS AVE BETWEEN TIMMONS AVE TO METTLER AVE (.75 MILES); SURFACE UNPAVED ROAD	$288,700	$412,500	$1,328,100	$172,100	CML-5950(463)	5/11/2020	Y
4-Discretionary	Kern Co.	BUTTONWILLOW: HAIL RD BETWEEN SR 58 TO SULLIVAN RD; SURFACE UNPAVED ROAD	$456,400	$743,200	$2,099,400	$272,100			N, advanced contingency projects
4-Discretionary	Kern Co.	LAMONT: WILSON RD APPROXIMATELY 250 FEET; SURFACE UNPAVED ROAD; HOPE AVE AND TATUM ST	$144,000	$233,700	$539,500	$209,000	CML-5950(449) CML-5950(462)	5/14/2018 3/5/2020	Y
4-Discretionary	Kern Co.	BAKERSFIELD: NORD AVE BETWEEN STOCKDALE HWY AND REINA RD; SURFACE UNPAVED SHOULDERS AND INSTALL CLASS	$969,100	$125,600	$0	$0	CML-5950(458)	1/25/2019	Y
4-Discretionary	Kern Co.	BAKERSFIELD: BRECKENRIDGE RD FROM MONICA ST TO COMANCHE DR; SURFACE UNPAVED SHOULDERS	$1,138,500	$147,600	$0	$0	CML-5950(456)	1/30/2019	Y
4-Discretionary	Kern Co.	BAKERSFIELD: VINELAND RD FROM EDISON HWY TO PIONEER DR; SURFACE UNPAVED SHOULDERS AND AND INSTALL CLASS II BIKE LANES	$299,700	$38,900	$0	$0	CML-5950(464)	3/28/2019	Y
4-Discretionary	Kern Co.	ARVIN: S. COMANCHE DR BETWEEN SYCAMORE RD TO SHANE CT; SURFACE UNPAVED SHOULDERS	$414,400	$53,800	$0	$0	STPCML-5950(459)	4/19/2019	Y
4-Discretionary	Kern Co.	BAKERSFIELD: RENFRO RD BETWEEN ROSEDALE HWY TO HAGEMAN RD; SURFACE UNPAVED SHOULDERS AND CLASS II BIKE LANE	$280,800	$34,600	$0	$0	CML-5950(455)	11/2/2018	Y
4-Discretionary	Kern Co.	GOLDEN HILLS: RED APPLE AVE AT WESTWOOD BLVD; CONSTRUCT TRAFFIC SIGNAL AND ANCILLARY FACILITIES	$496,400	$64,400	$0	$0	CML-5961(010)	3/26/2019	Y

Lead	Description	Federal 20/21	Local 20/21	Total 20/21	Federal ID	Obligation Date	Complete Y/N
Bakersfield	BAKERSFIELD: BUENA VISTA RD (STOCKDALE HWY TO WHITE LN), ALLEN RD (WESTSIDE PKWY WB RAMP TO STOCKDALE HWY), CALLOWAY DR (BRIMHALL RD TO STOCKDALE HWY); SIGNAL COORDINATION (INTERCONNECT)	$561,111	$72,698	$633,809	CML-5109(252)	9/5/2019	Y
Bakersfield	BAKERSFIELD: HOSKING AVE BETWEEN STINE RD AND S H ST; SIGNAL COORDINATION (INTERCONNECT)	$376,482	$48,778	$425,260	CML-5109(259)	1/13/2020	Y
Bakersfield	BAKERSFIELD: ROSEDALE HWY BETWEEN VERDUGO LN AND JET WAY; SIGNAL COORDINATION (INTERCONNECT)	$336,214	$43,561	$379,775	CML-5109(260)	4/2/2020	Y
Bakersfield	BAKERSFIELD: BRIMHALL RD BETWEEN CALLOWAY DR AND JEWETTA AVE; SIGNAL COORDINATION (INTERCONNECT)	$360,950	$46,765	$407,715	CML-5109(260)	4/2/2020	Y
Kern Co.	DELANO: BRUTTON ST BETWEEN MATHEWS AVE TO CECIL AVE; SURFACE UNPAVED ROAD	$801,900	$759,900	$1,561,800	CML-5950(463)	5/11/2020	Y
Kern Co.	BAKERSFIELD: KRATZMEYER RD BETWEEN ENOS LN TO NORD AVE; SURFACE UNPAVED SHOULDERS	$1,021,500	$132,400	$1,153,900	CML-5950(465)	2/21/2019	Y
Kern Co.	NEAR BAKERSFIELD: PANAMA LN BETWEEN SR 43 TO BAKERSFIELD CITY LIMITS; SURFACE UNPAVED SHOULDERS	$920,900	$119,400	$1,040,300	STPCML-5950(461)	3/19/2019	Y
Kern Co.	ROSAMOND: ROSAMOND BLVD, STEVENSON ST TO 25TH ST W; 30TH ST W, ORANGE ST TO ROSAMOND BLVD; 25TH ST W, HOLIDAY AVE TO ROSAMOND BLVD; SURFACE UNPAVED SHOULDERS, INSTALL CLASS II BIKE LANES	$1,139,100	$147,600	$1,286,700	CML-5961(011)	3/10/2020	Y
Ridgecrest	RIDGECREST: W. DOLPHIN AVE BETWEEN S. CHINA LAKE BLVD AND COLLEGE HEIGHTS BLVD; SURFACE UNPAVED STREET	$700,857	$262,904	$963,761	CML-5389(064)	2/11/2020	Y
Kern Co.	BAKERSFIELD: FRUITVALE AVE BETWEEN NORRIS RD TO SNOW RD; SURFACE UNPAVED SHOULDERS AND INSTALL CLASS II BIKE LANES	$397,700	$51,600	$449,300	CML-5950(460)	1/10/2019	Y
Kern Co.	BUTTONWILLOW: BRITE RD BETWEEN BUTTONWILLOW RD TO WASCO WAY; SURFACE UNPAVED SHOULDERS	$539,500	$286,400	$825,900	STHIPCML-5950(466)	2/19/2020	Y
Kern Co.	BUTTONWILLOW: MIRASOL AVE BETWEEN BRITE RD AND SR 58; SURFACE UNPAVED SHOULDERS	$666,500	$334,100	$100,600	STHIPCML-5950(466)	2/19/2020	Y

			2020-21		2021-22		Federal ID	Obligation Date	Complete Y/N
Category	Lead	Project	CMAQ	LOCAL	CMAQ	LOCAL			
0-Regional	Kern COG	Kern County: CommuteKern Rideshare Program	$0	$0	$222,148	$28,782	CML-6087(073)	2/17/2022	Y
0-Regional	Kern COG	Kern County: CommuteKern Rideshare Program	$211,602	$27,416	$0	$0	CML-6087(069)	4/23/2021	Y
3-Traffic Operations	Bakersfield	Bakersfield: Signal Coordination Part 2	$0	$0	$1,239,420	$160,580	CML-5109(275)	7/1/2022	Y
3-Traffic Operations	Bakersfield	Bakersfield: Signal Coordination Part 1	$1,593,540	$206,460	$0	$0	CML-5109(268)	4/28/2021	Y
3-Traffic Operations	Bakersfield	Bakersfield: New Stine Rd between Panama Lane and Mohawk St & Calloway Dr between White Ln and Brimhall Rd; install traffic signals communication	$531,180	$68,820	$0	$0	CML-5109(269)	4/9/2021	Y
3-Traffic Operations	Kern Co.	Kern County (Bakersfield): Intersection of Flower Street and Virginia Street; Construct a traffic signal and ancillary facilities	$594,703	$77,051	$0	$0	CML-5950(485)	4/12/2021	Y
3-Traffic Operations	Bakersfield	Bakersfield: Wible Rd at McKee Rd; traffic signal & Wible Rd between McKee Rd and Hosking Ave;	$586,319	$75,964	$0	$0	CML-5109(264)	4/20/2021	Y
3-Traffic Operations	Bakersfield	Bakersfield: McKee Rd at Ashe Rd; install traffic signal	$287,722	$37,278	$0	$0	CML-5109(265)	4/20/2021	Y
3-Traffic Operations	Kern Co.	Kern County (Oildale): Intersection of Manor St and Day Ave; Construct a traffic signal and ancillary facilities	$838,419	$108,627	$0	$0	CML-5109(484)	4/20/2021	Y
4-Discretionary	Kern Co.	Kern County (Delano): Lytle Avenue from West Cecil Avenue to County Line Road; Pave dirt Rd	$0	$0	$1,436,028	$186,053	CML-5950(490)	5/6/2021	Y
4-Discretionary	Tehachapi	Tehachapi: Pinon Street from Brandon Lane east to Dennison Road; pave an unpaved street and install Class II bike lane	$885,299	$114,701	$0	$0	CML-5184(038)	3/16/2021 5/12/22	Y
4-Discretionary	Shafter	Shafter: Santa Fe Way (SR 43) and E Los Angeles Ave/S Beech Ave Intersection; Operational Improvement/Construct Roundabout	$1,327,950	$172,050	$0	$0	CML-6206(030)	12/3/2020	Y
4-Discretionary	Kern Co.	Kern County (Walker Basin): Williams Rd from Johns Road to Basin Street; Pave dirt Rd	$1,094,280	$141,776	$0	$0			N, advanced contingency

			2020-21		2021-22		Federal ID	Obligation Date	Complete Y/N
Category	Lead	Project	CMAQ	LOCAL	CMAQ	LOCAL			
4-Discretionary	Kern Co.	Kern County (Lake Isabella): Intersection of Elizabeth Norris Rd and Lake Isabella Blvd; Construct a traffic signal and ancillary facilities	$638,692	$82,750	$0	$0	CML-5950(482)	2/8/2021	Y
4-Discretionary	Cal. City	In California City: Mendiburu Rd from Hacienda Blvd to Neuralia Rd; surface unpaved street	$33,641	$4,359	$1,693,381	$246,897	CML-5399(031)	1/28/2021 2/16/2022	Y
4-Discretionary	State	Near Lamont: SR 223 at SR 184/Wheeler Ridge Road: construct single-lane roundabout (State fund source $2,741,000)	$0	$0	$1,500,000	$500,000	CML-6206(032)	7/26/2021	
4-Discretionary	Kern Co.	Kern County (Tehachapi): Sand Canyon Rd from Tehachapi Blvd to Country Canyon Rd, approximately 7.2 miles in length; Construct 6-foot asphalt concrete shoulders and	$2,362,277	$306,059	$0	$0			N, advanced contingency
4-Discretionary	Shafter	Shafter: Santa Fe Way from Los Angeles Ave to Galpin St; Construct 8' shoulders on both sides of roadway	$0	$0	$1,327,950	$172,050	CML-5281(031)	4/18/2022	Y
4-Discretionary	Wasco	Wasco: N. Palm Ave. between Margalo St. and Gromer Ave. (1/4 mile length); pave shoulders, construct bicycle and pedestrian facilities	$140,266	$18,174	$350,671	$45,434	CML-5287(058)	3/17/2021 12/7/2022	Y
4-Discretionary	Bakersfield	Bakersfield: Bounded by 7th Standard Rd, Kern River Parkway and approx 6 miles Friant-Kern Canal; construct Class I multi-use path ((ATP $4,306,000)	$0	$0	$3,447,358	$446,642	ATPCML-5109(272)	9/12/2022	Y, project not complete

Lead	Description	Local	Federal 22/23	Federal 23/24	Total	Federal ID	Obligation Date	Complete Y/N
Ridgecrest	Ridgecrest: City corporation yard; Install electric vehicle charging station and solar photovoltaic system	$77,743		$556,457	$634,200	CML-5385(069)	2/2/2021	Y
Bakersfield	Bakersfield: Hageman Rd easterly across SR99 and connect with SR204; construct multi-use path	$3,179,903	$5,247,756		$8,427,659	CML-5109(271)	1/24/2022	Y, project not complete
Bakersfield	Bakersfield: along Pacheco Rd between Stine Rd and Wible Rd; construct multi-use path	$56,880	$439,020		$495,900	CML-5109(266)	5/11/2021	Y
Bakersfield	Bakersfield: Stockdale Ranch Dr to Kern River bike path south of Stockdale Hwy crossing Kern River; construct multi-use path	$529,400		$1,770,600	$2,300,000	CML-5109(261)	8/2/2021	Y
Kern Co.	**Kern County (Wasco): Scofield Avenue from West Lerdo Highway to Wasco City Limit, approximately 5.6 miles in length; Construct 6-foot asphalt concrete shoulders and ancillary facilities	$388,230		$2,996,510	$3,384,740	STHIPCML-5950(486)	1/18/2022	Y
Kern Co.	**Kern County (Delano): Browning Road from Elmo Highway to Skyline Drive; Pave Shoulders	$350,152		$1,349,779	$1,699,931	CML-5950(489)	12/28/2021	Y
Kern Co.	**Kern County (Bakersfield): Hughes Lane from Terrace Way to Bakersfield City Limits, and a portion of Colton Street (0.3 miles); Construct asphalt concrete shoulders and ancillary	$83,325	$643,135		$726,460	STPCML-5950(483)	5/11/2021	Y

			2022-23		2023-24		Federal ID	Obligation Date	Complete Y/N
Category	Lead	Project	CMAQ	LOCAL	CMAQ	LOCAL			
0-Regional	Kern COG	Kern County: COMMUTEKERN Rideshare Program	$0		$256,470	$33,229			N, expect to submit Jan 2024
0-Regional	Kern COG	Kern County: COMMUTEKERN Rideshare Program	$240,187	$31,119	$0		CMLNI-6087(067)	2/13/2023	Y
1-Transit	Taft	Taft: 550 Supply Rd; install charging infrastructure and solar microgrid	$229,514	$29,736	$2,726,626	$353,264	CML-5193(045)	5/1/2023	Y for PE; N for CON, expect to submit 2024
3-Traffic Operations	Kern Co.	Kern County (Bakersfield): Various areas in Metro Bakersfield; Traffic Signal Coordination (Interconnect)	$1,353,004	$175,296	$0	$0	CML-5950(517)	4/7/2023	Y
3-Traffic Operations	Kern Co.	Kern County (Oildale): Within and around the community of Oildale; Traffic Signal Coordination (Interconnect)	$1,055,189	$136,711	$0	$0	CML-5950(517)	4/7/2023	Y
3-Traffic Operations	Kern Co.	Kern County (Metro Bakersfield): Intersection of Allen Rd and Jomani Dr; Construct a traffic signal and ancillary facilities	$536,725	$69,538	$0	$0	CML-5950(510)	3/15/2023	Y
3-Traffic Operations	Bakersfield	Bakersfield: White Ln from Wible Rd to Buena Vista Rd; installation of adaptive signal coordination	$0	$0	$775,080	$100,420			N, expect to submit Jan 2024
3-Traffic Operations	Kern Co.	Kern County (Metro Bakersfield): Intersection of Cottonwood Rd and Cheatham Ave; Construct a traffic signal and ancillary facilities	$567,807	$73,565	$0	$0	CML-5950(505)	2/22/2023	Y
3-Traffic Operations	Bakersfield	Bakersfield: Stockdale Hwy from Renfro Rd to Coffee Rd; installation of adaptive signal coordination	$0	$0	$336,768	$43,632			N, expect to submit Jan 2024
3-Traffic Operations	Kern Co.	Kern County (Metro Bakersfield): Intersection of Snow Rd and Quail Creek Rd; Construct a traffic signal and ancillary facilities	$0	$0	$626,174	$81,128			N, expect to submit 2024
3-Traffic Operations	Bakersfield	Bakersfield: H St from White Ln to Panama Ln, Panama Ln from Akers Rd to Parsons Wy; installation of adaptive signal coordination	$0	$0	$509,048	$65,953			N, expect to submit Jan 2024
3-Traffic Operations	Bakersfield	Bakersfield: Mt Vernon Ave from Bernard St to Panorama Dr; installation of adaptive signal coordination	$529,409	$68,591	$0	$0	CML-5109(281)	8/1/2023	Y
4-Discretionary	Kern Co.	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$572,929	$74,229	$3,061,415	$396,639	CML-5961(016)	5/25/2022	Y for PE; N for CON, expect to submit 2024
4-Discretionary	Wasco	Wasco: Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$49,156	$6,369	$308,994	$40,034	CML-5287(062)	7/26/2022	Y for PE; N for CON, expect to submit 2024
4-Discretionary	Kern Co.	Kern County (Bakersfield): Rosedale Highway between SR-43 and Heath Road; Surface 4 miles of dirt shoulders	$2,875,285	$372,524	$0	$0	CML-5950(511)	3/27/2023	Y

2021 CMAQ Cycle - Draft Obligation Report

			2022-23		2023-24		Federal ID	Obligation Date	Complete Y/N
Category	Lead	Project	CMAQ	LOCAL	CMAQ	LOCAL			
4-Discretionary	Kern Co.	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$421,690	$54,634	$965,910	$124,144	CML-5950(503)	4/11/2022	Y for PE; N for CON, expect to submit 2024
4-Discretionary	Cal. City	California City: Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$10,000	$846,966	$109,734			N, expect to submit Jan 2024
4-Discretionary	Kern Co.	Kern County (Tehachapi): Backes Ln (Highline Rd - Schout Rd), Schout Rd (Backes Ln - Woodford Tehachapi Rd), Woodford Tehachapi Rd (Schout Rd - SR 202); pave shoulder and bike lane	$1,832,751	$237,452	$0	$0	CML-5961(017)	5/10/2023	Y
4-Discretionary	Kern Co.	Kern County (Metro Bakersfield): Mills Dr (SR 184 - Park Dr) & Park Dr (Mills Dr - Eucalyptus Dr); Surface unpaved shoulder	$1,113,330	$144,244	$0	$0			N, advanced contingency

Lead	Description	Federal 24/25	Local 24/25	Total 24/25	Federal ID	Obligation Date	Complete Y/N
Kern Co.	Kern County (Lake Isabella, Rosamond, Wheeler Ridge): Lake Isabella Blvd (Erskine Creek Rd - Nugget Ave), Laval Rd West (Tejon Industrial Dr - Dennis McCarthy Dr), Laval Rd East (Outlet Dr - Wheeler Ridge Rd, Wheeler Ridge Rd: Laval Rd - Santa Elena Dr), and Rosamond Blvd (35th St W - United St); Traffic Signal Coordination (Interconnect)	$598,197	$77,503	$675,700	CML-5950(517)	4/7/2023	Y

Kern Council of Governments

XIV.
TTAC

October 4, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XIV.
PROJECT DELIVERY POLICY LETTERS – ATP, CMAQ, RSTP

DESCRIPTION:

Per the "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview," Active Transportation Program (ATP), Congestion Mitigation Air Quality (CMAQ), and Regional Surface Transportation Program (RSTP) projects in the current fiscal year need to be submitted for funding authorization by January 31st.

DISCUSSION:

The "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview" was last updated at the April 15, 2021 Kern COG Board meeting. The Kern COG Project Delivery Policy states that projects in the current fiscal year need to be submitted for funding authorization by January 31st. If agencies plan to submit projects for funding authorization beyond January 31st, lead agencies are asked to submit a letter with a revised submittal schedule. Enclosed is a sample project delivery letter.

The Kern COG staff is requesting that the Transportation Technical Advisory Committee consider a change to the protocol for the project delivery letter.

Option 1: To ensure consistent communication between the project manager and their City Manager and/or Public Works Director, the Kern COG staff is requesting that the project delivery letter be signed by the City Manager and/or Public Works Director. Kern COG staff has noticed a disconnect in providing sufficient resources for the delivery of projects. This action may help advance projects toward successful delivery.

Option 2: Do nothing.

Attachment: Sample Project Delivery Policy Letter

ACTION: Recommend that the Transportation Planning Policy Committee require the Project Delivery letter be signed by the City Manager or Public Works Director. ROLL CALL VOTE.

[Date]

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: [KER230507] Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding authorization by the end of the month of January. If an agency does not submit by January, then that agency sends a revised submittal schedule to Kern COG by January 12th. Since [Lead Agency] does not plan to submit project [KER230507] by the end of January for funding authorization, the following is provided as [Lead Agency] response:

[insert project description]

- Funding program: [insert Congestion Mitigation and Air Quality, etc.]
- Total cost of project: [insert $]
- Federal share of project: [insert $]
- Reason for delay: [give cause/reason for delay]
- Revised submittal date: [insert date]

Should you have any questions, contact [name] at [phone] or [email].

Kern Council of Governments

XV.
TTAC

October 4, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner
Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XV.
PROJECT ACCOUNTABILITY TEAM REPORT

DESCRIPTION:

Kern COG staff to provide the latest updates.

DISCUSSION:

The Project Accountability Team meetings are held quarterly as needed to discuss project implementation issues and to develop solutions. Participants review project status information for projects in the Federal Transportation Improvement Program (FTIP). Since no meeting has been held recently, this report is meant to provide the latest updates.

1. Transportation Development Act (TDA) Article 3 invoices should be submitted to Bob Snoddy at bsnoddy@kerncog.org. Please see project list attached.

2. Caltrans' monthly Local Assistance Delivery report includes funding authorizations (obligations) and de-obligations for formula federal funds. As of the August 2023 report, the Kern region had the highest delivery rate in the state for fiscal year 22/23 Congestion Mitigation Air Quality Program and Regional Surface Transportation Program delivery – 157.6%. Since then, Delano has received advanced approval for $698,000 Regional Surface Transportation Program funds – bringing the Kern region to 161.1%.

3. The FY 23/24 Active Transportation Program (ATP), Congestion Mitigation Air Quality Program (CMAQ), Regional Surface Transportation Program (RSTP) project list is provided to remind agencies to deliver early.

Attachments: September 20, 2023 TDA Article 3 project list
August 31, 2023 FY 2022-23 Caltrans Local Assistance Delivery report
September 22, 2023 FY 23/24 ATP/CMAQ/RSTP project list

ACTION: Information.

2) Transportation Development Act Article 3 Program - Funded and Un-Funded Projects FY 2021-22						
Project Status						
Status Code: 1=Not Started 2=Under Construction 3=Completed						
Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield/Kern County	7/15/2021	MO#21-5	Addition of a Class 1 bike path along County Dump Rd. between Fairfax Rd. and Paladan Dr. Kern County will be a sub applicant	$ 267,000	2	Project estimated to be comp. September 30, 2023
2nd Priority				**$ 267,000**		
Total Funded Projects				**$ 267,000**		
McFarland	7/15/2021	MO#21-01	Remove and replace non-ADA compliant curb ramps on Ebell St. Mast Ave. to Woodruff Ave. & 6th St. and California Ave.	$ 156,158	1	Est. June 2023
Tehachapi	7/15/2021	MO#21-02	Complete pedestrian facilities on both sides of Brentwood Dr. between Cury St. and Oakwood St. with a new ADA compliant sidewalk, curb, and gutter	$ 284,750	1	Should be completed January 2024
Taft	7/15/2021	MO#21-03	Construct new curb and gutter, sidewalk, ADA compliant ramps, drive approaches and related pedestrian improvement on west side of 4th St. from Supply Row to Main St.	$ 169,080	3	Should receive invoice in January 2024
Wasco	7/15/2021	MO#21-04	Remove existing non-ADA compliant ramps and replace with ADA compliant curb and ramps on D St. Blvd. between Filburn and Stephen Court east side and on Filburn St. between Gaston St. amd D St. north side	$ 156,831	1	Should be completed July 2023
California City	7/15/2021	MO#21-05	Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.	$ 170,538	1	Should be completed November 2023
3rd Priority Projects (Unfunded)				**$ 937,357**		
TDA Article 3 projects funded and unfunded				**$ 1,204,357**		

TDA Article 3 FY 2023 Adopted Project

Project Status
Status Code" 1= Not Under Construction 2=Under Construction 3=Completed

Minute Order	Jurisdiction	Auth. Date	Project Name	Funding	Status Code
23-02	Kern County	8/19/2023	Bike facilities	$21,000	1
23-03	Ridgecrest	8/19/2023	Bike Facilities	$3,000	1
23-04	Shafter	8/19/2023	Bike facilities	$3,000	1
23-06	Taft	8/19/2023	Bike Facilities	$3,000	1
23-08	Wasco	8/19/2023	Bike facilities	$3,000	1
23-01	Kern County	8/19/2023	Bike Safety	$22,000	1
23-08	Wasco	8/19/2023	Bike Safety	$2,000	1
	Total 1st Priority Projects			**$57,000**	
23-11	Tehachapi	8/19/2023	Complete class II bike lane on westside of Dennison Rd. between Valley Rd. and Pinon St.	$212,000	1
	Total 2nd Priority Projects			**$212,000**	
23-07	Taft	8/19/2023	10th St. pedestrian improvements from Supply Row to Main St. ADA ramps, curb and gutter	$194,500	1
23-05	Shafter	8/19/2023	Pedestrian improvements along Shafter Ave. between Lerdo Hwy. and James St. Wheelchair ramp, gross gutters, curb and gutter	$157,500	1
23-12	Tehachapi	8/19/2023	Dennison Rd. sidewalk/ADA Improvements	$29,888	
23-10	Wasco	8/19/2023	Pedestrian Improvements 11th St. from D St. to Birch Ave. new sidewalk, curb and gutter, and ADA ramps	$425,592	1
	Total 3rd Priority Projects			**$807,480**	
	Total Article 3 Projects			**$1,076,480**	

FFY 2022 - 23
Local Assistance Delivery
Estimated Formula OA Funds as of August 31, 2023

Region	Estimated FFY 2023 OA[1]	Adjustment to FFY 2023 OA for FFY 2022 Over - Under Delivery[2]	Estimated FFY 2023 Oversight Adjustment[3]	Contribution for LS&R Needs Assessment FFY 2023[4]	LS&R Needs Assessment Funding Offset	Adjusted FFY 2023 Estimated OA[5]	FFY 2023 Obligations as of 8/31/23	Percent Estimated OA Delivered	Balance FFY 2023 Estimated OA[6]
Amador	960,573	1,144,051	(13,822)	-	-	2,090,802	1,430,537	68.4%	660,265
Butte	5,244,654	1,582,819	(75,071)	-	-	6,752,401	8,869,327	131.4%	(2,116,925)
Calaveras	1,122,584	480,452	(16,117)	-	-	1,586,919	767,585	48.4%	819,334
Fresno	25,086,307	(2,493,338)	(394,131)	-	-	22,198,839	28,230,326	127.2%	(6,031,487)
Kern	22,483,402	(1,736,595)	(353,107)	-	-	20,393,701	32,148,594	157.6%	(11,754,893)
Kings	4,263,139	2,500,352	(61,895)	-	-	6,701,596	3,668,674	54.7%	3,032,922
Madera	4,290,868	8,165,881	(62,403)	-	-	12,394,345	4,624,685	37.3%	7,769,660
Mariposa	445,316	1,885,299	(6,386)	-	-	2,324,229	307,994	13.3%	2,016,235
Merced[10]	7,484,496	(764,951)	(109,097)	-	-	6,450,448	5,388,712	83.5%	1,061,736
Nevada	2,619,804	3,759,912	(37,874)	-	-	6,341,841	1,661,288	26.2%	4,680,553
Sacramento (SACOG)[14]	54,599,995	(27,710,016)	(857,883)	-	-	26,032,097	41,750,031	160.4%	(15,717,935)
San Diego	79,755,948	(16,603,900)	(1,254,400)	-	-	61,897,648	90,437,152	146.1%	(28,539,503)
San Francisco Bay Area (MTC)	165,261,095	(65,135,599)	(2,598,807)	-	-	97,526,688	122,568,833	125.7%	(25,042,145)
San Joaquin[10]	18,887,833	10,939,921	(297,153)	-	-	29,690,602	6,629,541	22.3%	23,061,060
San Luis Obispo	6,740,095	8,042,914	(96,911)	-	-	14,686,099	3,891,046	26.5%	10,795,053
Southern California (SCAG)[9,11,14]	510,511,826	60,122,234	(8,026,878)	-	-	562,607,182	717,284,587	127.5%	(154,677,404)
Stanislaus	13,728,582	4,698,622	(215,985)	-	-	18,211,219	9,713,333	53.3%	8,497,886
Tahoe	3,380,692	(525,986)	(53,187)	-	-	2,801,520	3,826,061	136.6%	(1,024,541)
Tehama	1,582,517	2,680,688	(22,747)	-	-	4,240,458	1,068,808	25.2%	3,171,650
Tulare	12,323,665	(1,956,530)	(186,339)	-	-	10,180,795	13,003,819	127.7%	(2,823,024)
Tuolumne	1,366,151	1,498,936	(19,618)	-	-	2,845,469	1,132,128	39.8%	1,713,341
Exchange Counties	33,697,676	1,622,606	(460,031)	-	-	34,860,251	34,863,828	100.0%	(3,577)
TOTAL LOCAL AGENCIES	975,837,220	(7,802,229)	(15,219,841)	-	-	952,815,150	1,133,266,888	118.9%	(180,451,738)
HBP	293,061,128	(66,824,980)	(4,628,969)	-	-	221,607,178	255,095,162	115.1%	(33,487,984)
Safety[8]	80,560,701	(38,862,297)	(1,682,396)	-	-	40,016,009	67,711,917	169.2%	(27,695,908)
Carbon Reduction Program (CRP)[7,12]	62,237,262	63,340,535	-	-	-	125,577,797	40,368,980	0.0%	85,208,817
PROTECT Program[7]	43,549,677	44,321,678	-	-	-	87,871,355	-	0.0%	87,871,355
SRTS	-	5,827,293	-	-	-	5,827,293	(365,470)	0.0%	6,192,762
TOTAL[13]	**1,455,245,988**	**(0)**	**(21,531,206)**	**-**	**-**	**1,433,714,782**	**1,496,077,477**	**104.3%**	**(62,362,695)**
FFY 2022 Formula OA Obligations YTD (8/31/22) (Total)	*Prior year data displayed for informational purposes*	-	-	-	-	1,493,049,850	1,425,439,924	95.5%	67,609,927

Prepared by Megan Perasso
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September 8, 2023

FFY 2022 - 23
Local Assistance Delivery
Estimated Formula OA Funds as of August 31, 2023

Information:

< This August 31, 2023 report is based on the Department's Federal Aid Data System (FADS) transactions.
< Obligations include obligations, deobligations and Federal Transit Administration (FTA) transfers.
< The federal fiscal year (FFY) 2022-23 (FFY 2023) RSTP Exchange is included in the March 2023 Obligation Authority (OA) delivery report in the FFY 2023 Obligations amount.

Footnotes:

[1] The Locals' estimated base Federal Fiscal Year (FFY) 2022-23 (FFY 2023) Obligation Authority (OA) is based on the draft amount provided by our Department's Office of Federal Resources (OFR) on June 23, 2023. Previous reports reflected a draft amount from February 8, 2023. The OFR's amount is based on the Federal Highway Administration (FHWA) FY 2023 OA notice (FHWA N4520.278) dated February 1, 2023. The OA spread between regions and programs was updated based on the Department's Division of Financial Programming FFY 2023 Estimated apportionment distributions issued on November 10, 2022. The estimated OA amounts may be updated in the future if there is a change to the local OA share.

[2] Balance of FFY 2022 OA (last FFY's OA balance) -- This is the amount a Region/Program must pay back if over delivered or the amount a Region/Program will receive to "make whole" if under delivered based on the Division of Local Assistance's (DLA's) OA Management Policy. Amounts shown in parenthesis are amounts owed and positive (non-parenthesis numbers) amounts are to be repaid to Regions/Programs. Please see September 30, 2022 OA delivery report for details on this amount.

[3] Required by Sections 182.6(n) and 182.7(k) of the California Streets and Highways Code. The distribution of the estimated oversight amount is based on the FFY 2022 State/Local Splits report from OFR dated October 10, 2022 and Division of Local Assistance's Oversight Spread to Programs dated October 11, 2022. The total oversight amount increased by $708,000 in FFY 2023 due to increased Construction Oversight Engineer (COE) costs.

[4] Received agreements during FFY 2023 from Region(s) for the Local Streets and Roads (LS&R) Statewide Needs Assessment Funding Concurrence.

[5] This is the FFY 2023 adjusted estimated base OA, which includes adjustments for the FFY 2022 OA over or under delivery, the FFY 2023 Estimated Oversight Adjustment, and the LS&R Needs Assessment.

[6] Balance of FFY 2023 estimated OA per date of report -- This is the running balance of FFY 2023 estimated OA. At the end of the FFY, this is the amount a Region/Program must pay back if over delivered or the amount a Region/Program will receive to "make whole" if under delivered based on DLA's OA Management Policy. Amounts shown in parenthesis are owed back and positive (non-parenthesis numbers) amounts are owed to those Regions/Programs. If OA is lost to the State due to DLA under delivery as a whole, under delivered OA may not be available to repay Regions and/or Programs.

[7] CRP and PROTECT OA will be treated similar to HBP and Safety based on the program administration.

[8]In May 2023, $42,531,243 of Local federal-aid Safety apportionments and OA were transferred to OFR per Reference 2.5h from August 17-18, 2022, and Reference 3.12 from June 28-29, 2023, California Transportation Commission meetings, in exchange for State Highway Account (SHA) funds. The transfer and exchange is allowed per Senate Bill (SB) 137 (Chapter 639 of the 2019 Statutes), effective October 8, 2019, which authorized the Department to allow up to $100,000,000 of federal Local Assistance funds to be exchanged for SHA funds. The purpose of the exchange is to fund local Highway Safety Improvement Program (HSIP) projects with State and local funds. The exchange will lead to increased efficiency for local agencies by reducing the time and resources needed to deliver HSIP projects.

[9]The Riverside County Transportation Commission (RCTC) and the San Bernardino County Transportation Authority (SBCTA) entered into a transfer agreement dated May 22, 2023, for RCTC to transfer $15,000,000 OA to SBCTA for the Interstate 15 Corridor Freight and Express Lans Project - Contract 1. The same amount of CMAQ apportionment will also be transferred and is reflected on RCTC's and SBCTA's Monthly CMAQ/STBGP Activity report.

[10]The Merced County Association of Governments (MCAG) and the San Joaquin Council of Governments (SJCOG) entered into a transfer agreement dated June 23, 2023, for MCAG to transfer $160,000 OA to SJCOG for the purposed of funding a shared ridesharing service. The same amount of CMAQ apportionment will also be transferred and is reflected on MCAG's and SJCOG's Monthly CMAQ/STBGP Activity report.

[11]Due to the Federal Corrective Actin Plan, ICTC, LAMTA, OCTA, RCTC, SBCTA, and VTC will be combined under SCAG starting July 1, 2023.

[12]In July, SCAG-Riverside FTA transfer FTACML-6052(011) totaling $4,500,000 was transferred using local Y601 apportionment and state OA.

[13]OFR agreed to let DLA and the local regions/programs go negative with OA in August in order to continue delivering projects. The overage is temporary and will be corrected when August Redistribution OA is included in the September 2023 report.

[14]In August 2023, SACOG and SCAG-OCTA obligated Y001 NHPP funds which were provided as loan repayments from FFY 2022 loans with the DLA Bridge Program. SACOG obligated $9,552,155 for CML-5475(038) and SCAG-OCTA obligated $5,420,508 for STPLN-6071(177). Both projects use regional OA.

Prepared by Megan Perasso
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September 8, 2023

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403		Panama Ln from Gosford Rd to Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,167,000	$5,836,440		1
Bakersfield	KER180507		White Ln from Wible Rd to Buena Vista Rd; installation of adaptive signal coordination	$0	$775,080	$875,500	Jan 2024	1
Bakersfield	KER180507		Stockdale Hwy from Renfro Rd to Coffee Rd; installation of adaptive signal coordination	$0	$336,768	$380,400	Jan 2024	1
Bakersfield	KER180507		H St from White Ln to Panama Ln, Panama Ln from Akers Rd to Parsons Wy; installation of adaptive signal coordination	$0	$509,048	$575,001	Jan 2024	1
Cal. City	KER180403	STPL-5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$0	$313,078	$541,389	Jan 2024	1
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$846,966	$956,700	Jan 2024	1
Delano	KER180403	STPL-5227(071)	Randolph St from Cecil Ave to 9th Ave and High St from Cecil Ave to Garces Hwy; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	done	3
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$0	$1,024,000	$1,038,000		1
Delano	KER211003	Cycle 5 MPO	ATP-5 Bike Lane and Sidewalk Gap Improvement Project	$120,000	$791,000	$925,000		3, 1
KCOG	KER220401		In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	Jan 2024	1
KCOG	KER220501		In Kern County: CommuteKern Rideshare Program	$0	$256,470	$289,699	Jan 2024	1
Kern Co.	KER180403		Kern County: Buena Vista Rd from South Fairfax Rd to Main St; 1 mile of road rehabilitation	$0	$1,600,000	$1,807,297		1
Kern Co.	KER220402		Kern County: Buena Vista Blvd from South Vineland Rd to South Edison Rd; reconstruct 1 mile of road by recompacting the subgrade and installing new road base	$0	$1,600,000	$1,807,297		1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$0	$965,910	$1,090,054		1
Kern Co.	KER180507		Kern County (Metro Bakersfield): Intersection of Snow Rd and Quail Creek Rd; Construct a traffic signal and ancillary facilities	$0	$626,174	$707,302		1
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$0	$3,061,415	$3,458,054		1
Kern Co.	KER191003	Cycle 4 Statewide	In Lake Isabella: Walk Isabella - Lake Isabella Blvd and Erskine Creek Rd; pedestrian and cyclist safety and accessbility improvements (CTC approved time extension to 6/30/2024)	$0	$4,286,000	$4,841,000		1
Kern Co.	KER231001		In Oildale: Norris Rd from Melody Ln to Airport Dr; construct sidewalk; Norris Rd from Airport Dr to N. Chester Ave; construct pedestrian accessbility and crossing improvements	$1,059,000	$0	$1,059,000		1
McFarland	KER220403	STPL-5343(020)	Intersection of W. Perkins and 3rd St; improve safer communte and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$0	$346,601	$391,507		1
Ridgecrest	KER180403	STPL-5385(075)	W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$1,088,192	$1,339,139	done	3
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$252,000	$531,650		1
Taft	KER220503	CML-5193(045)	550 Supply Rd; Install charging infrastructure and solar microgrid	$0	$2,726,626	$3,079,890		1
NOTES	Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved. 2a. Allocation request to CTC. A. Amendment pending							

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$0	$314,746	$355,525	done	3
Tehachapi	KER211005	Cycle 5 MPO	SRTS Dennison Road Bicycle / Pedestrian Corridor Improvement project (CTC approved time extension to 2/28/2025)	$0	$2,087,000	$2,087,000		1
Tehachapi	KER231008	Cycle 6 MPO	In Tehachapi: Northside of West Valley Blvd between Oakwood St and Curry St and Mill S between Valley Blvd and Tehachapi Blvd; install sidewalk, curb, gutter, curb ramps, improve corsswalks, and install Class II bicycle lane on Northside of Valley Blvd and on Mill St	$65,000	$0	$65,000		1
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$0	$691,204	$780,757		1
Wasco	KER180507	CML-5287(062)	Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$0	$308,994	$349,028		1
Wasco	KER231009	Cycle 6 MPO	In Wasco: East side of Central Ave from 1310' north of Filburn St to Via Morocco Blvd and between Bettis Ave and SR 46; install Class I and Class II bicycle trails, ADA curb ramps, drive approaches, and related pedestrian and landscaping improvements	$5,000	$0	$5,000	August for October CTC	2a

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

KERN EV CHARGING STATION BLUEPRINT 2024

THE 2024 KERN ELECTRIC VEHICLE CHARGING STATION BLUEPRINT WILL:

- Report on the implementation of the 2019 Kern EVCS Blueprint and the current inventory of EV charging infrastructure in Kern County
- Revisit the goals and strategies to develop a 5-year plan for the deployment of EV charging stations for light-duty vehicles
- Identify projects for local agencies and businesses to submit for funding opportunities

EL PROYECTO DE ESTACIÓN DE CARGA DE VEHÍCULOS ELÉCTRICOS DE KERN PARA 2024:

- Informará sobre la implementación del Plan Kern EVCS de 2019 y el inventario actual de la infraestructura de carga de vehículos eléctricos en el condado de Kern
- Revisará los objetivos y estrategias para desarrollar un plan de 5 años para el despliegue de estaciones de carga de vehículos eléctricos para vehículos ligeros
- Identificar proyectos para que agencias y empresas locales los presenten para oportunidades de financiamiento

We need your input regarding electric vehicle charging in our community!

¡Necesitamos su opinión sobre las estaciones de carga de vehículos eléctricos en nuestra comunidad!

TINYURL.COM/KERNEVCS

THIS PROJECT IS A COLLABORATION BETWEEN KERN COUNCIL OF GOVERNMENTS AND THE CALIFORNIA ENERGY COMMISSION.
ESTE PROYECTO ES UNA COLABORACIÓN ENTRE KERN COUNCIL OF GOVERNMENTS Y LA COMISIÓN DE ENERGÍA DE CALIFORNIA.

KERN ACTIVE TRANSPORTATION ALLIANCE

Kern Council of Governments

SEPTEMBER/OCTOBER COMMUNITY RIDES

JOIN US FROM 6:00PM-7:00PM FOR A FAMILY-FRIENDLY, ALL-AGES CRUISE AROUND YOUR COMMUNITY.

Sept 21st, Shafter, Tony's Pizza
Sept 23rd, California City, Balsitis Park
Sept 26th, Maricopa, City Hall
Sept 28th, Lost Hills, Rec Center
Oct 4th, Kern River Valley, Isabella Coffee
Oct 6th, Lost Hills, Rec Center
Oct 7th, Arvin, Las Palmas Park
Oct 11th, Lamont, Library
Oct 13th, Delano, Library
Oct 14th, Buttonwillow, Library
Oct 18th, McFarland, Library
Oct 20th, Rathbun, Library
Oct 21st, Taft, Library
Oct 24th, Shafter, Tony's Pizza
Oct 26th, California City, Balsitis Park
Oct 27th, Maricopa, City Hall
Oct 28th, Wasco, Library

STOP BY BIKEBAKERSFIELD.ORG FOR ROUTE INFO

AGENDA
KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

WEDNESDAY, NOVEMBER 1, 2023 AT 10:00 A.M.

PRIMARY MEETING LOCATION:	**SECONDARY MEETING LOCATIONS (for Teleconference):**
Kern Council of Governments, Board Room **1401 19th Street, Suite 300** **Bakersfield, CA 93301**	**City of California City – City Hall** **21000 Hacienda Blvd** **California City, California 93505**
TTAC GoToMeeting Information (Teleconference): https://www.gotomeet.me/KernCOG/ttacmeeting Dial +1 (786) 535-3211 Access Code: 269-963-557 New to GoToMeeting? Get the app now and be ready when your first meeting starts: https://global.gotomeeting.com/install/269963557	

I. ROLL CALL:

II. PUBLIC COMMENTS: This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

Disabled individuals who need special assistance to attend or participate in a meeting of the Transportation Technical Advisory Committee may request assistance at 1401 19th Street, Suite 300; Bakersfield CA 93301 or by calling (661) 635-2900. Every effort will be made to reasonably accommodate individuals with disabilities by making meeting material available in alternative formats. Requests for assistance should be made at least three (3) working days in advance whenever possible.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of October 4, 2023; ROLL CALL VOTE.

IV. FY 2023-24 KERN REGION ESTIMATED SB 125 TRANSIT OPERATIONS AND CAPITAL PROJECT POPULATION-BASED APPORTIONMENT: $51,329,661 (Snoddy)

Comment: As of the writing of this staff report the following transit providers have yet to provide required documentation necessary to allow distribution of their share of $5.1 billion statewide in one-time transit funding to be provided over 2 fiscal years to help transit services recover from record-low ridership caused by the pandemic. These agencies are Cities of Arvin, Delano, McFarland, Ridgecrest, Shafter, Taft, and Wasco.

Action: SB 125 Transit eligible member agencies **must submit** to Kern COG staff the three required documents **by Friday, November 3, 2023**: Current Transit Asset Management (TAM) Plan, FY 2022 National Transit Database record and a Four-Year TIRCP/ZETCP Financial Plan with project narration.

V. **SUSTAINABLE COMMUNITIES GRANTS/COG ASSISTANCE REQUESTS-GRANTFINDER SOFTWARE - STATUS REPORT** (Campbell)

Comment: The 2022 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) includes a strategy to provide sub regional feedback on SB 375 travel reduction goals and provide technical assistance and grant writing assistance to help sub areas of the County that need it most.

Action: Information.

VI. **PROPOSED MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEM** (Flickinger)

Comment: During the May 31, 2023 TTAC meeting, a referral was made to staff to research and propose a voluntary multi-jurisdictional pavement management system program for interested local agencies. As of the writing of this staff report, 3 agencies are exploring such a program further: California City, Delano & Wasco.

Action: Recommend to the Transportation Planning Policy Committee that Staff finalize a multi-agency agreement with the participating agencies and propose funding in the FY 26-27 RSTP cycle with a planned request to deliver 1-year early if funding from outside the region is available.

VII. **SECOND LOOK: LONG RANGE TRANSPORTATION PLAN PROJECT LISTING REVISIONS SUMMARY** (Ball)

Comment: Development of the 2026 Regional Transportation Plan (RTP) requires the review and update of the RTP Capital Improvement Program (CIP), a 20+ year transportation project listing for the long-range transportation plan available at https://www.kerncog.org/category/docs/rtp/.

Action: Recommend that the Transportation Planning Policy Committee approve use of the draft list of constrained transportation projects to begin environmental and performance measure analysis, to be brought back for consideration in the Draft 2026 Regional Transportation Plan.

VIII. **PROJECT DELIVERY POLICY LETTERS – TDA Article 3** (Snoddy)

Comment: Per the "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview," project delivery letters are **due January 12, 2024,** for Transportation Development Act (TDA) projects.

Action: Information.

IX. **PROJECT DELIVERY POLICY LETTERS – ATP, CMAQ, RSTP** (Valle)

Comment: Per the "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview," project delivery letters are **due January 12, 2024** for Active Transportation Program (ATP), Congestion Mitigation Air Quality (CMAQ), and Regional Surface Transportation Program (RSTP) projects.

Action: Information.

X. **2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM** (Pacheco)

Comment: Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California

Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

Action: Recommend adoption of the 2024 RTIP Capital Improvement Program to the Transportation Planning Policy Committee as shown in Attachment A.

XI. CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – WORKSHOP FOLLOW-UP (Pacheco)

Comment: Nineteen CMAQ applications are under review. Kern COG to provide the latest updates.

Action: Information.

XII. CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – FUNDING REQUEST (Pacheco)

Comment: Kern COG staff has received a request for CMAQ Program funds. Kern COG staff has reviewed options for the CMAQ funding available.

Action: Request for Transportation Technical Advisory Committee recommendation to the Transportation Planning Policy Committee.

XIII. ANNOUNCEMENTS

a. Kern County Electric Vehicle Public Charging Spaces by Zip Code – November Report (attachment)

XIV. MEMBER ITEMS

XV. ADJOURNMENT – The next meetings will be held on December 1, 2023 (may be dark) and January 3, 2024.

KERN COUNCIL OF GOVERNMENTS
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE AND
CONGESTION MANAGEMENT AGENCY TECHNICAL ADVISORY COMMITTEE

DISCUSSION SUMMARY FOR OCTOBER 4, 2023

KERN COG BOARD ROOM/GO TO MEETING
1401 19th Street, Suite 300
BAKERSFIELD, CALIFORNIA

Wednesday
October 4, 2023
10:02 A.M.

SECONDARY MEETING LOCATIONS
(Teleconference):

- City of California City – City Hall 21000 Hacienda Blvd California City, CA 93505
- City of Taft – City Hall 209 E. Kern Street Taft, CA 93268

Chairman Schlosser called the meeting to order at approximately 10:02 a.m. A roll call was conducted by Ms. Invina-Jayasiri for attendance.

I. ROLL CALL

MEMBERS PRESENT:	Christine Viterelli	City of Arvin
	Luis Topete	City of Bakersfield
	Anu Doravari	City of California City
	Ed Galero	City of Delano
	Paul Saldana	City of McFarland
	Yolanda Alcantar	County of Kern
	Travis Reed	City of Ridgecrest
	Alex Gonzalez	City of Shafter
	Craig Jones	City of Taft
	Jay Schlosser	City of Tehachapi
	Kameron Arnold	City of Wasco
	Steve Barnes	GET
	Lorena Mendibles	Caltrans
OTHER:	Gregg Strakaluse	City of Bakersfield
	Joe Barragan	City of California City
	Ricardo Perez	GET
	John Pinckney	Inyo County
	Justine Kokx	Inyo County
	Andrea Nason	Caltrans
	Braden Duran	Caltrans
	Rick Franz	Caltrans
STAFF:	Ahron Hakimi	Rob Ball
	Bob Snoddy	Rochelle Invina-Jayasiri
	Raquel Pacheco	Irene Enriquez
	Becky Napier	Victoria Romero Valdivia
	Angie Banuelos	Ceasar Valle
	Ed Flickinger	

II. **PUBLIC COMMENTS:** This portion of the meeting is reserved for persons to address the Committee on any matter not on this agenda but under the jurisdiction of the Committee. Committee members may respond briefly to statements made or questions posed. They may ask a question for clarification; make a referral to staff for factual information or request staff to report back to the Committee at a later meeting. SPEAKERS ARE LIMITED TO TWO MINUTES. PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD PRIOR TO MAKING A PRESENTATION.

No public comments.

III. **APPROVAL OF DISCUSSION SUMMARY:** Minutes from meeting of October 4, 2023

There were no comments or questions from the committee members. Mr. Barnes made a motion to approve the discussion summary; Ms. Alcantar seconded the motion. Ms. Invina-Jayasiri performed a roll call vote, and the motion was carried unanimously.

IV. **FY 2022-23 TDA STREETS & ROADS CLAIM – CITY OF DELANO**

Ms. Banuelos reported that KCOG staff received the City of Delano's fiscal year 2022-2023 streets and roads claim of $620,346. This claim was evaluated in accordance with the following criteria: 1) Conformance with the Regional Transportation Plan; 2) Participation in the California Driver Pull Notice Program; 3) Adherence to the applicable farebox return ratio; and 4) Compliance with PUC Section 99314.6 Operations qualifying Criteria.

Staff asked for the committee to review the claim and recommend approval to the Transportation Planning Policy Committee. Mr. Saldana made a motion to approve action; Mr. Galero seconded the motion. Ms. Invina-Jayasiri performed a roll call vote, and the motion was carried unanimously.

Mr. Reed arrived during this discussion.

V. **TRANSPORTATION DEVELOPMENT ACT AUDIT COMPLIANCE BY MEMBER AGENCIES**

Ms. Napier reported that KCOG recently had a Triennial Performance Audit (Audit) prepared as the Regional Transportation Planning Agency (RTPA), and the twelve transit operators to which it allocated TDA funding for the three-year period ending June 30, 2021. Moore and Associates was selected to complete the Audit. It was found that several operators within KCOG's jurisdiction were delinquent in their TDA fiscal audits or submitted the audits late. The audits that are complete are CTSA/NOR, Tehachapi, Ridgecrest, California City, and Delano. Arvin and Kern County's were also received. Audits that are in progress are Bakersfield and Wasco, which should be completed by the end of October. Maricopa and Taft need to send their information, as Brown Armstrong is still working on their audits for previous years. Brown Armstrong is in contact with the City of McFarland and work is in progress on FY 2018 and 2019. These are expected to be caught up this year.

Mr. Reed asked for clarification whether the consequence of not receiving funding is only applicable to the agencies that are non-compliant with completing their audits on time, which was confirmed by Ms. Napier. Mr. Saldana, Mr. Arnold, Mr. Gonzalez, Mr. Topete, and Mr. Reed asked about the status of their audits and what is needed to have them completed.

Ms. Napier ends with the consequences that come with not having TDA audits completed through 2021-22.

This item is for information only.

VI. **PROPOSED MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEM**

Mr. Flickinger shared that there were some jurisdictions that were unable to respond to the survey due to the lack of resources that their agencies possessed. To avoid this from happening in the future, there is a suggestion of implementing Pavement Management System (PMS). This system could help maintain proper road conditions and stretch limited road maintenance funds. Many jurisdictions already use the PMS system, Streetsaver. Another survey conducted for the need of a PMS which showed eight of twelve local jurisdictions expressed initial interest in a regional PMS program, but all jurisdictions still have the option to participate. There were three attachments provided in the staff report: Local Jurisdiction interview summaries, a draft MOU, and a draft RFP. Member agencies were given two options from which they may choose which would be the best strategy to fund the PMS.

Mr. Schlosser inquired about the amount of RSTP funds they may be receiving, which was $12.2 million every two years. Mr. Ball also chimed in with reassuring the Chairman that there are ways that the funding will not be affected by the purchase of this program. Some member agencies preferred that the PMS would be able to analyze data and requested that Kern COG would have more options for them by the next meeting. Agencies were able to voice whether they would be interested in utilizing their RSTP funds to fund PMS.

Kern COG staff asked each interested jurisdiction to provide feedback to staff on the attachments provided and if they would consider participating by October 17, 2023.

Ms. Doravari and Mr. Barragan arrived during this item.

VII. SUSTAINABLE 2026 REGIONAL TRANSPORTATION PLAN - CAPITAL IMPROVEMENT PROGRAM UPDATE

Mr. Ball stated that we are in the beginning stages of creating the Capital Improvement Program of the Regional Transportation Plan. This is a long-range plan of projects which may be eligible to be funded by the federal and state government. Mr. Ball urges that member agencies look at the attachment provided in the staff report, specifically in tables 5.1 and 5.2. Mr. Reed inquired if Bike Routes under the AHSC grant should be listed as well if they are not urgent. Mr. Ball confirmed by stating that all projects, no matter how critical or non-critical, should be listed under this CIP list. This would be a great form to show the government the efforts being made to improve our communities.

Mr. Ball asked the TTAC committee to provide staff with comments or adjustments on the Draft 2026 Capital Improvement Plan project listing – Tables 5.1 and 5.2, and Kern County Subarea Summary by October 17, 2023.

Mr. Perez arrived during this discussion.

VIII. FY 2023-24 KERN REGION ESTIMATED TRANSIT AND INTERCITY RAIL CAPITAL PROGRAM (TIRCP) CALL FOR PROJECTS $46,453,489

Mr. Snoddy announced that the final guidelines for the Transit and Intercity Rail Capital Program (TIRCP). The guidelines describing the projects eligibility for the TIRCP are available at CALTRANS SB 125 pages 8,9, and 10. There will be a call for projects for the November TTAC meeting and then these projects will be adopted for submission to CALSTA for the November TTPC meeting. There should be a focus on the estimated budget provided as a goal to help decide on what projects to provide. Member agencies must have internal discussions about the four-year project funding.

This item is for information only. However, Mr. Snoddy asked member agencies to identify two years TIRCP projects and two more years for ZETCP this way there are four-year program of projects adopted by the November TPPC meeting with the estimated money.

IX. FY 2023-24 KERN REGION ESTIMATED ZERO EMISSION TRANSIT CAPITAL PROGRAM (ZETCP) $5,057,036

Mr. Snoddy informed the committee that the ZETCP focuses on infrastructure plan that has to do with EV's or Hydrogen and the vehicle purchases. There is already a Kern County alternative Transportation Plan that Kern COG funded in 2020. It included a capital plan and a narration to help meet the qualifications of this program. This plan is found on Kern COG's website. Each member agency will decide on one project that qualifies for the ZETCP that will be recommended and supported by Kern COG on the CALSTA allocation package.

This item was for information only.

X. MOBILITY INNOVATIONS AND INCENTIVES PROGRAM - STATUS REPORT

Ms. Enriquez informed the committee of Linda Urata's retirement. She provided an update of where Ms. Urata left off in each work element. During October 10th – November 12th, the Spectrum Digital will run an online campaign to promote the EV Charging Station Blueprint, on October 14th "The Best Drive Ever" will be held at the Bakersfield Auto Mall, and the Safe Routes for Cyclists in Kern Disadvantaged Communities monthly bike rides and stakeholder meetings will be taking place as well. Ms. Enriquez ended her presentation with informing the committee that she will be taking care of the work elements Ms. Urata oversaw.

This item was for information only.

XI. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

Ms. Pacheco reported Kern COG staff is circulating the Draft 2024 RTIP Capital Improvement Program in Attachment F of the staff report. There have not been any changes since the Administrative Draft presented at the August 23rd and September 13th workshops. In November, staff will be requesting a recommendation for approval.

This item is for information only.

XII. FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP) AMENDMENT – TIMELINE

Ms. Pacheco provided information on the upcoming amendment to the 2023 FTIP which will include revisions to the Non-motorized Program. The amendment documentation will be emailed to the TTAC when the public review period begins October 6th.

This item was for information only.

XIII. CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – SUMMARY OF COMMENTS AND RESPONSES

Ms. Pacheco informed the committee Kern COG and TTAC comments were circulated to respective applicants. A summary of comments and responses was prepared, posted to the Kern COG website, and a meeting invitation was sent to the TTAC and CMAQ applicants via email October 4, 2023. Applicant responses will be discussed at the TTAC peer review workshop on October 11th at 10:00 AM. If you are a CMAQ applicant and cannot attend the workshop, please make sure to invite a representative that can answer project questions.

Two attachments were provided as part of the staff report. 1. A letter was received from the City of Bakersfield to address revisions to the resolution template narrative. 2. A Draft CMAQ Obligation Report for the last four cycles. At the discretion of the TTAC Chairman, we can either have a discussion now regarding these two attachments or save the discussion for the workshop.

This item is for information only. Discussion of the attachments will occur during the October 11th workshop.

XIV. PROJECT DELIVERY LETTERS – ATP, CMAQ, RSTP

Ms. Pacheco stated per the Kern COG Project Delivery Policies and Procedures, projects in the current fiscal year need to be submitted for funding authorization by January 31st. If agencies plan to submit projects for funding authorization beyond January 31st, lead agencies are asked to submit a letter with a revised submittal schedule. Kern COG staff is requesting that the TTAC consider a change to the protocol for the project delivery letter. Option 1: require that the project delivery letter be signed by the City Manager or Public Works Director. Option 2: do nothing.

The action requested is that the Transportation Technical Advisory Committee recommend that the Transportation Planning Policy Committee require the Project Delivery letter be signed by the City Manager or Public Works Director.

Motion was revised to "require the Project Delivery letter be signed by the City Manager or Department Head. Motion by Mr. Saldana and seconded by Ms. Viterelli. Ms. Invina-Jayasiri performed a roll call vote, and the motion was carried unanimously.

XV. PROJECT ACCOUNTABILITY TEAM REPORT

Ms. Pacheco provided the project accountability team report highlights which include: The August Caltrans Local Assistance Delivery report showed 157.6% delivery for CMAQ and RSTP in the Kern region. Since then, Delano received approval for their RSTP project bringing the Kern region to 161.1%.

This item was for information only.

XVI. ANNOUNCEMENTS

a. Ms. Invina-Jayasiri discussed the 2024 EV Charging Station Blueprint Update and online survey (flyer)
b. Ms. Invina-Jayasiri discussed the upcoming community rides for the ATP – Safe Routes for Cyclists in 13 Kern County Disadvantaged Communities – October Community Rides (flyer)
c. Mr. Ball discussed KARGO C-CAMS - Kern COG received a Sustainable Communities Climate-Change Adaptation Grant from Caltrans for $3M for a county-wide goods movement study titled the Kern Area Regional Goods-movement Operations (KARGO) Climate-Change Adaptation Mitigation Study (C-CAMS). It's the largest in the state under this program and will start with a Request for Proposals (RFP) process this Fall. Please let staff know of any local qualified consultants that can provide "30% conceptual design" for goods movement climate adaption/resiliency projects that may be interested in submitting a proposal.

XVII. MEMBER ITEMS

- Ms. Mendibles announced that Caltrans has a call for projects since there are similar grants that have been awarded. There will be an email sent out about a partner workshop with Caltrans Districts 9 and 6 in Fresno.
- Mr. Saldana announced that he will be asking the City Council of McFarland for the removal of an ordinance that has been in place since 1972 which makes it illegal to ride a bike in the City of McFarland without a license.

XVIII. ADJOURNMENT – Meeting adjourned at 11:27 A.M. The next meeting will be held on November 1, 2023.

Kern Council of Governments

IV.
TTAC

November 1, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: IV.
FY 2023-24 KERN REGION ESTIMATED SB 125 TRANSIT OPERATIONS AND CAPITAL PROJECT POPULATION-BASED APPORTIONMENT: $51,329,661

DESCRIPTION:

As of the writing of this staff report the following transit providers have yet to provide required documentation necessary to allow distribution of their share of $5.1 billion statewide in one-time transit funding to be provided over 2 fiscal years to help transit services recover from record-low ridership caused by the pandemic. These agencies are Cities of Arvin, Delano, McFarland, Ridgecrest, Shafter, Taft, and Wasco.

DISCUSSION:

SB 125 (Chapter 54, Statutes of 2023) guides the distribution of $4 billion in state General Funds through the Transit and Intercity Rail Capital Program (TIRCP) on a population-based formula to regional transportation planning agencies, which will have the flexibility to use the money to fund transit operations or capital improvements. Kern COG staff estimates that SB 125 Transit funds will be apportioned over five consecutive years. However, Kern COG and member agencies are required to provide a four-year financial plan that illustrates how the funds will be spent in the fiscal year.

The transportation bill also establishes the $1.1 billion Zero-Emission Transit Capital Program (ZETCP) to be allocated to regional transportation planning agencies on a population-based formula and another formula based on revenues to fund zero-emission transit equipment and operations. SB 125 includes an accountability program to govern the distribution of these funds, on which there is more detail below.

Eligible recipients of funding are the Regional Transportation Planning Agencies (RTPAs), as defined in Section 13987(j) of the Government Code. Kern COG is the RTPA for Kern County. Funding distributions will only be made to the RTPAs, using fund transfer instructions confirmed with CalSTA by the RTPA prior to transfer, which may in turn make funding available to public agencies in their jurisdiction. RTPAs have the discretion to suballocate or redistribute funds within their region based on local needs, existing procedures, policies or priorities, if required SB 125 program requirements and goals are met, including addressing how operating needs are expected to be met with SB 125 and/or other resources. **Funds should be apportioned to Kern COG between December 31, 2023, and April 2024.**

To receive SB 125 Transit funds, Kern COG staff must prepare and submit an Apportionment Package that publishes on its website eligible member agency Transit Asset Management Plans (TAM Plans), eligible member agency FY 2022 National Transit Database (NTD) reports, and finally, each eligible member agency must prepare and submit to Kern COG staff a four-year narrated financial plan that lists how the SB 125 Transit funds will be spent (Operations, Capital projects, or a combination of both). **To be eligible for funding, each eligible member agency must submit all required documents by Friday, November 3, 2023.** Member agencies that submit the required documents by the November 3, 2023, date will be attached to Kern COG's Apportionment Package for CalSTA staff's review and approval. Eligible member agencies that fail to make the required documents submission by the November 3, 2023, deadline will be recorded and filed by Kern COG staff.

Kern COG will have two options to apportion TIRCP and ZETCP SB 125 Transit funds to its eligible member agencies. Methods to allocate SB 125 Transit funds to eligible member agencies are listed below:

1. Kern COG staff will apportion TIRCP and ZETCP funds to those eligible member agencies that submit the required documents by the November 3, 2023, deadline.

2. Kern COG may prepare a second call for projects for funds of eligible member agencies that are unable to provide Kern COG staff with the required documents.

Kern COG staff will bring the above two choices back to the Kern COG Transportation Technical Advisory Committee and Transportation Planning Policy Committee for action in January 2024. Either way Kern COG will set up a separate and interest-bearing account to hold in reserve an eligible member agency's apportionment schedule until the required documents are submitted or the call for projects is awarded.

Kern COG staff received an apportionment estimate from Caltrans staff for the Kern Region for the Transit and Intercity Rail Capital Program (TIRCP). Caltrans will administer the TIRCP funding program in two accounts: 99313 (Kern COG Regional) and 99314 (Agency only) like the Proposition 1B program. **The SB 125 Transit Final Guidelines may be accessed at https://calsta.ca.gov/-/media/calsta-media/documents/sb125-final-guidelines-comparison-document-a11y.pdf .**

TIRCP Objectives

The TIRCP was created to fund transformative capital improvements that modernize California's intercity rail, bus (including feeder buses to intercity rail service, as well as vanpool and micro-transit services that are eligible to report as public transit to the Federal Transit Administration), to achieve all of the following policy objectives, as codified in Section 75220(a) of the Precythe rail service of the state's various rail operations, including integration with the high-speed rail system.

1. Reduce emissions of greenhouse gases
2. Expand and improve transit service to increase ridership
3. Integrate the rail service of the state's various rail operations, including integration w/ the HSR system
4. Improve transit safety

Further, as outlined in SB 125, which amended the Budget Act of 2023, it is the intent of the Legislature to:

1. Provide one-time multiyear bridge funding for transit operators to address operational costs until long-term transit sustainability solutions are defined. The availability of transit for riders who are transit dependent.

2. Assist transit operators in preventing service cuts and increasing ridership.
3. Prioritize the availability of transit for riders who are transit dependent.
4. Prioritize transit agencies representing a significant percentage of the region's ridership.

To that end, SB 125 specifies that the monies appropriated in the Budget Act of 2023 may be used either for high-priority transit capital projects or, subject to compliance with requirements described in Section 6 of the guidelines, to use those moneys to fund transit operating expenses within its jurisdiction in response to transit hardships (addressing the transit operational deficits due to ridership loss impacts lingering from the pandemic).

TIRCP Eligibility

Eligibility for TIRCP tracks with the existing competitive program: rail capital projects (including acquisition of rail cars and locomotives, that expand, enhance, and improve existing systems connectivity): intercity, commuter, and urban rail that increases service levels, improve reliability, or decrease travel times; rail, bus, and ferry integration; and bus rapid transit and other bus and ferry investments that increase ridership and reduce GHG emission. CalSTA will apportion TIRCP funds to Kern COG in two consecutive payments of $46,278,687 during FY 2023-24 and $46,394,777 in FY 2024-25.

TIRCP Draft FY 2023-24 Regional Apportionment Schedule

	Population	Apportionment %	99313	99314	Total Apportionment
Arvin	22,014	2.4110%	$1,039,830	$68,733	$1,115,796
California City	14,120	1.5465%	$666,958	$44,086	$715,683
Delano	51,070	5.5933%	$2,412,289	$159,453	$2,588,522
GET	552,749	60.5387%	$26,109,072	$1,725,817	$28,016,505
McFarland	14,044	1.5381%	$663,368	$43,849	$711,831
Ridgecrest	29,591	3.2409%	$1,397,729	$92,390	$1,499,842
Shafter	20,448	2.2395%	$965,860	$63,844	$1,036,422
Taft	7,142	.7822%	$337,352	$22,299	$361,998
Tehachapi	12,008	1.3152%	$567,197	$37,492	$608,635
Wasco	26,815	2.9369%	$1,266,605	$83,723	$1,359,139
Kern Transit	163,050	17.8577%	$7,701,659	$509,082	$8,264,314
Kern COG			$300,000	$0	$300,000
Regional TIRCP Total			**$43,427,920**	**$2,850,767**	**$46,278,687**

ZETCP Eligibility

Funds may be allocated for funding zero-emission transit equipment, including, but not limited to, zero-emission vehicles and refueling infrastructure; and funding transit operation expenditures that prevent service reduction or elimination in order to maintain or increase transit ridership (if consistent with an approved regional short-term or long-term financial plan.)

ZETCP Use

Projects may include new approaches to attracting increased ridership such as smart mobile ticketing, contactless payment, or other software and hardware solutions to reduce ticketing transaction costs, or a test of a concept related to integrated ticketing, as well as intercity rail/transit effectiveness or operational planning as a component of the capital investments in improved, expanded and or restructure service designed to cost-effectively increase ridership.

Pursuant to SB 125, clean fleet, facility, and network improvement projects that support agencies replacing aging vehicle fleets with Zero Emission Vehicles (ZEVs), and associated fueling or charging infrastructure or facility modifications, are also eligible under the Zero-Emission Transit Capital Program. ZETCP funds will be apportioned by CalSTA in four annual payments: FY 2023-24 $5,050,974, FY 2024-25 $2,833,473, FY 2025-26 $106,224,857, and FY 2026-27 $106,224,857.

ZETCP Draft FY 2023-24 Regional Apportionment Schedule

	Population	Apportionment %	99313	99314	Total Apportionment
Arvin	22,014	2.4110%	$113,114	$7,461	$121,927
California City	14,120	1.5465%	$72,552	$4,785	$78,204
Delano	51,070	5.5933%	$262,411	$17,309	$282,856
GET	552,749	60.5387%	$2,840,173	$187,358	$3,061,469
McFarland	14,044	1.5381%	$72.162	$4,759	$77,783
Ridgecrest	29,591	3.2409%	$152,046	$10,029	$163,892
Shafter	20,448	2.2395%	$105,067	$6,930	$113,253
Taft	7,142	.7822%	$36,698	$2,420	$39,557
Tehachapi	12,008	1.3152%	$61,700	$4,070	$66,509
Wasco	26,815	2.9369%	$137,783	$9,089	$148,518
Kern Transit	163,050	17.8577%	$837,795	$55,263	$903,068
Kern COG			$50,000		$50,000
Kern Region Total	**$5,050,974**		**$4,741,501**	**$309,473**	**$5,050,974**

Kern COG will be apportioned $350,000 (or $70,000 per year over the four-year program schedule) to administer the program for FY 2023-24 through FY 2027-28 (combined TIRCP and ZETCP program funds). During the four-year period, Kern COG staff will maintain SB 125 Transit required documents on its website, manage apportionment funds in separate, interest-bearing accounts, participate in program audits, and prepare required project monitoring reports. For further information, contact Bob Snoddy at 661-635-2916, 661-477-2205 (cellphone) or email bsnoddy@kerncog.org.

ACTION: SB 125 Transit eligible member agencies **must submit** to Kern COG staff the three required documents **by Friday, November 3, 2023**: Current Transit Asset Management (TAM) Plan, FY 2022 National Transit Database record and a Four-Year TIRCP/ZETCP Financial Plan with project narration.

Kern Council of Governments

VI.
TTAC

November 1, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rob Ball, Planning Director
Ed Flickinger, Regional Planner III

SUBJECT: TTAC AGENDA ITEM: VI
PROPOSED MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEM

DESCRIPTION:

During the May 31, 2023 TTAC meeting, a referral was made to staff to research and propose a voluntary multi-jurisdictional pavement management system program for interested local agencies. As of the writing of this staff report, 3 agencies are exploring such a program further: California City, Delano & Wasco.

DISCUSSION:

Background - The 2022 results of the biennial Statewide Local Streets and Roads survey were presented at the May 31, 2023 TTAC. The survey showed a slight decrease in pavement condition from the prior survey 2 years earlier, however some of the jurisdictions lacked staff resources to fully respond to the survey. Preventive maintenance is crucial to roadway and bridge longevity. More information can be found on http://www.savecaliforniastreets.org along with the 2022 report and previous reports. To get more accurate and consistent survey responses and tracking data, a Pavement Management System (PMS) could be implemented to help maintain proper road conditions and stretch limited road maintenance funds. This is especially important for smaller jurisdictions with high staff turnover rates.

Potential Participants – During the October 4, 2023 TTAC meeting Kern COG staff their regional PMS proposal. Three out of 12 local jurisdictions responded to a follow up email by the October 18, 2023 requested deadline, and want to explore participation in a Kern COG led regional contract for a PMS similar to the 9 local jurisdictions that participated in the Local Roads Safety Plans regional agreement and contract. It is possible for additional jurisdictions to still be added if interested.

A Draft Multi-Jurisdictional Agreement is included as Attachment 1 and a Draft Request for Proposal (RFP) is included as Attachment 2. The draft scope of work was taken from the consultant that performed a multi-jurisdictional PMS project administered by Fresno COG, in which 9 of their 16 jurisdictions participated. The following jurisdictions are currently exploring participating in a regional PMS program: **California City, Delano,** and **Wasco**. A PMS cost estimate per task list was sent to each jurisdiction. Staff requested each jurisdiction to choose the tasks that they needed and if they wanted a 1 year or 5 year term in the contract. The following cities chose the listed tasks in Table 1 (The full task description is listed in the attached RFP).

Table 1 – Participating Agencies chosen tasks

Task	Participating Agencies
1. Kickoff Meeting and Project Coordination	Delano, Wasco
2. Pavement Condition Surveys and Database Development	
Opt 1 - Automated Survey*	Wasco
Opt 2 - Hybrid Survey*	Cal City, Delano
3. StreetSaver Database Setup	Cal City, Delano, Wasco
4. Data Entry and PCI Calculation*	Cal City, Delano, Wasco
5. M&R Strategies and Decision Tree*	Cal City, Delano, Wasco
6. Budgetary Analysis and Report*	Cal City, Delano, Wasco
7. Training and User Manual	Cal City, Delano, Wasco
8. Presentations	Delano, Wasco
9. GIS Integration with StreetSaver	Cal City, Delano, Wasco

(For Task 2, Option 1 is an automated survey, but this requires an up to date and accurate GIS shapefile. Option 2 will include manual surveys if they are not available.)

*Task cost based on centerline miles (Originally based on 531.03 centerline miles)

The cost estimate by city for chosen tasks are listed in Table 2.

Table 2 – PARTICIPATING AGENCIES: Estimate Cost of Tasks Chosen Assuming a 1-Year Implementation

AGENCY	FY 26/27 RSTP Contribution	Non-State Match 11.47%	Total Cost estimate for agency's chosen tasks
CALIFORNIA CITY	$ 58,942.93	$ 7,636.68	$ 66,579.61
DELANO	$ 52,805.86	$ 6,841.56	$ 59,647.42
WASCO	$ 30,146.79	$ 3,905.84	$ 34,052.63
TOTAL	$ 141,895.58	$ 18,384.08	$ 160,279.66

Table 3 – NON-PARTICIPATING AGENCIES: Estimated Cost to Add Other Agencies NOT Currently Participating (Assumes all tasks requested & 1-year Implementation)

AGENCY	FY 26/27 RSTP Contribution	Non-State Match 11.47%	Total Cost estimate for agency's chosen tasks
ARVIN	$ 24,791.01	$ 3,211.94	$ 28,002.95
BAKERSFIELD	$ 394,979.10	$ 51,173.73	$ 446,152.83
MARICOPA	$ 13,255.49	$ 1,717.39	$ 14,972.88
MCFARLAND	$ 21,495.15	$ 2,784.92	$ 24,280.07
RIDGECREST	$ 46,156.35	$ 5,980.04	$ 52,136.39
SHAFTER	$ 49,815.35	$ 6,454.11	$ 56,269.46
TAFT	$ 24,177.49	$ 3,132.45	$ 27,309.94

TEHACHAPI	$ 28,086.88	$ 3,638.95	$ 31,725.83
UNICORP. KERN	$ 1,227,954.48	$ 159,094.52	$ 1,387,049.00
TOTAL	$ 1,830,711.30	$ 237,188.06	$ 2,067,899.35

Potential RSTP Funding Source - Staff proposes that the funding come from each participating jurisdiction's estimated Regional Surface Transportation Program (RSTP) funds fair share funds via the next cycle competitive call for projects application process in FY 26/27. Kern COG will invoice each jurisdiction the full amount including match, prior to signing the contract. RSTP funding will not become available till the next cycle in FY26/27. But since the funding is needed earlier, we plan to submit the request 1-year early so that it might not count against our region's share of RSTP. If funding is requested annually, requesting the funds 1-year early could be done each year. However, if the program does not expend its RSTP 1-year early, it would count against the region's RSTP share in the next fiscal year. For any RSTP application, an 11.47% local match of non-state funds is required. These funds will need to be provided by each participating local jurisdiction.

By improving road conditions in all participating jurisdictions, the cost to maintain roads in that jurisdiction should decrease over time as fewer roadways need to be re-built, potentially stretching the limited RSTP funds available for road maintenance.

Term of Contract – Participating cities voted on two options to determine the term of the contract.

Option 1: Complete full scope of services from the sample RFP in Attachment 2 as a 1-time contract.

Option 2: Over 5 years, complete the full scope of services except for Over 5 years, complete all tasks selected except for Field Survey related tasks. Instead, complete 1/5th of Tasks 2,4,5, and 6 annually with the option to re-negotiate the contract every 5 years.

The majority of the participating cities voted for Option 1 so staff is recommending option 1 for this initial trial. If successful we may expand the participation and consider option 2 next time.

Timeline:

Agreements by participants' councils	January 25, 2024
Kern COG board approval	February 15, 2024
Request for Proposals Released	March 1, 2024
Contract start	July 1, 2024
Contract end	June 30, 2025

Attachments –1) Draft MOU; 2) Draft RFP

ACTION: Recommend to the Transportation Planning Policy Committee that Staff finalize a multi-agency agreements with the participating agencies and propose funding in the FY 26-27 RSTP cycle with a planned request to deliver 1-year early if funding from outside the region is available.

Attachment 1

D R A F T

MEMORANDUM OF UNDERSTANDING

Kern Regional Multi-jurisdictional Pavement Management Systems

THIS MEMORANDUM OF UNDERSTANDING is made and entered into this____ day of _____, 2023 by and among the CITY OF CALIFORNIA CITY, CITY OF DELANO, and the CITY OF WASCO (“CITIES” herein) charter governments of the State of California, and the KERN COUNCIL OF GOVERNMENTS ("KERN COG" herein), a Joint Powers Agency formed pursuant to the California Government Code.

R E C I T A L S

WHEREAS, California Government Code Section 6502 authorizes cities and counties to enter into agreements for their mutual benefit; and

WHEREAS, CITIES, and KERN COG have a compelling and mutual interest in developing Multi-jurisdictional Pavement Management Systems (PMSs) among participating cities; and

WHEREAS, CITIES, and KERN COG recognize that consolidated development effort of PMSs will benefit the citizens of the CITIES by reducing local agency staff requirements, improving the efficiency of local government, providing greater consistency, better quality; and

AGREEMENT

NOW, THEREFORE, BE IT UNDERSTOOD AND AGREED by PARTICIPATING CITIES, and KERN COG that:

1. The foregoing recitals are true and correct, and are adopted into this contract as if set forth in full.

2. KERN COG will access local funds from CITIES identified in this MOU through invoices sent directly to CITIES.

3. The table below reflects the estimated costs to the CITIES for KERN COG to hire a consultant that will develop individual PMSs.

CITY	**Cost estimate for chosen tasks**	
CALIFORNIA CITY	$	66,579.61
DELANO	$	59,647.42
WASCO	$	34,052.63
TOTAL	$	160,279.66

4. Should the consultant contract be less than total estimated costs concurrently with approval of consultant contract, the MOU amounts shall be prorated according to final amount of consultant contract including match.

5. CITIES and KERN COG agree that KERN COG will act as lead agency on managing the PMS consulting contract. Utilizing the previously-identified funds, Kern COG shall hire a consultant to develop PMS documents for the CITIES.

6. CITIES and KERN COG agree that KERN COG staff will require member agency staff to participate in the consultant selection process and product development to ensure quality PMSs for each city.

7. The failure of any party to enforce against another a provision of this Agreement shall not constitute a waiver of that party's right to enforce such a provision at a later time, and shall not serve to vary the terms of this Agreement.

8. All notices relative to this Agreement shall be given in writing and shall be personally served or sent by certified or registered mail and be effective upon actual personal service or depositing in the United States mail. The parties shall be addressed as follows, or at any other address designated by notice:

CITY: CITY OF CALIFORNIA CITY
City Clerk
21000 Hacienda Blvd.
California City, CA 93505

CITY: CITY OF DELANO
City Clerk
P.O. Box 3010
Delano, CA 93216

CITY: CITY OF WASCO
City Clerk
746 8th Street
Wasco, CA 93280

KERN COG: KERN COUNCIL OF GOVERNMENTS
1401 19th Street, Suite 300
Bakersfield, CA 93301

9. This Agreement sets forth the entire Agreement between the parties and supersedes all other oral or written representations. This Agreement may be modified only in a writing approved by the City Councils and the Kern Council of Governments, Board of Directors.

10. Any services of CITIES or KERN COG are provided as independent contractors. No party is an agent or employee of any other party for any purpose and is not entitled to any of the benefits provided by any party to its employees. This Agreement shall not be construed as forming a partnership or any other association between CITIES, and KERN COG other than that of an independent contractor.

11. No party shall be liable to any other party for any loss, damage, liability, claim or cause of action for damage to or destruction of property or for injury to or death of persons arising from any act or omission of the other party's officers, agents, or employees. Further, no party is liable to any other party for loss or inaccuracy of data. Each party is encouraged to have current backup storage of all data and other relevant information. Further, no party is liable to any other party for any damage to information or equipment, which results from the transfer of data.

12. A party against whom any claim arising from any subject matter of this Agreement is filed shall give prompt written notice of the filing of the claim to all other parties.

13. This Agreement is effective upon execution. It is the product of negotiation and, therefore, shall not be construed against any party.

14. Any party to this Memorandum of Understanding may terminate its participation in the activities herein described upon thirty (30) days' written notification to the other parties. Termination by one party does not terminate the agreement between the remaining parties.

----------o0o----------

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed, the day and year first-above written.

"CITY of CALIFORNIA CITY"

RECOMMENDED AND APPROVED
AS TO CONTENT:

_____
City Manager *or Mayor/Council Member*
City of CALIFORNIA CITY

_____
Public Works Director
City of CALIFORNIA CITY

APPROVED AS TO FORM:

_____
Legal Counsel

[Remainder of page left blank intentionally]

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed, the day and year first-above written.

"CITY of DELANO"

RECOMMENDED AND APPROVED
AS TO CONTENT:

_____
City Manager *or Mayor/Council Member*
City of DELANO

_____
Public Works Director
City of DELANO

APPROVED AS TO FORM:

_____
Legal Counsel

[Remainder of page left blank intentionally]

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed, the day and year first-above written.

"CITY of WASCO"

RECOMMENDED AND APPROVED
AS TO CONTENT:

_____
City Manager *or Mayor/Council Member*
City of WASCO

_____
Public Works Director
City of WASCO

APPROVED AS TO FORM:

_____
Legal Counsel

[Remainder of page left blank intentionally]

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed, the day and year first-above written.

"KERN COUNCIL OF GOVERNMENTS"

RECOMMENDED AND APPROVED
AS TO CONTENT:

_____
AHRON HAKIMI
Executive Director
Kern Council of Governments

_____
Bob Smith, Chairman
Kern Council of Governments

APPROVED AS TO FORM:

_____
Deputy Counsel for
Kern Council of Governments

[Remainder of page left blank intentionally]

Attachment 2

D R A F T

REQUEST FOR PROPOSALS

CONSULTANT SERVICES FOR MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEMS

Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301
(661) 635-2900

Additional background information on this Request for Proposals can be found on the Kern COG website:
www.kerncog.org
Refer to tab:
"Working with Kern COG"

D R A F T

REQUEST FOR PROPOSALS
CONSULTANT SERVICES FOR
MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEMS

MARCH 1, 2024
PROPOSALS DUE: APRIL 19, 2024

INTRODUCTION AND BACKGROUND

Kern Council of Governments (Kern COG) requests proposals from qualified consultants for multi-jurisdictional pavement management systems (PMSs). The project will commence from July 1, 2024, through June 30, 2025. The amount of the contract is not to exceed $160,279.66 through June 30, 2025.

Kern COG is a state-designated public agency with regional transportation planning responsibilities that cross city-county boundaries. There are twelve member jurisdictions represented by Kern COG. Due to funding constraints, pavement maintenance and repair has been limited in the Kern region, especially in the rural cities. The average pavement condition index (PCI) for the entire region was reported with PCI at 65 in 2020 and has decreased to 63 in 2022.

The passing of SB 1, the Road Repair and Accountability Act of 2017, provide a reliable source of funds for local governments to maintain their multi-modal transportation system. It enables the communities to catch up with the maintenance needs that were not met due to historical funding issues. To manage the SB 1 funding more efficiently, a pavement management system is highly desirable for local governments to assess the roadway conditions, create an inventory of maintenance and repair needs, estimate the costs, develop a prioritization list and plan the budget accordingly. Additionally, the PMS will be able to serve as a great communication tool between the local government staff, elected officials and the residents about the needs of the community as they plan, prioritize, design and construct the improvement projects.

Kern COG has allocated funds to develop the Multi-jurisdictional PMS for seven local governments within the Region that currently do not have such a program in place or want to improve the one that they have. By assisting these agencies with the creation of a pavement management system, the entire Region will have the resource available to them to prioritize roadway improvements and better manage their pavement investments. By providing this tool to local agencies that need the system, Kern COG will provide a consistent pavement management platform in the region that will help local jurisdictions plan and manage the roadway repair and maintenance more efficiently. The seven local governments that do not currently have a

pavement management system or want to improve it include: California City, Delano, and Wasco. The Region has selected MTC's StreetSaver Program as the platform for the Multi-jurisdictional PMS. Here is the breakdown of the estimated street centerline miles for each of the seven cities:

CITY	CENTERLINE MILES
CALIFORNIA CITY	486.15
DELANO	126.23
WASCO	70.54

PURPOSE AND OBJECTIVES OF THE PROPOSAL

Below is a sample scope of work to provide more detail on what Kern COG staff is looking for in this proposal sample scope of work is provided to give proposers an idea of Kern COG's expectations for this project. It is anticipated that the final scope of work for this project will be a product created through the negotiation process with changes based upon the professional input from the selected consultant.

The successful consultant(s) will work closely with Kern COG and participating city staff to prepare PMSs for each participating city.

SCOPE OF SERVICES

The multi-jurisdictional PMS will include individual pavement management systems for each of the seven local governments mentioned above. The consultant will help the seven local governments set up the StreetSaver program, conduct initial pavement assessment, calculate PCI, provide cost estimates for proposed maintenance treatments, train the local staff, and provide analysis and system reports. The first year license fees for the StreetSaver program for each of the seven entities are included in the cost of the project. The scope of work to be performed by the consultant is specified below in the "TASKS":

TASKS:

Task 1: Kickoff meeting and project coordination

a. Kickoff meeting.
b. Monthly progress update and report.

Task 2: Pavement condition survey and database development (Option 1 is an automated survey, but this requires an up to date and accurate GIS shapefile. Option 2 will include manual surveys if they are not available.)

a. Review existing inventory, shapefile or map.
b. Use existing data to develop pavement inventory for field data collection.
c. Conduct field inspections and collect distress data.

d. Conduct Quality Assurance/Quality Control QA/QC of inspection data.

Task 3: StreetSaver database setup

a. Include one-year StreetSaver license fee for each agency; not including GIS integration.
b. Coordinate with Metropolitan Transportation Commission (MTC) and submit pavement inventory to setup database.

Task 4: Data entry and PCI calculation

a. Upload inspection data and calculate PCE for each section.
b. QC in the database and finalize network condition.

Task 5: Maintenance and Rehabilitation (M&R)

a. Maintenance and Rehabilitation (M&R) meeting to discuss pavement strategies.
b. Review bid tabs from each agency and calculate pavement costs by treatments.
c. Update treatment types and costs in the decision tree for agency to review.
d. Update decision tree into StreetSaver database.
e. Update historical maintenance and rehabilitation records in the database.

Task 6: Budget analysis and report

a. Conduct budgetary analysis.
b. Prepare summary report of pavement condition, pavement needs and impacts of PCI or unfunded backlog by various funding assumptions.

Task 7: Training and user manual

a. Conduct StreetSaver training with cities (total 6 hours virtual meeting).
b. Provide meeting agenda and StreetSaver user manual.

Task 8: Presentation

a. Meeting with cities to discuss presentation outline, approach, audiences, etc.
b. Include two presentations.
c. In-person presentation.

Task 9: GIS integration with StreetSaver

a. Update GIS shapefile to StreetSaver if available.
b. Conduct GIS linkages.
c. Agency will be able to generate various maps (condition, historical paving records, future work plan, etc.).

The following cities chose the listed tasks:

Task	Cities participating
1. Kickoff Meeting and Project Coordination	Delano, Wasco
2. Pavement Condition Surveys and Database Development	
Opt 1 - Automated Survey	Wasco
Opt 2 - Hybrid Survey	Cal City, Delano
3. StreetSaver Database Setup	Cal City, Delano, Wasco
4. Data Entry and PCI Calculation	Cal City, Delano, Wasco
5. M&R Strategies and Decision Tree	Cal City, Delano, Wasco
6. Budgetary Analysis and Report	Cal City, Delano, Wasco
7. Training and User Manual	Cal City, Delano, Wasco
8. Presentations	Delano, Wasco
9. GIS Intergration with StreeSaver	Cal City, Delano, Wasco

COORDINATION

The consultant will take primary direction from the Kern COG Project Manager. It is intended that all work will be completed within **Twelve** months of negotiating a contract in accordance with the schedule component and that the consultant's work will begin immediately upon receiving a notice to proceed.

The selected consultant will best demonstrate the ability to deliver quality work on schedule and in a cost- effective manner, consistent with the tasks and deliverables in this RFP.

File copies of all correspondence, technical memoranda and reports should be delivered to the Kern COG Project Manager on CD or file in MS Office 365.

All data, maps and all other materials prepared or collected under this contract will become the property of Kern COG.

SCHEDULE

Activity	Date
Request for Proposals Released	March 1, 2024
Last Day to Submit Written Questions	April 10, 2024
Deadline for Proposal Submittal	April 19, 2024
Selection Process/Interviews	April 19, 2024 – May 3, 2024
Kern COG Board Approval	June 20, 2024
Notice to Proceed	June 21, 2024

These dates are subject to change; schedule updates and more information about Kern COG RFPs will be posted on the Kern COG website: http://www.kerncog.org/category/working-with-kern-cog/request-for-proposals/

PROPOSAL REQUIREMENTS

Proposal content and completeness are important Clarity and conciseness are essential and will be considered in assessing the proposer's capabilities. A review committee will screen all consultant proposals submitted in response to this request.

One (1) reproducible, five (5) copies, and one (1) electronic copy of the proposal must be received at Kern Council of Governments no later than April 19, 2024, at 4:00 p.m. Proposals received later than that date and time will not be considered.

1. Provide contact and email address

Proposers will provide a contact person and email address to be used in responding to questions and for notification of updated RFP information.

2. Proposal Organization

In order to simplify the review process and maximize the degree of comparative analysis, the proposal should be organized in the following manner:

A. Transmittal letter

The transmittal letter should be signed by an official authorized to bind the consultant contractually and will contain a statement to the effect that the proposal is a firm offer for 90 days. The letter accompanying the proposal will also provide the following: name, title, address, and telephone number of individuals with the authority to negotiate and contractually bind the company. The transmittal shall contain a statement of understanding of the RFP.

B. Table of Contents

Include identification of the material by section and page number.

C. Overview

This section should clearly convey the Consultant's understanding of the nature of the work and the general approach to be taken to its performance. This section should include, but not be limited to, a discussion of the purpose of the project, the organization of the project effort, and a summary of the proposed approach.

D. Detailed Work Plan

The prospective contractor will provide a schedule for completing the project, within the schedule set forth in this RFP. The schedule shall identify the major tasks to be undertaken and the time frame for each task.

This section should include the following components:

i. Task Description

Include a full description of each step to be followed. The work description should be presented in sufficient detail (tasks, subtasks, etc.) to show a clear understanding of the work and the proposed approach.

ii. Deliverables

Please provide a description of the format, content, and level of detail that can be expected for each deliverable.

iii. Schedule

A schedule showing the expected sequence of tasks, subtasks, etc. should accompany the work description. Important milestones should be identified on the schedule.

E. Management Approach

This section should describe the firm's management approach. If the proposal is a team effort, the distribution of work among the team members should be indicated. Describe the organization of the management, the structure of the work assignments, and any specific features of the management approach that require special explanation. No substitutions of the identified project manager will be allowed without prior approval of Kern COG's Project Manager.

Include the name and qualifications of all professional personnel to be employed, and a resume for each professional. Staffing assignments should be specific enough to demonstrate understanding of skills

required and commitment of proper resources. The selected consultant will not substitute members of the project team without prior approval of the Kern COG's Project Manager.

F. Budget and Billing Format

Under various circumstances the budget could be subject to Pre-audit and/or the final cost subject to Post-audit by Kern COG or Caltrans' Division of Audits and Investigations. Whether individual items of cost can be allowed will be determined by 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31 et seq. The Contractor will also be required to comply with 49 CFR, Part 18, and Uniform Administrative Requirement for Grants and Cooperative Agreements to State and Local Governments. The contractor should have an accounting system capable of segregating direct cost from indirect costs per the above cited regulations. The Contractor and Subcontractors will comply with all applicable laws and maintain books, documents, papers, and accounting records for a period of three years from the date of final payment.

i. Project Budget

A maximum of $160,279.66 has been budgeted for consultant services for this project for the fiscal year 2024/2025.

ii. Estimated Costs for Tasks

Provide hourly rates for each task category including a breakout of overhead rates. Provide a detailed description of each task in the project description section of the proposal. The budget total should equal $160,279.66 in fiscal year 2024/2025. Hourly rates and the total hours available may vary depending on staff working on the project.

iii. Budget and Cost Breakdown

a. **Direct Labor Costs** – A schedule of billing rates by employee or category of employee is required of the prime contractor and all subcontractors. Billing rates shall be based on actual pay rates and should cover all costs associated with the employee (salary, benefits, and anticipated cost of living and/or merit increases during the term of the contract). Depending on the individual cost structure, overhead may be applied as a component of the billing rate or applied separately. The proposer should be prepared to validate billing rates with payroll registers, wage agreements, or other payroll documentation.

b. **Overhead Rates** – The overhead rate should include all indirect cost not readily assignable to cost objectives specifically benefited. Typically, an overhead rate is calculated on a

company or division wide basis by segregating expenses into direct cost and indirect cost categories and then dividing the indirect costs by a direct cost base such as direct labor to arrive at an overhead rate. The overhead rate is then applied on a contract-by-contract basis to recapture the indirect costs that are not chargeable directly to a final objective such as general and administrative, facilities, equipment, supplies, accounting, maintenance, materials, etc. Some cost structures may be broken into various overhead rates that are applied to different bases. The proposer should be prepared to provide supporting documentation such as prior agreements with government agencies or audits of prior year activities to validate overhead rates structures.

c. **Direct Cost** – Direct costs are those incremental costs that can be identified specifically with a particular final cost objective. Although in some instances direct cost and indirect cost may include similar categories, incremental direct cost attributable to final objectives must be separated and not included in the overhead calculation. All direct cost specifically attributed to the project and not included in the billing rates must be itemized by budget category to be eligible for reimbursement. Once contractually authorized, direct cost budgets may not be substituted without prior written consent of Kern COG.

d. **Sub-Consultant Fees** – Sub-Consultants must provide the same cost data detail as the prime contractor.

e. **Fixed Fee** – A fixed fee is calculated as a basis of total direct and indirect costs. State law permits a 10% maximum fee.

G. Insurance Requirements

Without limiting Kern COG's right to obtain indemnification from the consultant or any third parties, the consultant, at its sole expense, shall maintain in full force and affect the following insurance policies throughout the term of the contract:

1) Worker's Compensation in the amount required by law; 2) Commercial general liability insurance, including contractual liability coverage, covering all of its actions under this contract with limits of not less than $2,000,000 combined single limit for bodily injury and property damage or $1,000,000 per person and per occurrence for bodily injury and $1,000,000 per each occurrence for property damage and $2,000,000 aggregate; and 3) Commercial automobile liability coverage with the same limits as the commercial general liability insurance described above, covering all owned, hired, and non-owned automobiles and any other vehicle or equipment used by Consultant or its agents in performance of this contract.

This insurance shall not be canceled or changed without a minimum of thirty (30) days advance written notice given to Kern COG. The consultant shall provide certification of said insurance to Kern COG within twenty-one (21) days of the date of the execution of the contract. Such certification shall show, to Kern COG's satisfaction, that such insurance coverage has been obtained and are in full force; that Kern COG, its officers, agents, and employees will not be responsible for any premiums on the policies; that as and if required such insurance names Kern COG, its officers agents, and employees individually and collectively as additional insured (comprehensive and general liability only), but only insofar as the operations under the contract are concerned; that such coverage for additional insured shall apply as primary insurance and any other insurance, or self-insurance, maintained by Kern COG, its officers, agents, and employees, shall be excess only and not contributing with insurance provided under the consultant's policies herein; and that this insurance shall not be canceled or changed without a minimum of thirty (days) advance, written notice given to Kern COG.

In the event the consultant fails to always keep in effect insurance coverage as herein provided, Kern COG may, in addition to other remedies it may have, suspend or terminate the contract upon the occurrence of such event.

H. Disadvantaged Business Enterprise (DBE) Certification

It is the policy of Kern COG, the California Department of Transportation and the U.S. Department of Transportation, that Disadvantaged Business Enterprises (DBEs), as defined in 49 CFR Part 23, shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with local, state or federal funds.

Consultant shall ensure that DBEs, as defined in 49 CFR Part 23, have the maximum opportunity to participate in the performance of this contract. In this regard, Consultant shall take all necessary and reasonable steps to ensure that DBEs have the maximum opportunity to compete for and to perform subcontracts arising out of this contract. Failure to carry out the requirements of this paragraph shall constitute a breach of contract and may result in termination of this contract, or such other remedy Kern COG may deem appropriate.

During the period of this contract, the Consultant shall maintain records of all applicable subcontracts advertised and entered germane to this contract, documenting the opportunity given to DBEs to participate in this contract, actual DBE participation, and records of materials purchased from DBE suppliers. Such documentation shall show the name and business address of each DBE subcontractor or vendor, and the total dollar amount actually paid each DBE subcontractor or vendor. Upon completion of the contract, a summary of these records shall be

prepared and certified correct by the Consultant and shall be furnished to Kern COG.

I. Conflicts of Interest

The prospective contractor shall disclose any financial, business, or other relationship with Kern COG, or other entities such as the other MPOs involved in this project, that may have an outcome on the selection.

J. Summary of Qualifications

Proposals shall include a summary of the firm's qualifications, including resumes of assigned staff.

K. Signing of Proposal/Authorization to Negotiate

The proposal shall be signed by an official authorized to bind the proposer and shall contain a statement to the effect that the proposal is a firm offer for a 90-day period. The proposal shall also provide the following: name, title, address, and telephone number of individuals with authority to negotiate and contractually bind the company.

L. Attachments

Attachments A, B and C to be included at the end of the proposal are as follows:

- Attachment A: Title VI Assurance
- Attachment B: Budget and Cost Schedule
- Attachment C: Scope of Work

PROPOSAL SUBMITTAL

1. Preparation of Proposal

The proposal shall be formatted in accordance with the requirements specified in the Section titled "Proposal Requirements" of this RFP. Proposal forms shall be executed by an authorized signatory as described herein. All proposals shall be prepared by and at the expense of the proposer.

2. Examination of RFP Document

The proposer shall be solely responsible for examining, with appropriate care, the RFP, including Attachment A and any addenda issued during the proposal period. The proposer shall also be responsible for informing itself with respect to any and all conditions, which may in any way affect the amount or nature of the proposal or the performance of the work in the event the proposer is selected. Failure of the proposer to examine and inform itself in this manner shall be at the proposer's own risk and no relief for error or omission shall be given.

3. Submission of Proposal/Period of Acceptance

One reproducible master, five copies, and one electronic copy of all proposals must be delivered to Kern COG no later than 4:00 p.m., Thursday, April 19, 2024. Proposals will not be accepted after 4:00 p.m. PDT. Postmarks will not be accepted. Proposals should be delivered to:

Ahron Hakimi
Executive Director
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

All proposals will remain firm for a period of ninety (90) days following the final date for submission. All proposals will become the sole property of Kern COG and a part of its official records without obligation on the part of Kern COG.

This RFP is not to be construed as a contract of commitment on the part of Kern COG. Kern COG reserves the right to reject all proposals, to seek additional information from each proposer, or to issue another RFP, if deemed appropriate.

4. Modification or Withdrawal of Proposals

Any proposal received before the date and time specified above for receipt of proposals may be withdrawn or modified by written request of the proposer. To be considered, however, the modified proposal must be received by the proposal due date and time specified previously.

All verbal modifications to these conditions or provisions are ineffective for proposal evaluation purposes. Only written changes issued by proposers to Kern COG are authorized and binding.

5. Rejection of Proposals

Failure to meet the requirements for the Request for Proposals will be cause for rejection of the proposal. Kern COG may reject any proposal if it is conditional, incomplete, or contains irregularities or inordinately high cost rates. Kern COG may waive an immaterial deviation in a proposal. Waiver of an immaterial deviation shall in no way modify the Request for Proposals document or excuse the proposer from full compliance with the contract requirements if the proposer is awarded the contract.

CONSULTANT SELECTION

The actual award of the contract will be by the Kern COG Transportation Planning and Policy Committee (tentatively set for the June 20, 2024, meeting). Proposal opening does not constitute the awarding of a contract.

The contract is not in force until it is awarded by Kern COG and executed by the Kern COG designees. A subcommittee of the PSC will evaluate, interview and recommend the selected consultant to the Kern COG Transportation Planning and Policy Committee for approval.

Note that since this contract is for a fixed amount, proposals should explain how their proposal would provide the best value and expertise to assist the participating cities in their pavement management systems.

PROPOSER OBJECTIONS

A proposer may object to any of the terms or provisions set forth in the RFP's Scope of Work or to the selection of a particular proposer on the grounds that Kern COG's procedures, the provisions of this RFP, or applicable provisions of federal, state, or local law have been violated or inaccurately or inappropriately applied by submitting Kern COG a written explanation of the basis for the objection. Deadlines for submittal of objections are:

- No later than two weeks prior to the date proposals are due, for objections to RFP provisions; or
- Within three working days before the date on which the contract award is authorized for objections to proposer selection.

If the proposer does not state any objections, Kern COG will assume that the RFP Scope of Work is acceptable to the proposer and has been fully factored into the firm's response. If the proposer intends to negotiate with Kern COG concerning any part of the Scope of Work the proposer finds objectionable, the proposer must provide specific language in the firm's response that would address or cure its objections.

KERN COG RIGHTS

Kern COG may investigate the qualifications of any proposer under consideration, require confirmation of information furnished by a proposer, and require additional evidence of qualifications to perform the work described in this RFP.

Kern COG reserves the right to:

- Reject any or all of the proposals if it deems such action is in the public interest;
- Issue subsequent Requests for Proposals;
- Cancel the entire Request for Proposal;
- Remedy technical errors in the Request for Proposals process;
- Appoint an evaluation committee to review the proposals and make the selection based upon the written proposal only;
- Seek the assistance of outside technical experts in proposal evaluation;
- Approve or disapprove the use of particular subcontractors;
- Establish a short list of proposers eligible for interviews after review of written proposals;

- Negotiate with some, all, or none of the respondents to the RFP;
- Solicit best and final offers from all or some of the proposers;
- Award a contract to one or more proposers;
- Accept an offer other than the lowest price offer;
- Waive informalities and irregularities in proposals and the bid process; and
- Waive any element of the procurement process it finds convenient.

This RFP does not commit Kern COG to enter into a contract, nor does it obligate Kern COG to pay for any costs incurred in preparation and submission of proposals or in anticipation of a contract. All proposals will be subject to public disclosure as required by the California Public Records Act.

Kern COG reserves the right to investigate the qualifications of all firms under consideration to confirm any part of the information furnished by a proposer, or to require other evidence of managerial, financial, or other capabilities which are considered necessary for the successful performance of the contract.

RFP QUESTIONS

All questions on the RFP should be submitted in writing via email to:

eflickinger@kerncog.org

Ed Flickinger, Project Manager
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

All questions shall be submitted no later than April 10, 2024. Written questions submitted by this date will be answered and posted at http://www.kerncog.org. Refer to tab: "Working with Kern COG."

Attachment A

TITLE VI ASSURANCE

Kern Council of Governments, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d-4 and Title 49, Code of Federal Regulations, department of Transportation, Subtitle A, Office of the Secretary, Part 21 Nondiscrimination in Federally Assisted Programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority businesses enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or nation origin in consideration of an award.

Attachment B

BUDGET AND COST SCHEDULE TEMPLATE

	(Name) *(Role)*		*(Name)* *(Role)*		*(Name)* *(Role)*			
TASKS	*(Hourly Billing Rate)*		*(Hourly Billing Rate)*		*(Hourly Billing Rate)*		**Total Task Hours**	**Total Task Cost**
Task	**Hours**	**Cost**	**Hours**	**Cost**	**Hours**	**Cost**		
Tasks Subtotal								

Direct Costs

Direct Cost		**Amount**
Direct Costs Subtotal		

Subconsultants

Subconsultants		**Total Cost**
Subconsultants Subtotal		

PROPOSAL GRAND TOTAL		

ATTACHMENT C

MULTI-JURISDICTIONAL PAVEMENT MANAGEMENT SYSTEMS

SCOPE OF WORK

The Scope of Services from above is a SAMPLE Scope of Work, developed by staff to give a clearer picture of the product we expect from this contract. Consultants are encouraged to modify and make improvements based on their professional expertise and best judgment. Please avoid unenforceable, vague and superlative language in your proposal scope of work to facilitate incorporation into the final contract. Focus on clearly describing the deliverables to eliminate ambiguous language and facilitate contract enforceability. Thank you.

Kern Council of Governments

VII.
TTAC

November 1, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rob Ball, Deputy Director/Planning Director
Rochelle Invina-Jayasiri, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VII.
SECOND LOOK: LONG RANGE TRANSPORTATION PLAN PROJECT LISTING REVISIONS SUMMARY

DESCRIPTION:

Development of the 2026 Regional Transportation Plan (RTP) requires the review and update of the RTP Capital Improvement Program (CIP), a 20+ year transportation project listing for the long-range transportation plan available at https://www.kerncog.org/category/docs/rtp/.

DISCUSSION:

Staff is in the beginning stages of developing the 2026 RTP. The 24-year planning horizon is tentatively set for 2026 through 2049. The federally required RTP action element (Ch. 5) includes a multi-modal transportation project listing, or Capital Improvement Program (CIP) developed in two parts: the financially constrained list (Table 5.1) and the financially unconstrained list (Table 5.2). The multi-modal Table 5.1 CIP is more restrictive because these projects are financially constrained based roughly on historic revenue rates. The regionally significant transportation projects—major roadway capacity adding projects—are required to be included in the federal Air Quality Conformity document, the accompanying environmental document, and the numerous accountability performance measures to be provided with the RTP. Improvements in Table 5.2 are not included in these analyses because they are not financially constrained. Regionally significant projects in the short-range Transportation Improvement Program (TIP) are required to be consistent with this RTP project listing. Attached is a portion of Table 5.1 with a listing of regionally significant projects and associated maps for all the projects in the full project listing. The full project listing is available on Kern COG's website at https://www.kerncog.org/category/docs/rtp/.

This draft CIP will be sent through the TTAC and TPPC in October, & November 2023 to request updates from member agency staff. At the November meetings staff will be requesting approval by the Kern COG Board of Directors to move forward and begin updating the air quality conformity modeling network, environmental document analysis, and performance measure updates. As Kern COG staff moves forward with public outreach for the upcoming 2026 RTP, the CIP will continue to be subject to public comments, updates to project listings that have been delivered and other corrections or additions prior to the scheduled circulation of the entire document in Spring of 2026. Please email comments to rball@kerncog.org or call 661-635-2902.

REVISION SUMMARY – Comments and updates as of 10/20/23:

1) **City of Shafter** – Added project to Table 5.1 - Cherry Av - Intermodal Rail Hub Connector Improvements - $50M. Funding has yet to be identified but may include a mix of local, mitigation, and grant sources.
2) **County of Kern** – Checked/updated totals for some of the tables; Questions answered on definitions of types of bike projects and funding levels for non-motorized projects.
3) **Kern COG** – Deleted major projects that will be completed by 2025; updated completion dates for class III bike projects; added freight related projects from the KARGO Sustainability Study to the unconstrained table 5.2.

ACTION: Recommend that the Transportation Planning Policy Committee approve use of the draft list of constrained transportation projects to begin environmental and performance measure analysis, to be brought back for consideration in the Draft 2026 Regional Transportation Plan.

Figure 5-1A: Constrained Projects Countywide

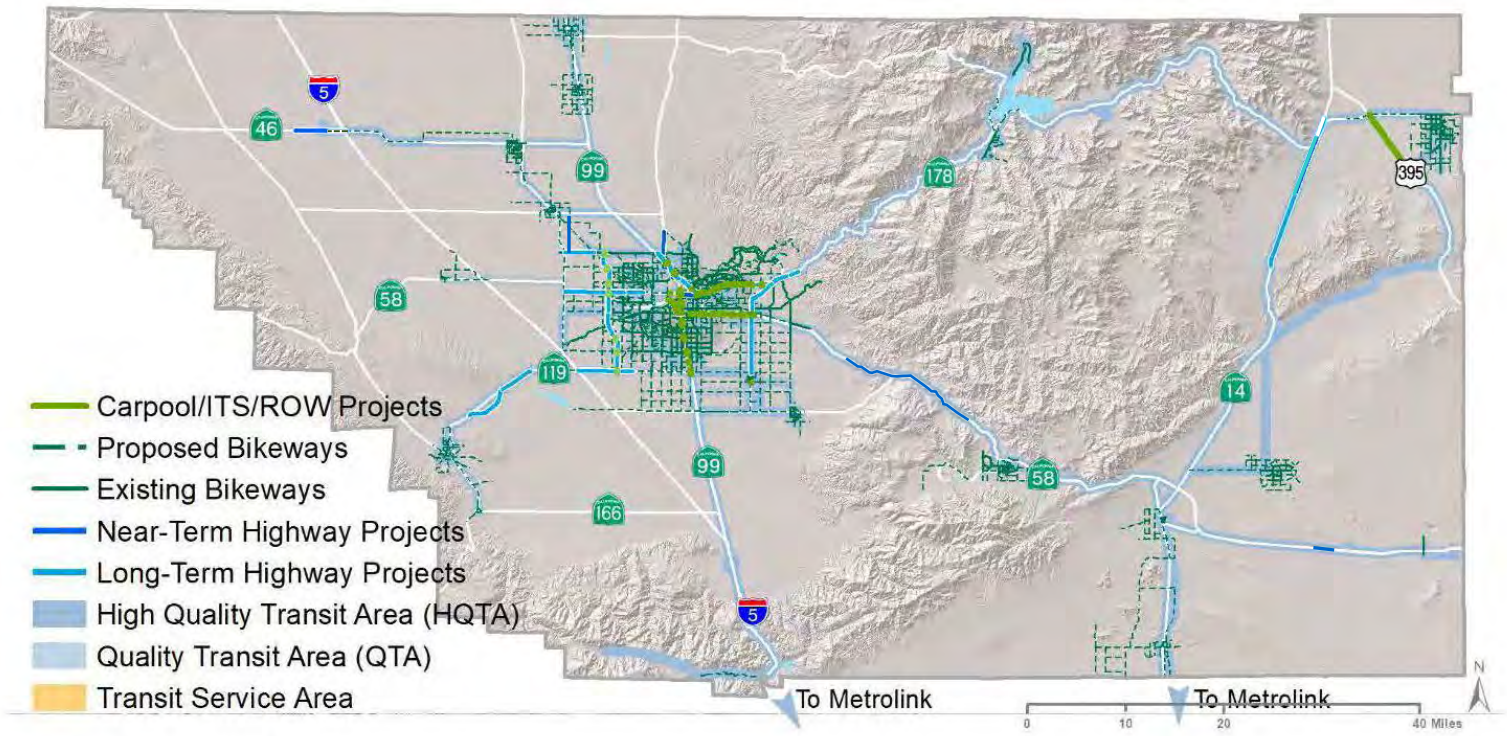
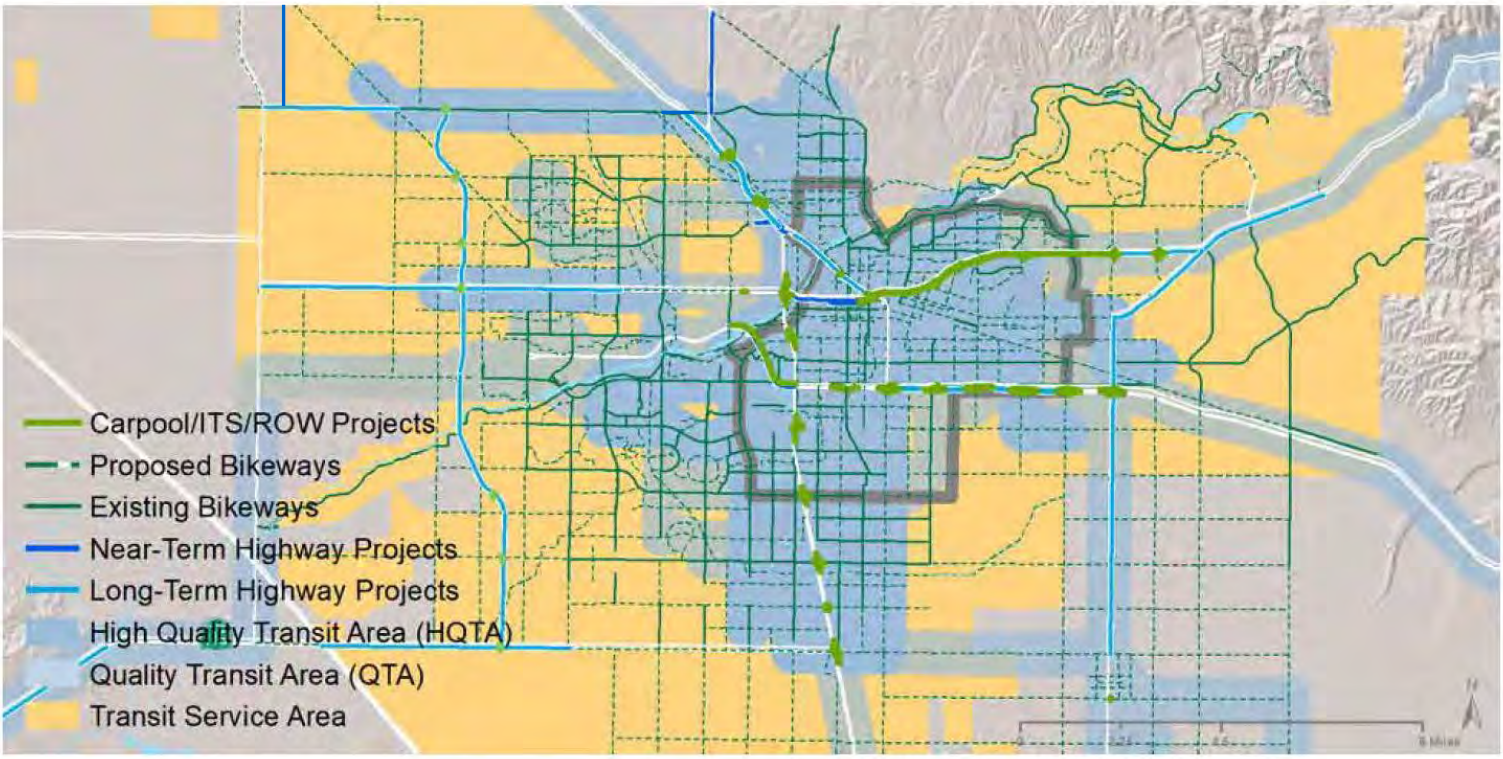


Figure 5-1B: Constrained Projects Metro Bakersfield



For complete listing with transit and bike projects go to https://www.kerncog.org/category/docs/rtp/

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2029 - Major Hwy Improvements

Project	Location		YOE Cost	Project ID	Start Const.
~~Route 46~~	~~Lost Hills~~	~~Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4B~~ **COMPLETE**	~~40,000,000~~	~~KER08RTP018~~	~~2022~~
Route 46	Lost Hills	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4C	37,000,000	KER08RTP018	2025
Route 58	Metro Bkfd	Rosedale Hwy @ Minkler Spur / Landco - construct grade separation	27,000,000	KER08RTP118	2026
Route 58	County	General Beale Rd to E. of Broome Rd - Construct truck climbing lanes	99,000,000	KER22RTP006	2025
Route 58	County	S Cal City Bl to 140th - upgrade expwy to frwy (I-change/frontage rd) EAFB north gate	40,000,000	KER22RTP007	2027
Route 65	Metro Bkfd	James Rd to Merle Haggard Dr - safety widening, traffic flow improvements	3,000,000	KER08RTP094	2025
Route 99	Bakersfield	Olive Drive - construct interchange upgrades	6,100,000	KER08RTP091	2026
Route 99	Bakersfield	7th Standard Rd interchange re-build	100,000,000	KER23RTP???	2029
Route 184	Metro Bkfd	At Union Pacific Railroad - construct grade separation	26,400,000	KER08RTP108	2026
Route 204	Bakersfield	F St - construct interchange	61,700,000	KER08RTP081	2025
Centennial Corridor	Bakersfield	At Rte 99 & 58 – Construct operational improvements	100,000,000	KER22RTP003	2025
Centennial Corridor	Bakersfield	Stockdale Hwy (SR 43 to Heath Rd - safety widening, traffic flow impvmts.	59,000,000	KER22RTP005	2026
Cherry Av/7th Standard Rd	Bksfld/Shafter	Intermodal Rail Freight Hub Connector Improvements - Phase I	50,000,000	KER23RTP???	2027
Hageman Flyover	Bakersfield	Knudsen Dr to Rt 204 - construct extension	68,900,000	KER08RTP013	2025
		Sub-total	**$737,100,000**		

2030 through 2034 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - safety widening, traffic flow improvements (Ph. 2)	42,000,000	KER08RTP017	2031
Route 119	Taft	Cherry Ave to Elk Hills Rd - safety widening, traffic flow impvmts. (Ph. 1 bypass)	115,000,000	KER08RTP022	2031
Route 178	Metro Bkfd	Near Oswell St to Vineland Rd - safety widening, traffic flow improvements	17,000,000	KER08RTP111	2031
Route 184	Bakersfield	Morning Dr to Rt 178 - safety widening, traffic flow improvements	5,000,000	KER08RTP101	2032
		Sub-total	**$179,000,000**		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2035 through 2039 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - safety widening, traffic flow improvements (Ph. 3)	$32,000,000	KER08RTP024	2036
Route 58	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	$32,600,000	KER08RTP103	2036
Route 58	Bakersfield	Union Ave to Fairfax Rd - safety widening, traffic flow improvements	47,400,000	KER08RTP093	2036
Route 99	Bakersfield	Beardsley Canal to 7th Standard Rd - safety widening, traffic flow improvements	90,800,000	KER08RTP138	2036
Route 99	Bakersfield	At Olive Drive - reconstruct interchange	108,000,000	KER08RTP021	2036
Route 99	Bakersfield	At Snow Rd - construct new interchange	138,200,000	KER08RTP115	2036
Route 99	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	37,000,000	KER08RTP105	2036
Route 119	Metro Bkfd	I-5 to Buena Vista - safety widening, traffic flow improvements	31,300,000	KER08RTP099	2036
Route 178	Bakersfield	At Rt 204 and 178 - reconstruct ramps (HOV - ramp metering)	50,000,000	KER08RTP085	2036
Route 178	Bakersfield	At various locations - ramp improvements (HOV - ramp metering)	37,000,000	KER08RTP106	2036
Route 178	Bakersfield	Existing west terminus to Oswell St - safety, traffic flow improvments (HOV)	140,500,000	KER08RTP026	2036
Route 184	Lamont/Fuller Acres	Panama Rd to Rt 58 - safety widening, traffic flow improvements	10,500,000	KER08RTP100	2036
Route 184	Bakersfield	Rt 58 to Rt 178 - safety widening, traffic flow improvements	90,000,000	KER08RTP045	2036
Route 204	Bakersfield	Airport Drive to Rt 178 - safety widening, traffic flow improvements	55,000,000	KER08RTP083	2036
7th Standard Rd	Shafter/Bkfd	Rt 43 to Santa Fe Wy - safety widening, traffic flow improvements	14,000,000	KER08RTP113	2036
West Urban Corridor	Metro Bkfd	White Lane to Westside Parkway - construct new facility	115,793,000	KER08RTP139	2036
West Urban Corridor	Metro Bkfd	Rosedale Hwy to 1/2 mile north of 7th Standard Rd - construct new facility	115,793,000	KER08RTP102	2035
West Urban Corridor	Metro Bkfd	Rosedale Hwy to Westside Parkway - construct new facility	93,500,000	KER08RTP016	2035
		Sub-total	**$1,239,386,000**		

2040 through 2049 - Major Hwy Improvements

Project	Location	Scope	YOE Cost	Project ID	Start Const.
Route 119	Taft	Elk Hills - County Rd to Tupman Ave - safety widening, traffic flow impvmts. (Ph. 2)	48,000,000	KER08RTP086	2046
Route 178	Metro Bkfd	Vineland to E. of Alfred Harrell Hwy - new freeway segment, interchange	119,000,000	KER08RTP025	2046
Route 178	Bakersfield	Miramonte to Rancheria - safety widening, traffic flow improvements	19,800,000	KER08RTP084	2046
US 395	Ridgecrest	Between Rt 178 and China Lake Blvd - construct passing lanes	20,000,000	KER08RTP089	2046
West Urban Corridor	Metro Bkfd	Taft Hwy to White Lane - construct new facillity	90,000,000	KER08RTP097	2046
		Sub-total	**$296,800,000**		
		Total Major Hwy Improvements	**$2,452,286,000**		

TABLE 5.1 - Constrained Capital Improvement Program (Continued)

2025 through 2049 - Local Streets and Roads

Project	Location	Scope	YOE Cost	Project ID	Start
Various Locations	Metro Bkfd	Bridge and street widening; reconstruction	$540,000,000		
Various Locations	Metro Bkfd	Signalization	15,000,000		
Various Locations	Rosamond	Street widening; signalization	112,000,000		
Various Locations	Countywide	Transportation Control Measures	386,000,000		
Various Locations	Countywide	Bridge and street widening; reconstruction; signalization	632,000,000		
		Sub-total	**$1,685,000,000**		

* Note: Adjustments to programming were made regarding the overlap of HOV related improvements listed separately (regionally significant Hwy improvements.

2025 through 2049 - Summary of Constrained Projects

Program Category	Totals
Transit / Rail / High Speed Rail	**2,572,200,000**
Operational Improvements - HOV Lanes / Ramp Metering	**297,000,000**
Pedestrian Complete Streets and Bicycle Improvements	**424,000,000**
Local Streets and Rds	**1,685,000,000**
Major Hwy Improvements 2025-2029	**$737,100,000**
Major Hwy Improvements 2030-2049*	**1,715,186,000**
Freight Rail	**500,000,000**
Grand Total	**$7,930,486,000**

2025 STATUS: 1) EXPECTED TO BE CONSTRUCTED; 2) UNDER CONSTRUCTION; OR 3) CONSTRUCTED

STATUS	Project	Location	Scope	YOE Cost	Project ID	Start
1	Freight Rail	Tehachapi	Double-track sections (Bakersfield to Mojave	$111,700,000		2017
1	Freight Rail	Shafter	Shafter Intermodal Rail Facility Phase II - Container Yard	30,000,000		2017
3	Route 99	Metro Bkfd	Hosking Ave - construct interchange	31,000,000	KER08RTP009	2014
3	Route 58	Metro Bkfd	Rosedale Hwy - Calloway Dr to Rt 99 - widen existing Hwy	29,000,000	KER08RTP007	2014
2	Route 46	Lost Hills	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4A	27,000,000	KER14RTP001	2016
3	Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - widen to four lanes (Phase1)	42,000,000	KER08RTP006	2016
3	Route 178	Bakersfield	Vineland Rd to east of Miramonte Dr - widen existing Hwy	54,000,000	KER08RTP011	2014
3	24th St Improve	Bakersfield	Rt 178 (24th/23rd St) (SR-99 to M Street - widen existing Hwy	55,000,000	KER08RTP014	2015
				$379,700,000		

Figure 5-23: Kern County Transit, Bike and Highway Projects – Completed/Under Construction 2014-2020

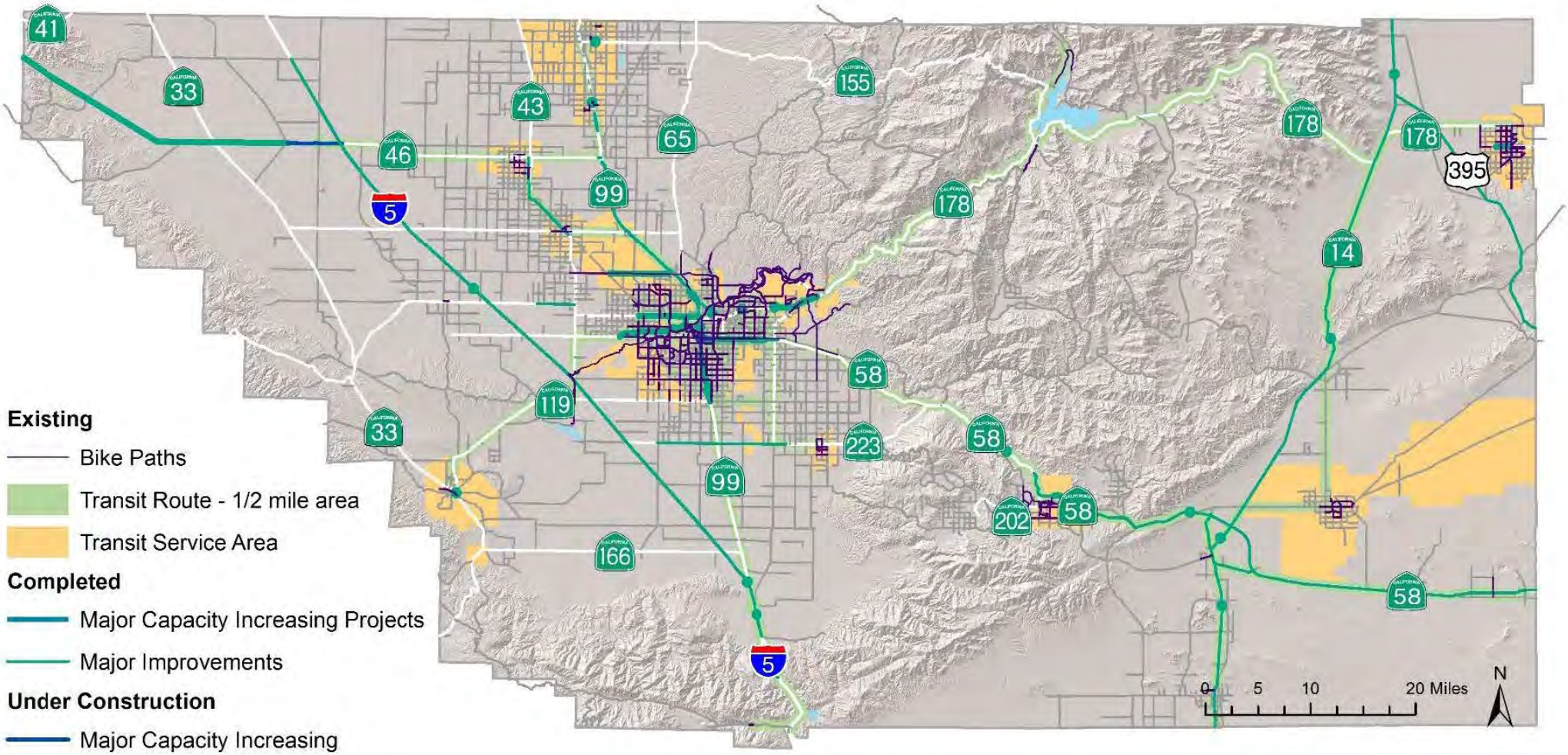
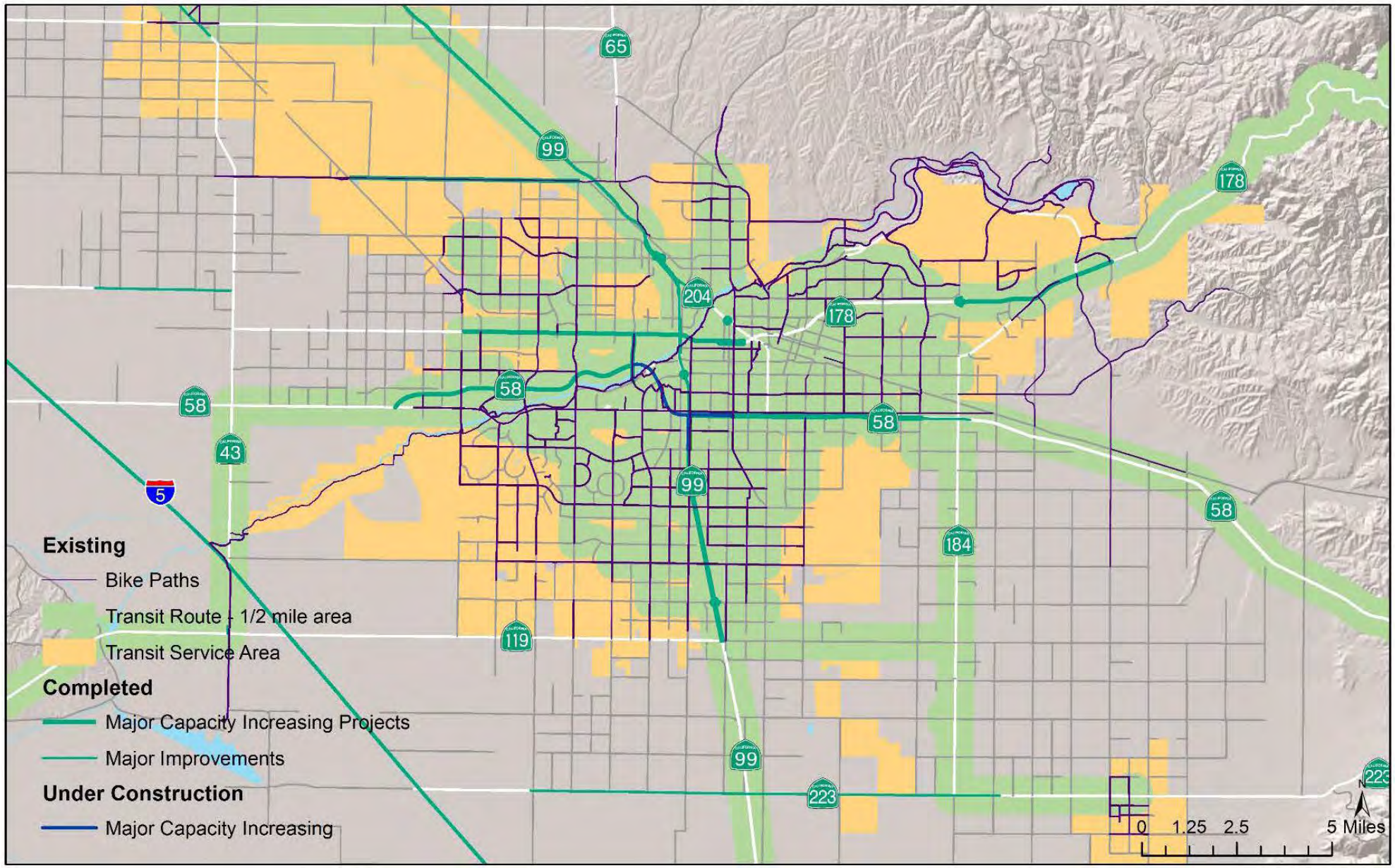


Figure 5-22: Metro Bakersfield Transit, Bike and Highway Projects – Completed/Under Construction 2014-2020



Kern Council of Governments

VIII.
TTAC

November 1, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Robert M. Snoddy,
Regional Planner

SUBJECT: TTAC AGENDA ITEM: VIII.
PROJECT DELIVERY POLICY LETTERS – TDA Article 3

DESCRIPTION:

Per the "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview," project delivery letters are **due January 12, 2024,** for Transportation Development Act (TDA) projects.

DISCUSSION:

The "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview" was last updated at the April 15, 2021, Kern COG Board meeting. The Kern COG Project Delivery Policy states that projects in the current fiscal year need to be submitted for funding reimbursement by January 31st. If agencies plan to submit projects for funding reimbursement beyond January 31st, lead agencies are asked to submit a letter with a revised submittal schedule. The project delivery letters are due **January 12, 2024**. Enclosed is a sample project delivery letter and the latest project list dated August 21, 2023.

Per approval from the Kern COG Board on October 19, 2023, the project delivery letters are now required to be signed by the City Manager or Department Head.

Attachments: Sample Project Delivery Policy Letter
August 21, 2023, TDA Article 3 project list

ACTION: Information

[Date]

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: [insert MO#] Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding reimbursement by the end of the month of January. If an agency does not plan to submit by end of January, then that agency sends a revised submittal schedule to Kern COG by January 12th. 2024. Since [Lead Agency] does not plan to submit project [insert MO#] by January for funding reimbursement, the following is provided as [Lead Agency] response:

[insert project description]

- Funding program: TDA Article 3
- Total cost of project: [insert $]
- TDA share of project: [insert $]
- Reason for delay: [give cause/reason for delay]
- Revised submittal date: [insert date]

Should you have any questions, contact Bob Snoddy at 661-635-2916 or bsnoddy@kerncog.org.

2) Transportation Development Act Article 3 Program - Funded and Un-Funded Projects FY 2021-22						
Project Status						
Status Code: 1=Not Started 2=Under Construction 3=Completed						
Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield/Kern County	7/15/2021	MO#21-5	Addition of a Class 1 bike path along County Dump Rd. between Fairfax Rd. and Paladan Dr. Kern County will be a sub applicant	$ 267,000	2	Project estimated to be comp. September 30, 2023
2nd Priority				**$ 267,000**		
Total Funded Projects				**$ 267,000**		
				$ 267,000		
McFarland	7/15/2021	MO#21-01	Remove and replace non-ADA compliant curb ramps on Ebell St. Mast Ave. to Woodruff Ave. & 6th St. and California Ave.	$ 156,158	1	Est. June 2023
Tehachapi	7/15/2021	MO#21-02	Complete pedestrian facilities on both sides of Brentwood Dr. between Cury St. and Oakwood St. with a new ADA compliant sidewalk, curb, and gutter	$ 284,750	1	Should be completed January 2024
Taft	7/15/2021	MO#21-03	Construct new curb and gutter, sidewalk, ADA compliant ramps, drive approaches and related pedestrian improvement on west side of 4th St. from Supply Row to Main St.	$ 169,080	3	Should receive invoice in January 2024
Wasco	7/15/2021	MO#21-04	Remove existing non-ADA compliant ramps and replace with ADA compliant curb and ramps on D St. Blvd. between Filburn and Stephen Court east side and on Filburn St. between Gaston St. amd D St. north side	$ 156,831	1	Should be completed July 2023
California City	7/15/2021	MO#21-05	Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.	$ 170,538	1	Should be completed November 2023
3rd Priority Projects (Unfunded)				**$ 937,357**		
TDA Article 3 projects funded and unfunded				**$ 1,204,357**		

	TDA Article 3 FY 2023 Adopted Project						
	Project Status						
	Status Code" 1= Not Under Construction 2=Under Construction 3=Completed						
Minute Order	Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	Est. Date of Completion
23-02	Kern County	8/19/2023		Bike facilities	$21,000	1	
23-03	Ridgecrest	8/19/2023		Bike Facilities	$3,000	1	
23-04	Shafter	8/19/2023		Bike facilities	$3,000	1	
23-06	Taft	8/19/2023		Bike Facilities	$3,000	1	
23-08	Wasco	8/19/2023		Bike facilities	$3,000	1	
23-01	Kern County	8/19/2023		Bike Safety	$22,000	1	
23-08	Wasco	8/19/2023		Bike Safety	$2,000	1	
	Total 1st Priority Projects				**$57,000**		
23-11	Tehachapi	8/19/2023		Complete class II bike lane on westside of Dennison Rd. between Valley Rd. and Pinon St.	$212,000	1	
	Total 2nd Priority Projects				**$212,000**		
23-07	Taft	8/19/2023		10th St. pedestrian improvements from Supply Row to Main St. ADA ramps, curb and gutter	$194,500	1	
23-05	Shafter	8/19/2023		Pedestrian improvements along Shafter Ave. between Lerdo Hwy. and James St. Wheelchair ramp, gross gutters, curb and gutter	$157,500	1	
23-12	Tehachapi	8/19/2023		Dennison Rd. sidewalk/ADA Improvements	$29,888		
23-10	Wasco	8/19/2023		Pedestrian Improvements 11th St. from D St. to Birch Ave. new sidewalk, curb and gutter, and ADA ramps	$425,592	1	
	Total 3rd Priority Projects				**$807,480**		
	Total Article 3 Projects				**$1,076,480**		

Kern Council of Governments

IX.
TTAC

November 1, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Ceasar Valle,
Regional Planner

SUBJECT: TTAC AGENDA ITEM: IX.
PROJECT DELIVERY POLICY LETTERS – ATP, CMAQ, RSTP

DESCRIPTION:

Per the "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview," project delivery letters are **due January 12, 2024** for Active Transportation Program (ATP), Congestion Mitigation Air Quality (CMAQ), and Regional Surface Transportation Program (RSTP) projects.

DISCUSSION:

The "Kern COG Project Delivery Policies & Procedures Chapter 2: Implementation Procedures Overview" was last updated at the April 15, 2021 Kern COG Board meeting. The Kern COG Project Delivery Policy states that projects in the current fiscal year need to be submitted for funding authorization by January 31st. If agencies plan to submit projects for funding authorization beyond January 31st, lead agencies are asked to submit a letter with a revised submittal schedule. The project delivery letters are due **January 12, 2024**. Enclosed is a sample project delivery letter and the latest project list dated October 20, 2023.

Per approval from the Kern COG Board on October 19, 2023, the project delivery letters are now required to be signed by the City Manager or Department Head.

Attachments: Sample Project Delivery Policy Letter
October 20, 2023 FY 23/24 project list

ACTION: Information.

[Date]

Mr. Ahron Hakimi
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301

Re: [KER230507] Revised Submittal Schedule

Kern Council of Governments' Project Delivery Policy for local projects requires that agencies submit for funding authorization by the end of the month of January. If an agency does not submit by January, then that agency sends a revised submittal schedule to Kern COG by January 12th. Since [Lead Agency] does not plan to submit project [KER230507] by the end of January for funding authorization, the following is provided as [Lead Agency] response:

[insert project description]

- Funding program: [insert Congestion Mitigation and Air Quality, etc.]
- Total cost of project: [insert $]
- Federal share of project: [insert $]
- Reason for delay: [give cause/reason for delay]
- Revised submittal date: [insert date]

Should you have any questions, contact [name] at [phone] or [email].

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403		Panama Ln from Gosford Rd to Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	$0	$5,167,000	$5,836,440		1
Bakersfield	KER180507		White Ln from Wible Rd to Buena Vista Rd; installation of adaptive signal coordination	$0	$775,080	$875,500	Jan 2024	1
Bakersfield	KER180507		Stockdale Hwy from Renfro Rd to Coffee Rd; installation of adaptive signal coordination	$0	$336,768	$380,400	Jan 2024	1
Bakersfield	KER180507		H St from White Ln to Panama Ln, Panama Ln from Akers Rd to Parsons Wy; installation of adaptive signal coordination	$0	$509,048	$575,001	Jan 2024	1
Cal. City	KER180403	STPL-5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	$0	$313,078	$541,389	Jan 2024	1
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	$0	$846,966	$956,700	Jan 2024	1
Delano	KER180403	STPL-5227(071)	Randolph St from Cecil Ave to 9th Ave and High St from Cecil Ave to Garces Hwy; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	$0	$698,000	$788,433	done	3
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	$0	$1,024,000	$1,038,000		1
Delano	KER211003	Cycle 5 MPO	ATP-5 Bike Lane and Sidewalk Gap Improvement Project	$120,000	$791,000	$925,000		3, 1
KCOG	KER220401		In Kern County: Regional Traffic Count Program	$0	$79,677	$90,000	Jan 2024	1
KCOG	KER220501		In Kern County: CommuteKern Rideshare Program	$0	$256,470	$289,699	Jan 2024	1
Kern Co.	KER180403		Kern County: Buena Vista Rd from South Fairfax Rd to Main St; 1 mile of road rehabilitation	$0	$1,600,000	$1,807,297		1
Kern Co.	KER220402		Kern County: Buena Vista Blvd from South Vineland Rd to South Edison Rd; reconstruct 1 mile of road by recompacting the subgrade and installing new road base	$0	$1,600,000	$1,807,297		1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Kern Co.	KER180507	CML-5950(503)	Kern County (Metro Bakersfield): Northside of Casa Loma Dr (S Union Ave - Pogososo St); Surface 0.25 miles of unpaved shoulder	$0	$965,910	$1,090,054		1
Kern Co.	KER180507		Kern County (Metro Bakersfield): Intersection of Snow Rd and Quail Creek Rd; Construct a traffic signal and ancillary facilities	$0	$626,174	$707,302		1
Kern Co.	KER200506	CML-5961(016)	Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; Construct a roundabout and ancillary facilities	$0	$3,061,415	$3,458,054		1
Kern Co.	KER191003	Cycle 4 Statewide	In Lake Isabella: Walk Isabella - Lake Isabella Blvd and Erskine Creek Rd; pedestrian and cyclist safety and accessbility improvements (CTC approved time extension to 6/30/2024)	$0	$4,286,000	$4,841,000		1
Kern Co.	KER231001		In Oildale: Norris Rd from Melody Ln to Airport Dr; construct sidewalk; Norris Rd from Airport Dr to N. Chester Ave; construct pedestrian accessbility and crossing improvements	$1,059,000	$0	$1,059,000		1
McFarland	KER220403	STPL-5343(020)	Intersection of W. Perkins and 3rd St; improve safer communte and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	$0	$346,601	$391,507		1
Ridgecrest	KER180403	STPL-5385(075)	W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	$0	$1,088,192	$1,339,139	done	3
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	$0	$252,000	$531,650		1
Taft	KER220503	CML-5193(045)	550 Supply Rd; Install charging infrastructure and solar microgrid	$0	$2,726,626	$3,079,890		1

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Tehachapi	KER180403	STPL-5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	$0	$314,746	$355,525	done	3
Tehachapi	KER211005	Cycle 5 MPO	SRTS Dennison Road Bicycle / Pedestrian Corridor Improvement project (CTC approved time extension to 2/28/2025)	$0	$2,087,000	$2,087,000		1
Tehachapi	KER231008	Cycle 6 MPO	In Tehachapi: Northside of West Valley Blvd between Oakwood St and Curry St and Mill S between Valley Blvd and Tehachapi Blvd; install sidewalk, curb, gutter, curb ramps, improve corsswalks, and install Class II bicycle lane on Northside of Valley Blvd and on Mill St	$65,000	$0	$65,000		1
Wasco	KER180403	STPL-5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	$0	$691,204	$780,757		1
Wasco	KER180507	CML-5287(062)	Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	$0	$308,994	$349,028		1
Wasco	KER231009	Cycle 6 MPO	In Wasco: East side of Central Ave from 1310' north of Filburn St to Via Morocco Blvd and between Bettis Ave and SR 46; install Class I and Class II bicycle trails, ADA curb ramps, drive approaches, and related pedestrian and landscaping improvements	$5,000	$0	$5,000	August for October CTC	3

NOTES

Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved.
2a. Allocation request to CTC.
A. Amendment pending

Kern Council of Governments

X.
TTAC

November 1, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: X.
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

DESCRIPTION:
Every two years in the odd-numbered year, regional transportation planning agencies are to submit a Regional Transportation Improvement Program (RTIP) to the California Transportation Commission (CTC) in December of the same odd-numbered year for their later approval early the following year.

DISCUSSION:
At the January 25-26, 2023 meeting, the California Transportation Commission (CTC) initiated the 2024 Regional Transportation Improvement Program (2024 RTIP) process to develop a statewide 2024 State Transportation Improvement Program (2024 STIP) for projects of regional significance. The order of this process is 1) CTC develops a statewide 5-Year regional share fund estimate; 2) CTC updates 2024 STIP guidelines; 3) regions submit RTIP's; and 4) the CTC consolidates RTIP's and approves the 2024 STIP.

Remaining 2024 Regional Transportation Improvement Program Schedule		
November 16, 2023	KCOG	Regional Adoption of 2024 RTIP CIP (TPPC)
December 15, 2023	KCOG	Submittal deadline of 2024 RTIP to the CTC
January 25 & February 1,	CTC	Conduct Southern/Northern California Public Hearing
March 1, 2024	CTC	CTC will circulate staff recommendation for 2024
March 21-22, 2024	CTC	Approve final 2024 STIP

The process for the region is to 1) establish new programming capacity defined by the state's fund estimate; 2) assess current regional project needs including cost estimate updates; 3) develop a proposed program of projects; and 4) regionally adopt the 2024 RTIP in November 2023, for submission to the CTC by December 15, 2023.

This month – Staff is circulating the 2024 RTIP Final as part of Attachment A to request a recommendation for approval. Since the circulation of the Draft 2024 RTIP Capital Improvement Program, the following changes have been made:

1. SR 58/99 Centennial Corridor Loop – EB SR 58 to NB SR 99 (7th movement) received an advance allocation approval at the October 2023 CTC meeting. This was an increase of $4.407 million over the originally programmed amount approved as part of the 2022 STIP.

2. SR 58/99 Centennial Corridor Loop – SB SR 99 to WB SR 58 (8th movement) required a match for the Trade Corridor Enhancement Program baseline agreement to be processed. $4.020 million was added to FY 24/25 for the design and right of way phase. The total project cost was reduced to be consistent with the Trade Corridor Enhancement Program funding amount for design and right of way.

3. The 2024 RTIP is now proposing to submit a request of $37.827 million. This amount is over the minimum but under the maximum county regional share identified for the Kern region.

Attachment A: 2024 RTIP Capital Improvement Program – Final

ACTION: Recommend adoption of the 2024 RTIP Capital Improvement Program to the Transportation Planning Policy Committee as shown in Attachment A.

ATTACHMENT A: 2024 RTIP Capital Improvement Program – Final

KERN COUNCIL OF GOVERNMENTS - 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - FINAL CAPITAL IMPROVEMENT PROGRAM ($ X 1,000)

PROJECT DESCRIPTION	NOTES	PRIORITY	CURRENT AND PROPOSED PHASES				PROJECT TOTAL	KCOG ALL RIP TOTAL	SUMMARY OF ALL FUNDING SOURCES				KCOG RTIP CAPITAL IMPROVEMENT PROGRAM - RIP ONLY							
			ENV	DES	ROW	CON			IIP	KCOG SHARE RIP	OTHER	TOTAL	PRIOR YEAR	2022 STIP CARRYOVER			NEW 2024 RTIP			2024 RTIP
														2024-25	2025-26	2026-27	2027-28	2028-29	MAX SHARE	APDE
PLANNING, PROGRAMMING & MONITORING							$ 2,591	$ 2,591	$ -	$ 2,591	$ -	$ 2,591		$ 591	$ 500	$ 500	$ 500	$ 500		$ -
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - PROPOSED CAPITAL IMPROVEMENT PROGRAM																				
SR 58/99 – CENTENNIAL CORRIDOR CONNECTOR - EB SR 58 to NB SR 99	***1***	1				●	$ 30,500	$ 28,500	$ -	$ 28,500	$ 2,000	$ 30,500	$ 28,500	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 58/99 – CENTENNIAL CORRIDOR PHASE 2 CONNECTOR - SB SR 99 to WB SR 58	***2***	1		●	●	●	$ 78,300	$ 29,020	$ -	$ 29,020	$ 49,280	$ 78,300	$ -	$ 4,020	$ -	$ 25,000	$ -	$ -	$ -	$ -
SR 58 CENTENNIAL CORRIDOR MAINLINE **AB 3090 ALLOCATIONS**	***3***	1	●	●	●	●	$ 63,211	$ 63,211	$ -	$ 63,211	$ -	$ 63,211	$ 63,211	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4B	***4***	2	●	●	●	●	$ 40,503	$ 6,000	$ -	$ 6,000	$ 34,503	$ 40,503	$ 6,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 - WIDENING SEGMENT 4C	***5***	2	●	●	●	●	$ 38,050	$ 13,995	$ -	$ 13,995	$ 24,055	$ 38,050	$ 13,995	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 46 ANTELOPE GRADE TRUCK CLIMBING LANE EXTENSION	***6***	2				●	$ 2,451	$ 1,456	$ -	$ 1,456	$ 995	$ 2,451	$ 1,456	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 204 / HAGEMAN FLYOVER	***7***	B	●	●	●	●	$ 84,002	$ 2,686	$ -	$ 2,686	$ 81,316	$ 84,002	$ 2,686	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SR 58 TRUCK CLIMBING LANES	***8***	B	●				$ 3,200	$ 2,272	$ -	$ 2,272	$ 928	$ 3,200	$ 2,272	$ -	$ -	$ -	$ -	$ -	$ -	$ -
LONE PINE TOWN REHABILITATION	***9***	B				●	$ 3,701	$ 3,400	$ -	$ 3,400	$ 301	$ 3,701	$ -	$ -	$ 3,400	$ -	$ -	$ -	$ -	$ -
APDE PROJECTS (ADVANCE PROJECT DEVELOPMENT ELEMENT)																				
NO APDE PROJECTS IDENTIFIED	**10**						$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL FOR 2024 RTIP SUBMITTAL							**$ 346,509**	**$ 153,131**	**$ -**	**$ 153,131**	**$ 193,378**	**$ 346,509**	**$ 118,120**	**$ 4,611**	**$ 3,900**	**$ 25,500**	**$ 500**	**$ 500**	**$ -**	**$ -**

REGIONAL EQUITY ANALYSIS							
METRO VS COUNTYWIDE		CURRENT CUMMULATIVE		PROPOSED 2024 STIP		2024 CUMMULATIVE	
METROPOLITAN BAKERSFIELD		$235,449	60%	$4,407	12%	**$ 239,856**	56%
COUNTYWIDE NON-METRO		$156,658	40%	$33,420	88%	**$ 190,078**	44%
TOTALS		$392,107	100%	$37,827	100%	$ 429,934	100%

SHARE ESTIMATES	TOTAL	60%	40%
MINIMUM SHARE	$31,505	$18,903	$12,602
MAXIMUM SHARE	$46,349	$27,809	$18,540
APDE	$0		

NOTE 1: SR 58/99 CENTENNIAL CORRIDOR LOOP WAS ADDED AS PART OF 2022 STIP AMENDMENT. $28.5 MILLION ADVANCED CONSTRUCTION ALLOCATION APPROVED AT OCTOBER 2023 CTC MEETING INCLUDED AN INCREASE OF $4.407 MILLION.

NOTE 2: SR 58/99 CENTENNIAL CORRIDOR PHASE 2 CONNECTOR - SB SR 99 TO WB SR 58 DESIGN AND RIGHT OF WAY $4.020 MILLION REQUIRED TCEP MATCH. $25 MILLION RIP (FINANACIAL CONTRIBUTION ONLY) FOR CONSTRUCTION ($25 MILLION INFRA APPLICATION SUBMITTED AND TO SUBMIT $14.9 MILLION TCEP APPLICATION)(TOTAL CONSTRUCTION $64.9 MILLION).

NOTE 3: THE AB 3090 ALLOCATION PAYMENTS WERE APPROVED BY THE CTC ON OCTOBER 17, 2019. ALL ALLOCATIONS HAVE BEEN RECEIVED. THIS PROJECT IS UNDER CONSTRUCTION.

NOTE 4: SR 46 WIDENING SEGMENT 4B IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 5: SR 46 WIDENING SEGMENT 4C IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 6: SR 46 ANTELOPE GRADE TRUCK CLIMBING LANE EXTENSION WAS ADDED WITH 2022 STIP AMENDMENT AND INCLUDES BOTH STIP ($1.456 MILLION) AND NON-STIP ($595,000) COVID FUNDING. TOTAL COVID $2.051 MILLION.

NOTE 7: SR 204 / HAGEMAN FLYOVER WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.686 MILLION) AND NON-STIP ($2.565 MILLION) COVID FUNDING. TOTAL COVID $5.251 MILLION.

NOTE 8: SR 58 TRUCK CLIMBING LANES WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP ($2.272 MILLION) AND NON-STIP ($928,000) COVID FUNDING. TOTAL COVID $3.2 MILLION. FUTURE PHASES TO BE FUNDED WITH SHOPP AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 9: INYO COUNTY IS REQUESTING $3.400 MILLION RIP (FINANCIAL CONTRIBUTION ONLY) FOR LONE PINE TOWN REHABILITATION IN FY 25/26.

NOTE 10: APDE OPTIONS ARE OUTLINED IN STIP GUIDELINES AND DEPENDENT ON OUTER YEAR CAPACITY. PROPOSED APDE ACTIVITY IS CONSIDERED AN ADVANCE OF FUTURE RIP SHARES. THERE IS NO APDE ESTIMATE.

XI.
TTAC

Kern Council of Governments

November 1, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XI.
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – WORKSHOP FOLLOW-UP

DESCRIPTION:
Nineteen CMAQ applications are under review. Kern COG to provide the latest updates.

DISCUSSION:
Background
Nineteen CMAQ applications were received for the 2023 CMAQ Call for Projects, requesting $49.2 million in CMAQ funds. The CMAQ application summary and applications received were posted to the Kern COG website at http://www.kerncog.org/category/docs/ftip/. Kern COG staff has processed the submitted applications considering the following factors in the development of the proposed program of projects:

A. Use of Kern COG CMAQ Policy and Procedures for technical analysis;
B. Use of Federal Highway Administration CMAQ Program Guidance for eligibility criteria;
C. Use of Air Resources Board's methodology to calculate emission reductions and cost-effectiveness;
D. Programming all available federal funds estimated by Caltrans; and
E. Leveraging other possible funds available from outside sources.

Project Analysis
Kern COG staff has continued to work with project applicants to clarify the following concerns:

- Purpose and need issues;
- Potentially ineligible project elements;
- Emission calculation inputs and formulas;
- Cost effectiveness based on revised emission calculations; and
- Verification of cost estimates.

A summary of comments and responses was prepared to provide clarification of submitted application and/or data revision and was sent to the TTAC. The summary was discussed at the October 11th CMAQ Workshop. Agencies represented include: Bakersfield, California City,

Caltrans, Golden Empire Transit, Kern COG, Kern County, Ridgecrest, Shafter, Taft, Tehachapi, and Wasco.

Activities Since the Workshop

- The City of Bakersfield submitted a revised resolution to the City Council for approval at their October 25, 2023 meeting.

- The City of Bakersfield has agreed to advance two adaptive signal projects for the Carbon Reduction Program funds in fiscal year 2023/24. City of Bakersfield staff have requested to increase the funding amount for the adaptive signals to cover the full amount of Carbon Reduction Program funds available of $1,554,828. The City of Bakersfield needs an additional $220,415 to accommodate enhancements for multimodal transportation opportunities along the corridors.

- Kern COG staff met with Caltrans Carbon Reduction Program coordinator on October 20, 2023.

- Kern COG staff transmitted questionable applications for Caltrans CMAQ eligibility review.

- Kern COG has deemed the excessive roadway structure for the California City project as ineligible for CMAQ funding. The road depth as described at the Workshop was not designed for a shoulder but for future road widening. This work is not eligible for CMAQ funding.

- The Caltrans project cost is high, and several Caltrans projects have been difficult to deliver under the short two year window for CMAQ projects. There is concern that the project for this cycle will not be delivered on time.

Upcoming Activities/Dates

- Kern COG staff will be transmitting the Carbon Reduction Program project alignment confirmation form for the two City of Bakersfield adaptive signal projects that have been identified. Project #2: Calloway Drive from Rosedale Highway to Olive Drive and Project #5: Panama Lane from Gosford Road to Akers Road. The City of Bakersfield was asked to revise the CMAQ applications to add local funds for the preliminary engineering phase. This will allow the projects to be introduced into the Federal Transportation Improvement Program using local funds for preliminary engineering only. Once the Kern COG Board approves the final program of projects, then the Carbon Reduction Program funding (and required local match) can be added to the projects.

- Kern COG staff is preparing the draft program of projects. Kern COG will circulate the draft as part of the January TTAC and TPPC meetings.

- Kern COG staff will circulate the final program of projects as part of the February TTAC and TPPC meetings.

ACTION: Information.

Kern Council of Governments

XII. TTAC

November 1, 2023

TO: Transportation Technical Advisory Committee

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: XII.
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – FUNDING REQUEST

DESCRIPTION:

Kern COG staff has received a request for CMAQ Program funds. Kern COG staff has reviewed options for the CMAQ funding available.

DISCUSSION:

At the October 11th Congestion Mitigation Air Quality (CMAQ) Program Workshop, Kern County reported that there was a possibility that Kern County would not deliver a CMAQ project on time. There are issues with right of way acquisition at a school site for the Tehachapi Cummings Valley roundabout project. At the same Workshop, the City of Bakersfield reported that their Friant Kern Canal multi-use path CMAQ project is underfunded. The City of Bakersfield received construction bids that were higher than the Active Transportation Program (ATP) and CMAQ funds available for the project. Original programming for the two projects is shown below:

KER200506 CMAQ Kern County (Tehachapi): Intersection of Cummings Valley Rd and Bear Valley Rd; construct roundabout and ancillary facilities	FY 22/23	$572,929 CMAQ	$74,229 local	$647,158 total	E-76 authorized 5/25/22
	FY 23/24	$3,061,415 CMAQ	$396,639 local	$3,458,054 total	E-76 not authorized
KER191004 CMAQ and ATP Bakersfield: Bounded by 7th Standard Rd, Kern River Parkway and Approx 6 miles Friant-Kern Canal; construct Class I multi-use path	FY 21/22	$3,447,358 CMAQ	$446,642 local	$3,894,000 total	E-76 authorized 9/12/22
	FY 22/23	$4,306,000 ATP	$0 local	$4,306,000 total	E-76 authorized 5/1/23

The 2023 Federal Transportation Improvement Program (FTIP) would need to be revised to remove the $3,061,415 CMAQ funding from the Kern County project before applying the funds to the Bakersfield project. The Kern County funding would normally be applied to CMAQ Contingency projects. There are no Contingency projects.

The preliminary engineering reimbursements for the Cummings Valley project would need to be returned to Caltrans to allow Kern County to reapply for a future cycle of CMAQ.

Kern COG staff seeks Transportation Technical Advisory Committee direction on which option to forward to the Transportation Planning Policy Committee.

Option 1: Select Bakersfield to receive an additional $3,061,415 in CMAQ funding. This option would require an administrative modification to the FTIP. Then Bakersfield would request an E-76 AMOD.

Option 2: Do nothing. If the Kern COG Board approves this option, Kern COG could wait for projects in FY 24/25 to request advancement to FY 23/24 on a case-by-case basis.

Kern COG staff does not have a recommendation due to existing policies in place:

- CMAQ policy requires an applicant council resolution that states: cost increases must be funded by the APPLICANT from other funds, and that APPLICANT does not expect any cost increases to be funded with additional CMAQ funding.

ACTION: Request for Transportation Technical Advisory Committee recommendation to the Transportation Planning Policy Committee.

Kern County Electric Vehicle Public Charging Spaces by Zip Code

November 2023 Report

Kern Council of Governments has set a goal of 4,000 electric vehicle charging spaces in Kern County by 2025. This report shows a 152.48% increase (645 spaces) in the number of charging spaces compared to the baseline inventory established July 2016. This represents an increase of 104 spaces (10.79%) over the May 2023 report of 964 spaces. Highlighted numbers reflect updates from the previous report. Some of this change in inventory may simply be due to better reporting and not new chargers or disconnections. This change in inventory may also include station closings.

The number of parking spaces and station status are validated by telephone and occasionally in person. The primary resource for identifying stations is the Alternate Fuel Data Center (AFDC) Station Locator (www.afdc.energy.gov/locator/stations). The AFDC data was downloaded on October 4, 2023. Plugshare.com and charging station networks are also used to update the inventory. Not all sites list their locations on these websites. Level 1, Level 2, DC Fast Charging, Tesla Superchargers and wall plugs are counted. Note that some chargers may serve more than one parking space. This reports charging *spaces*, not the *charging stations*. This follows along with the expression to move cords, not cars. Public transit charging is not counted in this inventory.

Zip Code	# of Charging Spaces	Baseline July 2016
93202	3	0
93203	**107**	0
93206	34	22
93215	**15**	2
93238	142	123
93240	6	5
93241	4	0
93243	41	13
93249	25	20
93250	**10**	0
93263	2	0
93268	3	0
93276	60	60
93280	8	0
93285	1	1
93301	**82**	19
93303	19	6
93304	11	0
93306	4	0
93307	55	40
93308	**81**	9
93309	**19**	0
93311	35	7
93313	**53**	14
93314	10	0
93501	**59**	7
93505	4	0
93516	4	0
93523	4	0
93527	36	4
93555	45	40
93560	1	2
93561	**85**	29
TOTAL	**1068**	**423**

Eight new locations identified in this reporting period, adding 78 charging spaces:

Wonderful College Perp Academy., Delano, 93215

Bakersfield Mariott, Bakersfield, 93301

Fairfield Inn & Suites, Bakersfield 93308

Union Local 428 IBEW, Bakersfield 93308

7 Eleven, Bakersfield 93308

The Workz Restaurant, Mojave 93501

Baymont By Wyndham, Tehachapi 93561

Surestay Hotel, Tehachapi 93561

Caltrans Districts works with Kern COG and other Metropolitan Planning Organizations in the San Joaquin Valley to identify gaps along highway corridors in order to seek FAST Alternative Fuel Corridor designations of "Corridor Ready" by the Federal Highway Administration. (https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/) Caltrans and the California Energy Commission are implementation partners for the National Electric Vehicle Infrastructure Program (NEVI), which will allocate $384 million to California over 5 years.

Kern Council of Governments

Kern Council of Governments

November 29, 2023

TO: **TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)**

FROM: AHRON HAKIMI, EXECUTIVE DIRECTOR

SUBJECT: DECEMBER MEETING CANCELLATION NOTICE

The meeting of the Transportation Technical Advisory Committee (TTAC) scheduled for Wednesday, December 6, 2023, has been cancelled.

The next regularly scheduled meeting will be Wednesday, January 3, 2024. Agenda materials will be mailed approximately one week prior to the meeting.

The following information items are available on the TTAC webpage:
https://www.kerncog.org/ttac-meetings

INFORMATION ITEMS:

A. Project Update – ATP Cycle 5 Safe Routes for Cyclists in Kern County's Disadvantaged Communities
B. Congestion Mitigation and Air Quality (CMAQ) Program – Workshop Follow-Up #2
C. Cycle 7 Active Transportation Program – Upcoming Statewide Call for Projects
D. FY 2023-24 Kern Region Estimated SB 125 Transit Operations And Capital Project Population-Based Apportionment: $51,329,661

ANNOUNCEMENT:

- Bakersfield-Kern Regional Homeless Collaborative: 2024 Point-in-Time Count Volunteers (see flyer for information).

Kern Council of Governments

December 6, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rochelle Invina-Jayasiri, Regional Planner
Victoria Romero Valdivia, Planning Intern

SUBJECT: **INFORMATION ITEM: A.**
PROJECT UPDATE – ATP CYCLE 5 SAFE ROUTES FOR CYCLISTS IN KERN COUNTY'S DISADVANTAGED COMMUNITIES

DESCRIPTION:

Bike Bakersfield will participate in Christmas parades and monthly community bike rides to practice safe riding skills for the *Safe Routes for Cyclists in Kern County's Disadvantaged Communities* project.

DISCUSSION:

Kern Council of Governments was awarded an Active Transportation Program Cycle 5 grant for the *Safe Routes for Cyclists in Kern County's Disadvantaged Communities* project. Bike Bakersfield is the selected consultant for this project. Within Bike Bakersfield's operational framework, monthly community bike rides are integrated into Cyclist Education (Task D). These recurring bike rides serve the purpose of educating cyclists on equipment, accessories, safe riding skills, and bike maintenance for safe cycling. Bike Bakersfield collaborated with the League of American Bicyclists and contracted local bicycle shops and community members to enrich the ride experience and enhance community-wide participation.

Bike Bakersfield will join community parades throughout the county in December 2023 and will continue to host bike rides through December 2024. For more information, refer to the flyers attached and Bike Bakersfield's website: https://bikebakersfield.org/safe-routes/

Attachments:
Attachment 1 – December & Christmas Community Rides Schedule
Attachment 2 – November 2023 – December 2024 Monthly Community Rides Schedule

DECEMBER COMMUNITY RIDES

*JOIN US FOR A FAMILY-FRIENDLY, ALL-AGES CRUISE THROUGH YOUR COMMUNITY

Kern River Valley - Christmas Parade - Nov, 25th, 11:00 am
Shafter - Christmas Parade - Dec, 1st, 6:30 pm
Lamont - Christmas Parade - Dec, 2nd, 10:00 am
Wasco - Christmas Parade - Dec, 2nd, 6:00 pm
Arvin - Christmas Parade - Dec, 4th, 7:00 pm
Delano - Christmas Parade - Dec, 7th, 6:00 pm
Rathbun - Christmas Parade - Dec, 9th, 10:00 am
Buttonwillow - Buttonwillow Library - Dec, 12th, 5:30 pm
McFarland - McFarland Library - 16th, 5:30 pm
Taft - Taft Library - 19th, 5:30 pm
California City - Balsitis Park - 27th, 5:30 pm
Maricopa - City Park - 30th, 5:30 pm

Kern Council of Governments

kaTa KERN ACTIVE TRANSPORTATION ALLIANCE

Caltrans

BB

California Walks
Stepping Up for Health, Equity, & Sustainability

- Bike maintenance clinics, Mock City bike safety training and Stakeholder meetings to be announced

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes and Kern Council of Governments. This program was funded by an Active Transportation Program Grant through the California Transportation Commision and Caltrans Active Transportation Planning Grant Program.

Scan QR Code for more info

***Schedule to change accordingly**

NOV.2023-DEC.2024 MONTHLY COMMUNITY RIDES

*JOIN US FROM 6:00PM-7:00PM FOR A FAMILY-FRIENDLY, ALL-AGES CRUISE THROUGH YOUR COMMUNITY

Kern River Valley - Old Isabella Coffee - 1st Saturday
Lost Hills - Lost Hills Community Center - 1st Monday
Arvin - Las Palmas Park - 1st Tuesday
Lamont - Lamont Library - 2nd Saturday
Delano - Delano Library - 2nd Monday
Buttonwillow Library - 2nd Tuesday
McFarland - McFarland Library - 3rd Saturday
Rathbun - Rathbun Library - 3rd Monday
Taft - Taft Library - 3rd Tuesday
Shafter - Tony's Pizza - Last Monday
California City - Balsitis Park - Last Wednesday
Maricopa - City Park - Last Saturday
Wasco - Barker Park - Last Tuesday

KATA KERN ACTIVE TRANSPORTATION ALLIANCE

Caltrans

Kern Council of Governments

BB

California Walks
Stepping Up for Health, Equity, & Sustainability

Bike maintenance clinics, Mock City bike safety training and Stakeholder meetings to be announced

This program is a collaboration of Bike Bakersfield, California Walks, the Kern County Library, Snider's Cyclery, Finish Line Bikes and Kern Council of Governments. This program was funded by an Active Transportation Program Grant through the California Transportation Commision and Caltrans Active Transportation Planning Grant Program.

Scan QR Code for more info

*SCHEDULE TO CHANGE ACCORDINGLY

Kern Council of Governments

December 6, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: **INFORMATION ITEM: B.**
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM – WORKSHOP FOLLOW-UP #2

DESCRIPTION:
Kern COG staff update on activities since the November 1, 2023 TTAC meeting.

DISCUSSION:
Background
Nineteen CMAQ applications were received for the 2023 CMAQ Call for Projects, requesting $49.2 million in CMAQ funds. The CMAQ application summary and applications received were posted to the Kern COG website at http://www.kerncog.org/category/docs/ftip/. Kern COG staff has continued to work with project applicants to clarify the following concerns:

- Purpose and need issues;
- Potentially ineligible project elements;
- Emission calculation inputs and formulas;
- Cost effectiveness based on revised emission calculations; and
- Verification of cost estimates.

Activities Since the November 1, 2023 TTAC meeting

- Kern COG staff transmitted the Carbon Reduction Program project alignment confirmation forms for two City of Bakersfield adaptive signal projects - Project #2: Calloway Drive from Rosedale Highway to Olive Drive and Project #5: Panama Lane from Gosford Road to Akers Road. On November 22, 2023, Caltrans responded with signed confirmation forms.

- The City of Bakersfield submitted revised Project #2 and Project #5 applications that included local funds for the preliminary engineering phase. This allowed the projects to be introduced into the Federal Transportation Improvement Program (Amendment No. 10) using local funds for preliminary engineering only. Once the Kern COG Board approves the final program of projects, then the Carbon Reduction Program funding (and required local match) can be added to the projects.

- Kern COG staff transmitted two questionable City of Bakersfield corridor improvements applications - Project #4: H Street and Project #7: 18th and 19th Street - for Caltrans CMAQ eligibility review. Kern COG staff received responses from Caltrans headquarters that needed further investigation at the Caltrans District 6 level. On November 17, 2023, Kern COG met with Caltrans District 6 to initiate the CMAQ review. On November 21, 2023, Kern COG met with Caltrans District 6 and Bakersfield to discuss in more detail which components of the projects were CMAQ eligible. The City of Bakersfield staff will submit revised applications for Project #4 and Project #7.

Upcoming Activities/Dates

- Kern COG staff is preparing the draft program of projects. Kern COG will circulate the draft as part of the January Transportation Technical Advisory Committee and Transportation Planning Policy Committee meetings.

- Kern COG staff will circulate the final program of projects as part of the February Transportation Technical Advisory Committee and Transportation Planning Policy Committee meetings.

Kern Council of Governments

December 6, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Irene Enriquez, Regional Planner

SUBJECT: **INFORMATION ITEM: C.**
CYCLE 7 ACTIVE TRANSPORTATION PROGRAM – UPCOMING STATEWIDE CALL FOR PROJECTS

DESCRIPTION:

The California Transportation Commission (CTC) anticipates initiating the statewide Cycle 7 Active Transportation Program (ATP) call for Projects at their March 21-22, 2024, meeting, with a project application due date of June 17, 2024.

DISCUSSION:

At their October 31,2023 workshop, CTC staff provided a finalized schedule for the rollout of the 2025 ATP Cycle 7 call for projects. Announcements made regarding this roll-out include 1) the offer to provide meetings with the CTC staff on Tuesdays and Thursdays, October 2023 through March 2024; and 2) requirement for applicants to provide census tracts for the project area to comply with the Justice40 Initiative. Additional information on these items circulated as it becomes available.

Please check the CTC ATP resource page for more information. We are providing the following information to reflect upcoming key timeline benchmarks that span from March 2024 all the way through June 2025 for the full cycle. Potential applicants should use the following links to ensure access to up-to-date information for the 2025 Cycle 7 ATP information:

https://catc.ca.gov/programs/active-transportation-program and
https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program

CTC 2025 Cycle 7 Active Transportation Program Timeline

Benchmark Activity	Date
Draft ATP Guidelines presented to Commission	January 25-26, 2024
Draft ATP Fund Estimate presented to Commission	January 25-26, 2024
Commission hearing and adoption of ATP Guidelines	March 21-22, 2024
Commission adopts ATP Fund Estimate	March 21-22, 2024
Call for Projects	March 21-22, 2024
Application Deadline **(via Submittable-New Portal)**	June 17, 2024
CTC staff recommendation for statewide applications	November 1, 2024
CTC adoption of statewide selected applications	December 5-6, 2024
Deadline for MPO draft project recommendations	February 21, 2025
Deadline for MPO final project recommendations	April 22, 2025
CTC recommendations for MPO component are posted	June 2, 2025
Commission adopts MPO selected projects	June 2025

Kern Council of Governments

December 6, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Robert M. Snoddy, Regional Planner

SUBJECT: **INFORMATION ITEM: D.**
FY 2023-24 KERN REGION ESTIMATED SB 125 TRANSIT OPERATIONS AND CAPITAL PROJECT POPULATION-BASED APPORTIONMENT: $51,329,661

DESCRIPTION:

Kern COG staff has prepared the final FY 2023-24 apportionment schedule for the TIRCP and ZETCP based solely on population only per CalSTA staff recommendation.

DISCUSSION:

On Tuesday, November 7, 2023, Kern COG staff received a response from CalSTA staff regarding the need to apportion TIRCP and ZETCP funds in two portions: 99313 regional and 99314 local (or member agency share). CalSTA staff informed Kern COG staff that the TIRCP and LETCP funds should be apportioned by population only.

SB 125 (Chapter 54, Statutes of 2023) guides the distribution of $4 billion in state General Funds through the Transit and Intercity Rail Capital Program (TIRCP) on a population-based formula to regional transportation planning agencies, which will have the flexibility to use the money to fund transit operations or capital improvements. Kern COG staff estimates that SB 125 Transit funds will be apportioned over five consecutive years. However, Kern COG and member agencies are required to provide a four-year financial plan that illustrates how the funds will be spent in the fiscal year.

The transportation bill also establishes the $1.1 billion Zero-Emission Transit Capital Program (ZETCP) to be allocated to regional transportation planning agencies on a population-based formula and another formula based on revenues to fund zero-emission transit equipment and operations. SB 125 includes an accountability program to govern the distribution of these funds, on which there is more detail below.

Eligible recipients of funding are the Regional Transportation Planning Agencies (RTPAs), as defined in Section 13987(j) of the Government Code. Kern COG is the RTPA for Kern County. Funding distributions will only be made to the RTPAs, using fund transfer instructions confirmed with CalSTA by the RTPA prior to transfer, which may in turn make funding available to public agencies in their jurisdiction. RTPAs have the discretion to suballocate or redistribute funds within their region based on local needs, existing procedures, policies, or priorities, if required SB 125 program requirements

and goals are met, including addressing how operating needs are expected to be met with SB 125 and/or other resources. **Funds should be apportioned to Kern COG between December 31, 2023, and April 2024.**

Kern COG staff received an apportionment estimate from Caltrans staff for the Kern Region for the Transit and Intercity Rail Capital Program (TIRCP). Caltrans will administer the TIRCP funding program in two accounts by population.

TIRCP Objectives

The TIRCP was created to fund transformative capital improvements that modernize California's intercity rail, bus (including feeder buses to intercity rail service, as well as vanpool and microtransit services that are eligible to report as public transit to the Federal Transit Administration), to achieve all of the following policy objectives, as codified in Section 75220(a) of the Precythe rail service of the state's various rail operations, including integration with the high-speed rail system.

1. Reduce emissions of greenhouse gases
2. Expand and improve transit service to increase ridership
3. Integrate the rail service of the state's various rail operations, including integration w/ the HSR system
4. Improve transit safety

Further, as outlined in SB 125, which amended the Budget Act of 2023, it is the intent of the Legislature to:

1. Provide one-time multiyear bridge funding for transit operators to address operational costs until long-term transit sustainability solutions are defined. The availability of transit for riders who are transit dependent.
2. Assist transit operators in preventing service cuts and increasing ridership.
3. Prioritize the availability of transit for riders who are transit dependent.
4. Prioritize transit agencies representing a significant percentage of the region's ridership.

To that end, SB 125 specifies that the monies appropriated in the Budget Act of 2023 may be used either for high-priority transit capital projects or, subject to compliance with requirements described in Section 6 of the guidelines, to use those moneys to fund transit operating expenses within its jurisdiction in response to transit hardships (addressing the transit operational deficits due to ridership loss impacts lingering from the pandemic).

TIRCP Eligibility

Eligibility for TIRCP tracks with the existing competitive program: rail capital projects (including acquisition of rail cars and locomotives, that expand, enhance, and improve existing systems connectivity): intercity, commuter, and urban rail that increases service levels, improve reliability, or decrease travel times; rail, bus, and ferry integration; and bus rapid transit and other bus and ferry investments that increase ridership and reduce GHG emission. CalSTA will apportion TIRCP funds to Kern COG in two consecutive payments of $46,278,687 during FY 2023-24 and $46,394,777 in FY 2024-25.

TIRCP Final FY 2023-24 Regional Apportionment Schedule

	Population	Apportionment %	Total Apportionment
Arvin	22,014	2.4110%	$1,108,563
California City	14,120	1.5465%	$711,044
Delano	51,070	5.5933%	$2,571,742
GET	552,749	60.5387%	$27,834,899
McFarland	14,044	1.5381%	$707,216
Ridgecrest	29,591	3.2409%	$1,490,120
Shafter	20,448	2.2395%	$1,029,704
Taft	7,142	.7822%	$359,651
Tehachapi	12,008	1.3152%	$604,689
Wasco	26,815	2.9369%	$1,350,328
Kern Transit	163,050	17.8577%	$8,210,741
Kern COG			$300,000
Regional TIRCP Total			**$46,278,687**

ZETCP Eligibility

Funds may be allocated for funding zero-emission transit equipment, including, but not limited to, zero-emission vehicles and refueling infrastructure; and funding transit operation expenditures that prevent service reduction or elimination to maintain or increase transit ridership (if consistent with an approved regional short-term or long-term financial plan.)

ZETCP Use

Projects may include new approaches to attracting increased ridership such as smart mobile ticketing, contactless payment, or other software and hardware solutions to reduce ticketing transaction costs, or a test of a concept related to integrated ticketing, as well as intercity rail/transit effectiveness or operational planning as a component of the capital investments in improved, expanded and or restructure service designed to cost-effectively increase ridership.

Pursuant to SB 125, clean fleet, facility, and network improvement projects that support agencies replacing aging vehicle fleets with Zero Emission Vehicles (ZEVs), and associated fueling or charging infrastructure or facility modifications, are also eligible under the Zero-Emission Transit Capital Program. ZETCP funds will be apportioned by CalSTA in four annual payments.

ZETCP Final FY 2023-24 Regional Apportionment Schedule

	Population	Apportionment %	Total Apportionment
Arvin	22,014	2.4110%	$120,575
California City	14,120	1.5465%	$77,338
Delano	51,070	5.5933%	$279,721
GET	552,749	60.5387%	$3,027,524
McFarland	14,044	1.5381%	$76,922
Ridgecrest	29,591	3.2409%	$162,076
Shafter	20,448	2.2395%	$111,998
Taft	7,142	.7822%	$39,119
Tehachapi	12,008	1.3152%	$65,771
Wasco	26,815	2.9369%	$146,871
Kern Transit	163,050	17.8577%	$893,059
Kern COG			$50,000
Kern Region Total	**$5,050,974**		**$5,050,974**

Kern COG staff will notify its member agencies as to when TIRCP and ZETCP funds have been received so that member agencies may know when to begin projects. Kern COG will be apportioned $350,000 from the FY 2023-24 apportionment to administer the TIRCP and ZETCP funding programs. For further information, contact Bob Snoddy at 661-635-2916, 661-477-2205 (cellphone) or email bsnoddy@kerncog.org.

Help address homelessness in our community.

Sign up to volunteer for the

Bakersfield Kern BKRHC REGIONAL HOMELESS COLLABORATIVE

2024 Point-in-Time Count

On Wednesday, January 24, 2024, from 4:00 a.m. to 9:00 a.m., teams of volunteers across Kern County will come together to count the number of people experiencing homelessness in our communities.

The Point-in-Time (PIT) Count provides a snapshot view of homelessness in our county. We depend on an accurate PIT Count to know the needs of our community.

Volunteers are an important part of our PIT Count. We depend on community members to survey our communities and make sure every one of our neighbors experiencing homelessness is counted.

Here's How You Can Help

1. Sign Up

Register for Training

Register by January 7, 2024

2. Attend Training

All volunteers are required to attend a mandatory 2-hour training. You can choose in person or zoom training during registration.

3. Show Up

Arrive on Wednesday, January 24 at 4:00 a.m. to survey the number of people experiencing homelessness in our community.

For more information, including FAQs, visit http://bkrhc.org/2024-pit-count or email coordinator@bkrhc.org.