# 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	SECONDARY MEETING LOCATIONS (Teleconference):
Bakersfield, CA 93301	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	Palos Verdes Terrace Apartments 5762 Ravenspur Dr Rancho Palos Verdes, CA 90272
Access Code: 269-963-557  New to GoToMeeting? Get the app now and be ready when your first meeting starts: <a href="https://global.gotomeeting.com/install/269963557">https://global.gotomeeting.com/install/269963557</a>	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. <u>FY 2022-23 TDA PUBLIC TRANSIT & STREET & ROADS CLAIMS – CITY OF TEHACHAPI</u> (Banuelos)

<u>Comment:</u> 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.

<u>Action</u>: 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. <u>CALL FOR PROJECTS: TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 PROGRAM</u> (Enriquez)

<u>Comment:</u> 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).

<u>Action</u>: Member agencies submit project proposals to Kern COG no later than **5:00 p.m. on** Friday June **2, 2023.** 

# VI. <u>DRAFT KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO)</u> <u>SUSTAINABILITY STUDY PHASE</u> 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)

<u>Comment:</u> 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)

<u>Comment:</u> 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)

<u>Comment:</u> 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. <u>INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM</u> (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 1401 19<sup>th</sup> Street, Suite 300 BAKERSFIELD, CALIFORNIA Wednesday April 5, 2023 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. <u>FY 2022-23 KERN REGION ESTIMATED LOW CARBON TRANSIT OPERATIONS PROGRAM</u> (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. <u>KERN MEDIUM- AND HEAVY-DUTY ZERO EMISSION VEHICLE INFRASTRUCTURE</u> <u>BLUEPRINT FINAL DRAFT</u>

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. <u>FEDERAL BRIDGE AND PAVEMENT CONDITION PERFORMANCE MEASURE TARGET</u> 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 10<sup>th.</sup>
- 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.





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:

<u>Claimants</u>	<u>LTF</u>	STAF	<u>TOTAL</u>
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.





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 <a href="https://www.kerncog.org/wp-content/uploads/2023/03/TDA3">https://www.kerncog.org/wp-content/uploads/2023/03/TDA3</a> 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	POPULATION	POPULATION	L.T.F.	S.T.A.F.		S.T.A.F.	S.T.A.F.	TOTAL
Claimant	BASIS	RATIO	POPULATION	POPULATION	REVENUE	REVENUE	REVENUE	APPORTIONMENT
	01/01/22		APPORTIONMENT	APPORTIONMENT	BASIS	RATIO	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 COIN (1)	149,088	16.39%	\$ 7,965,041.61	\$ 1,778,938.38	0	0.00%	\$ -	\$ 9,743,979.99
KERN COOUT	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
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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%			N/A		\$ -	\$ 1,582,426.01
ESTIMATED TOTAL	N/A		\$ 54,367,690.92	\$ -	N/A		\$ -	\$ 65,888,050.92

\$ 54,367,690.92

NOTES:

(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.

<sup>(1)</sup> 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.

#### Kern Council of Governments

## TRANSPORTATION DEVELOPMENT ACT

# SCHEDULE "B" PLANNING CONTRIBUTIONS BY AREA OF APPORTIONMENT Fiscal Year 2023-2024

Revised: March 24, 2023			
Prospective	POPULATION		
Claimant	BASIS	RATIO	CONTRIBUTION
ARVIN	at 01/01/22 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		. , ,





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





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

TTAC Meeting 2024 SHOPP May 3, 2023 Page 2

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	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.

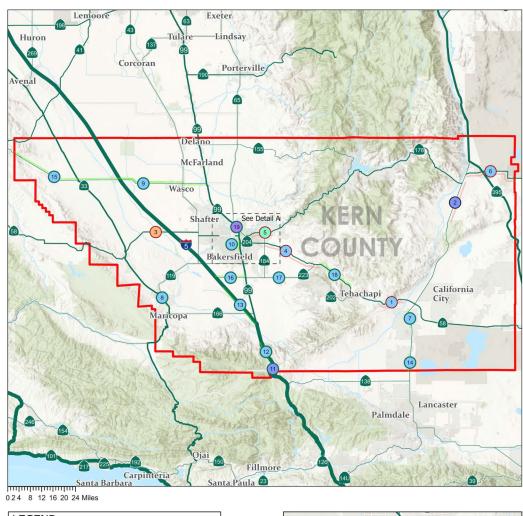
Enclosures: Attachment A: Draft 2024 SHOPP List of Projects with Map

#### Attachment A: Draft 2024 SHOPP List of Projects with Map



#### Caltrans District 6 Projects of Regional Significance State Highway Operation & Protection Program **DRAFT 2024 SHOPP Project List** Projects within the County of Kern









## 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



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 Nilles, 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 I5 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, IIIA - Infrastructure Investments and Jobs Act, MMBN - Middle Mile Broadband Network, SB1 - Senate Bill 1
\*\*\*Total Project Cost - Included in first row of project.





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	<del>June 15, 2022</del>
CTC staff recommendation for statewide applications DONE	October 21, 2022
CTC adoption of statewide selected applications DONE	<del>December 7-8, 2022</del>
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

May 3, 2023 TTAC Page 2 Cycle 6 ATP

**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	EN	IV	DESIGN	ROV	N	CONS	Received
29	Bakersfield, City of	School Flashing Yellow Beacons	\$ 803,0	00	\$ -	\$ 803,000	\$	020	\$ 143,000	\$	979	\$ 660,000	06/15/22
35	Bakersfield, City of	California Avenue (Marella Way to Planz Rd)	\$ 5,461,0	00	\$ -	\$ 5,461,000	\$	790	\$ 975,000	\$	040	\$ 4,486,000	06/15/22
39	Bakersfield, City of	California Avenue (Oleander Ave to R St)	\$ 1,980,0	00	\$ -	\$ 1,980,000	\$	823	\$ 353,000	\$	323	\$ 1,627,000	06/15/22
40	Bakersfield, City of	Kern River North of 24th Street	\$ 2,758,0	00	\$ -	\$ 2,758,000	\$ 29.	5,000	\$ 197,000	\$	040	\$ 2,266,000	06/15/22
48	Bakersfield, City of	Bakersfield Bicycle Facilities	\$ 263,0	00	\$ -	\$ 263,000	\$	523	\$ -	\$	101	\$ 263,000	06/15/22
50	Bakersfield, City of	Monterey St (Alta Vista Dr to Brown St)	\$ 4,789,0	00	\$ -	\$ 4,789,000	\$	051	\$ 855,000	\$	1001	\$ 3,934,000	06/15/22
55	Kern County - D6	Niles Street Safety Project	\$ 1,785,0	00	\$ 260,000	\$ 1,525,000	\$ 1	0,000	\$ 250,000	\$	020	\$ 1,525,000	06/15/22
56	Caltrans	City of Arvin HAWK- Arvin's "Walk on Walnut Crosswalk Beacon"	\$ 1,398,0	00	\$ 200,000	\$ 1,198,000	\$ 12	0,000	\$ 80,000	\$ 137	7,000	\$ 1,061,000	06/15/22
57	Bakersfield, City of	Arvin-Edison Canal Multi-Use Path	\$ 9,940,0	00	\$ -	\$ 9,940,000	\$ 71	0,000	\$ 1,065,000	\$	0.00	\$ 8,165,000	06/15/22
60	Tehachapi, City of	Northside Neighborhood Complete Sidewalk & Bicycle Lane Project	\$ 3,494,0	00	\$ -	\$ 3,494,000	\$ 2	5,000	\$ 370,000	\$ 39	9,000	\$ 3,060,000	06/14/22
66	Bakersfield, City of	H Street Corrior (SR-204 to Hwy 58)	\$ 8,454,0	00	\$ 5,300,106	\$ 3,154,000	\$	10 <b>5</b> 0	\$ 1,509,000	\$	1.50	\$ 6,945,000	06/15/22
70	Taft, City of	10th St & San Emidio St - Intersection Safety Improvements	\$ 455,0	00	\$ -	\$ 455,000	\$ .	5,000	\$ 42,000	\$	(4)	\$ 408,000	06/15/22
71	Delano, City of	ATP-6 SRTS Sidewalk Gap and Crosswalk Improvement Project	\$ 703,0	00	\$ -	\$ 703,000	\$	976	\$ 75,000	\$	174	\$ 628,000	06/13/22
72.5	Wasco, City of	Central Avenue Class I & Class II Bicycle Trails	\$ 660,0	00	\$ -	\$ 660,000	\$ .	5,000	\$ 71,000	\$	200	\$ 584,000	06/15/22
78	Kern County - D6	Safe Route To School (SRTS) ADA Crosswalk Safety	\$ 2,342,0	00	\$ 582,000	\$ 1,760,000	\$ 1	0,000	\$ 344,000	\$	N24	\$ 1,988,000	06/15/22
80.5	Kern County - D6	Kern River Parkway Multi-use Path Safety & Connectivity Project	\$ 8,035,0	00	\$ 1,235,000	\$ 6,800,000	\$ 10	0,000	\$ 1,150,000	\$	3. <del>4</del> .4	\$ 6,785,000	06/15/22
84	Kern County - D6	Mt Vernon SRTS Safety Project	\$ 3,248,0	00	\$ 384,000	\$ 2,864,000	\$ 1	0,000	\$ 374,000	\$	SER	\$ 2,864,000	06/15/22
87	Tehachapi, City of	Valley Boulevard and Mill Street Gap Closure Project	\$ 3,266,0	00	\$ -	\$ 3,266,000	\$ 6.	5,000	\$ 315,000	\$ 200	0,000	\$ 2,686,000	06/15/22
91	Kern County - D6	Norris Pedestrian and Railroad Safety Project	\$ 9,793,0	00	\$ 1,011,000	\$ 8,782,000	\$ 1	0,000	\$ 1,059,000	\$ 2,600	0,000	\$ 6,124,000	06/15/22
		TOTALS FOR ALL APPLICATIONS	\$ 69,521,0	00	\$ 3,672,000	\$ 65,849,000	\$ 1,36	5,000	\$ 9,227,000	\$ 2,97	6,000	\$ 55,953,000	
		ATP PROJECT FUNDED BY THE STATE	\$ 9,793,0	00	\$ 1,011,000	\$ 8,782,000							
		PROJECTS RECOMMENDED FOR MPO SHARE FUNDING	\$ 18,972,0	00	\$ 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.

Prepared by Kern Council of Governments February , 2023





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 Re	gional Trai	nsportation 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

May 3, 2023 TTAC Meeting 2024 RTIP Page 2

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.

May 3, 2023 TTAC Meeting 2024 RTIP Page 3

**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

						K	Cern												
										t Totals	by Fisca	l 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 Proje	cts:																		
Kern COG	$\Box$	6L03	Planning, programming, and monitoring			Dec-21	300	300	0	0	0	0	0	0	300	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 Ins, Browns Material Rd-CA Aquaduct, 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		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	Prograi	mmed or Voted since July 1, 2021				63,002												
COVID Project	S																		
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	Prograi	mmed or Voted since July 1, 2021				4,958	2,272	2,686	0	0	0	0	2,686	0	2,272	0	0	0

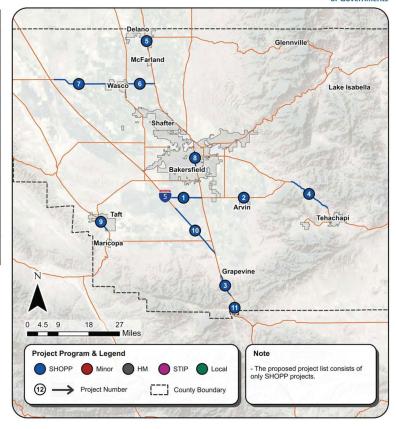
63,002
63,002
0
0
6,414
4,958
0
0
1,456



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



							Constr	uction
No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Cost (\$K)	Year
	PROPOS	SED PI	ROJEC	T LIST (YEA	RS 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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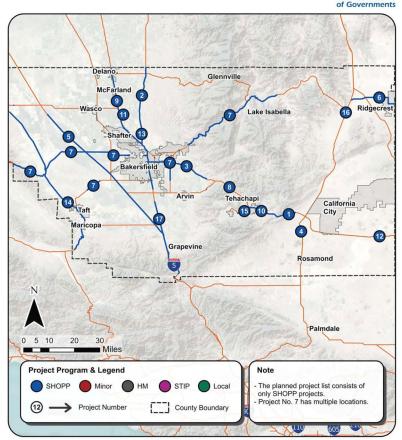
Proposed Project List (Year 6-7)



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

Kern C	ouncil

							Constr	uction
No	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Cost (\$K)	Year
	PLANNE	D PRO	JECT	LIST (YEARS				
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	САРМ	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
1	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	САРМ	Future	\$13,058	2028/2
14	19564	6	33	17.9 / 24.0	САРМ	Future	\$7,991	2028/2
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	2028/2
16	21985	9	14	56.3 / 56.4	In Kern County at Freeman Gulch Bridge (No. 50-0014)	Future	\$2,463	2028/2
17	19556	6	99	0.00 / 10.50	CAPM SB only	Future	\$13,724	2028/2



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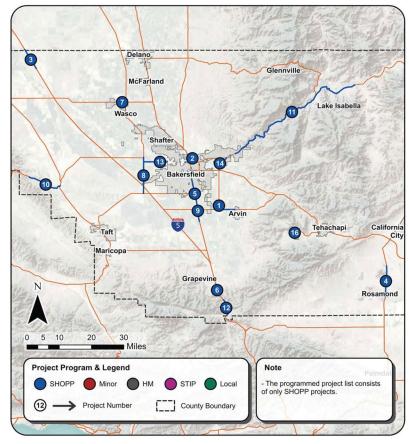
Planned Project List (Year 8-10)



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



							Constr	uction
No.				Post Miles		Phase	Cost (\$K)	Year
	PROGR	AMME	D PRO	JECT 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	2020/2
11	0X520	6	178	VAR / VAR	Weedpatch to Lake Isabella Rumble Strips / Construct Centerline and Shoulder Rumble Strips	CON	\$6,513	2020/2
12	1A600	6	5	R0.0 / 5.0	Kern 5 Emergency Pavement Repairs / Repair Damaged Pavement	CON	\$1,638	2020/2
13	0U110	6	58	39.9 / 46	West Rosedale CAPM / Pavement Preservation (CAPM)	ENV	\$12,400	2020/2
14	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	\$12,140	2020/2
15	0X770	6	43	25.2 / 25.4	Wasco SR43/46 Intersection Improvements / Intersection Improvements	ENV	\$10,100	2021/2
16	36750	9	202	0.25 / 0.25	Tehachapi Maintenance Station Relocation / Construct New Maintenance Station	DES / ROW	\$16,783	2021/2



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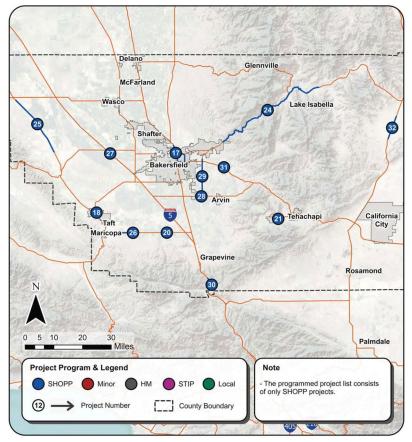
Programmed Project List (Year 1-5) - Part I



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



							Constr	uction
No.	Project			Post Miles	Project Title / Description	Phase	Cost (\$K)	Year
	PROGRA	AMME	D PRO	JECT 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	0Т000	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



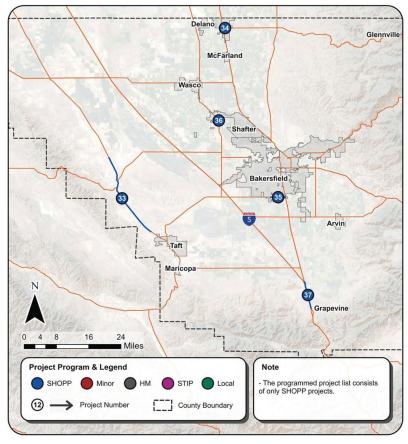
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KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE PROGRAMMED PROJECT LIST (YEARS 1-5) - PART III



							Constr	uction	
No.	Project	Dist	RTE	Post Miles	Project Title / Description	Phase	Cost (\$K)	Year	
	PROGRA	AMME	PRO	JECT LIST	YEARS 1-5)				
33	0X240	6			KER 33 Culvert Rehab / Repair & Replace Culverts.	ENV	\$11,430	2023/24	
34	0W810	6			Delano SR-155 Rehab (3R) / Roadway Rehabilitation (3R)	ENV	\$16,740	2023/24	
35	0V610	6	119		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		Wheeler Ridge CAPM / Pavement Preservation (Multi-Asset CAPM)	ENV	\$22,350	2023/24	



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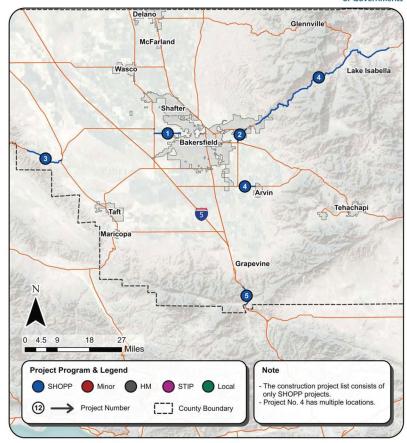
Programmed Project List (Year 1-5) - Part III



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



							Constr	uction
No.	Project	Dist	RTE	Post Miles		Phase	Cost (\$K)	Year
	CONSTR	UCTIO	N REA	DY PROJECT	LIST (READY TO LIST ACHI	EVED)		
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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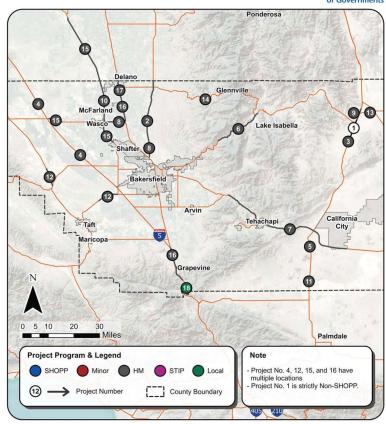
Construction Ready Project List



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



							Constr	PROFESSION AND ADDRESS OF THE PERSON AND ADD
No.	Project			Post Miles	Project Title / Description	Phase	Cost (\$K)	Year
	NON-SH	OPP P	ROJE	CT 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
1	1A890	6	43	25.2 / 38.807	Pavement Preservation / RHMA Type G with Digouts	CON	\$5,425	2020/21
1	38660	9	14	R3.0 / R3.0	Landscaping / Irrigation Repair	CON	\$32	2020/21
Œ	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
1	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
1	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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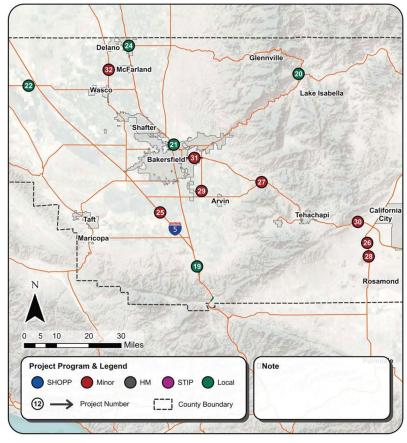
Non-SHOPP Program Project List - Part I



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



							Constr	uction
No.	Project			Post Miles	Project Title / Description	Phase	Cost (\$K)	Year
	NON-SH	IOPP P	ROJE	CT 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	2021/2
22	1A220	6	46	30.5/30.5	Lost Hills Pedestrian OC / Construct Pedestrian Overcrossing	DES	\$1,300	2020/2
23	48451	6	99	27.3/27.3	Hageman Flyover - Pedestrian Overcrossing / Pedestrian Overcrossing	DES	\$0	2021/2
24	1A500	6	155	0.47/0.47	SR-155/Lexington Intersection Improvement / Intersection Improvement	ENV	\$498	2021/2
25	0Т030	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	2020/2
26	37710	9	14	R15.5 / R15.5	Mojave Special Crews Building Remodel / Remodel Maintenance Station	CON	\$2,273	2020/2
27	1A330	6	58	76.1 / 76.6	KER 58 Eastern Kern Lane Replacement / Remove and Replace #2 Lane	ENV	\$1,900	2021/2:
28	37730	9	14	L16.6 / L16.6	Mojave HMS Phase III / Construct Phase Three of Maintenance Station	CON	\$2,273	2020/2
29	0V290	6	184	1.5 / 1.5	Safety Improvements / In Kern County, in Lamont at Hall Road. Modify traffic signal.	DES	\$327	2021/2:
30	38180	9	58	R107.0 / R107.0	Ca 58 CMS Maintenance Pull Out / Construct Pull Out	CON	\$382	2020/2
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	2021/2
32	0N590	6	43	30.4 / 30.4	Safety - Collision Reduction / In Kern County, at Sherwood Avenue. Extend culvert.	DES	\$250	2021/2



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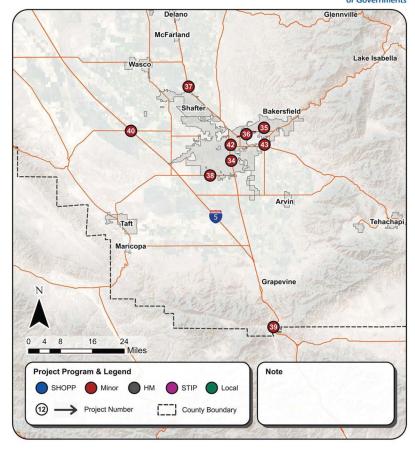
Non-SHOPP Program Project List - Part II



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



							Constr	uction
No.	Project			Post Miles	Project Title / Description	Phase	Cost (\$K)	Year
	NON-SH	OPP P	ROJE	CT 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	2020/2



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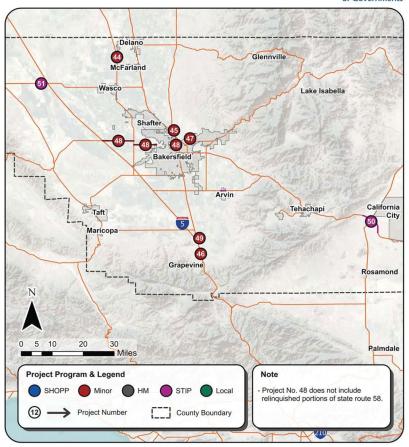
Non-SHOPP Program Project List - Part III



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



							Constr	uction
No.				Post Miles	Project Title / Description	Phase	Cost (\$K)	Year
	NON-SH	OPP P	ROJE	CT 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
<u>51</u>	24340	6	58	173.3/189.9	Mojave Bypass Closeout / Bypass	Closeout	\$87,010	Future



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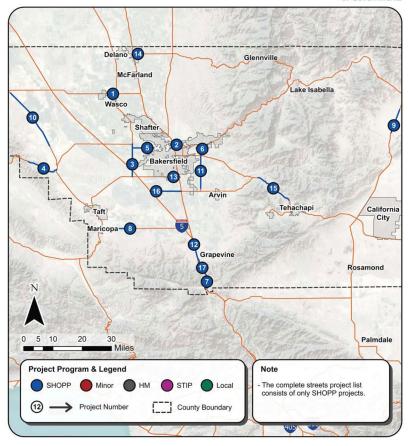
Non-SHOPP Program Project List - Part IV



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



							Construction	
No.				Post Miles	Project Title / Description	Phase	Cost (\$K)	Year
	COMPLE	TE ST	REET	SPROJECT		3		
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	2020/2
6	0U430	6	184	8.3 / 12.13	Morning Drive 3R Rehab / Roadway Rehabilitation (3R)	DES / ROW	\$12,140	2020/2
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 Contor 3P Pohah / Poadway	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	2024/2
16	1C060	6	223	1.85 / 10.5	Kern 223 Rehab / Remove and Replace HMA (Full Depth Recycle)	ENV	\$9,877	2024/2
17	0W920	6	5	4.4 / 10.20	Grapevine Rehab / Pavement Rehabilitation (2R)	ENV	\$95,658	2024/2



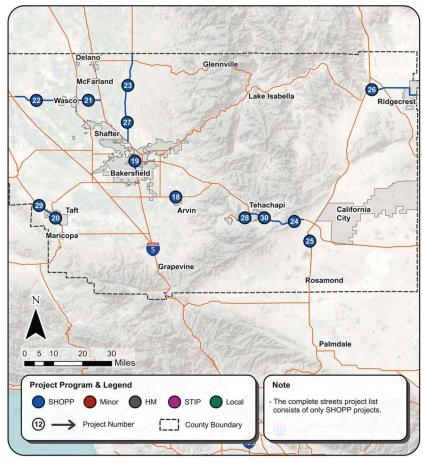
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# KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE COMPLETE STREETS PROJECT LIST - PART II



							Construction					
No.	Project			Post Miles	Project Title / Description	Phase	Cost (\$K)	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	САРМ	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	САРМ	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	САРМ	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



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

## 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	- 1
Wheeler Ridge Rd;Le Gray Rd-Rte 223	\$3,970,000				\$1,100,000	- 1
Rte 14; old Rte 58-Phillips Rd	\$3,550,000				\$420,000	- 1
Rte 46; SLO Co. line-Keck's Corner *a	\$3,185,000				\$365,000	
Rte 46; Wasco Rte 43 NJumper Ave	\$2,185,000				\$1,000,000	- 1
Rte 58; in Tehachapi at Dennison Rd	\$1,685,000				\$500,000	- 1
Rte 119; in Taft, Cherry-Tupman	\$868,000				\$817,000	- 1
Rte 184; Rte 223-Panama Lane	\$254,000				\$614,000	- 1
Rte 395; Inyo CoOlancha/Cartago	\$139,000				\$115,000	
1998 Balance	\$139,000* <sup>b</sup>		\$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	- 1
Rte 46; Keck's Road to I-5 * <sup>a</sup>	\$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* <sup>d</sup>	\$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 NJumper 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* <sup>c</sup>	\$72,132,000		\$24,643,800	60%	\$16,429,200	40%
STIP PPM	\$71,773,000	\$359,000				
Westside Parkway* <sup>d</sup>	\$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 NJumper 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 \$7,733,400 60% \$5,155,600 40% \$13,014,000 \$12,889,000 \$125,000 \$11,720,000 \$1,169,000 Rte 58; in Tehachapi at Dennison Rd Rte 395; China Lake Blvd to Rte178 \$11,280,000 \$440,000 Rte 395; Invo Co.-Indep. Mitigation \$11,200,000 \$80,000 7th Standard Road (West) - Shafter \$11,200,000 \$0 2006 Balance \$12,889,000 100% \$0 0% 2006 RTIP Augmentation \$20,592,000 \$1,843,200 60% \$1,228,800 40% STIP PPM \$19,772,000 \$820,000 Westside Parkway\*<sup>d</sup> \$16,700,000 \$3.072.000 Rte 46; Keck's Road to Rte 33\*° \$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 \$61,756,800 60% \$41,171,200 40% \$164,761,000 \$161,598,000 \$3,163,000 Westside Parkway\*<sup>d</sup> \$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\* \$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% \$52,700,000 \$1,777,000 Westside Parkway \$2,700,000 \$50,000,000 SR 99: South \$2,700,000 2010 Balance \$52,700,000 100% \$0 0% 2012 RTIP Committed Programming \$9,232,800 60% \$6,155,200 40% \$16,318,000 \$15,388,000 \$930,000 Rte 14; near Rte 178 \$9,868,000 \$5,520,000 Rte 395; Inyo Co. Olancha/Cartago \$2.168.000 \$7,700,000 West Ridgecrest Blvd \$1,500,000 \$6,200,000 Challenger Drive Ext. \$1,500,000 2012 Balance 0% \$0 \$15.388.000 100% \$5,803,000 60% 2014 RTIP Committed Programming \$3 123 000 \$2,082,000 40% \$598,000 \$5,205,000 Rte 119; Truck Climbing Lane \$5,205,000 \$0 2014 Balance 0% \$5,205,000 100% \$0 2016 RTIP Respreading Budget\* \$38,398,000 \$22,560,600 60% \$15,040,400 40% \$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

## 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	- 1
Rte 46; Brown Mate/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	- 1
Rte 46; Brown MatCA Aqueduct; 4C	\$9,295,000				\$5,450,000	- 1
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* <sup>a</sup>	\$32,638,000				\$4,124,000	
Rte 46; Brown MatCA 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* <sup>e</sup>			\$235,449,000	60%	\$156,658,000	40%
			\$235,264,200	60%	\$156,842,800	40%
			\$184,800		-\$184,800	

#### Notes:

<sup>\*</sup>a As per \$45 million total commitment.

 $<sup>\</sup>star^{\text{b}}$  Carryover included in the next RTIP fund estimate because no project was ready to utilize for any phase of development.

<sup>★°</sup> The 2006 RTIP and 2016 RTIP do not offer any new programming dollars instead existing unallocated programming from previous RTIP cycles has been respread.

<sup>\*</sup>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.

<sup>\* &</sup>quot;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 COUNC	KERN COUNCIL OF GOVERNMENTS - 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - BASELINE CAPITAL IMPROVEMENT PROGRAM (\$ X 1,000)																			
		<b>&gt;</b>			NT A				SUMMA	ARY OF ALL	FUNDING S	OURCES		KCOG R	TIP CAPITA	L IMPROV	EMENT P	ROGRAM -	RIP ONLY	
PROJECT DESCRIPTION	NOTES	PRIORIT	l '		POSED PROJECT TOTAL		KCOG ALL RIP		KCOG			PRIOR	2022	STIP CARRY	OVER	N	IEW 2024 R	ΠP	2024 RTIP	
	ON	SE S	SHARE RIP	OTHER	TOTAL	YEAR	2024-25	2025-26	2026-27	2027-28	2028-29	MAX SHARE	APDE							
PLANNING, PROGRAMMING & MONITORING \$ 1,591 \$ 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	В	•	•	•	•	\$ 63,723	\$ 2,686	\$ -	\$ 2,686	\$ 61,037	\$ 63,723	\$ 2,686	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SR 58 TRUCK CLIMBING LANES	6	В	•				\$ 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.





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: <a href="https://www.kerncog.org/wp-content/uploads/2018/06/Final-Del-12-2018-ITS-Plan-for-the-Kern-Region.pdf">https://www.kerncog.org/wp-content/uploads/2018/06/Final-Del-12-2018-ITS-Plan-for-the-Kern-Region.pdf</a>.

#### **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 <a href="mailto:rpacheco@kerncog.org">rpacheco@kerncog.org</a>. 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
			SH	ORT T	ΓERM			
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	This project will implement signal	Short	118	Improve signal timing/coordination	Traffic	Caltrans Districts City of Arvin City of Bakersfield City of Delano	• The system will depend on the
4	System (Phase 1)	timing and coordination improvements to help reducing traffic congestion.	Term	107	Reduce recurring traffic congestion	Management Program	City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	jurisdictions having a traffic signal control system
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	willingness of multiple agencies to connect and share data
				116	Provide roadway closure/restriction information		Delano Area Rapid Transit (DART) Golden Empire Transit District	
				129	Provide information on planned special events		(GET) Kern Transit Media	
				103	Provide incident information to travelers		National Weather Service Private Sector Data Collector	
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
			ME	DIUM	TERM			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
	HAZMAT	This system will support commercial vehicle operations to improve response		93	Improve response to HAZMAT incidents	Commercial	Caltrans Districts	• The system will depend on
8	Response and Tracking	time to the Emergency Management Center and develop tracking for HAZMAT vehicles.	Medium Term		Provide tracking of HAZMAT vehicles	Vehicle Operations Program	Commercial Vehicle Companies	willingness of multiple agencies to connect and share data
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
		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		95	Improve information exchange between transportation and transit agencies			
	ITS Data	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	Medium	92	Improve data collection and archiving	Data		• The system will depend on willingness of
10	Warehouse (Phase 2)	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.	Term	84	Implement a central information/data clearinghouse	Management Program		multiple agencies to connect and share data

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
	Work Zone	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),		91	Provide/enhance enforcement in work zones	Maintenance	Caltrans Districts City of Arvin City of Bakersfield City of Delano	• The system will depend on the collection and
13	Monitoring and Information Distribution	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	89	Provide travel times/delays through work zones	and Construction Program	City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	sharing of video and traffic data • The system will depend on regional TMC coordination
		Upgrade emergency communications		99	Improve a multi- agency, system- coordinated response to major incidents		Caltrans Districts City of Arvin	• The system will
	Emergency	to have the ability to share real-time condition information with emergency responders and public safety to support faster emergency response. This may	Medium	97	Provide incident information to emergency management agencies	Public	City of Bakersfield City of Delano City of McFarland City of Shafter	depend on robust communications in the Region  • The system will
14	Communication System	involve CAD system center-to-center interfaces, list serves, or other standardized methods of	Term	95	Improve communications in rural areas	Safety Program	City of Taft City of Tehachapi County of Kern	depend on willingness of multiple agencies to
		communicating conditions between services in the region.		93	Improve interagency communications		CHP Central Division Private Emergency	connect and share data
				93	Improve incident notification to agencies		Service Providers	

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
				91	Improve incident response			
				82	Expand emergency vehicle preemption		City of Arvin City of Bakersfield City of Delano	• Future EVP
15	Emergency Vehicle Technology	This system will update emergency vehicle technologies to include preemption and provide more robust information sharing technologies.	Medium Term	78	Provide/enhance mobile data terminals for emergency vehicles	Public Safety Program	City of McFarland City of Shafter City of Taft City of Tehachapi County of Kern	deployments may utilize appropriate connected vehicle communications
		mormation starting recurringses.		76	Provide/enhance automatic vehicle location (AVL) for emergency vehicles		CHP Central Division Private Emergency Service Providers	infrastructure and technologies
				96	Receive real-time roadway congestion information			
				88	Coordinate timed transfers between routes, providers and modes			
	Townsit	Upgrade and or install computer aided (CAD) and automated vehicle location (AVL) systems in transit vehicles,		87	Develop mobile apps to provide static and real-time transit information	Public	DART	• The system will depend on the jurisdictions having a
16	Transit Management System	including interfaces with other transit management systems. The system should be able to receive and send out location and any emergency	Medium Term	86	Expand/enhance/upgra de computer aided dispatch (CAD) system	Transportati on Program	Golden Empire Transit District (GET) Kern Transit	traffic signal control system • The system will depend on robust communications in
		information.		85	Provide transit information using social media			the Region
				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
				79	Implement/enhance web-based trip planner Provide real-time transit arrival/departure information on web site			
				76	Expand/enhance/upgra de 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
				99	Share congestion information with other agencies		City of Arvin City of Bakersfield	
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	89	Share public safety/computer aided dispatch (CAD) data with transportation agencies	Traffic Management Program	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
				81	Share incident information with other agencies		CHP Central Division	

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
				82	Upgrade signal hardware		Caltrans Districts City of Arvin City of Bakersfield	• The system will
20	Traffic Signal System (Phase 2)	Upgrade traffic signal hardware and provide technology to provide the ability to control signal timing remotely.	Medium Term	80	Coordinate arterial and freeway management strategies	Traffic Management Program	City of Delano City of McFarland City of Shafter City of Taft	depend on the jurisdictions having a traffic signal control system
				79	Improve/implement ability to remotely modify signal timing		City of Tehachapi County of Kern	·
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
		This project will work in coordination		91	Improve incident detection			• The system will depend on having a central management system from which to
22	Incident Response System	with emergency responders to provide incident detection technology and provide updated computer aided dispatch (CAD) systems.	Medium Term	86	Enhance computer aided dispatch (CAD) systems	Traffic Management Program		monitor and manage technology  • The system will depend on willingness of multiple agencies to

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
								connect and share data
		This project will work in conjunction with the Regional TMC Coordination		96	Reduce recurring traffic congestion			- TI
23	Freeway Traffic Congestion Warning	and Traveler Information (Phase 1) and the Arterial Traffic Congestion Warning systems to provide motorists	Medium Term	85	Reduce traffic congestion during incidents	Traffic Management Program		The system will depend on a robust traffic signal control
	Warning	with advance notice of traffic congestion and suggestion of alternate routes during incidents.		90	Provide/enhance speed enforcement at high risk locations	Trogram		system
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
		This project supports the ITS data		96	Provide/enhance congestion information to travelers		Airports Caltrans Districts	• The system will depend on robust communications in
		warehouse project. The links would enable data sharing among a wide variety of traffic, transit and emergency management agencies in		95	Improve quality, consistency and thoroughness of traveler information		City of Arvin City of Bakersfield City of Delano City of McFarland	the Region • The system will depend on a robust traffic signal control
	Regional Transportation Management	the Region. Communications links may interconnect all local jurisdictions and agencies, emergency operations		94	Provide more timely incident information to travelers	Traveler	City of Shafter City of Taft City of Tehachapi	system • The system will depend on
25	Center (TMC) Coordination and Traveler Information	centers, and public safety agencies, such as law enforcement and other emergency responder entities. This project would also provide interfaces	Medium Term	93	Provide information on roadway construction and maintenance activities	Information Program	County of Kern DART Golden Empire Transit District	willingness of multiple agencies to connect and share data
	(Phase 2)	to traveler information systems, from which the public can access traveler information via cell phones, land lines,		89	Use social media for traveler information dissemination		Kern Motorist Aid Authority Kern Transit	• The system will depend on transportation
		websites, and personal electronic devices.		89	Improve 511 system/web site		Media Private Sector Data	management entities having robust, modern, full function
				89	Enhance freeway/expressway traffic map		Collector	transportation management systems

Project ID	Project	<b>Project Description</b>	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
		in and near work zones.		70	Monitor queue lengths in/near work zones	Tiogram		monitor and manage technology
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
			LC	NG T	ERM			
29	Upgraded Arterial Management	This system may include the following elements, but is not limited to: enhancements to the central system(s),	Long Term	69 68	Expand CCTV camera coverage on arterials  Develop/implement	Traffic Management	City of Arvin City of Bakersfield City of Delano City of McErrland	• The system will depend on the collection and
	System	closed circuit television (CCTV) cameras and systems, highway		68	system-wide arterial management strategies	Program	City of McFarland City of Shafter	sharing of video and traffic data

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
		advisory radio (HAR) systems and transmitters, arterial changeable		63	Reduce vehicle delays at rail grade crossings		City of Taft City of Tehachapi	• The system will depend on the
		message signs (CMS), traffic			Implement/expand		County of Kern	jurisdictions having a
		monitoring stations (TMS), and communications infrastructure.		54	dynamic message sign (DMS) installations on arterials			traffic signal control system • The system will
				53	Implement/improve inter-jurisdictional signal coordination			depend on robust communications in the Region
				63	Provide health monitoring of traffic signal equipment at intersections and rail crossings			The system will depend on regional TMC coordination
		This project includes the expansion of the many and varied Caltrans freeway		69	Implement/improve incident detection capabilities			
		management systems and field elements that are monitored and controlled by Caltrans. System elements referenced by this project		54	Expand freeway/expressway dynamic message signs (DMS)			
		include, but are not limited to: enhancements to the central system(s), closed circuit television (CCTV) cameras and systems, highway		45	Expand highway advisory radio (HAR) coverage on freeways/expressways			• The system will
30	Upgraded Freeway Management System	advisory radio (HAR) systems and transmitters, road weather information systems (RWIS) and field sensors,	Long Term	69	Expand CCTV coverage on freeways/expressways	Traffic Management Program	Caltrans Districts	depend on the collection and sharing of video and
		changeable message signs (CMS), traffic monitoring stations (TMS) and communications infrastructure. This project also includes deploying robust		51	Improve/expand vehicle detection coverage on freeways/expressways			traffic data
		communications infrastructure capable of providing backbone, interconnect,		50	Implement variable speed limits			
		and redundant communications between ITS field devices and a central		44	Improve ramp metering operations			
		system, and between ITS filed devices in the field.		18	Implement automated/remote control gate systems			

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
				66	Provide curve speed warning		City of Arvin City of Bakersfield	• The system will
31	Roadway Condition Warning System	This system will provide roadway warnings including curve speed, vehicle-over-height detection, and provide monitoring technology for	Long Term	61	Provide vehicle-over- height detection/warnings	Vehicle Safety Program	City of Delano City of McFarland City of Shafter	depend on having a central management system from which to
	waning system	queue lengths at ramps.		49	Monitor queue lengths at ramp locations	rogium	City of Taft City of Tehachapi County of Kern	monitor and manage technology
				69	Provide target enforcement at locations with history of violations			
	Commercial	This proposed system will monitor commercial vehicle violations with the deployment of weigh-in-motion technologies especially in areas with a	Long	59	Reduce commercial vehicle weight, width and height violations	Commercial Vehicle	CHP Central	The system will depend on the collection and sharing of
32	Vehicle Enforcement	history of violations. The system shall also provide information on commercial vehicle operations permit	Long Term	58	Provide information on commercial vehicle operations (CVO) permit restrictions	Operations Program	Division	commercial vehicle information with private fleets and
		restrictions.		52	Deploy weigh-in- motion/mobile weigh enforcement technology			CHP/DMV
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	This system will provide a framework to improve data collection capabilities for the arterial and freeway	Long Term	65	Improve data collection capabilities	Data Management	Caltrans Districts City of Arvin City of Bakersfield City of Delano City of McFarland	The system will depend on the collection and sharing of video and traffic data     The system will
	Network	management systems.	Term	57	Improve data collection on freeways/expressways	Program	City of Shafter City of Taft City of Tehachapi County of Kern	depend on willingness of multiple agencies to connect and share data
		This system improves the work zone technology to provide smart technology where data is collected and		69	Implement Smart Work Zone technology		Caltrans Districts City of Arvin	• The system will
35	Smart Work Zone Technology	distributed to provide warning information about potential work zone hazards. The smart work zone technology should also be able to warn	Long Term	51	Warn travelers about trucks entering/existing work zones	Maintenance and Construction Program	City of Bakersfield City of Delano City of McFarland City of Shafter	depend on having a central management system from which to monitor and manage
		travelers about trucks that are entering and exiting work zones and be able to track work zone maintenance fleets.		43	Track locations of maintenance fleet	8	City of Taft City of Tehachapi County of Kern	technology
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
27	Upgrade	Provide technology upgrades to the	Long	56	Install/upgrade automatic vehicle location (AVL) on freeway service patrol vehicles	Public	Calana District	• The system will depend on having a central management
37	Freeway Service Patrol System	freeway service patrol system.	Term	53	Implement/upgrade computer aided dispatch (CAD) system for freeway service patrol	Safety Program	Caltrans Districts	system from which to monitor and manage technology

Project ID	Project	Project Description	Term	Total	Need	Program Area	Planned Participating Entities	Interdependencies
				68	Implement/enhance remote monitoring of transit vehicle mechanical condition			The section ::11
38	Transit Vehicle Technologies System	Upgrade transit vehicles with enhanced remote for monitoring mechanical conditions, upgrade to automated enunciators and automatic passenger	Long Term	66	Provide on-line reservation system for demand-responsive transit services	Public Transportati on Program	DART Golden Empire Transit District Kern Transit	• The system will depend on having a central management system from which to
		counters.		64	Provide on-board automated enunciators		Kern Transit	monitor and manage technology
				59	Expand/upgrade automated passenger counters			
	Air Quality Data	This proposed system would		68	Monitor/collect air quality data	Sustainable	Caltrans Districts	• The system will depend on having a
39	Collection and Monitoring	implement data collection and monitoring of air quality throughout the region.	Long Term	57	Monitor/collect air quality data	Travel Program	County of Kern Kern COG	central management system from which to monitor and manage technology
				82	Upgrade signal hardware		Caltrans Districts City of Arvin	771 / '11
40	Traffic Signal System (Phase 3)	Upgrade traffic signal hardware and provide autonomous commercial vehicle and autonomous passenger	Long Term	80	Coordinate arterial and freeway management strategies	Traffic Management Program	City of Bakersfield City of Delano City of McFarland City of Shafter	The system will depend on the jurisdictions having a traffic signal control
	3)	vehicle technology.		79	Improve/implement ability to remotely modify signal timing	1 logiani	City of Taft City of Tehachapi County of Kern	system





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 <a href="mailto:bsnoddy@kerncog.org">bsnoddy@kerncog.org</a>. 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) Transpor	tation Developmen	nt Act Article 3 Program - Un-invoiced Projects Befo	ore FY 2021-2	22			
Project Statu	ıs						
Status Code	: 1=Not Started 2=	Under Construction 3=Completed					
	Auth.						
	Minute				Status		
Jurisdiction	Auth. Date Order	Project Name		Funding	Code		
Bakersfield	9/19/2019 MO#19-03	Pedestrian Countdown Counters	\$	5,810	3	Waiting for invoice	
Bakersfield to	tal		\$	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 t			\$	-			
McFarland	9/15/2016 MO#16-05	Bicvcle Safety	\$	2,000	3	Partial billing of \$904.30 on July 27, 2018	
McFarland	9/19/2019 MO#19-03		\$	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 tot	al		\$	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 outsta	anding TDA Article 3 p	rojects un-invoiced	\$	170,610			

tarted 2=Under C  uth. Auth. Minute order  6/2021 MO#21-07  II  6/2021 MO#21-5	Project Name  Bike Parking  Addition of a Class 1 bike path along County Dump Rd. between Fairfax Rd. and Paladan Dr. Kern County will be a sub applicant	\$ <b>\$</b>	3,000 3,000 267,000	Status Code	Project estimated to be comp. 1-30-2023
ate Order 5/2021 MO#21-07	Bike Parking  Addition of a Class 1 bike path along County Dump Rd. between	\$ <b>\$</b>	3,000 <b>3,000</b> 267,000	Code 1	Project estimated to be comp.
ate Order 5/2021 MO#21-07	Bike Parking  Addition of a Class 1 bike path along County Dump Rd. between	\$ <b>\$</b>	3,000 <b>3,000</b> 267,000	Code 1	Project estimated to be comp.
11	Addition of a Class 1 bike path along County Dump Rd. between	\$	<b>3,000</b> 267,000		
11	Addition of a Class 1 bike path along County Dump Rd. between	\$	<b>3,000</b> 267,000		
11	Addition of a Class 1 bike path along County Dump Rd. between	\$	<b>3,000</b> 267,000		
		\$	267,000	1	
5/2021 MO#21-5				1	
	аналительна пападан дин соли, также дала друговин	\$	267.000		
			,		
		\$	270,000		
5/2021 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
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 outler	\$	284,750	1	Should be completed Spring 2023
MO#21-03		\$	169,080	3	Should receive invoice in May 2023
5/2021 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
5/2021 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
		\$	937,357		
	/2021 MO#21-02 /2021 MO#21-03 /2021 MO#21-04	Mast Ave. to Woodruff Ave. & 6th St. and California Ave.  Complete pedestrian facilities on both sides of Brentwood Dr. between Cury St. and Oakwood St. with a new ADA compliant sidewalk curb and autter  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.  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  Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.	Mast Ave. to Woodruff Ave. & 6th St. and California Ave.  Complete pedestrian facilities on both sides of Brentwood Dr. between Cury St. and Oakwood St. with a new ADA compliant sidewalk curb and autter  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.  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  Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.	MO#21-01   Remove and replace non-ADA compliant curb ramps on Ebell St.   Mast Ave. to Woodruff Ave. & 6th St. and California Ave.   Complete pedestrian facilities on both sides of Brentwood Dr.   between Cury St. and Oakwood St. with a new ADA compliant sidewalk curb and outter   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.   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   Construct new sidewalk, curb & gutter, ADA curb ramps, and related pedestrian improvements on Hacienda Blvd.   \$ 937,357	Accompliant curb and replace non-ADA compliant curb ramps on Ebell St.   Mast Ave. to Woodruff Ave. & 6th St. and California Ave.

# 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/Stat	e \$ 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	
<u>RSTP</u>	<u>1</u>	<u>\$0</u>	\$538,000	
Total	<u>1</u> 6	\$0	\$9,483,160	28%
2. Submitted	No. of Projects	Preliminary Engineering	Construction	% of funding
ATP	1	\$0	\$4,306,000	rananig
CMAQ	1	\$229,514	\$0	
RSTP		\$0	\$0	
Total	<u>0</u> 2	\$229,514	\$4,306,000	13%
3. State/Federal Approvals	No. of Projects	Preliminary Engineering	Construction	% of funding
ATP	1	\$140,000	\$0	9
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

		Project No./		Federal/ State	Federal/ State		Date Expect	Note
Lead	PIN	Grant No.	Description	PE	CON	Total	to Submit	
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	3230(21.2)	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		n request to CT	n request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. App FC.	proved.				

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		n request to C1	n request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. App	proved.				

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		n request to C	n request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. ΑργΓC.	proved.				

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		n request to C1	n request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. AppTC.	proved.				

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		request to CT	n request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. App C.	roved.				

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 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		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		n request to C1	n request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Appro C.	ved.				