

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

WEDNESDAY, MAY 31, 2023 (JUNE MEETING) AT 10:00 A.M.

PRIMARY MEETING LOCATION:

Kern Council of Governments, Board Room
1401 19th Street, Suite 300
Bakersfield, CA 93301

SECONDARY MEETING LOCATIONS (or Teleconference):

Palos Verdes Terrace Apartments
5762 Ravenspur Dr
Rancho Palos Verdes, CA 90272

**TTAC GoToMeeting Information
(Teleconference):**

<https://www.gotomeet.me/KernCOG/ttacmeeting>

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Access Code: 269-963-557

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Arvin City Hall
200 Campus Drive
Arvin, CA 93203

I. ROLL CALL:

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

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

- III. APPROVAL OF DISCUSSION SUMMARY:** Minutes from meeting of May 3, 2023; ROLL CALL VOTE.

- IV. KERN BI-ANNUAL SURVEY OF TRANSPORTATION PROJECTS ON REGION SIGNIFICANT ROUTES IN THE JURISDICTIONS OF BAKERSFIELD, CALTRANS, KERN COUNTY, CALIFORNIA CITY, RIDGECREST AND SHAFTER. DUE: 5PM. FRIDAY, JUNE 16, 2023** (Liu)

Comment: This survey is distributed as needed every 6 months for updates on existing and planned capacity improvements within your agency's jurisdiction. Failure to provide accurate information using the latest planning assumptions could delay federal funding approvals for transportation projects in the Kern Region. Surveys were emailed directly to the affected agencies on May 19, 2023.

Action: Sign the survey pages you edit and send them back to Kern COG by 5PM Friday, June 16, 2023. If you have any questions, please contact Vincent Liu on 661/635-2900 or vliu@kerncog.org.

V. **KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD REPAIR ESTIMATED FY 2023-24 ANNUAL APPORTIONMENT** (Enriquez)

Comment: Caltrans State of Good Repair (SGR) Program allocates annual funds from Senate Bill No.1 legislation to the Kern region.

Action: Member agencies provide SGR proposed project titles to Kern COG no later than Friday, June 2, 2023.

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

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

Action: Information.

VII. **INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM** (Pacheco)

Comment: This is the annual project status report.

Action: Information.

VIII. **PROJECT ACCOUNTABILITY TEAM REPORT** (Pacheco)

Comment: Kern COG staff to provide the latest updates.

Action: Information.

IX. **BIENNIAL LOCAL STREETS AND ROADS SURVEY – MAY 2023** (Flickinger)

Comment: A 2022 statewide biennial local streets and roads survey report was completed to help direct road maintenance funding to local jurisdictions.

Action: Information.

X. **KERN ADVANCED TRANSPORTATION TECHNOLOGY PROGRAM - STATUS REPORT** (Urata)

Comment: To help meet more stringent air standards, Kern COG promotes early deployment of alternative fuel vehicle technologies such as plug-in electric vehicles (EVs) and compressed natural gas-fueled vehicles. This report updates the quarterly inventory of EV charging spaces in

Kern County and provides information regarding funding opportunities. This report covers the period November 1, 2022, to May 19, 2023.

Action: Information.

XI. DRAFT FINAL KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO) SUSTAINABILITY STUDY PHASE 2 (Ball)

Comment: A Draft Final KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide incorporating extensive public and stakeholder outreach is available at <https://www.kerncog.org/goods-movement/> .

Action: Recommend to the Transportation Planning Policy Committee to Receive and File.

XII. ANNOUNCEMENTS

- a. 2024 RTIP Workshop 2 – June 21, 2023 (See attached flyer for information)
- b. TDA Article 3 claims for bike and ped facilities (i.e. class 1 bike paths, bike safety, racks, connecting sidewalks, ADA Curbs) are due Friday, June 2, 2023. To date only \$6,000 in claims have been received out of \$1.05M. Instructions on making your agency's claim at: <https://www.kerncog.org/tda/>

XIII. MEMBER ITEMS

XIV. ADJOURNMENT – The next meeting will be held on July 5, 2023 (may be dark).

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

DISCUSSION SUMMARY FOR MAY 3, 2023 MEETING

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

Wednesday
May 3, 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
- City of Shafter Public Works Office – 720 Commerce Way, Shafter, CA 93263

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

I. ROLL CALL

MEMBERS PRESENT:

Christine Viterelli	City of Arvin
Luis Topete	City of Bakersfield
Richard Walker	City of California City (Virtual)
Ed Galero	City of Delano
Brianahi De Leon	City of McFarland (Virtual)
Travis Reed	City of Ridgecrest
Chris Schultz	City of Shafter (Virtual)
Craig Jones	City of Taft
Jay Schlosser	City of Tehachapi
Kameron Arnold	City of Wasco
Michael Dillenbeck	County of Kern
Lorena Mendibles	Caltrans
Steve Barnes	Golden Empire Transit

OTHER:

Asha Chandy	County of Kern
Cindy Parra	Golden Empire Transit
Ryan Starbuck	City of Bakersfield
Paul Johnson	City of Bakersfield
Viviana Alapisco	City of Delano
Colleen Vidinoff	Caltrans
Fatemah Ranaieffer	Fehr & Peers
Nico Boyd	Fehr & Peers
Jason Moody	EPS

STAFF:

Ahron Hakimi	Becky Napier
Rob Ball	Angie Banuelos
Bob Snoddy	Rochelle Invina-Jayasiri
Raquel Pacheco	Irene Enriquez
Karl Davisson	Linda Urata

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

No public comments.

III. APPROVAL OF DISCUSSION SUMMARY: Minutes from meeting of April 5, 2023

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

IV. FY 2022-23 TDA PUBLIC TRANSIT & STREET & ROADS CLAIMS – CITY OF TEHACHAPI

Ms. Banuelos presented the TDA Public Transit and Street & Roads Claims for the City of Tehachapi. According to California Public Utilities Code Section 99260 et seq., and Kern COG TDA Rules and Regulations, eligible organizations may submit a claim for the purpose of supporting public transit systems and streets and roads. The city of Tehachapi has submitted TDA claims which total \$855,266. Staff asked the committee to review TDA Public Transit and Street & Roads Claims for the City of Tehachapi and recommend approval to the Transportation Planning Policy Committee.

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

V. CALL FOR PROJECTS: TRANSPORTATION DEVELOPMENT ACT ARTICLE 3 PROGRAM

Ms. Enriquez announced Kern Council of Governments, acting in the capacity of the state-designated Regional Transportation Planning Agency, administers funding for the Transportation Development Act Article 3 Program (Bicycle and Pedestrian). Article 3 funds are used to pay for bicycle and pedestrian safety programs, bicycle parking facilities, bicycle travel facilities and pedestrian facilities. Approximately \$1,076,480 is available for new projects for the FY 2023-24 funding cycle. Applications are available on the Kern COG website.

Member agencies submit project proposals to Kern COG no later than 5:00 p.m. on Friday June 2, 2023. This item is for information only.

VI. DRAFT KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS (KARGO) SUSTAINABILITY STUDY PHASE 2

Mr. Ball announced a public review Draft KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide is available. Nico Boyd and Fatemah Ranaiefar of Fehr & Peers and Jason Moody of EPS provided a presentation on the KARGO Phase II study report. Questions and comments were made from committee members Mr. Reed, Mr. Dillenbeck, Mr. Topete, and Chairman Schlosser. Chairman Schlosser also commented that staff reach out to private industry for funding improvement strategies.

Comments on study are due to rball@kerncog.org by Thursday, May 25, 2023. This item is for information only.

Covered Item VIII next then VII.

VII. 2024 STATE HIGHWAY OPERATIONAL AND PROTECTION PROGRAM

Mr. Ball covered this item for Mr. Stramaglia. Mr. Ball said staff is taking a look at the listing which District 6 and 9 have developed which inform updates to the 2024 SHOPP and beyond. This opportunity to the region to review anticipated planning and programming of the SHOPP provides transparency to the public through the circulation of a project list and associated map. Staff is asking member agencies to review the projects on the list and provide any project ideas. Mr. Schlosser reported on a meeting with the new Caltrans Director, District 9, Senator Shannon Grove office, Mr.

Hakimi, and City of Tehachapi staff. The meeting discussed two projects: first segment of SR 58 Truck Climbing Lanes and Cal City Blvd. Frontage Road.

This item was for information only.

VIII. CYCLE 6 ACTIVE TRANSPORTATION PROGRAM – MPO PROJECT LIST

Mr. Snoddy reviewed the CTC meeting schedule, there is no July CTC meeting and the August CTC meeting preparation deadline is due June 19th. He stated the ATP Cycle 6 MPO list has since been submitted to the CTC with the final package of information as prescribed by the CTC, for its official list of MPO projects. The list remains intact and is expected to be adopted by the CTC at their June meeting.

This item was for information only.

IX. 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM

Ms. Pacheco reminded this is the monthly update on the activity related to the 2024 Regional Transportation Improvement Program. The new addition is the 2024 RTIP Capital Improvement Program baseline version as presented at the April 26th workshop. Also, staff is preparing for the June 21st workshop presentation. The draft fund estimate assumptions will be adopted at the May California Transportation Commission meeting which will be a prime topic at the June workshop.

Mr. Reed asked if the workshop was available online, Ms. Pacheco states it was not recorded but she can provide the presentation as requested.

This item was for information only.

X. INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING PROGRAM

Ms. Pacheco states Section 12.4 of the Intelligent Transportation System Plan for the Kern Region reads: Annually, a listing of the projects recommended in the ITS Plan will be produced and a project status update will be requested. Please review and provide updates to Table 12-1 by May 19th. Updates received will be part of a staff report for the May 31st TTAC meeting and June 15 Kern COG Board meeting.

Mr. Schlosser asked Ms. Pacheco to provide an overview of the ITS Plan. Ms. Pacheco provided a background, and asked members to look at the project list for funding references.

This item was for information only.

XI. PROJECT ACCOUNTABILITY TEAM REPORT

Ms. Pacheco provided highlights which included: 1. TDA Article 3 invoices should be submitted to Bob Snoddy. The latest TDA Article 3 project list is provided. 2. The CMAQ and RSTP applications are due by 5:00 PM on July 17th. 3. The score card for CMAQ/RSTP/ATP projects showed 59% authorized but had increased to 72% authorized due to a large Bakersfield ATP project approval and the Taft CMAQ project approval. The percentage not submitted is mainly due to two large ATP projects that are seeking time extensions from the California Transportation Commission 4. The fiscal year 23/24 project list is provided to remind agencies to deliver early.

Mr. Snoddy reviewed the outstanding projects and will contact project managers to request information. Ms. Pacheco asked committee members if there was interest in a June PAT meeting; instead, members will report back on project status during the next TTAC meeting.

This item was for information only.

XII. ANNOUNCEMENTS – None

XIII. MEMBER ITEMS

- Ms. Mendibles introduced Ms. Colleen Vidnoff, the new Senior Caltrans Area Engineer. Ms. Mendibles also reminded the Reconnecting Communities workshop is May 9th.
- Mr. Dillenbeck announced his last day at the County of Kern is May 5th. Mr. Sal Gomez and Ms. Yolanda Alcantar will be taking over his duties.

XIV. ADJOURNMENT – Meeting adjourned at 11:20 am. The next meeting will be held on May 31, 2023.

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI
EXECUTIVE DIRECTOR

By: Rob Ball, Planning Director
Vincent Liu, Planner

SUBJECT: TTAC AGENDA ITEM: IV
KERN BI-ANNUAL SURVEY OF TRANSPORTATION PROJECTS ON REGION
SIGNIFICANT ROUTES IN THE JURISDICTIONS OF BAKERSFIELD, CALTRANS,
KERN COUNTY, CALIFORNIA CITY, RIDGECREST AND SHAFTER. DUE: 5PM.
FRIDAY, JUNE 16, 2023

DESCRIPTION:

This survey is distributed as needed every 6 months for updates on existing and planned capacity improvements within your agency's jurisdiction. Failure to provide accurate information using the latest planning assumptions could delay federal funding approvals for transportation projects in the Kern Region. Surveys were emailed directly to the affected agencies on May 19, 2023.

DISCUSSION:

Background – As required by the Clean Air Act Amendments of 1990, at least every other year Kern COG performs a regional “conformity analysis” using a computerized regional transportation model. The analysis demonstrates that forecasted development and planned transportation improvements in the region will not hinder the air districts’ State Implementation Plans (SIP) from attaining the national air quality standards. Under the Clean Air Act, the FHWA and the EPA are the agencies responsible for making the determination that a region’s transportation expenditure plans “conform” to the SIP.

Kern COG has been requested by FHWA to document all capacity increasing projects on regionally significant routes that are both federal and non-federally funded. It has always been Kern COG’s practice to include non-federal projects in the regional transportation model for the regional conformity analysis, however changes to these projects are more difficult to track because their funding does not pass through Kern COG’s allocation processes. This survey has been developed to meet the federal requirement by tracking both federal and non-federal projects. Failure to accurately include a non-federally funded regionally significant transportation project in the regional conformity analysis risks a conformity “lapse” that could result in the withholding of federal transportation funding to the region and the delay of transportation projects until the project is added. Delays could last up to 1-year, assuming the missed project can be conformed.

Recent passage of state climate change regulations in SB 375 requires modeling from passenger vehicle travel use an identified network. Kern COG will be using this survey to ensure that the network identified is accurate and based on the latest local planning assumptions.

Instructions - In order to keep the Kern Transportation Model up-to-date, a regionally significant routes survey is attached. Please fill out the survey using the examples page as a guide. To streamline your review, Kern COG has already provided the improvements based on federal funding cash flow and included locally funded projects based on past information and previous survey responses provided by your agency. If time is limited, focus your review on non-federally funded capacity increasing projects such as those funded by existing developer improvements, local impact fees, sales tax measures, general fund, etc.

Only Include Financially Constrained Projects

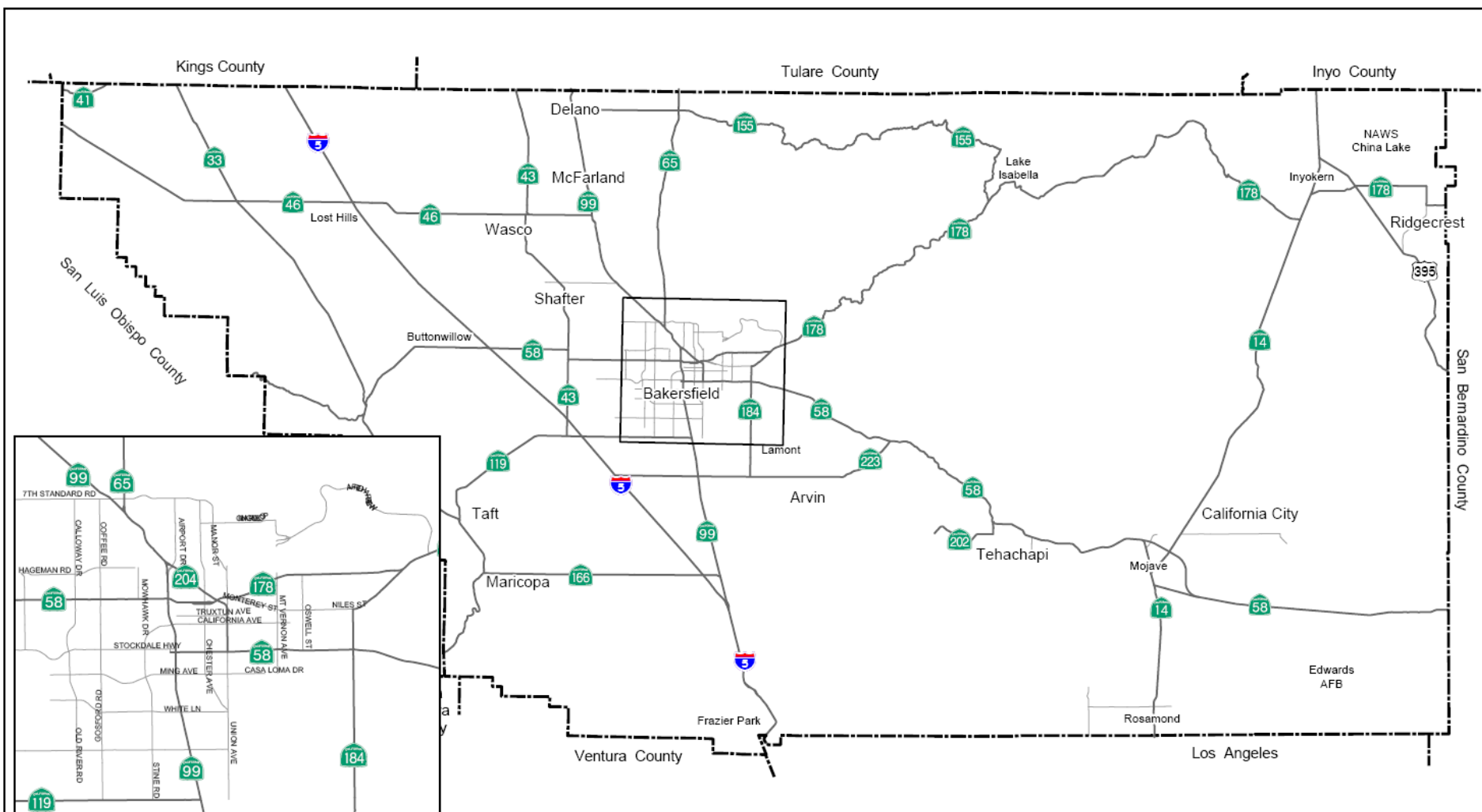
Projects should only be included that have identified funding sources. Here are some examples:
Be sure to Include:

- Capacity increasing projects included as mitigation to an approved development. This includes paving of an arterial to the centerline adjacent a development, as well as any capacity increasing offsite improvements. Be sure to include any new arterials, expressways or freeway segments that currently do not exist on the functional classification map. Do not include partial street improvements. The model does not include improvements that are less than a city block in length (the distance between collector and arterial intersections) until all the bottlenecks (canal bridges, undeveloped frontage) are paved and the facility is stripped in a way so as to compete the capacity improvement of additional lanes along the entire length of the city block.
- Capacity increasing projects in an adopted traffic impact fee. This includes new interchanges, and new lanes on existing and future arterials, expressways and freeways. It does ramp widenings that constrict down to 1 lane prior to merging, nor intersection improvements. Do not include projects from a proposed traffic impact fee program.
- Capacity increasing projects that are being funded with bonds, general fund, sales taxes, other non-state or non-federal sources. Remember, these funding sources must be approved.
- Capacity increasing projects from state and federal sources. These should already be reflected in the survey form. Please review the timing and funding amounts shown. Any adjustments made to projects with state or federal funding sources may require an amendment to the Kern COG Transportation Improvement Program and/or the Regional Transportation Plan. Please contact us immediately if you see an issue with these projects, or a capacity increasing project that is missing or shown in the wrong year. Changes to the projects may have to wait until the next amendment opportunity and are subject to the approval of the Kern COG Board.

ATTACHMENTS:

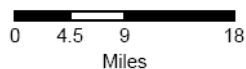
- a) Map - Regionally Significant Routes in Kern
- b) Instructions and RSR Survey

ACTION: Sign the survey pages you edit and send them back to Kern COG by 5PM Friday, June 16, 2023. If you have any questions, please contact Vincent Liu on 661/635-2900 or vliu@kerncoq.org.



The regionally significant system includes facilities that are designated Interstate or State highways; and facilities that are classified as principal arterials on the Federal Functional Classification System

— Highways
— Principal Arterials



Regionally Significant Routes

Source: Caltrans Functionally Classified Roads, December 2003

Sample Survey Page – Survey participants are encouraged to make their edits to the spreadsheet version of the survey form.

SAMPLE/INSTRUCTION PAGE																																																															
				Note: greyed out cells indicate segment in air basin without attainment dates in those years															Year number of lanes modeled (each direction)																																												
SORT KEY	AGENCY	AIR BASIN	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	35	50	FUNDING SOURCE, COMMENTS																												
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3	Bakersfield	SJV		ALFRED HARRELL	MT VERNON	CHINA GRADE LOOP				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1																													
4	Bakersfield	SJV		ALFRED HARRELL	CHINA GRADE LOOP	FAIRFAX				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2																												
5	Bakersfield			RED HARRELL	FAIRFAX	WEST END HARTPARK	Add Lanes	Local		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		Developer mitigation																											
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8	Bakersfield			RED HARRELL	PALADINO	SR178	Add Lanes	Local		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2		Developer mitigation																											
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10	Bakersfield	SJV		ALLEN	BRIMHALL	WESTSIDE PARKWAY	Add Lanes		\$7,000,000	1	1	2	2	2	2	2	2	2	2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3		Westside Parkway phase 3 (3 lanes SB)																											
11	Bakersfield	SJV		ALLEN	WESTSIDE PARKWAY	STOCKDALE	Add Lanes		\$7,000,000	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		Westside Parkway phase 3																											
12	Bakersfield	SJV		ALLEN	STOCKDALE	MING AVE	Add Lanes		\$124,972	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2																												
13	Bakersfield	SJV		ALLEN	MING AVE	CAMPUS PARK				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3																												
14	Bakersfield	SJV		ALLEN	CAMPUS PARK	Panama Lane				0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	3																													
15	Bakersfield	SJV		ALLEN	Panama Lane	SR 119/Taft Highway				0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2																												
16	Bakersfield	SJV		CALLOWAY	SNOW	NORRIS	Add Lanes			2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3		Revised impact fee, delayed to 2025																											
17	Bakersfield	SJV		CALLOWAY	NORRIS	OLIVE				2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2																													
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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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V.
TTAC

May 31,2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Irene Enriquez, Regional Planner

SUBJECT: TTAC AGENDA ITEM: V.
KERN COG SENATE BILL NO. 1 TRANSIT – CALTRANS STATE OF GOOD
REPAIR ESTIMATED FY 2023-24 ANNUAL APPORTIONMENT

DESCRIPTION:

Caltrans State of Good Repair (SGR) Program allocates annual funds from Senate Bill No.1 legislation to the Kern region.

DISCUSSION:

The Road Repair and Accountability Act of 2017, Senate Bill (SB) 1 (Chapter 5, Statutes of 2017), signed by the Governor on April 28, 2017, includes a program that will provide additional revenues for transit infrastructure repair and service improvements. This investment in public transit will be referred to as the State of Good Repair (SGR) Program. This program receives funding of approximately \$125 million annually. SGR funds are to be made available for eligible transit maintenance, rehabilitation, and capital projects.

SB 1 emphasizes the importance of accountability and transparency in the delivery of California's transportation programs. Therefore, to be eligible for SGR funding, potential agencies must comply with various reporting requirements. The SGR Guidelines will describe the general policies and procedures in carrying out the reporting requirements and other statutory objectives of the Road Repair and Accountability Act of 2017.

Kern COG staff is publishing Caltrans' SGR FY 2023-24 estimated annual apportionment. initiated by Caltrans State of Good Repair (SGR) Program staff totaling \$1,547,558. **Caltrans will post the FY 2023-24 Kern region program of projects document on the CalSmart website by the end of August 2023.**

Kern COG staff has prepared a regional **SGR** Kern regional apportionment schedule (See below) to ensure this year's **SGR** projects are funded.

Agency	99313	99314	50 percent	Total Apportionment
Arvin	\$35,161	\$685	\$0	35,846
California City	\$22,553	\$284	\$0	\$22,837
Delano	\$81,568	\$3,081	\$0	\$84,649
GET	\$882,844	\$64,861	\$0	\$947,705
Kern Transit	\$260,421	\$13,174	\$0	\$273,595
McFarland	\$22,431	\$134	\$0	\$22,565
Ridgecrest	\$47,262	\$1,756	\$0	\$49,018
Shafter	\$32,659	\$635	\$0	\$33,294
Taft	\$11,407	\$3,971	\$0	\$15,378
Tehachapi	\$19,179	\$312	\$0	\$19,491
Wasco	\$42,829	\$351	\$0	\$43,180
Region Total	\$1,458,314	\$89,244	\$0	\$1,547,558

Caltrans requires Kern COG to submit a Kern COG Board adopted resolution that supports the Kern region SGR projects.

Attachment: Kern region SGR Kern regional apportionment schedule for FY 2023-24

ACTION: Member agencies provide SGR proposed project titles to Kern COG no later than Friday, June 2, 2023.



MALIA M. COHEN
California State Controller

February 9, 2023

County Auditors Responsible for State of Good Repair Program Funds
Transportation Planning Agencies
County Transportation Commissions
San Diego Metropolitan Transit System

**SUBJECT: Reissuance of the Fiscal Year 2023-24 State of Good
Repair Program Allocation Preliminary Estimate**

The State Controller's Office (SCO) is issuing a revision to the allocations stated in the summary schedule of State of Good Repair (SGR) program funds available to be allocated for fiscal year (FY) 2023-24, which was originally released on January 31, 2023. This revision uses Public Utilities Code (PUC) section 99314.10 allocations based on the SCO transmittal letter, Reissuance of the FY 2020-21 SGR Program Allocation Estimate, dated August 1, 2022, for each Transportation Planning Agency (TPA), county transportation commission, and the San Diego Metropolitan Transit System for the purposes of Public Utilities Code (PUC) section 99312.1(c). Allocations for the SGR program are calculated pursuant to the distribution formulas in PUC sections 99313 and 99314. Also enclosed is a schedule detailing the estimated available amount calculated pursuant to PUC section 99314 for each TPA by operator.

PUC section 99313 allocations are based on the latest available annual population estimates from the Department of Finance. The revenue basis will be updated in the August 2023 Fiscal Year 2023-24 State Transit Assistance estimates with the most current Financial Transactions Report data available.

According to the FY 2023-24 proposed California Budget, the estimated amount of SGR program funds budgeted is \$125,619,000. Prior to receiving an apportionment of SGR program funds in a fiscal year, an agency must submit a list of proposed projects to the California Department of Transportation (DOT). DOT reports to SCO the eligible agencies that will receive an allocation quarterly pursuant to PUC sections 99313 and 99314.

County Auditors Responsible for State Transit Assistance Funds
Transportation Planning Agencies
County Transportation Commissions
San Diego Metropolitan Transit System
February 9, 2023
Page 2

SCO anticipates that the first quarter's allocation to eligible agencies will be paid by November 30, 2023. Please refer to the schedule for the amounts that relate to your agency.

We appreciate your understanding. Please contact Mike Silvera by telephone at (916) 323-0704 or email at msilvera@sco.ca.gov with any questions, or for additional information about this schedule. Information for the SGR program can be found on the DOT website at:
<https://dot.ca.gov/programs/rail-and-mass-transportation/state-transit-assistance-state-of-good-repair>.

Sincerely,

(Original Signed By)

MELMA DIZON
Manager
Local Apportionments Section

Enclosures

State Controller's Office

Allocation Detail of State of Good Repair Program Allocation Amount Based on Public Utilities Code (PUC) section 99313 pursuant to PUC section 99312.1(c).

Fiscal Year 2023-2024 Estimate

Revised as of February 9, 2023

More information at http://www.sco.ca.gov/ard_local_apportionments.html

For assistance, please call Mike Silvera at 916-323-0704.

County	PUC Section 99313
Kern Council of Governments (Kern County Treasurer)	\$1,458,314.00

Note: Filtered list to show only Kern Council of Governments' Regional Entity and Operator(s).

State Controller's Office

Allocation Detail of State of Good Repair Program Allocation Amount Based on Public Utilities Code (PUC) section 99314 Pursuant to PUC section 99312.1(c).

Fiscal Year 2023-2024 Estimate

Revised as of February 9, 2023

More information at http://www.sco.ca.gov/ard_local_apportionments.html

For assistance, please call Mike Silvera at 916-323-0704.

Regional Entity and Operator(s)	Revenue Basis	PUC Section 99314
Kern Council of Governments		
City of Arvin	\$62,152	\$685.00
City of California City	\$25,760	\$284.00
City of Delano	\$279,451	\$3,081.00
Golden Empire Transit District	\$5,882,508	\$64,861.00
County of Kern	\$1,194,767	\$13,174.00
City of McFarland	\$12,106	\$134.00
City of Ridgecrest	\$159,250	\$1,756.00
City of Shafter	\$57,568	\$635.00
City of Taft	\$360,169	\$3,971.00
City of Tehachapi	\$28,252	\$312.00
City of Wasco	\$31,839	\$351.00
Regional Entity Totals	\$8,093,822	\$89,244.00

Note: Filtered list to show only Kern Council of Governments' Regional Entity and Operator(s).

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

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

DESCRIPTION:

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

DISCUSSION:

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

This month – The draft fund estimate assumptions were adopted by the CTC on May 17, 2023. The CTC is expected to present the draft fund estimate at the June 28-29 CTC meeting which will propose County Shares for regional agencies and determine if new programming can be proposed in the 2024 RTIP. Staff attended the CTC 2024 STIP Guidelines Workshop on May 17, 2023 and is preparing for the June 21st 2024 RTIP workshop scheduled for 10:00 AM.

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

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

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

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

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

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

Enclosures:

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)
Attachment B: Current Listings of State Highway Maintenance Project Investments
Attachment C: Save the Dates Memo for upcoming 2024 RTIP Workshops
Attachment D: KCOG RIP 60/40 Status
Attachment E: 2024 RTIP Capital Improvement Program – Baseline

ACTION: Information.

Attachment A: CTC 2022 Summary of STIP County Shares (Orange Book)

2022 SUMMARY OF STIP COUNTY SHARES

Does Not Include ITIP Interregional Shares (See Separate Listing)

(\$1,000's)

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

Kern

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

Balance of STIP County Share, Kern

Total County Share, June 30, 2022	63,002
Total Programmed or Voted Since July 1, 2021	63,002
Unprogrammed Share Balance	0
Share Balance Advanced or Overdrawn	0

COVID Programming

Target	6,414
Total Programmed or Voted Since July 1, 2021	4,958
2021-22 Lapsed Projects	0
Less 2020-21 Allocations	0
Under (Over) Target	1,456

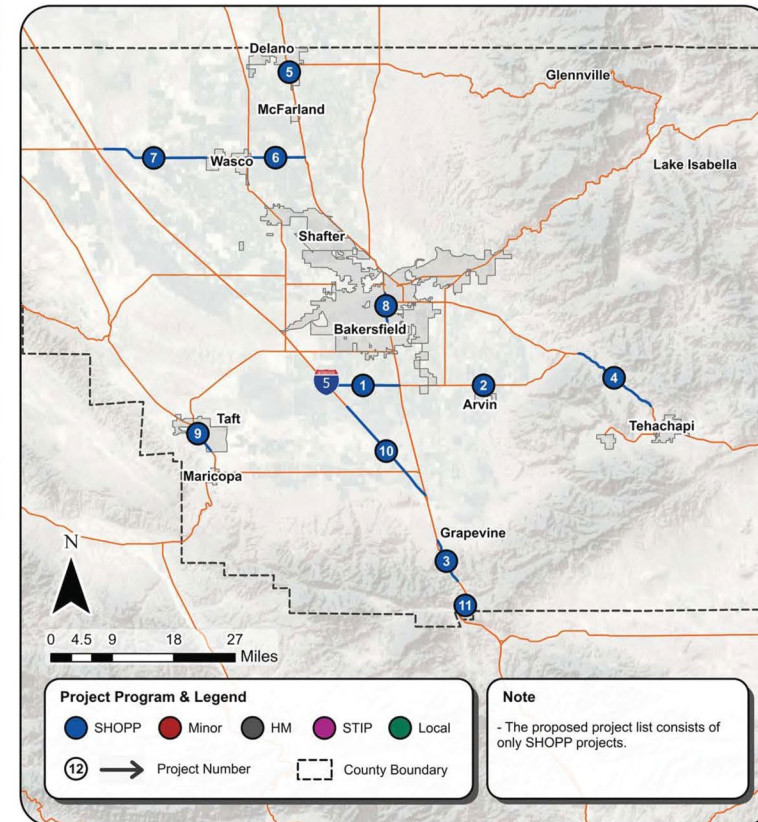
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



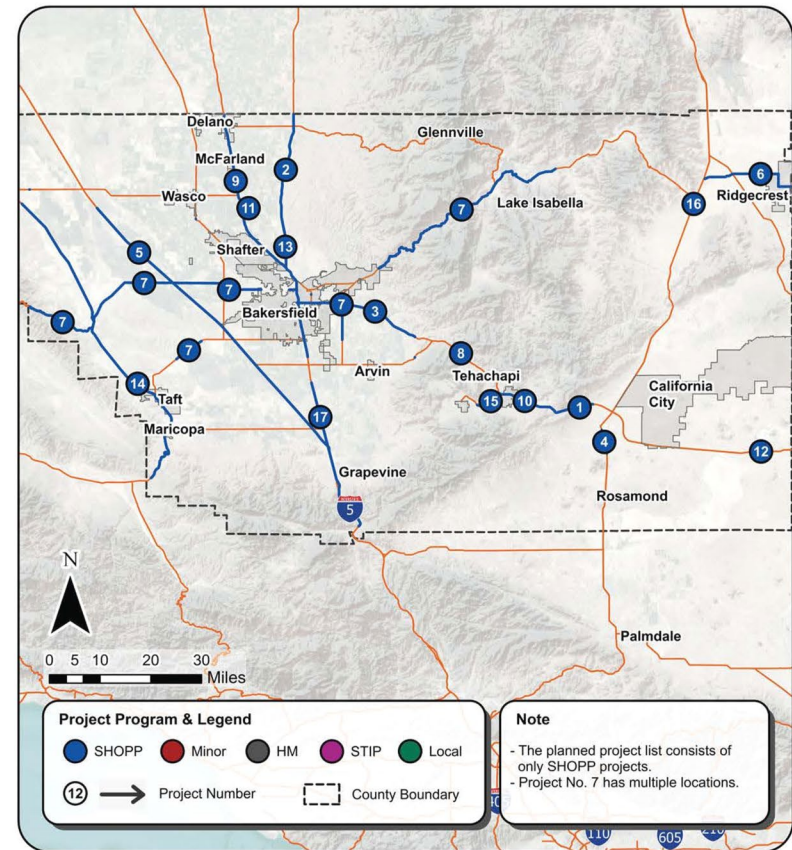
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



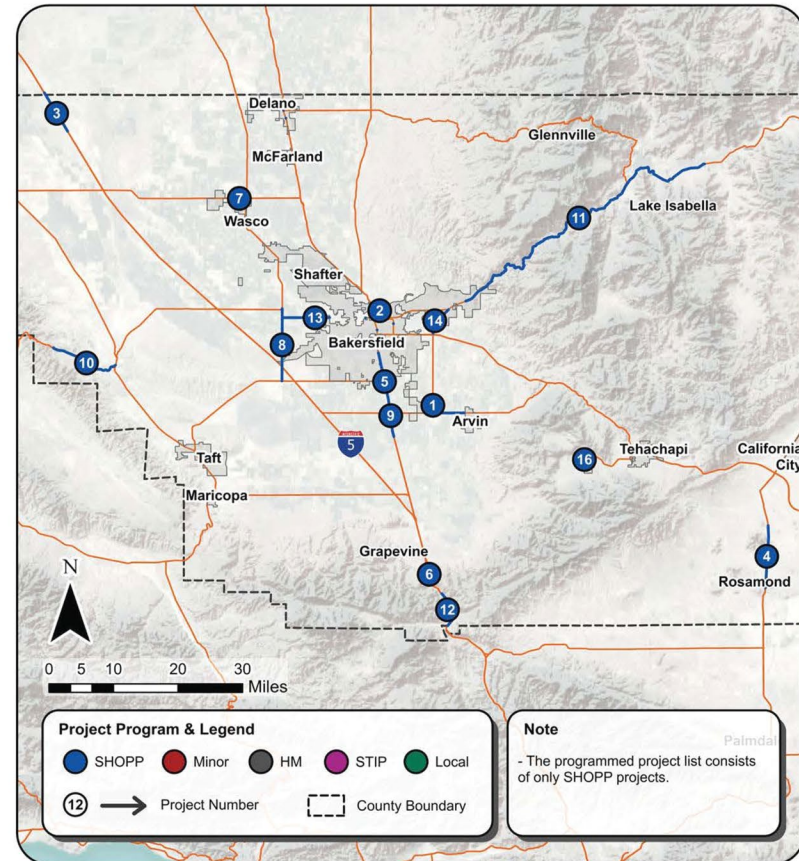
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



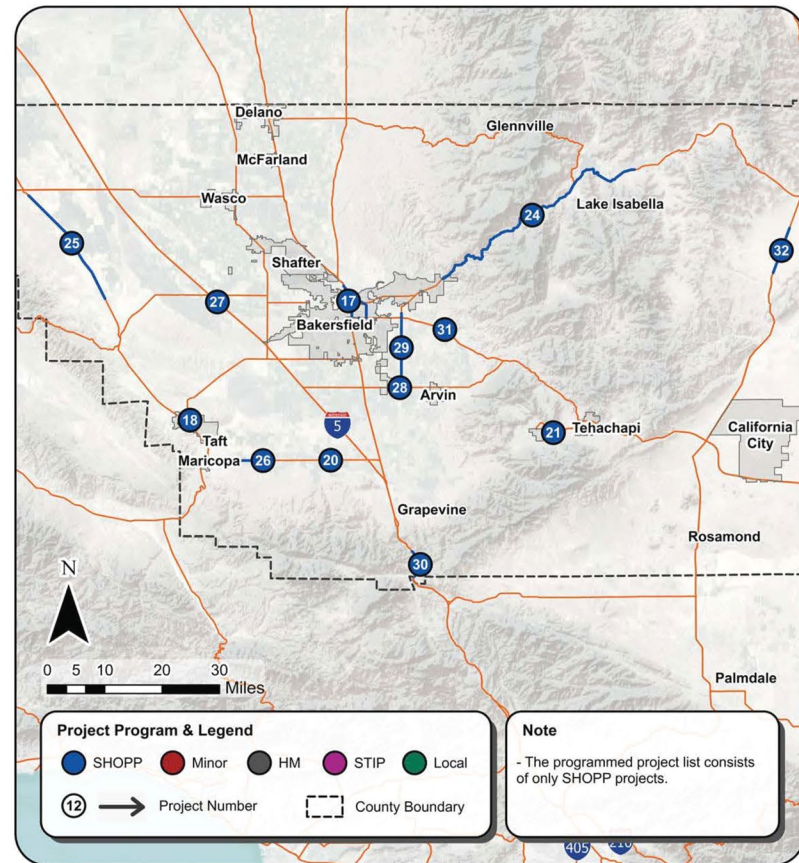
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



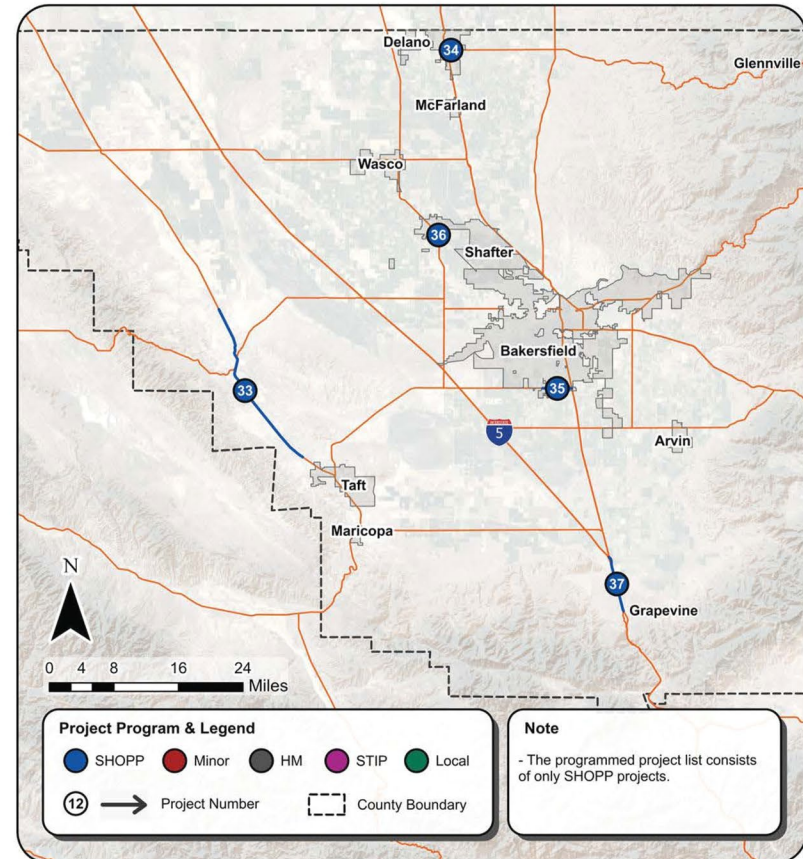
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



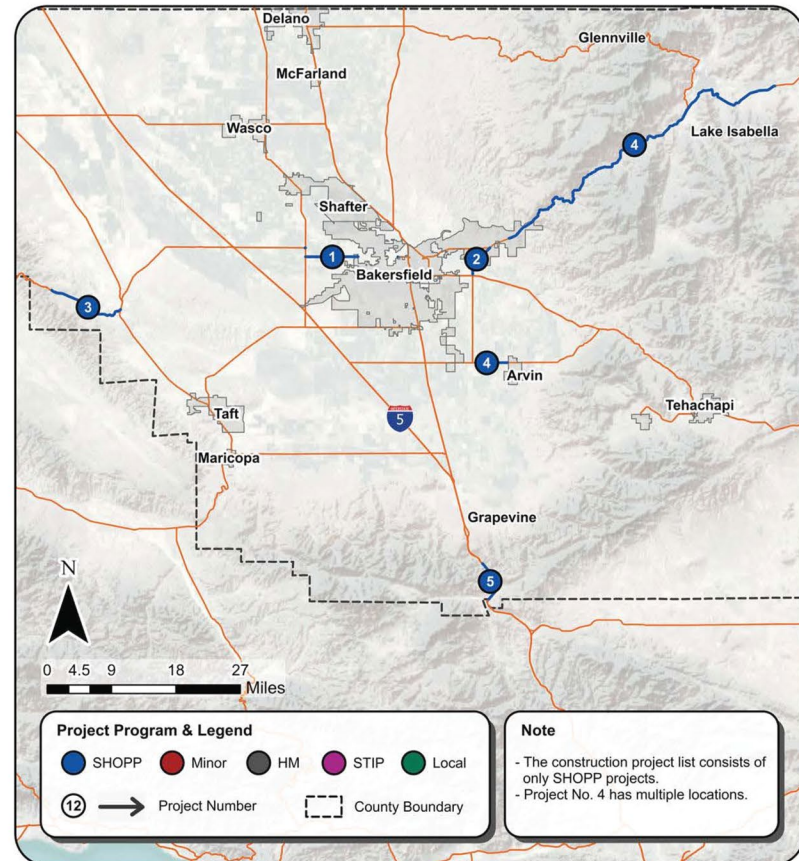
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



Attachment B: Current Listings of State Highway Maintenance Project Investments



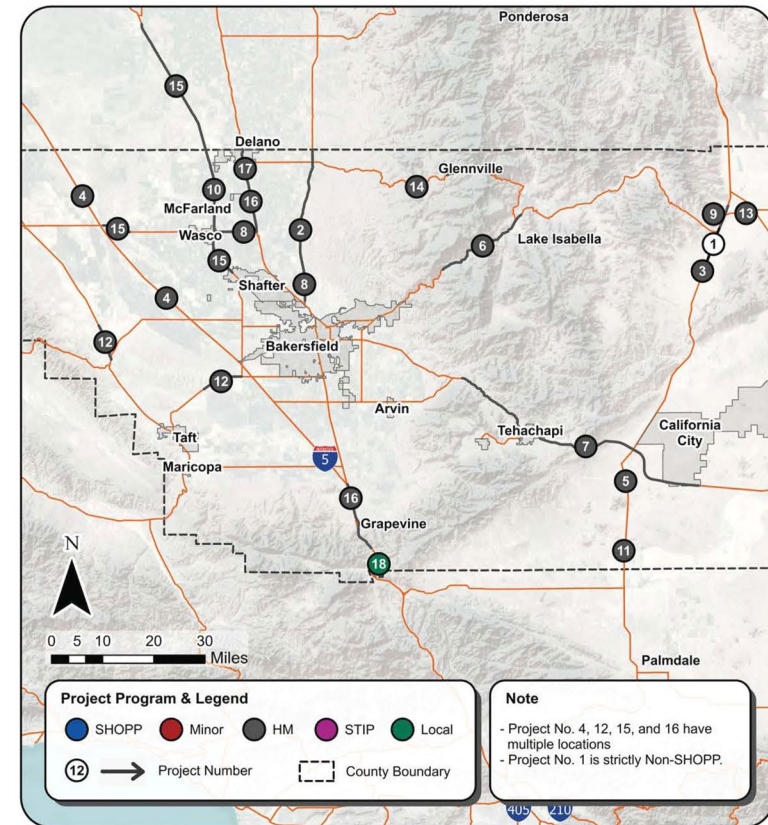
KERN COUNCIL OF GOVERNMENTS & CALTRANS REGIONAL COORDINATION FOR PROJECTS REGIONAL SIGNIFICANCE NON-SHOPP PROGRAM PROJECT LIST - PART I



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

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Non-SHOPP Program Project List - Part I

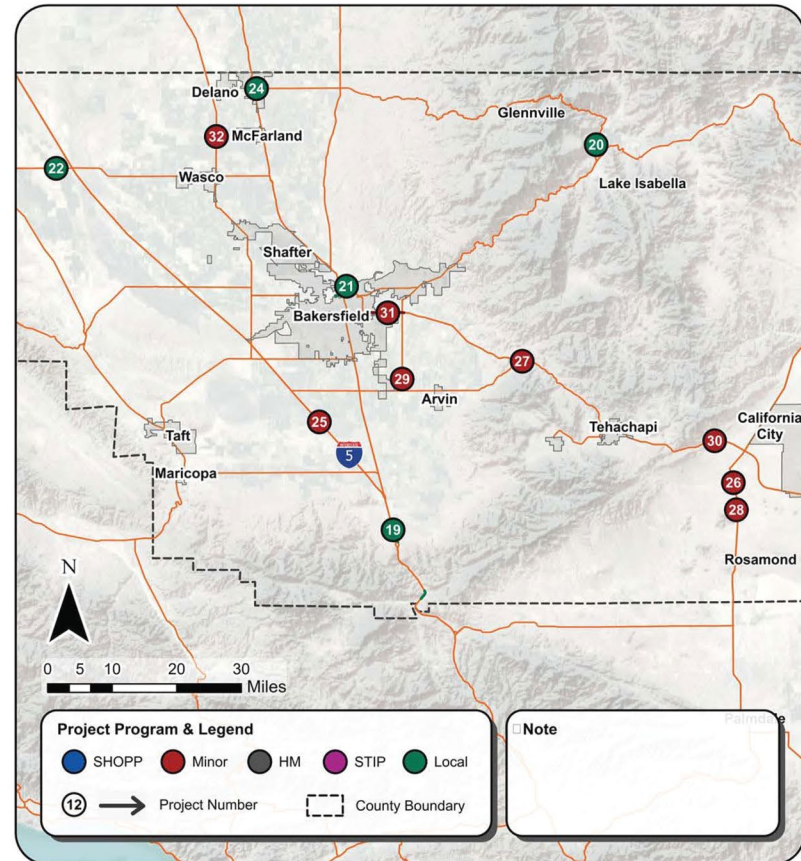
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



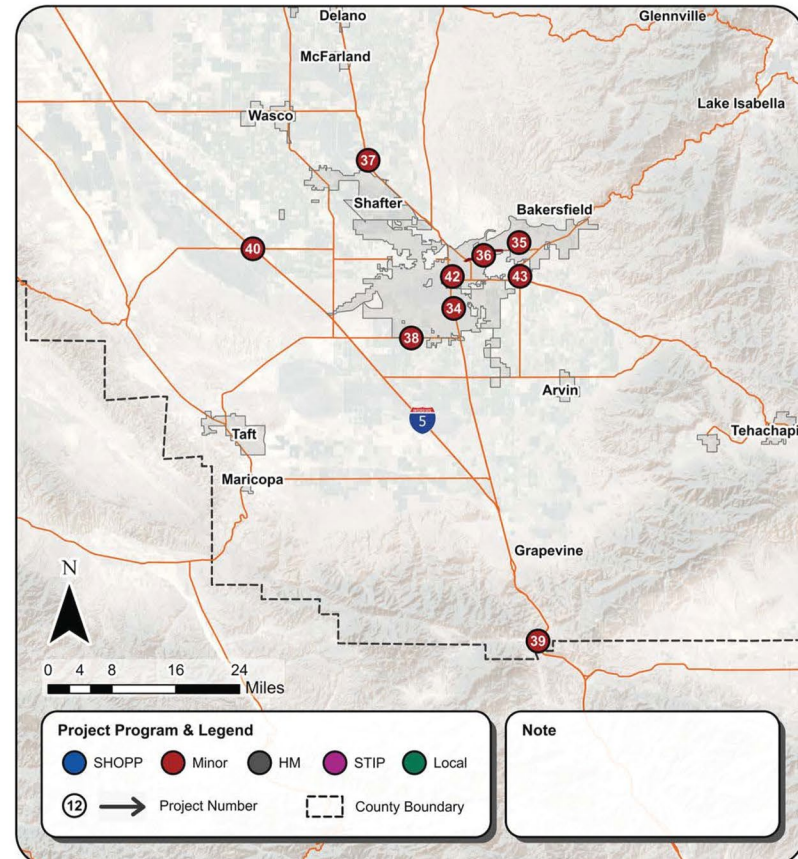
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



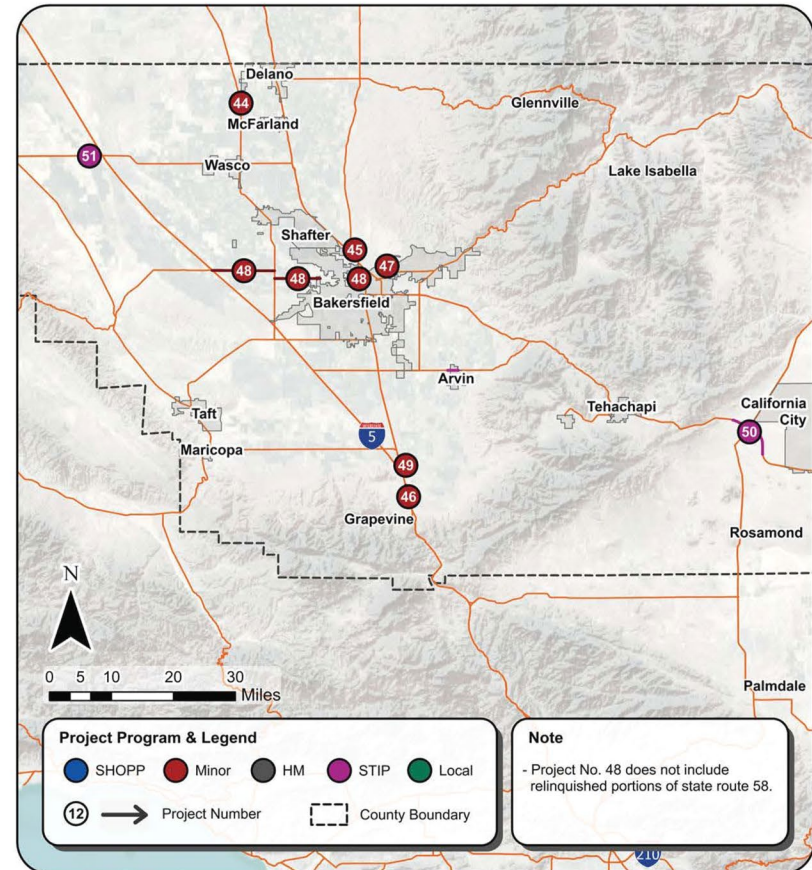
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



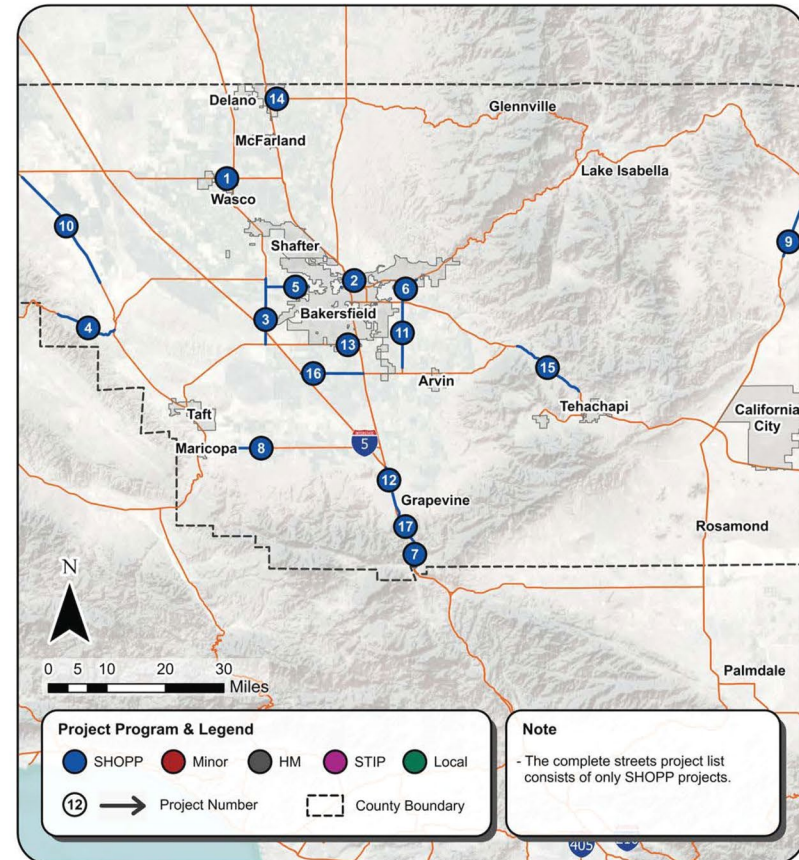
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



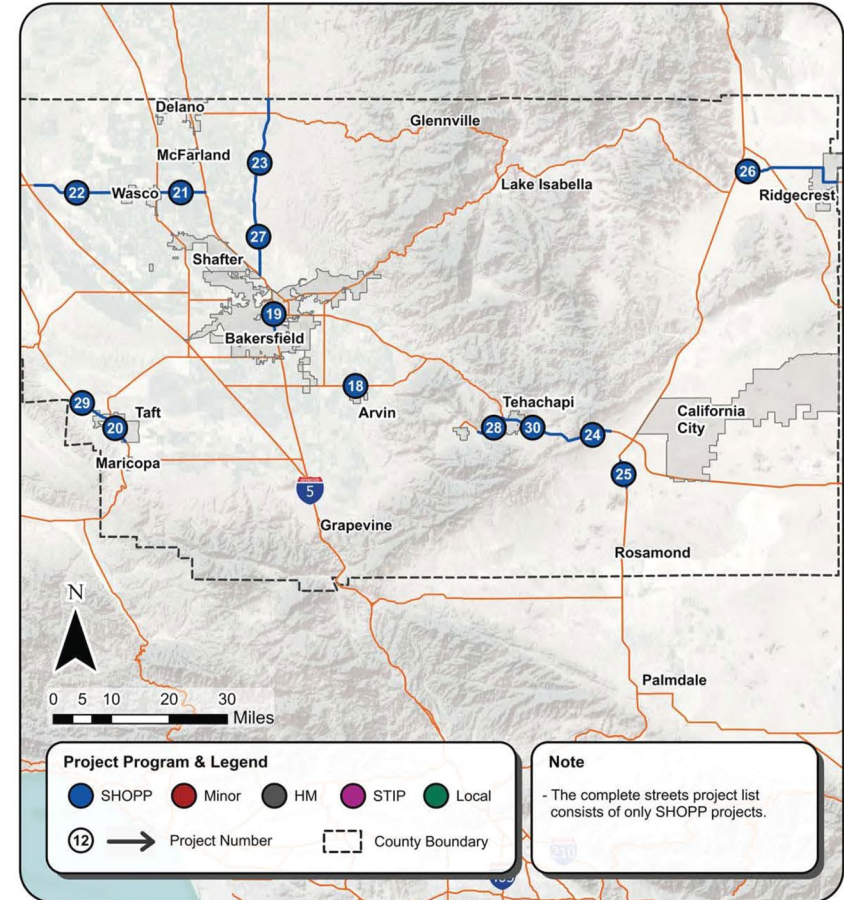
Attachment B: Current Listings of State Highway Maintenance Project Investments



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



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



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



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	
Wheeler Ridge Rd; Le Gray Rd-Rte 223	\$3,970,000				\$1,100,000	
Rte 14; old Rte 58-Phillips Rd	\$3,550,000				\$420,000	
Rte 46; SLO Co. line-Keck's Corner * ^a	\$3,185,000				\$365,000	
Rte 46; Wasco Rte 43 N.-Jumper Ave	\$2,185,000				\$1,000,000	
Rte 58; in Tehachapi at Dennison Rd	\$1,685,000				\$500,000	
Rte 119; in Taft, Cherry-Tupman	\$868,000				\$817,000	
Rte 184; Rte 223-Panama Lane	\$254,000				\$614,000	
Rte 395; Inyo Co.-Olancho/Cartago	\$139,000				\$115,000	
1998 Balance	\$139,000* ^b		\$0	0%	\$6,038,000	98%
2000 RTIP Committed Programming*^c	\$7,426,000		\$4,455,600	60%	\$2,970,400	40%
Rte 14; old Rte 58-Phillips Rd	\$2,000,000				\$5,426,000	
Rte 46; SLO Co. line-Keck's Corner * ^a	\$1,000,000				\$1,000,000	
Rte 46; Keck's Road to I-5 * ^a	\$0				\$1,000,000	
2000 Balance			\$0	0%	\$7,426,000	100%
2002 RTIP Committed Programming*^c	\$37,008,000		\$8,766,000	60%	\$5,844,000	40%
STIP PPM	\$36,510,000	\$498,000				
Westside Parkway* ^d	\$14,610,000	\$21,900,000				
Rte 14; near Rte 178	\$13,086,000				\$1,524,000	
Rte 46; Keck's Road to I-5* ^a	\$8,631,000				\$4,455,000	
Rte 46; Rte43 N.-Jumper Ave	\$8,221,000				\$410,000	
Rte 58; in Tehachapi at Dennison Rd	\$7,186,000				\$1,035,000	
Rte 99; White Lane Soundwall	\$6,436,000		\$750,000			
Rte 119; in Taft, Cherry-Tupman	\$5,436,000				\$1,000,000	
Rte 184; Weedpatch Hwy	\$4,096,000				\$1,340,000	
Rte 395; China Lake Blvd to Rte178	\$3,296,000				\$800,000	
Rte 395; Mono Co. - Highpoint Curve	\$3,165,000				\$131,000	
Rte 395; I-15 to Rte 58	\$1,165,000				\$2,000,000	
West Ridgecrest Blvd	\$165,000				\$1,000,000	
7th Standard Road (East) - Wings Way	\$0		\$165,000			
2002 Balance			\$915,000	6%	\$13,695,000	94%
2004 RTIP Committed Programming*^c	\$72,132,000		\$24,643,800	60%	\$16,429,200	40%
STIP PPM	\$71,773,000	\$359,000				
Westside Parkway* ^d	\$41,073,000	\$30,700,000				
Rte 14; old Rte 58-Phillips Rd	\$22,960,000				\$18,113,000	
Rte 46; SLO Co. line-Keck's Corner * ^a	\$22,160,000				\$800,000	
Rte 46; Rte43 N.-Jumper Ave	\$21,500,000				\$660,000	
Rte 119; in Taft, Cherry-Tupman	\$21,000,000				\$500,000	
Rte 178; at Fairfax Rd	\$6,000,000		\$15,000,000			
7th Standard Road Interchange	\$3,500,000		\$2,500,000			
7th Standard Road (East) - Wings Way	\$1,000,000		\$2,500,000			
7th Standard Road (West) - Shafter	\$0				\$1,000,000	
2004 Balance			\$20,000,000	49%	\$21,073,000	51%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2006 RTIP - Respreading Budget^{*c}	\$13,014,000		\$7,733,400	60%	\$5,155,600	40%
STIP PPM	\$12,889,000	\$125,000				
Rte 58; in Tehachapi at Dennison Rd	\$11,720,000				\$1,169,000	
Rte 395; China Lake Blvd to Rte178	\$11,280,000				\$440,000	
Rte 395; Inyo Co.-Indep. Mitigation	\$11,200,000				\$80,000	
7th Standard Road (West) - Shafter	\$0				\$11,200,000	
2006 Balance			\$0	0%	\$12,889,000	100%
2006 RTIP Augmentation	\$20,592,000		\$1,843,200	60%	\$1,228,800	40%
STIP PPM	\$19,772,000	\$820,000				
Westside Parkway ^{*d}	\$3,072,000	\$16,700,000				
Rte 46; Keck's Road to Rte 33 ^{*a}	\$2,622,000				\$450,000	
Rte 395; Inyo Co.-Independence	\$687,000				\$1,935,000	
Rte 395; Inyo Co.-Olancho/Cartago	\$0				\$687,000	
2006 Augmentation Balance			\$0	0%	\$3,072,000	100%
2008 RTIP Committed Programming	\$164,761,000		\$61,756,800	60%	\$41,171,200	40%
STIP PPM	\$161,598,000	\$3,163,000				
Westside Parkway ^{*d}	\$28,398,000	\$58,670,000	\$74,530,000			
Rte 46; SLO Co. line-Keck's Corner ^{*a}	\$27,098,000				\$1,300,000	
Rte 46; Keck's Road to Rte 33 ^{*a}	\$0				\$27,098,000	
2008 Balance			\$74,530,000	72%	\$28,398,000	28%
2010 RTIP Committed Programming	\$54,477,000		\$31,620,000	60%	\$21,080,000	40%
STIP PPM	\$52,700,000	\$1,777,000				
Westside Parkway	\$2,700,000		\$50,000,000			
SR 99: South	\$0		\$2,700,000			
2010 Balance			\$52,700,000	100%	\$0	0%
2012 RTIP Committed Programming	\$16,318,000		\$9,232,800	60%	\$6,155,200	40%
STIP PPM	\$15,388,000	\$930,000				
Rte 14; near Rte 178	\$9,868,000				\$5,520,000	
Rte 395; Inyo Co. Olancho/Cartago	\$7,700,000				\$2,168,000	
West Ridgecrest Blvd	\$1,500,000				\$6,200,000	
Challenger Drive Ext.	\$0				\$1,500,000	
2012 Balance			\$0	0%	\$15,388,000	100%
2014 RTIP Committed Programming	\$5,803,000		\$3,123,000	60%	\$2,082,000	40%
STIP PPM	\$5,205,000	\$598,000				
Rte 119; Truck Climbing Lane	\$0				\$5,205,000	
2014 Balance			\$0	0%	\$5,205,000	100%
2016 RTIP Respreading Budget^{*c}	\$38,398,000		\$22,560,600	60%	\$15,040,400	40%
STIP PPM	\$37,601,000	\$797,000				
Rte 46; Lost Hill Rd to E of I-5; 4A ^{*a}	\$33,501,000				\$4,100,000	
Rte 58; Westside Parkway Connector	\$500,000		\$33,001,000			
Rte 395; Inyo Co. Olancho/Cartago Arch.	\$0				\$500,000	
2016 Balance			\$33,001,000	87%	\$4,600,000	12%

Attachment D: KCOG RIP 60/40 Status

DRAFT Regional Improvement Program 60/40 Formula Apportionment

(Programming After 2022 RTIP)

Project Description	Balance	Non- 60/40	Metro	%	Non-Metro	%
2018 RTIP Committed Programming	\$38,820,000		\$22,842,000	60%	\$15,228,000	40%
STIP PPM	\$38,070,000	\$750,000				
Rte 14 Freeman Gulch-Segment 2	\$36,110,000				\$1,960,000	
Rte 46; Brown Mat.-e/o Lost Hills Rd; 4B* ^a	\$33,710,000				\$2,400,000	
Rte 58; WS Pkwy Conn Mainline Ph1	\$3,500,000		\$30,210,000			
Rte 132 Expressway, Phase 1	\$0				\$3,500,000	
2018 Balance			\$30,210,000	79%	\$7,860,000	21%
2020 RTIP Cycle Committed Programming	\$19,095,000		\$11,007,000	60%	\$7,338,000	40%
STIP PPM	\$18,345,000	\$750,000				
Rte 46; CA Aque. Br-e/o Lost Hills Rd; 4B* ^a	\$14,745,000				\$3,600,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	\$9,295,000				\$5,450,000	
Rte 395; Inyo Co. Olancho/Cartago	\$0				\$9,295,000	
2020 Balance			\$0	0%	\$18,345,000	100%
2022 RTIP Cycle	\$38,053,000		\$22,057,200	60%	\$14,704,800	40%
STIP PPM	\$36,762,000	\$1,291,000				
Rte 46; Lost Hill Rd to E of I-5; 4A* ^a	\$32,638,000				\$4,124,000	
Rte 46; Brown Mat.-CA Aqueduct; 4C	\$24,093,000				\$8,545,000	
Rte 58/99 Centennial Loop Connector	\$0		\$24,093,000			
2022 Balance			\$24,093,000	66%	\$12,669,000	34%
End Balance* ^b			\$235,449,000	60%	\$156,658,000	40%
			<u>\$235,264,200</u>	<u>60%</u>	<u>\$156,842,800</u>	<u>40%</u>
			\$184,800		-\$184,800	

Notes:

*^a As per \$45 million total commitment.

*^b Carryover included in the next RTIP fund estimate because no project was ready to utilize for any phase of development.

*^c The 2006 RTIP and 2016 RTIP do not offer any new programming dollars instead existing unallocated programming from previous RTIP cycles has been respread.

*^d \$145 million of 1998 RTIP funds were dedicated to the former Kern River Freeway in the Metro area at the beginning of SB45 and before the 60/40 policy adoption. The "End Balance" is calculated without the \$145 million.

*^e "End Balance" analysis consists of the sum of committed programming. Kern COG staff was careful not to double count any commitments. Please bring any corrections to the attention of Kern COG staff.

Attachment E: 2024 RTIP Capital Improvement Program – Baseline

KERN COUNCIL OF GOVERNMENTS - 2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - BASELINE CAPITAL IMPROVEMENT PROGRAM (\$ X 1,000)																				
PROJECT DESCRIPTION	NOTES	PRIORITY	CURRENT AND PROPOSED PHASES				PROJECT TOTAL	KCOG ALL RIP TOTAL	SUMMARY OF ALL FUNDING SOURCES				KCOG RTIP CAPITAL IMPROVEMENT PROGRAM - RIP ONLY							
			ENV	DES	ROW	CON			IIP	KCOG SHARE RIP	OTHER	TOTAL	PRIOR YEAR	2022 STIP CARRYOVER			NEW 2024 RTIP			2024 RTIP
														2024-25	2025-26	2026-27	2027-28	2028-29	MAX SHARE	APDE
PLANNING, PROGRAMMING & MONITORING							\$ 1,591	\$ 1,591	\$ -	\$ 1,591	\$ -	\$ 1,591		\$ 591	\$ 500	\$ 500	\$ -	\$ -		\$ -
2024 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM - PROPOSED CAPITAL IMPROVEMENT PROGRAM																				
SR 58/99 – CENTENNIAL CORRIDOR CONNECTOR - EB SR 58 to NB SR 99	1	1	●				\$ 26,093	\$ 24,093	\$ -	\$ 24,093	\$ 2,000	\$ 26,093	\$ -	\$ -	\$ 24,093	\$ -	\$ -	\$ -	\$ -	\$ -
SR 58 CENTENNIAL CORRIDOR MAINLINE AB 3090 ALLOCATIONS	2	1	●	●	●	●	\$ 63,211	\$ 63,211	\$ -	\$ 63,211	\$ -	\$ 63,211	\$ 63,211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SR 46 - WIDENING SEGMENT 4B	3	2	●	●	●	●	\$ 40,503	\$ 6,000	\$ -	\$ 6,000	\$ 34,503	\$ 40,503	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SR 46 - WIDENING SEGMENT 4C	4	2	●	●	●	●	\$ 38,050	\$ 13,995	\$ -	\$ 13,995	\$ 24,055	\$ 38,050	\$ 13,995	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SR 204 / HAGEMAN FLYOVER	5	B	●	●	●	●	\$ 63,723	\$ 2,686	\$ -	\$ 2,686	\$ 61,037	\$ 63,723	\$ 2,686	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SR 58 TRUCK CLIMBING LANES	6	B	●				\$ 3,200	\$ 2,272	\$ -	\$ 2,272	\$ 928	\$ 3,200	\$ 2,272	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
APDE PROJECTS (ADVANCE PROJECT DEVELOPMENT ELEMENT)																				
NO APDE PROJECTS IDENTIFIED	7						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL FOR 2024 RTIP SUBMITTAL							\$ 236,371	\$ 113,848	\$ -	\$ 113,848	\$ 122,523	\$ 236,371	\$ 88,164	\$ 591	\$ 24,593	\$ 500	\$ -	\$ -	\$ -	\$ -

NOTE 1: SR 58/99 CENTENNIAL CORRIDOR LOOP WAS ADDED AS PART OF 2022 STIP AMENDMENT.

NOTE 2: THE AB 3090 ALLOCATION PAYMENTS WERE APPROVED BY THE CTC ON OCTOBER 17, 2019. ALL ALLOCATIONS HAVE BEEN RECEIVED. THIS PROJECT IS UNDER CONSTRUCTION.

NOTE 3: SR 46 WIDENING SEGMENT 4B IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 4: SR 46 WIDENING SEGMENT 4C IS NOW UNDER CONSTRUCTION AND DOES NOT NEED TO MOVE FORWARD INTO THE 2024 RTIP.

NOTE 5: SR 204 / HAGEMAN FLYOVER WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP (\$2.686 MILLION) AND NON-STIP (\$2.565 MILLION) COVID FUNDING. TOTAL COVID \$5.251 MILLION.

NOTE 6: SR 58 TRUCK CLIMBING LANES WAS ADDED WITH THE 2021 MID-CYCLE STIP AND INCLUDES BOTH STIP (\$2.272 MILLION) AND NON-STIP (\$928,000) COVID FUNDING. TOTAL COVID \$3.2 MILLION.

NOTE 7: APDE OPTIONS ARE OUTLINED IN STIP GUIDELINES AND DEPENDENT ON OUTER YEAR CAPACITY. PROPOSED APDE ACTIVITY IS CONSIDERED AN ADVANCE OF FUTURE RIP SHARES.

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VII.
INTELLIGENT TRANSPORTATION SYSTEMS (ITS) KERN UPDATE – MONITORING
PROGRAM

DESCRIPTION:

This is the annual project status report.

DISCUSSION:

Background

The ITS Plan for the Kern Region was approved by the Kern COG Board on June 21, 2018 and Federally acknowledged on July 9, 2018. The ITS Plan serves as a planning roadmap for ITS strategies and projects to be implemented in the region. This Plan provides guidance to stakeholders on the planning, development, and funding of ITS projects. The contents of this document include project and strategy prioritization and phasing, and then makes recommendations for the use and maintenance of the Regional ITS Architecture to ensure that the projects and strategies from the Plan are implemented.

The 2018 ITS Plan for the Kern Region is posted on the Kern COG website at:

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

Monitoring Program

Section 12.4 of the ITS Plan reads: Annually, a listing of the projects recommended in the ITS Plan will be produced and a project status update will be requested. A status report would be provided to the Transportation Technical Advisory Committee and Kern COG Board.

Updates to Table 12-1 Kern Region Prioritized Project List were due May 19th. No updates were received.

ACTION: Information.

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Raquel Pacheco, Regional Planner
Robert M. Snoddy, Regional Planner

SUBJECT: TTAC AGENDA ITEM: VIII.
PROJECT ACCOUNTABILITY TEAM REPORT

DESCRIPTION:

Kern COG staff to provide the latest updates.

DISCUSSION:

The Project Accountability Team meetings are held quarterly as needed to discuss project implementation issues and to develop solutions. Participants review project status information for projects in the Federal Transportation Improvement Program (FTIP). Since no meeting has been held recently, this report is meant to provide the latest updates.

1. Transportation Development Act (TDA) Article 3 invoices should be submitted to Bob Snoddy at bsnoddy@kerncog.org. Please see project list attached.
2. Congestion Mitigation Air Quality (CMAQ) Program and Regional Surface Transportation Program (RSTP) applications are due by 5:00 PM on July 17, 2023. Remember to schedule time for approval of the resolutions of local support. A resolution where a commitment is made to fund and implement projects as described in application is required with the submittal of application.
3. Score Card – 79% of projects have approved funding authorization; 1% is awaiting funding authorization; 20% has not been submitted for funding authorization (two Active Transportation Program projects totaling \$6,373,000 requested CTC time extensions).
4. The FY 23/24 Active Transportation Program (ATP), Congestion Mitigation Air Quality Program (CMAQ), Regional Surface Transportation Program (RSTP) project list is provided to remind agencies to deliver early.

Attachments: May 17, 2023 TDA Article 3 project list
May 18, 2023 FY 22/23 Score Card
May 18, 2023 FY 22/23 ATP/CMAQ/RSTP project list
May 18, 2023 FY 23/24 ATP/CMAQ/RSTP project list

ACTION: Information.

1) Transportation Development Act Article 3 Program - Un-invoiced Projects <u>Before</u> FY 2021-22						
Project Status						
Status Code: 1=Not Started 2=Under Construction 3=Completed						
Jurisdiction	Auth. Date	Auth. Minute Order	Project Name	Funding	Status Code	
Bakersfield	9/19/2019	MO#19-03	Pedestrian Countdown Counters	\$ 5,810	3	Waiting for invoice
Bakersfield total				\$ 5,810		
Kern County	9/19/2019	MO-19-03	Lake Ming/KR Golf Course Extension (I of III)	\$ -	3	Invoiced 3/24/2023
Kern County total				\$ -		
McFarland	9/15/2016	MO#16-05	Bicycle Safety	\$ 2,000	3	Partial billing of \$904.30 on July 27, 2018
McFarland	9/19/2019	MO#19-03	Bike Parking	\$ 3,000	1	
McFarland	9/19/2019	MO#19-03	Bike Safety Program	\$ 2,000	1	Completed July 8, 2022
McFarland	9/19/2019	MO#19-03	West Kern Ave and 6th Street Curbs (I of II)	\$ -	3	
McFarland total				\$ 7,000		
Taft	9/19/2019	MO#19-03	South 4th Street Pedestrian Improvements (I of II)	\$ -	3	Project will be completed by June 2022
Taft total				\$ -		
Current outstanding TDA Article 3 projects un-invoiced				\$ 12,810		

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

May 18, 2023

TO: TTAC Members and Project Managers

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

DRAFT

By: Raquel Pacheco, Regional Planner

RE: Project Delivery Score Card

Federal Transportation Improvement Program

Federal/State \$ in FY 22/23				
FY 2022-23	No. of Projects	Preliminary Engineering	Construction	% of funding
ATP	5	\$140,000	\$10,889,000	
CMAQ	14	\$1,273,289	\$9,960,380	
RSTP	13	\$198,367	\$11,882,657	
Totals	32	\$1,611,656	\$32,732,037	100%

1. Not Submitted	No. of Projects	Preliminary Engineering	Construction	% of funding
ATP	2	\$0	\$6,373,000	
CMAQ	1	\$0	\$529,409	
<u>RSTP</u>	<u>0</u>	<u>\$0</u>	<u>\$0</u>	
Total	3	\$0	\$6,902,409	20%

2. Submitted	No. of Projects	Preliminary Engineering	Construction	% of funding
ATP	1	\$0	\$210,000	
CMAQ	0	\$0	\$0	
<u>RSTP</u>	<u>0</u>	<u>\$0</u>	<u>\$0</u>	
Total	1	\$0	\$210,000	1%

3. State/Federal Approvals	No. of Projects	Preliminary Engineering	Construction	% of funding
ATP	2	\$140,000	\$4,306,000	
CMAQ	13	\$1,273,289	\$9,430,971	
<u>RSTP</u>	<u>13</u>	<u>\$198,367</u>	<u>\$11,882,657</u>	
Total	28	\$1,611,656	\$25,619,628	79%

Legend:

ATP – Active Transportation Program;

CMAQ – Congestion Mitigation Air Quality Program;

RSTP/HIP – Regional Surface Transportation Program/Highway Infrastructure Program

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403	STPL- 5109(278)	Stockdale Hwy from Gosford Rd to New Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	\$0	\$5,169,000	\$5,838,699	done	3
Bakersfield	KER180507		Mt Vernon Ave from Bernard St to Panorama Dr; installation of adaptive signal coordination	\$0	\$529,409	\$598,000	May 2023	1
Bakersfield	KER211002	Cycle 5 MPO	Chester Avenue between 4th Street and Brundage Lane; construction of center medians, continental crosswalks, and bike lanes with additional pavement markings (CTC approved time extension to 6/30/2023)	\$0	\$210,000	\$791,000	April for June CTC	2a
Bakersfield	KER191004	Cycle 4 MPO ATPCML- 5109(272)	Bounded by 7th Standard Rd, Kern River Parkway and approx 6 miles Friant Kern Canal; construct Class I multi-use path (CTC approved time extension to 2/29/2024)	\$0	\$4,306,000	\$8,200,000	done	3
Cal. City	KER180403	STPL- 5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	\$58,922	\$0	\$66,557	done	3
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	\$0	\$0	\$10,000	N/A	N/A
Delano	KER180403	STPL- 5227(070)	20th Ave from Girard St to Norwalk St and Norwalk St from County Line Rd to 14th Ave; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	\$0	\$698,000	\$788,433	done	3
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	\$140,000	\$0	\$140,000	done	3
KCOG	KER220401	STPLNI- 6087(077)	In Kern County: Regional Traffic Count Program	\$0	\$79,677	\$90,000	done	3
KCOG	KER220501	CMLNI- 6087(067)	In Kern County: CommuteKern Rideshare Program	\$0	\$240,187	\$271,306	done	3
Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved. 2a. Allocation request to CTC. A. Amendment pending								
NOTES								

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 - Pogoso St); Surface 0.25 miles of unpaved shoulder	\$421,690	\$0	\$476,324	done	3
Kern Co.	KER180507	CML- 5961(017)	Kern County (Tehachapi): Backes Ln (Highline Rd - Schout Rd), Schout Rd (Backes Ln - Woodford Tehachapi Rd), Woodford Tehachapi Rd (Schout Rd - SR 202); pave shoulder and bike lane	\$0	\$1,832,751	\$2,070,203	done	3
Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved. 2a. Allocation request to CTC. A. Amendment pending								
NOTES								

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 accessibility improvements	\$0	\$4,286,000	\$4,841,000	April for June CTC - request time extension	1
McFarland	KER220403	STPL- 5343(020)	Intersection of W. Perkins and 3rd St; improve safer commute and increase safety by installing flashing stop lights, high visibility flashing crosswalk, resurfacing road on a crosswalk and surrounding crosswalk area, striping road, and ADA ramps	\$49,399	\$0	\$55,800	done	3
Ridgecrest	KER180403		W. Ward Ave. from N. Norma St. to N. Downs St.; approximately 2,600ft. multi-lane roadway of resurfacing, drainage and intersection improvements	\$0	\$0	\$85,219	N/A	N/A
Shafter	KER220404	STPL- 5281(034)	7th Standard Rd from Friant Kern Canal to Zachary Ave; pavement reconstruction	\$0	\$538,000	\$775,000	done	3
Taft	KER180403		10th St from Pilgrim Ave to Kern St (approximately 2,350 linear ft); pavement rehabilitation	\$0	\$0	\$44,900	N/A	N/A
Taft	KER220503	CML- 5193(045)	550 Supply Rd; Install charging infrastructure and solar microgrid	\$229,514	\$0	\$259,250	done	3
Tehachapi	KER180403	STPL- 5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	\$21,250	\$0	\$24,003	done	3
Tehachapi	KER200505	CML- 5184(038)	Pinon Street from Brandon Lane east to Dennison Road; pave an unpaved street and install class II bike lane	\$0	\$371,826	\$420,001	done	3
NOTES Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved. 2a. Allocation request to CTC. A. Amendment pending								

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Tehachapi	KER211005	Cycle 5 MPO	SRTS Dennison Road Bicycle / Pedestrian Corridor Improvement project (CTC approved time extension to 2/28/2025)	\$0	\$2,087,000	\$2,087,000	March for May CTC - request time extension	1
Wasco	KER180403	STPL- 5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	\$68,796	\$0	\$77,710	done	3
Wasco	KER180507	CML- 5287(062)	Wasco: Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	\$49,156	\$0	\$55,525	done	3
Wasco	KER180507	CML- 5287(058)	N. Palm Ave. between Margalo St. and Gromer Ave; pave shoulders, construct bicycle and pedestrian facilities	\$0	\$350,671	\$396,105	done	3
NOTES Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved. 2a. Allocation request to CTC. A. Amendment pending								

Lead	PIN	Project No./ Grant No.	Description	Federal/ State PE	Federal/ State CON	Total	Date Expect to Submit	Note
Bakersfield	KER180403		Panama Ln from Gosford Rd to Stine Rd; pavement rehabilitation using either a combination of both and/or hot mix asphalt (HMA) and rubberized hot mix asphalt (R-HMA), installation of striping and markings, installation of traffic detector loops, installation of pedestrian access ramps, and adjustments of existing manholes and monuments	\$0	\$5,167,000	\$5,836,440		1
Bakersfield	KER180507		White Ln from Wible Rd to Buena Vista Rd; installation of adaptive signal coordination	\$0	\$775,080	\$875,500	Jan 2024	1
Bakersfield	KER180507		Stockdale Hwy from Renfro Rd to Coffee Rd; installation of adaptive signal coordination	\$0	\$336,768	\$380,400	Jan 2024	1
Bakersfield	KER180507		H St from White Ln to Panama Ln, Panama Ln from Akers Rd to Parsons Wy; installation of adaptive signal coordination	\$0	\$509,048	\$575,001	Jan 2024	1
Cal. City	KER180403	STPL- 5399(033)	Hacienda Blvd from Manzanita Ave to Redwood Blvd; cold plane existing asphalt surface, cement treat sub-grade surface, apply 4 in type a asphalt, striping markings and signage. install curb and gutter and sidewalk, and ADA curb ramps	\$0	\$313,078	\$541,389	Jan 2024	1
Cal. City	KER220502		Redwood Blvd from 560 ft east of Hacienda Blvd to 98th St; surface unpaved shoulders/roadway, install Class II bike lanes, sidewalks and raised median island approx 1,500 ft	\$0	\$846,966	\$956,700	Jan 2024	1
Delano	KER180403		Randolph St from Cecil Ave to 9th Ave and High St from Cecil Ave to Garces Hwy; pavement resurfacing and rehabilitation including 1-1/2 inch grinding and hot mix asphalt overlay and striping	\$0	\$698,000	\$788,433	Jan 2024	1
Delano	KER211001	Cycle 5 Statewide	ATP-5 SRTS Intersection Enhancement and NI Work Plan	\$0	\$1,024,000	\$1,038,000		1
Delano	KER211003	Cycle 5 MPO	ATP-5 Bike Lane and Sidewalk Gap Improvement Project	\$120,000	\$791,000	\$925,000		3, 1
KCOG	KER220401		In Kern County: Regional Traffic Count Program	\$0	\$79,677	\$90,000	Jan 2024	1
KCOG	KER220501		In Kern County: CommuteKern Rideshare Program	\$0	\$256,470	\$289,699	Jan 2024	1
Kern Co.	KER180403		Kern County: Buena Vista Rd from South Fairfax Rd to Main St; 1 mile of road rehabilitation	\$0	\$1,600,000	\$1,807,297		1
Kern Co.	KER220402		Kern County: Buena Vista Blvd from South Vineland Rd to South Edison Rd; reconstruct 1 mile of road by recompacting the subgrade and installing new road base	\$0	\$1,600,000	\$1,807,297		1
Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved. 2a. Allocation request to CTC. A. Amendment pending								
NOTES								

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 - Pogosos 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	CML- 5193(045)	550 Supply Rd; Install charging infrastructure and solar microgrid	\$0	\$2,726,626	\$3,079,890		1
Tehachapi	KER180403	STPL- 5184(042)	Valley Blvd from Beech St to Curry St; rehabilitate 0.30 miles of ac pavement by grinding approximately 3" and overlaying new asphalt and applying slurry seal to the remaining 0.30 miles of roadway, for an approximate 0.60 miles of roadway rehabilitation	\$0	\$314,746	\$355,525		2
Wasco	KER180403	STPL- 5287(061)	Central Ave Rd from Filburn St to SR 46 (approximately 6,567 ft); pavement rehabilitation	\$0	\$691,204	\$780,757		1
Wasco	KER180507	CML- 5287(062)	Poso Ave from Central Ave to Martin St; bicycle and pedestrian improvements, pave southside unpaved shoulders	\$0	\$308,994	\$349,028		1
NOTES Project funding authorization request (E-76 or grant): 1. Not submitted; 2. Submitted; or 3. Approved. 2a. Allocation request to CTC. A. Amendment pending								

May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rob Ball, Planning Director
Ed Flickinger, Regional Planner III

SUBJECT: TTAC AGENDA ITEM: IX.
BIENNIAL LOCAL STREETS AND ROADS SURVEY – MAY 2023

DESCRIPTION:

A 2022 statewide biennial local streets and roads survey report was completed to help direct road maintenance funding to local jurisdictions.

DISCUSSION

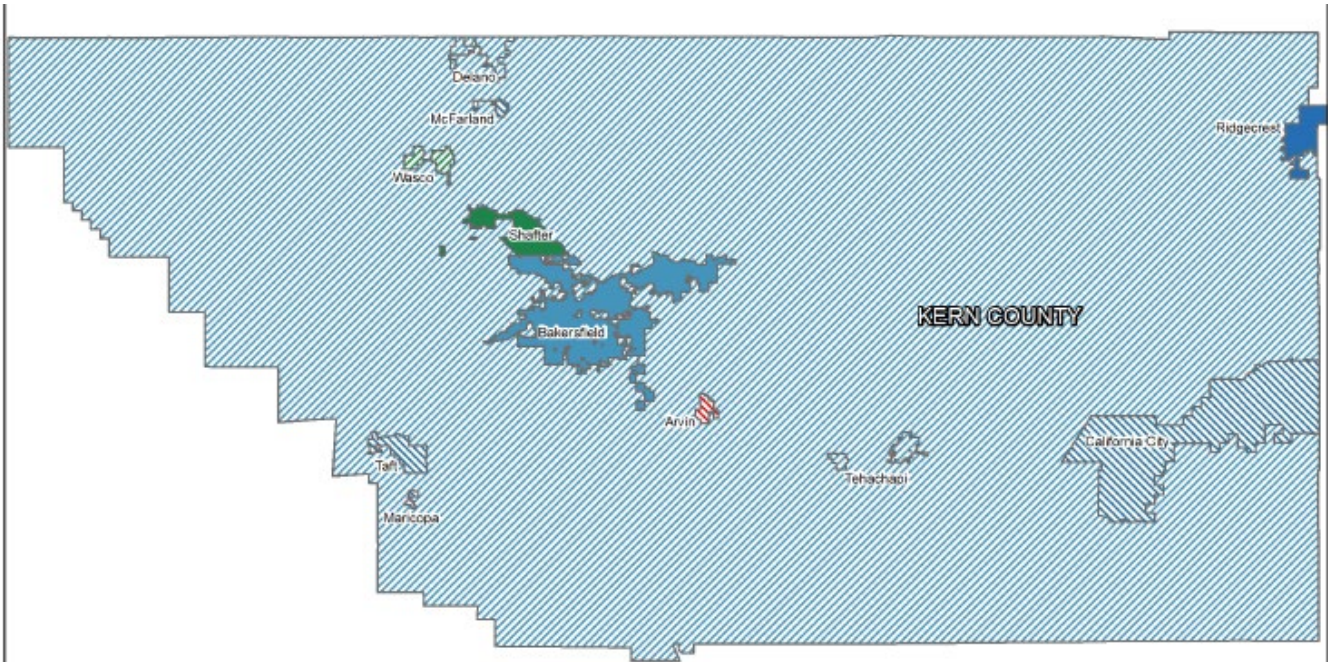
Since 2008 the biennial Statewide Local Streets and Roads survey has been sent out by the Save California Streets Coalition. Save California Streets is comprised of several organizations including the California League of Cities. More information can be found on <http://www.savecaliforniastreet.org> along with the 2022 report and previous reports. The survey was sent by email from a consultant to public works personnel. Some of the information requested was:

- Pavement condition data
- Safety, traffic & regulatory data (e.g. storm drains, ramps etc.)
- Funding/expenditure projections









The results of the survey may affect SB1 road maintenance funding for your community. The survey shows (see the below table and map) a decline in Pavement Condition Index (PCI) from 2020 from 65 to 63 in the 2022 survey. Ridgecrest, Shafter, and Bakersfield responded to the survey from Kern County. The consultant incorporated some historical responses from 2016 to 2020 past surveys to provide 84% of the total area data. To get more accurate data in the future, full participation is needed.

Table 2.4 Summary of PCI Data by County (includes Cities) for 2008–2022

County (Cities Included)	Centerline Miles	Lane Miles	Area (sy)	Average Weighted PCI*							
				2008	2010	2012	2014	2016	2018	2020	2022
Alameda	3,596	8,150	73,382,886	66	67	68	66	68	68	68	67
Alpine	151	302	2,139,517	40	45	45	44	44	41	58	58
Amador	477	945	3,598,703	31	34	33	33	56	51	51	50
Butte	1,816	3,644	28,691,159	70	67	65	66	65	60	60	55
Calaveras	831	1,340	8,201,768	55	53	51	51	51	50	52	44
Colusa	761	1,247	13,240,593	61	60	60	62	63	60	61	61
Contra Costa	3,348	7,012	65,788,024	72	70	71	68	69	71	70	68
Del Norte	323	646	4,418,399	70	68	64	63	63	60	60	67
El Dorado	1,399	2,684	21,458,907	62	58	63	63	62	63	63	63
Fresno	6,335	12,563	112,879,098	74	70	69	69	64	61	60	59
Glenn	848	2,017	11,940,355	68	68	68	68	68	68	62	50
Humboldt	1,163	2,354	16,791,631	61	56	64	64	63	56	57	53
Imperial	3,024	6,103	76,823,230	74	72	57	57	58	55	58	56
Inyo	1,133	1,832	13,681,682	75	57	60	62	62	61	62	62
Kern	5,725	12,615	117,170,333	66	63	64	64	63	63	65	63
Kings	1,324	2,710	21,044,749	63	62	62	62	59	60	61	61
Lake	643	1,275	8,629,265	33	31	40	40	40	38	37	35
Lassen	431	879	6,282,324	55	69	66	66	63	60	61	61
Los Angeles	21,192	57,160	472,476,391	68	67	66	66	67	67	68	67
Madera	1,829	3,663	24,879,499	48	48	47	47	46	44	44	40
Marin	1,068	2,151	20,882,530	61	61	61	63	64	67	65	67
Mariposa	365	724	4,606,318	53	44	44	53	65	65	66	51
Mendocino	1,132	2,249	16,243,134	51	49	37	35	35	32	36	47
Merced	2,349	4,975	39,594,831	57	58	58	58	56	56	57	57
Modoc	1,018	2,036	19,339,238	42	40	56	46	59	59	63	64
Mono	737	1,473	9,613,552	71	68	66	67	64	65	66	64
Monterey	1,907	3,859	30,940,471	63	45	50	50	50	49	52	50
Napa	778	1,568	8,926,445	53	60	59	59	59	59	56	60
Nevada	806	1,625	10,348,493	72	71	72	71	70	68	67	69



Pavement Condition Index

Reported	Estimated
 Good (71-100)	 Good (71-100)
 At Lower Risk (61-70)	 At Lower Risk (61-70)
 At Higher Risk (50-60)	 At Higher Risk (50-60)
 Poor (0-49)	 Poor (0-49)

(C) March 2023 NCE. GIS mapping data modified from US Census Bureau TIGER Cartographic Boundary Shapefiles (<https://www.census.gov/geographies/mapping-files/time-series/geo/cartographic-boundary.html>), accessed September 2020. Boundaries represent incorporated city limits from U.S. Census data and are approximate in shape and area.

Agency	Average PCI
Arvin	45.8
Bakersfield	64
California City	51
Delano	67.9
Kern County	63
Maricopa	51
Mcfarland	57.5
Ridgecrest	52.9
Shafter	71.2
Taft	52
Tehachapi	62.3
Wasco	70.7

Attached is a strategy that was provided at the April 5, 2023 TTAC to help our member agencies catch-up on their road maintenance with emphasis on preventive maintenance.

ACTION: Information.

“Fix It First!” Pavement and Bridge Funding Strategy Stretches Road \$\$\$

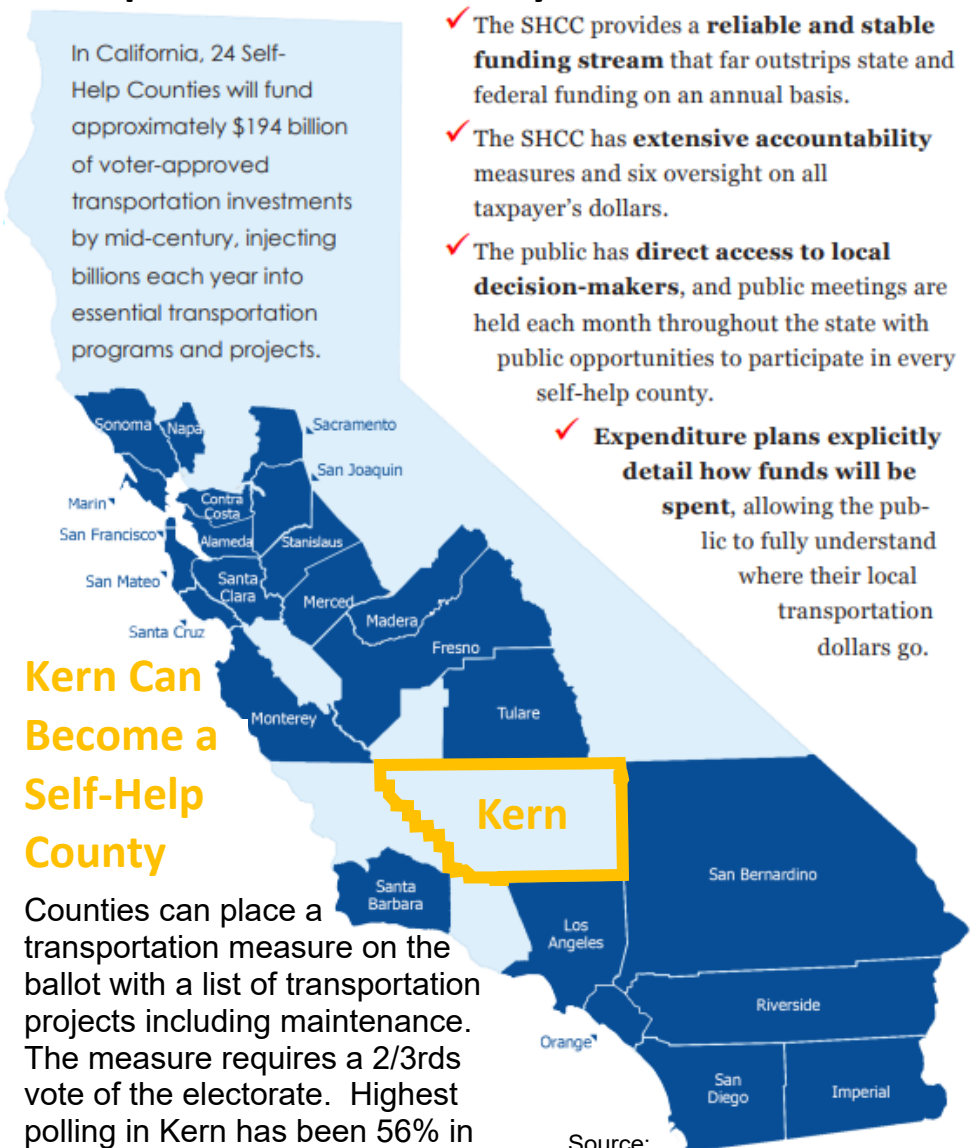
Preventive maintenance is crucial to roadway and bridge longevity. Expensive damage occurs to cars because of poor road conditions. The public demands that we “Fix it First.” Here are prioritized tips to catch up on roadway maintenance:

- 1) Oil all local roads every 2-years if possible – This stabilizes roads at their current level of degradation and helps prevent further deterioration.
- 2) After regular maintenance is fully funded, use every eligible road maintenance funding source to repair, rehabilitate, or rebuild the worst roadways in your jurisdiction even though the funds may be eligible for other projects.
- 3) Implement a Pavement Management System
- 4) Once all roadways are up to a Pavement Condition Index (PCI) of 80 out of 100, and regular maintenance is fully funded, SB1 LSRP, RSTP, & TDA funds can be freed up and used for other eligible transportation priorities.

Maintaining roads at 80 PCI is 1/10 the cost of having to rebuild a failed roadway, allowing a region to stretch its transportation funds for other priorities. Below are funding programs for pavement and bridge maintenance.

Funding Programs to Improve Federal Performance Measure (PM) 2 Goals: 1) Improve pavement and bridge condition		
Funding Programs	Pavement	Bridge
Local General Fund/Sales Tax	X	
Highway User Tax Account (HUTA)	X	
Regional Surface Transportation Program (RSTP)	X	
Road Maintenance Rehabilitation Account (RMRA)	X	
Transportation Development Account (TDA/LTF)	X	
Highway Safety Improvement Program (HSIP)	X	X
Highway Bridge Program (HBP)		X
Highway Infrastructure Program (HIP)		X

Kern is the Largest County in the State WITHOUT a Dedicated Local Sales Tax for Transportation & Roadway Maintenance



Source:
Self-Help Counties Coalition (SHCC)



Kern County Roadways and Transportation Pavement Maintenance Scenarios



Select Annual Spending Scenario

- ☒ Current Spending Level (\$55M)
with Focus on Preventative Maintenance
- ☐ Current Spending Level (\$55M)
with Focus on Worst Roads
- ☐ Double Spending Level on
Pavement Maintenance

Pavement Condition



Good

Pavement Condition Index:
70 - 100



At Risk

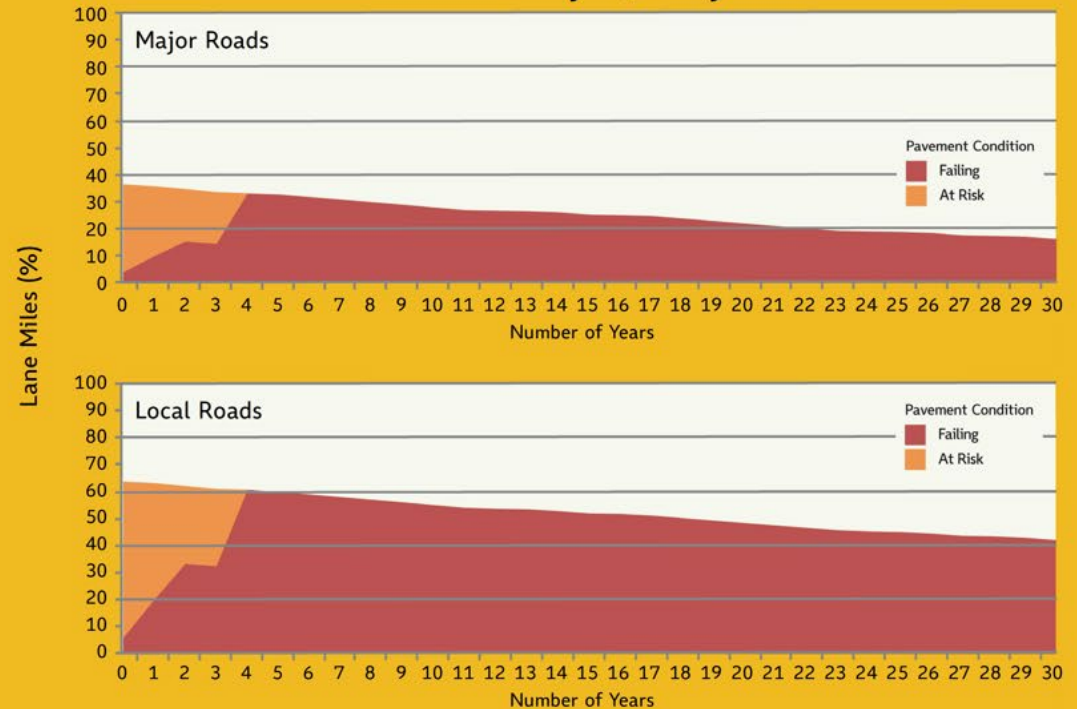
Pavement Condition Index:
25 - 69



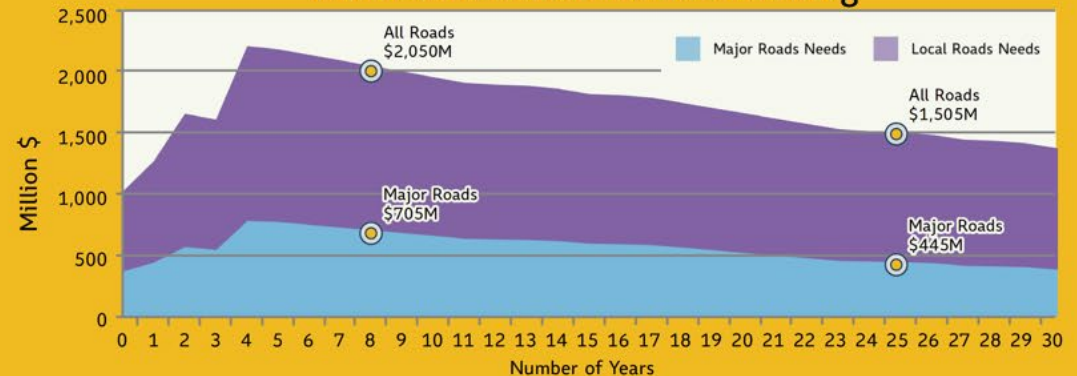
Failing

Pavement Condition Index:
0 - 24

Roadway Quality



Pavement Maintenance Backlog





Kern County Roadways and Transportation Pavement Maintenance Scenarios



Select Annual Spending Scenario

- ☐ Current Spending Level (\$55M)
with Focus on Preventative Maintenance
- ☒ Current Spending Level (\$55M)
with Focus on Worst Roads
- ☐ Double Spending Level on
Pavement Maintenance

Pavement Condition



Good

Pavement Condition Index:
70 - 100



At Risk

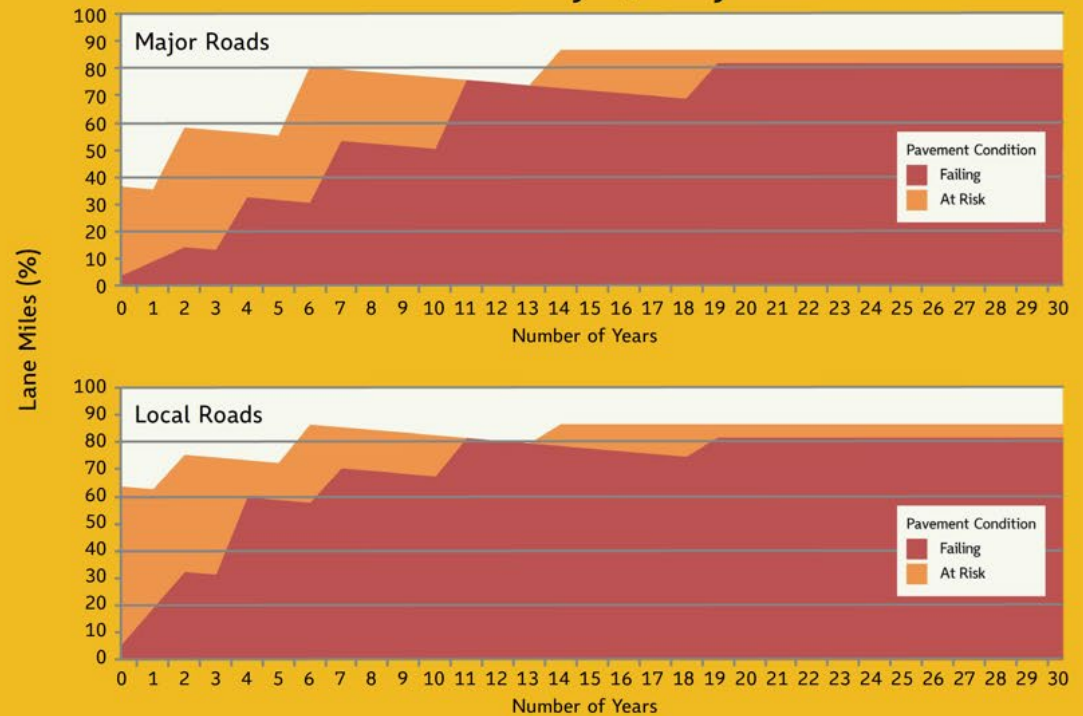
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25 - 69



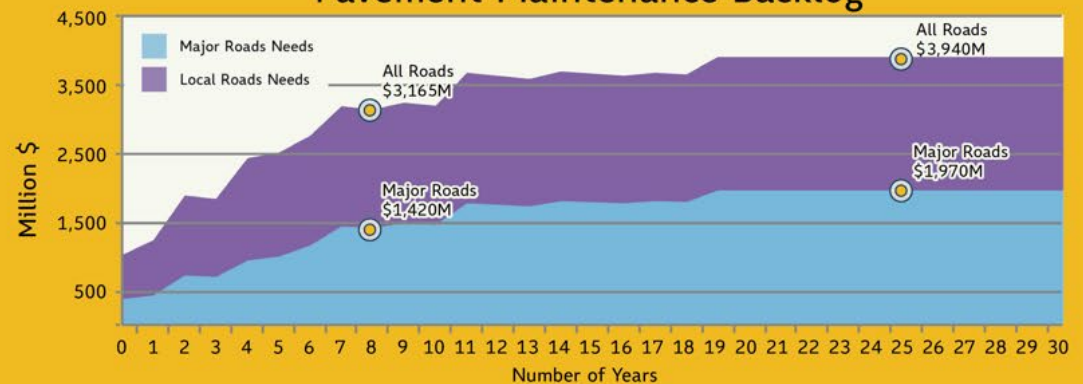
Failing

Pavement Condition Index:
0 - 24

Roadway Quality



Pavement Maintenance Backlog





Kern County Roadways and Transportation Pavement Maintenance Scenarios



Select Annual Spending Scenario

- ☐ Current Spending Level (\$55M)
with Focus on Preventative Maintenance
- ☐ Current Spending Level (\$55M)
with Focus on Worst Roads
- ☒ Double Spending Level on
Pavement Maintenance

Pavement Condition



Good

Pavement Condition Index:
70 - 100



At Risk

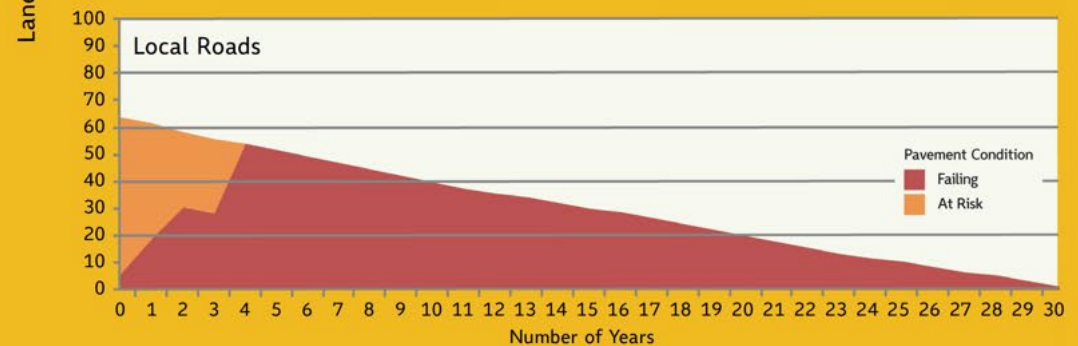
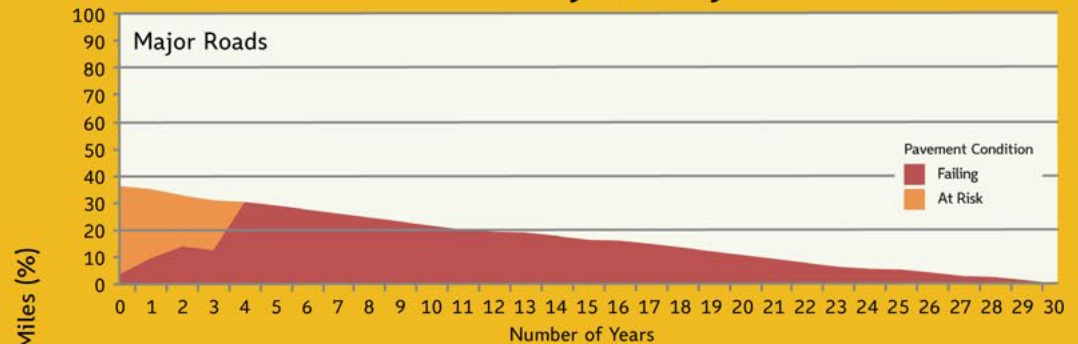
Pavement Condition Index:
25 - 69



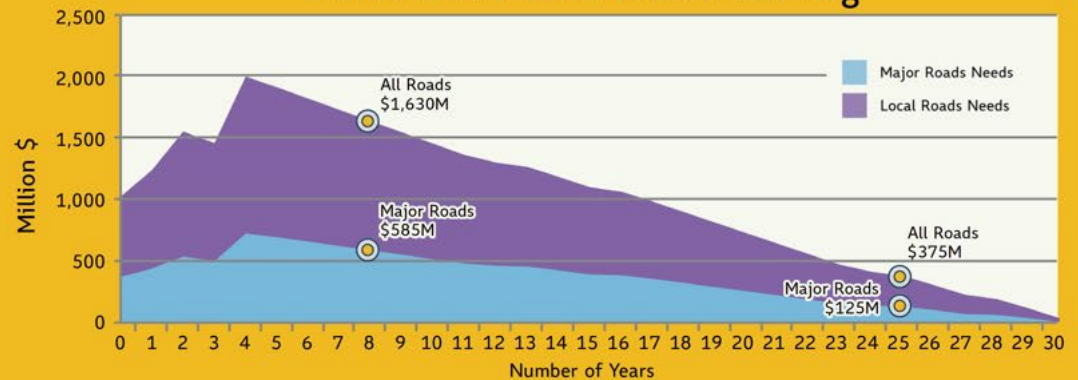
Failing

Pavement Condition Index:
0 - 24

Roadway Quality



Pavement Maintenance Backlog



May 31, 2023

TO: Transportation Technical Advisory Committee (TTAC)

FROM: AHRON HAKIMI
EXECUTIVE DIRECTOR

By: Linda Urata, Regional Planner LAU

SUBJECT: TTAC AGENDA ITEM: X.
KERN ADVANCED TRANSPORTATION TECHNOLOGY PROGRAM - STATUS REPORT

DESCRIPTION:

To help meet more stringent air standards, Kern COG promotes early deployment of alternative fuel vehicle technologies such as plug-in electric vehicles (EVs) and compressed natural gas-fueled vehicles. This report updates the quarterly inventory of EV charging spaces in Kern County and provides information regarding funding opportunities. This report covers the period November 1, 2022, to May 19, 2023.

DISCUSSION:

Kern EV Charging Spaces: Please find the most recent charging space inventory by zip code attached to this staff report. The report shows that as of May 15, 2023, there is a 127.9% increase in charging spaces (541 spaces) throughout Kern County over the July 2016 base month and year, when Kern COG began tracking electric vehicle charging spaces. Eleven new locations have been identified in this reporting period, adding 63 charging spaces. Kern COG will be working to capture the CALeVIP Golden State Priority funding to update the Zip Code Report in November 2023.

February 23, 2023: The San Joaquin Valley Clean Cities Coalition hosted the first U.S. Zero Emission Heavy Duty Truck Convoy, led by Golden Empire Transit's Hydrogen Fuel Cell buses. VIPs on the bus learned about the landscape in Kern County for Zero Emission transportation of people and goods, workforce development, and carbon sequestration. Once the convoy returned to Bakersfield, over 140 people attended the Trucking with Clean Fuels Conference. Kern COG sponsored the event and staff served on the planning committee.

March 30, 2023: Kern COG hosted the Sixth Annual TRANSITions Transit Symposium. Over 60 people listened to 10 speakers and visited with 7 vendors, including 5 transit and light duty vehicles on display outside the DoubleTree Hotel in Bakersfield. Presentations, CARB ICT follow-up information on report forms, and vendor materials are posted to the Kern COG website: <https://www.kerncog.org/?s=transitions>

ATP Cycle 5 Safe Routes for Cyclists in 13 Kern County Disadvantaged Communities (SR4C)

Kern COG staff worked with the consultant Bike Bakersfield and their partners at CalWalks and the Kern County Library to deliver the SR4C program. During this reporting period, the pre-outreach Bicycle Count reporting was completed. Stakeholder meetings were held in nearly all of the 13 identified communities; the stakeholder meetings included local safety presentations and bike/ped audit walks. In May, Bike Rodeos began and will be completed in June or July. Kern COG staff participate in monthly program meetings,

process invoices, and report on the program to Caltrans via the Calsmart reporting system. Kern COG will run an ad campaign to promote the summer outreach activities. Please visit www.bikebakersfield.org to find your local event schedule.

EV Ready Communities

Kern COG staff worked to complete awarding contracts to fulfill the EV Charging Station task of the agreement. Site host kickoff meetings were held with each new EVCS site host. The site hosts are on track to open the stations by September 1, 2023. The eBike Pilot agreement was awarded to Bike Bakersfield. Three of six eBikes have been purchased and the eBikes are being demonstrated at community events and ATP-funded Bike Rodeos. Staff completed written reports to the CEC and participated in monthly calls with the CEC Agreement Manager. The EV Ready Communities funding is being used to implement the 2019 EVCS Blueprint. A five-year update to the Blueprint is scheduled to be completed in 2024.

May 10: Released the RFP for the 2024 update to the 2019 Kern EVCS Blueprint; it is posted to the "Working with Kern COG" page on www.KernCog.org. Applications are due June 22, 2023.

Kern County Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint

During this reporting period, Kern COG staff worked with the consultant, Gladstein, Neandross and Associates to complete the final MD|HD ZEV Blueprint Document, and the Final Report to the CEC. Monthly meetings were held by the CEC Contract Agreement Manager that included Kern COG staff and GNA staff. The project agreement with the CEC will be closed out by June 28, 2023. For specific actions, see below.

April 20: Kern COG Transportation Planning and Policy Committee took Receive and File action on the Kern Medium- and Heavy-Duty Zero Emission Vehicle Infrastructure Blueprint. The document is available at www.kerncog.org

April 5: Final MD|HD ZEV Blueprint presented to the TTAC and to the RPAC

May 17: MD|HD ZEV Blueprint closeout – final deliverables submitted to the CEC include

- a) Methodology Appendix to the Blueprint
- b) Fact Sheet
- c) Final Report

Participation in committees and workgroups

Kern COG staff participated in monthly or quarterly meetings held by several working groups or committees as time and schedule allowed, including the San Joaquin Valley EV Partnership, the Argonne National Labs Renewable Natural Gas (and sometimes Hydrogen) Workgroup, the Kern Community College District Ag/Water/Energy webinars, the California Renewable Energy Lab Clean Transportation Workgroup.

Kern COG staff attended the 2023 Advanced Clean Transportation (ACT) Expo in Anaheim, California on May 4, 2023. Several member agencies, GET staff, and school districts attended the ACT Expo as well. In 2024 the event will be held the first week in May in Las Vegas, NV.

Upcoming activities:

May 31, 11:30am to 1:00pm: Clean Air Month Luncheon, DoubleTree Inn hosted by Project Clean Air. The keynote speaker is Kevin Hamilton RRT, ACS, Co-Director and Co-Founder of the California Asthma Collaborative. Attendance is free. To register, contact: projectcleanairoffice@gmail.com by May 24th.

June 24: Clean Energy Fair, City of Arvin

End of May, all of June: KGET TV 17 campaign to promote ATP Safe Routes for Cyclists summer activities. Visit www.BikeBakersfield.org to find dates and places for Bike Rodeos, Bike Maintenance Workshops, and local bike rides.

The following are updates to EV Charging Station grants and incentives reported as available on the November 2022 report to the Kern COG Board, TTAC, and RPAC.

CLOSED!! CALeVIP: The California Energy Commission funded the CALeVIP 1.0 program in the San Joaquin Valley. The program funded up to 75% of Level 2 and DC Fast Charger equipment costs by offering rebates in Kern, Fresno, and San Joaquin Counties. Applicants could be eligible for up to \$5,000 per Level 2 charger and up to \$80,000 per DC Fast Chargers. These funds were stackable with the San Joaquin Valley Air Pollution Control District's ChargeUp! Program. **No funding remains available in Kern County.** The program exceeded its goal to dedicate 25% of the funding in Disadvantaged Communities.
<https://calevip.org/incentive-project/san-joaquin-valley>

The website shows the program statistics updated as of May 5, 2023, and includes active (not cancelled) applications received through April 28, 2023, for Kern County as follows:

		DCFC	L2	Total
	Connectors	46	122	167
Completed	Chargers	28	94	122
	Funding	\$983,271	\$373,500	\$1,356,771
	Connectors	114	260	374
In Progress	Chargers	65	165	230
	Funding	\$2,400,000	\$816,000	\$3,216,000

CLOSED! The **Golden State Priority Project** opened on January 24, 2023. The program launched with \$20 million available for "Eastern Region Counties" which includes Kern County as one of 18 counties. *Funding was only available for sites located in disadvantaged community or low-income community census tracts.*

The CALeVIP website has additional EV Charging Resources that may be helpful to folks planning to install charging stations. <https://calevip.org/incentive-project/golden-state-priority-project>

CLOSED!! Eastern Kern Air Pollution Control District 2023 DMV Grant Vehicle Voucher Program

CLOSED!! Eastern Kern Air Pollution Control District 2023 DMV Grant Program

California Plan for National Electric Vehicle Infrastructure (NEVI) Program: The California Deployment Plan for NEVI was approved in September 2022 by the US Joint Office of Energy and Transportation. Under NEVI California will receive \$56 million in the first year and a total of \$384 million over five years, while California has announced plans to invest \$10 billion over multiple years. NEVI was authorized under the federal Infrastructure and Investment and Jobs Act of 2021 (IIJA). The program in California was put together in partnership between the California Department of Transportation and the California Energy Commission (CEC). Here is the website hosted by the CEC:
<https://www.energy.ca.gov/programs-and-topics/programs/national-electric-vehicle-infrastructure-program-nevi>

Here are a few highlights from that website that may be useful to the member agencies or their constituents.

- In April, the CEC introduced two planning tools intended to support California's National Electric Vehicle Infrastructure (NEVI) Formula Funding Program. The tools are the "NEVI Corridor Group Interactive Map" and the "NEVI Matchmaker Tool."
- On May 5, the CEC held a workshop regarding the Charging Interoperability and Collaboration Yard Funding Concept. "The Charge Yard concept proposes an open and neutral industry facility designed to support charging interoperability, implementation of global standards, advancement of next generation charging features, and industry collaboration."

- On May 8, the CEC released solicitation GFO-22-615 Innovative Charging Solutions for MD and HD Electric Vehicles. Abstracts are due on June 23rd. Full applications are due on September 8. Agreements are anticipated to start on January 31, 2024.
- California's National Electric Vehicle Infrastructure (NEVI) Formula Program Solicitation Corridor Analysis is listed on the website as the NEVI Corridor Group Ranking Spreadsheet. CEC Staff plan to update the data and run the analysis prior to each of four solicitation releases. The current spreadsheet uses data from July 2022. The spreadsheet shows classifications, rankings, and scores for 17 categories, that include DACs, Justice 40, EVI-Road Trip, Number of NEVI sites Needed, EVI-Road Trip Charging Demand and more. The routes on the spreadsheet have been identified by Kern COG as part of the FAST Corridor nomination process. Round 7 of the FAST Corridor Nominations are due on June 21, 2023. From the NEVI spreadsheet, a few of the routes in Kern County that are ranked include:
 - I5 Sacramento to Santa Clarita
 - SR 14 Santa Clarita to Inyokern
 - SR 46 East of Shandon to Famoso
 - SR 58 Buttonwillow to Barstow
 - SR 99 South of Turlock to Wheeler Ridge

There is a NEVI mapping tool to show when specific corridors are eligible for funding. You can find that here:

<https://experience.arcgis.com/experience/135c0da4b70f4717b4664ad2e427d2bc>

This report is not a complete list of funding programs. For more resources and tools, please visit

https://www.kerncog.org/wp-content/uploads/2022/06/EVCS_Toolkit_Resources_202206.pdf,

Also visit the websites of agencies that provide funding, such as the CEC, CARB, the EKAPCD and the San Joaquin Valley Air Pollution Control District.

If member agencies are interested in identifying funds for a specific project, Kern COG staff may be able to assist you. Please contact Linda Urata, Regional Planner at lurata@kerncog.org.

ACTION: Information.

Kern County Electric Vehicle Public Charging Spaces by Zip Code

May 2023 Report

Kern Council of Governments has set a goal of 4,000 electric vehicle charging spaces in Kern County by 2025. This report shows a 127.9% increase (541 spaces) in the number of charging spaces compared to the baseline inventory established July 2016. This represents an increase of 99 spaces (11.4%) over the November 2022 report of 865 spaces. Highlighted numbers reflect updates from the previous report. Some of this change in inventory may simply be due to better reporting and not new chargers or disconnections. This change in inventory may also include station closings. This is the first time that Zip Codes 93516 (Boron) has appeared on this inventory.

The number of parking spaces and station status are validated by telephone and occasionally in person. The primary resource for identifying stations is the Alternate Fuel Data Center (AFDC) Station Locator (www.afdc.energy.gov/locator/stations). The AFDC data was downloaded on May 15, 2023. Plugshare.com and charging station networks are also used to update the inventory. Not all sites list their locations on these websites. Level 1, Level 2, DC Fast Charging, Tesla Superchargers and wall plugs are counted. Note that some chargers may serve more than one parking space. This reports charging *spaces*, not the *charging stations*. This follows along with the expression to move cords, not cars. Public transit charging is not counted in this inventory.

Zip Code	# of Charging Spaces	Baseline July 2016
93202	3	0
93203	87	0
93206	34	22
93215	14	2
93238	142	123
93240	6	5
93241	4	0
93243	42	13
93249	25	20
93250	8	0
93263	2	0
93268	3	0
93276	60	60
93280	8	0
93285	1	1
93301	71	19
93303	19	6
93304	11	0
93306	4	0
93307	55	40
93308	62	9
93309	21	0
93311	35	7
93313	46	14
93314	10	0
93501	47	7
93505	4	0
93516	4	0
93523	4	0
93527	36	4
93555	45	40
93560	2	2
93561	49	29
TOTAL	964	423

Eleven new locations identified in this reporting period, adding 63 charging spaces:

State Route 58 Rest Area, Boron (93516) **NEW ZIP CODE**

Kern County Park Dept., Lake Isabella 93240

Mechanics Bank, Bakersfield 93301

San Joaquin Valley APCD, Bakersfield 93308

Kern Family Health Care, Bakersfield 93308

Mercedes Benz, Bakersfield 93308

Tesla Super Charger Mojave 93501

Classic Burgers, Inyokern 93527

Bank of the Sierra, Tehachapi 93561

Caltrans Districts works with Kern COG and other Metropolitan Planning Organizations in the San Joaquin Valley to identify gaps along highway corridors in order to seek FAST Alternative Fuel Corridor designations of "Corridor Ready" by the Federal Highway Administration. (https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/) Caltrans and the California Energy Commission are implementation partners for the National Electric Vehicle Infrastructure Program (NEVI), which will allocate \$384 million to California over 5 years.

May 31, 2023

TO: Transportation Technical Advisor Committee (TTAC)

FROM: AHRON HAKIMI,
EXECUTIVE DIRECTOR

By: Rob Ball, Deputy Director/Planning Director

SUBJECT: TPPC AGENDA ITEM: XI.
DRAFT FINAL KERN AREA REGIONAL GOODS-MOVEMENT OPERATIONS
(KARGO) SUSTAINABILITY STUDY PHASE 2

DESCRIPTION:

A Draft Final KARGO Sustainability Study - Phase 2 on developing and funding more sustainable goods movement projects countywide incorporating extensive public and stakeholder outreach is available at <https://www.kerncog.org/goods-movement/>.

DISCUSSION:

Kern COG has received a grant from the Caltrans Sustainable Communities program to study development and funding of more sustainable goods movement projects countywide. The study incorporates comments from local communities including stakeholders from Shafter, Lamont and Arvin, goods movement professionals, and local governments staff. The study includes:

- 1) Suggested updates to Surface Transportation Assistance Act (STAA) compliant federal, state and local truck route maps;
- 2) Suggested updates to local government circulation planning element maps;
- 3) The study also includes sketch drawings and right-of-way foot prints for interchange and other goods facilities vulnerable to development encroachment
- 4) Potential funding mechanisms including a regional industrial impact fee nexus study.
- 5) An economic analysis comparing existing fees in the Kern region to other regions.

Here is the schedule for completion of the study:

- May 31, 2023 – Draft Final Released
- June 15, 2023 – Draft Final goes to the Kern COG TPPC to receive and file.

Attachment: Summary Presentation on the Draft Final KARGO Sustainability Study – Phase 2

ACTION: Recommend to the Transportation Planning Policy Committee to Receive and File.

KARGO Phase II Project Report 5/31/2023

Fehr & Peers - Fatemeh Ranalefar, Nico Boyd
Mark Thomas Engineers - Cynthia Horner
EPS - Jason Moody

1

Introduction

- ▶ Project Team
 - ▶ Kern COG
 - ▶ Stakeholders - Cities, County, Caltrans, Industry, Developers
 - ▶ Consultants- Fehr & Peers, Mark Thomas, EPS
- ▶ Overview of KARGO Phase II
 - ▶ Goals
 - ▶ Growth
 - ▶ Deficiencies
 - ▶ Projects
 - ▶ Funding

2

KARGO II - Vision, Purpose, and Goals

- ▶ In collaboration with stakeholders, identify strategies, projects and programs to:
 - ▶ Add Network Capacity -where truck volumes are anticipated to grow the most;
 - ▶ Improve Maintenance -identify a mechanism to safeguard the longevity of all capacity enhancing improvements that are made;
 - ▶ Adopt Clean Tech - need to incentivize a faster shift to zero-emission technologies to achieve GHG reduction and AQ improvements goals;
 - ▶ Maintain Competitiveness and Economic Benefit -attract high-paying jobs in the industrial/logistics industries

3

KARGO Phase II - Phases



DEVELOP A NEXUS STUDY TO
ACCOUNT FOR REGIONAL NEEDS
DUE TO FUTURE LOGISTIC
FACILITY DEVELOPMENT



PREPARE FOR THE EXPECTED
FREIGHT GROWTH IN THE
REGION

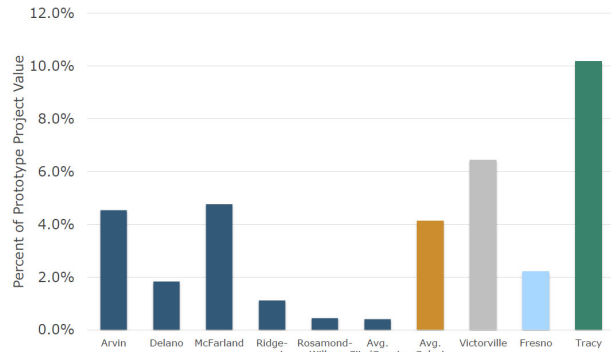


COMPLETE CIRCULATION
ELEMENT AND TRUCK ROUTE
MAPS AND CONCEPTUAL
DRAWING FOR REMAINDER OF
LOCATIONS

4

FEE BURDEN AS A PERCENT OF PROJECT VALUE

Tejon Ranch and the City of Shafter, two areas anticipated to accommodate significant near-term logistics development in Kern County, were excluded from this analysis due to the lack of reliable impact fee information.

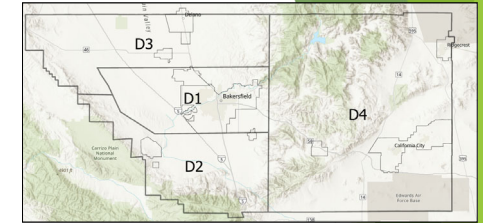


*Includes the Metro Bakersfield Core Area, the Tehachapi Region, and the Tehachapi Region Core Area
**Includes the cities of Calimesa, Norco, and Temecula

5

Projected Land Use Growth

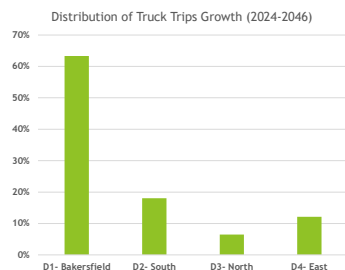
- Period: 2022-2046
- 40 million Square of new Industrial use
- Volume of growth: Bakersfield, Kern County, and Shafter have 85% of overall growth



Period	Land Use	D1- Bakersfield	D2- South	D3- North	D4- East	Kern County
2022 Base Year	House Hold	197,880	14,779	22,665	50,668	285,992
	Population	640,052	48,748	89,070	133,251	911,122
	Total Employee	234,804	23,967	44,845	40,161	343,777
	Industrial/Agg Employee	69,613	14,530	24,165	4,615	112,923
2046 Future Baseline	House Hold	240,488	29,053	26,083	58,634	354,258
	Population	826,356	93,808	110,536	165,885	1,196,583
	Total Employee	267,314	37,249	48,326	47,135	400,015
	Industrial/Agg Employee	78,982	21,040	25,789	6,709	132,520
2046 Base Scenario	House Hold	42,608	14,274	3,418	7,966	68,266
	Population	186,305	45,059	21,466	32,611	285,441
	Total Employee	32,511	13,282	3,482	6,964	56,238
	Industrial/Agg Employee	9,369	6,510	1,624	2,094	19,597

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Projected Traffic Growth



2022 Base Year					
Region	Total	Passenger cars	Medium Trucks	Heavy Trucks	All Trucks
D1	3,147,754	2,944,343	184,411	19,000	204,214
D2	188,444	168,452	16,006	3,987	20,333
D3	329,905	294,825	28,230	6,850	35,659
D4	469,784	435,306	31,864	2,615	34,543
Kern	4,135,888	3,842,925	260,510	32,452	294,749
External	283,896	160,230	9,327	43,047	42,580
2046 Baseline RTP/SCS Without WUC					
Region	Total	Passenger cars	Medium Trucks	Heavy Trucks	All Trucks
D1	3,707,601	3,468,875	216,816	21,910	239,621
D2	326,938	296,855	25,349	4,734	30,440
D3	373,950	335,300	31,228	7,422	39,272
D4	555,301	514,058	37,922	3,321	41,345
Kern	4,963,790	4,615,088	311,315	37,387	350,677
External	320,649	183,566	11,968	49,521	49,438
2046 No Ind/Agg, No WUC					
Region	Total	Passenger cars	Medium Trucks	Heavy Trucks	All Trucks
D1	3,684,575	3,451,305	212,597	20,673	234,054
D2	307,761	280,490	22,900	4,371	27,604
D3	370,613	333,010	30,477	7,125	38,196
D4	549,894	509,885	37,015	2,995	40,080
Kern	4,912,844	4,574,690	302,989	35,164	339,935
External	316,819	179,737	11,967	49,521	49,438

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Prioritizing Projects (Major Improvements)

Low Cost / Near Term

- Central Kern |**
- 99/58 I-change missing ramps
 - 99/7th Standard I-change (HSR)
 - 7th Std/I-5 I-change/passing lanes, 43 - I-5
 - Merced/Cherry/Superior "T" Corridor
 - W Urban Corr (WUC) 7th Std-Express Blvd
 - WUC, WSP-Rosedale Hwy
 - Mt Vernon extension, Planz-Panama
 - 58 Stockdale Hwy, 43 Enos-Heath
 - Burbank Expwy, 99-James Rd
 - Santa Fe Wy, Burbank-Rosedale Hwy
 - Allen Rd, White-Panama
 - I-5/58 Stockdale I-change/passing lanes
 - I-5/43 I-change
 - Wasco Av frontage rd (HSR?)
 - 99/Whistler I-change
 - 99/Merced I-change
 - 46 extend passing lanes, near county line
 - 58/223 I-change
 - 58 truck climbing lanes, Bealville-Keene
 - 58 frontage rd, Cal City Blvd-N Gate Blvd
- Central Kern |**

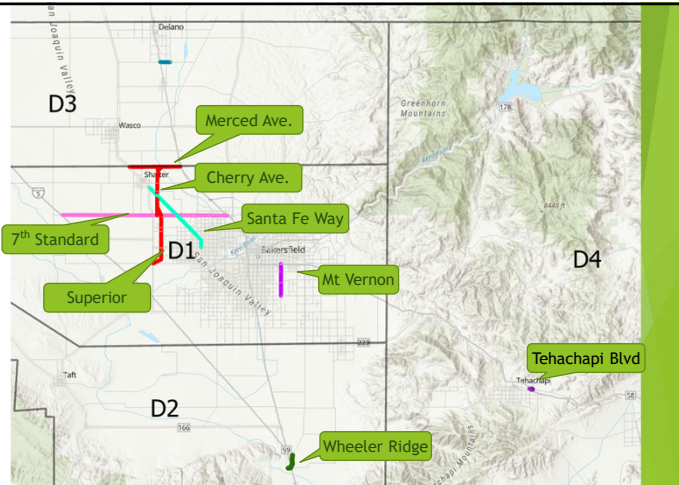
Mid Cost / Mid Term

- Central Kern |**
- Complete WUC 99 - I-5 (formerly W Bltwy)
 - Burbank Expwy, 43 Beech-WUC
 - 99, Burbank Corr-Beardslee Canal
 - 58 Truck climb/pass lanes, 223-Tower Line Rd
 - 58 Stockdale passing lanes, Enos toward I-5
 - S Arvin Corridor
 - I-5 Grapevine 2nd truck climb/passing lanes
 - Copus safety realignment
 - 99/Pond Rd I-change
 - Tehachapi and CA-58 Ramps
 - 14/Purdy Av I-change
 - 395 extend passing lanes, N of Garlock Rd
 - I-5 & 58 truck weight station relocations
 - ?
 - ?
- Central Kern |**

**Suggested projects for phase I of Impact Fee Program

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Nexus Projects



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Phase I- Impact Fee Projects

ID	Nexus District	Main Route	Brief Description	Approximate cost (Million \$)
1	D1	Santa Fe	Santa Fe Wy, Burbank-Rosedale Hwy	\$88.20
2	D1	7th Std	I-5/7th Std Rd I-change	\$20.00
3	D1	7th Std	7th Std Rd-passing lanes, 43 - I-5	\$6.74
4	D1	7th Std	7th Std Rd Concrete Rehab, 43 - I-5	\$50.34
5	D1	7th Std	7th Std Rd Concrete Rehab, 43 - 99	\$62.04
6	D1	Cherry	Merced Av - Expressway, 2 canal bridges	\$59.42
7	D1	Cherry	Cherry Av - Expressway, 2 grade seps.	\$53.59
8	D1	Superior	Superior Rd - Expressway, 1 grade separation	\$84.44
9	D1	99	99/Merced I-change Improvements	\$30.00
10	D2	Wheeler Ridge	Wheeler Ridge/Laval Rd TRCC core, safety rehab	\$11.42
11	D1	Mt Vernon	Mt Vernon/58-Planz, safety rehab	\$28.41
12	D3	Pond Rd	Pond Rd, Richgrove/43-155, safety rehab	\$3.00
13	D4	Tehachapi Blvd	Near 58 Summit I-change	\$1.20
All Projects				\$498.80

Cost Estimate

Nexus District	Total Cost (Million \$)
D1	\$483.18
D2	\$11.42
D3	\$3.00
D4	\$1.20
County	\$498.80

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Potential Fee Program Structures

Scenario	Who pays?	Region	Structure	Metric for Fee	Notes
S1	Only Industrial	Countywide	Single Fee	Trips Generated/Square Foot	Majority of growth is in North Bakersfield, Shafter, County; projects should address those areas
S2	Commercial /Industrial (Non- Residential)	Countywide	Single Fee	Trips Generated by Land Use	Some uses may get a fee reduction (ex., 30% discount for retail because of pass-by trips; 140% for industrial because of trucks; truck stops get a discount for pass-by trips)
S3	Everyone (residential and commercial)	Countywide	Single Fee	Trips Generated by Land Use	Some cities already have a fee for residential so there is a need to ensure that the same land uses are not included in multiple fee programs; if fees overlap, cities should pay a lesser regional fee; the benefit of this approach is that everyone pays less since the fee is distributed more widely, and by providing more capacity for trucks, residents also benefit from less congestion

Units of Calculating Fee:

- Square feet of development
- Dwelling Units
- Number of trips (cars, Trucks, all, PCE)

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Potential Fee Calculation Units

District	Growth in Land Use 2046-2022				Growth in Trips					
	Dwelling Units	All Employees	Industrial/ Agg Employee	Industrial land 1000 square feet *	Car- ALL	Car- Industrial	Trucks all	Trucks Industrial	vehicles - All	Vehicles- Industrial
D1	42,608	32,511	9,369	19,518.6	524,532	17,570	35,407	5,567	559,939	23,137
D2	14,274	13,282	6,510	13,561.9	138,494	26,455	10,107	2,836	148,601	29,291
D3	3,418	3,482	1,624	3,384.0	44,045	5,860	3,613	1,076	47,658	6,935
D4	7,966	6,964	2,094	4,362.7	85,517	10,938	6,801	1,264	92,318	12,202
County	68,266	56,238	19,597	40,827.2	827,902	96,137	55,929	10,743	883,831	106,880

*assuming 0.5 industrial employee per 1000 sf of industrial development building

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Growth and Fair Share

District	Growth In Land Use 2046-2022			Growth in Daily Trips		
	all EMP	IND+ AGG Emp	Population	Total Vehicles	Trucks	PCE*
D1	14%	13%	29%	18%	17%	18%
D2	55%	45%	92%	73%	50%	70%
D3	8%	7%	24%	13%	10%	13%
D4	17%	45%	24%	18%	20%	18%
County	16%	17%	31%	20%	19%	20%

- the impact of each unit of growth in employment is assumed to be 1 unit of growth in population
- PCE=Passenger Car Equivalency

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Fee Calculation Rates (\$ per daily trip)

Region	non Res	non Res -PCE	IND+Agg	IND+Agg - PCE	All	All -PCE
D1	\$ 591	\$ 513	\$ 2,824	\$ 2,188	\$153	\$143
D2	\$ 110	\$ 101	\$ 267	\$ 229	\$61	\$54
D3	\$ 34	\$ 26	\$ 60	\$ 43	\$9	\$8
D4	\$ 8	\$ 7	\$ 101	\$ 78	\$3	\$2
County	\$ 402	\$ 353	\$ 1,699	\$ 1,359	\$121	\$112

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Summary of Fee Scenario- Options 1

Fee Scenario	S1: only industrial	S2: all commercial	S3: all uses
Fee \$/PCE trip	\$ 1,358.56	\$352.84	\$ 111.81
Fee contribution to total project cost	17%	16%	20%

New Trips Estimated to be Added by 2040 (PCE)

District	S1	S2	S3
D1	29,718	130,531	598,071
D2	22,351	62,431	149,331
D3	4,681	9,097	48,186
D4	6,967	29,203	92,988
Total	63,717	231,262	888,577

Total Fee Collected by 2040: dollars

District	S1	S2	S3	Project Cost: Mil \$
D1	\$40,374,008	\$ 46,056,553	\$66,867,867	\$ 483.18
D2	\$ 30,365,536	\$ 22,028,094	\$16,696,098	\$ 11.42
D3	\$ 6,359,043	\$ 3,209,718	\$ 5,387,492	\$ 3.00
D4	\$ 9,464,828	\$ 10,303,904	\$10,396,656	\$ 1.20
Total	\$ 86,563,416	\$ 81,598,269	\$99,348,113	\$ 498.80

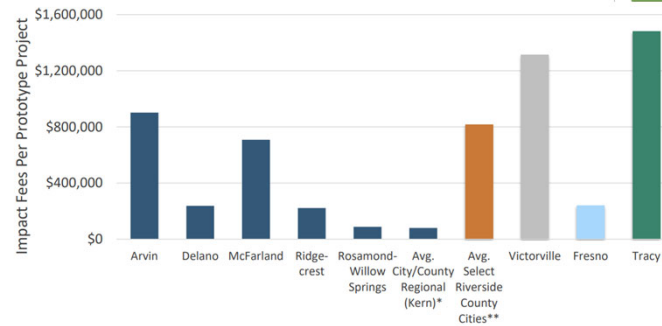
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Prototype Industrial Development

- Built after 2012 (for lease rate comparisons)
- Site Area: 9.56 acres
- Gross Building Area: 106,320 square feet
- Rentable Building Area: 105,699 square feet
- Assumed "Heavy Industrial" fee when necessary
- Impact fee rates modified by applicable geography

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DEVELOPMENT IMPACT FEE COMPARISONS - Today



*Includes the Metro Bakersfield Core Area, the Tehachapi Region, and the Tehachapi Region Core Area
 **Includes the cities of Calimesa, Norco, and Temecula

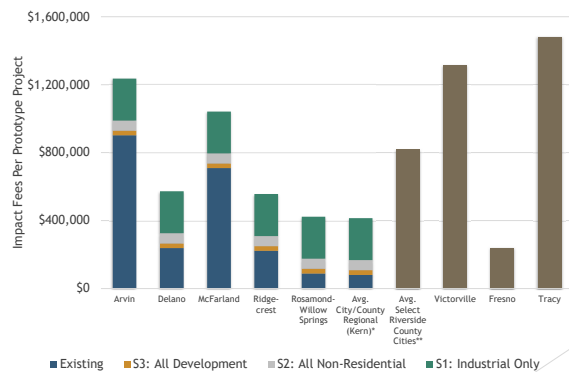
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New Nexus Fee

General Warehouse ITE 150	
105,699	ksf
1.71	ALL trip per ksf
0.6	Truck trips per ksf
2.31	PCE trips per ksf
53	employee
181	Daily trips
244	Daily PCE trips
S1- Only Industrial	
\$ 331,712	Toal Fee
\$ 3.14	Fee per sf
S2-All commercial	
\$ 86,150.96	Toal Fee
\$ 0.82	Fee per sf
S3-All uses	
\$27,299.06	Toal Fee
\$ 0.26	Fee per sf

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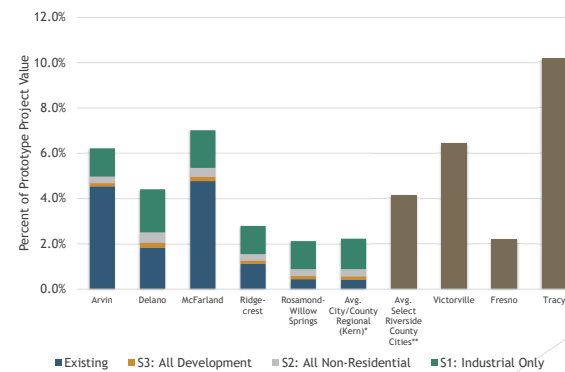
DEVELOPMENT IMPACT FEE SCENARIOS



*Includes the Metro Bakersfield Core Area, the Tehachapi Region, and the Tehachapi Region Core Area
 **Includes the cities of Calimesa, Norco, and Temecula

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FEE BURDEN SCENARIOS



*Includes the Metro Bakersfield Core Area, the Tehachapi Region, and the Tehachapi Region Core Area
 **Includes the cities of Calimesa, Norco, and Temecula

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Other Local / Regional Funding Measures

Measure / Source	Approval Process	Advantages	Disadvantages
Enhanced Infrastructure Financing District (EIFD)	Approval by Council / Board of participating jurisdictions	Does not raise taxes	Re-directs new property tax from General Fund of participating jurisdictions
Assessment District (e.g., Mello-Roos CFD)	2/3 rd s landowner / voter approval	Most applicable for local serving facilities	Less applicable to regional serving projects.
Gas or Diesel Tax	2/3 rd s voter approval	Tax incidence focused on users / beneficiaries	<ul style="list-style-type: none"> Incentivizes "Fuel-up" outside County Electrification → declining revenues
Business License or parcel tax on industrial uses	2/3 rd s voter approval	Tax incidence focused on users / beneficiaries	May impact local economic competitiveness
Project Specific Mitigation (e.g., CEQA based)	Local jurisdiction entitlement process	Direct nexus with local development	Less applicable to regional serving projects

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Sales Tax Measure

Approval Process:

- 2/3rds voter approval

Advantages:

- Strong case for Kern to join other 24 Self-Help Counties Coalition (SHCC)
- Can generate significant revenue
- Tax exempt bond financing potential ("up-front" revenue)
- Maximum local control on use of funds

Disadvantages:

- Voter approval may be difficult

Illustrative Revenue Generation (high-level Calculation)	
Assumptions	
Annual Population Growth	1.29%
Real Sales Tax Revenue Growth	
Revenue	
2022 - with 1/4% Sales Tax	\$62,685,468
2046 - with 1/4% Sales Tax	\$85,297,000
Total Revenue (24 years): 1/4% Sales Tax	\$ 1,836,000,000

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Property Tax Measure

Approval Process:

- 2/3rds voter approval

Advantages:

- Can generate significant revenue
- Can be used to secure tax exempt bonds - "up-front" revenue
- Maximum local control on use of funds

Disadvantages:

- Voter Approval may be difficult
- County already has relatively high property tax rate

Illustrative Revenue Generation (high-level Calculation)			
Assumptions			
Annual Real Growth in Assessed Value		1%	
Average Property Tax Rate		1.259%	
New Property Tax for Transportation Project		0.05%	
Revenue			
Year	Total Assessed Value	Existing Property Tax Revenue	New Property Tax Revenue for Transportation
2022	\$96,672,959,000	\$ 1,217,576,000	\$ 48,336,000
2046	\$ 122,749,000,000	\$ 1,545,000,000	\$ 61,374,000
Total Revenue (24 years)		\$ 34,375,000,000	\$ 1,365,000,000

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Enhanced Infrastructure Financing District (EIFD)

- Provide an emerging form of tax increment financing available to local public agencies in California
- May be formed over a defined area (the district), including non-contiguous areas, by a city, county, or joint powers authority (JPA), to capture incremental increases in property tax revenue from future development and assessed value appreciation
 - Without an EIFD, this revenue would accrue to the City's General Fund (or other property-taxing entity revenue fund)
 - EIFDs do not provide access to property tax revenue beyond the share agreed to by participating jurisdictions (e.g., City and County)
- Establishment requires approval by every local taxing entity that will contribute its property tax increment
- Revenues may be used to provide funding and financing for broad range of infrastructure projects, provided those projects have a useful life of 15 years and are of 'community-wide' significance

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State or Federal Funding Sources

Approval Process:

- State / Federal appropriations, rule-making, competitive selection

Advantages:

- Numerous "pots" of money may be applicable
- Does not raise local taxes or require voter approval

Disadvantages:

- Funding is competitive and uncertain
- Many restrictions on use of fund

Program Examples	Type of Facility
Highway User Tax Account (HUTA)	Pavement
SB1 Road Maintenance Rehabilitation Acct. (RMRA)	Pavement
Regional Surface Transportation Program (RSTP)	Pavement
Transportation Development Account (TDA/LTF)	Pavement
Highway Safety Improvement Program (HSIP)	Pavement / Bridge
Highway Bridge Program (HBP)	Bridge
Highway Infrastructure Program (HIP)	Bridge
Rebuilding American Infrastructure with Sustainability and Equity (RAISE)	Varies

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Next Steps

- Incorporate comments in the final report
- Final project report
- Finalize the fee schedule

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Extra

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2024 Regional Transportation Improvement Program (RTIP)

WORKSHOP 2

Wednesday, June 21, 2023

Time: 10:00 AM to 11:00 AM

Location: Hybrid

In-person in Kern COG Board Room

Teleconference via Go To Meeting

GO TO MEETING TELECONFERENCE
INFORMATION WILL BE PROVIDED WITH
AGENDA PACKAGE

TOPICS FOR DISCUSSION

- CTC Fund Estimate (if available)
- CTC STIP Guidelines
- Update on funding needs of projects in the STIP and those that were delayed
- Advancing newer projects of interest and partnership
- Strategies for Administrative Draft 2024 RTIP Capital Improvement Program
- Review of remaining timeline

Questions or comments?
Please contact:

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661-635-2907



**Kern Council
of Governments**