



U.S. Department
of Transportation
**Federal Highway
Administration**

California Division

August 26, 2019

650 Capitol Mall, Suite 4-100
Sacramento, CA 95814
(916) 498-5001
(916) 498-5008 (FAX)

In Reply Refer To:
HDA-CA

Mr. Bruce de Terra, Division Chief
Transportation Programming Federal Resources Office, M.S. 82
California Department of Transportation
1120 N Street
Sacramento, CA 95814

SUBJECT: Amendment No. 5 to the Kern Council of Governments (KCOG) 2019 Federal Transportation Improvement Program (FTIP):

Dear Mr. de Terra:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed our reviews of Amendment No. 5 to the Kern Council of Governments' (KCOG) Federal Transportation Improvement Program portion of the 2019 California Federal Statewide Transportation Improvement Program (FSTIP), which was submitted by your letter dated July 23, 2019. As detailed in your letter enclosed, this amendment requests to modify and adds projects in Kern County funded from the State Highway Operation & Protection Program and the Active Transportation Program. It also adds performance measure language to support KCOG's targets for Bridge and Pavement Conditions (PM2) and System Performance, Freight, and Air Quality (PM3).

We have determined the project listings from this amendment do not require a conformity determination prior to FSTIP programming because they are either exempt and/or located in an area of California designated as attainment or unclassified for Federal Air Quality Standards. Your letter enclosed correctly notes that the updated programming is for projects that are exempt from the conformity determination requirement and therefore do not need to meet project level conformity to be included in the FSTIP; however, as indicated projects must comply with project level conformity requirements when a Federal action, such as a National Environmental Policy Act (NEPA) decision, is taken on a project. Acceptance of this FSTIP amendment has been coordinated with Region 9 of the Environmental Protection Agency (EPA) in accordance with the procedures outlined in the *National Memorandum of Understanding (MOU) between the Department of Transportation (DOT) and EPA on Transportation Conformity*, dated April 25, 2000.

Pursuant to the February 14, 2018 *Memorandum of Agreement (MOA) between the FHWA – California Division and FTA – Region 9*, and based on our review of information submitted that includes revenues and proposed project funding information to demonstrate financial constraint, we accept this FSTIP amendment in accordance with 23 Code of Federal Regulations (CFR) Part 450 and 49 CFR Part 613 (see the Final Rule on Statewide and Metropolitan Transportation Planning published in the May 27, 2016 Federal Register). We have determined the amended KCOG portion of the 2019 California FSTIP, including Amendment No. 5, was developed through a continuing, cooperative, and comprehensive transportation planning process in accordance with the metropolitan transportation planning provisions of 23 United States Code (U.S.C.) § 134 and 49 U.S.C. Chapter 53 as amended by Public Law 114-94 (the Fixing America's Surface Transportation (FAST) Act).

Our approval is given with the understanding that an eligibility determination of individual projects for funding must be met, and the applicant must ensure satisfaction of all administrative and statutory requirements. If you have questions or would like additional information regarding our approval of Amendment No. 5 to the KCOG portion of the FSTIP, feel free to contact Antonio Johnson of the FHWA California Division at (916) 498-5889, or by email at antonio.johnson@dot.gov; or Jerome Wiggins of the FTA's Region 9 Office at (415) 734-9475 or by email at jerome.wiggins@dot.gov.

/s/ Raymond Tellis

Raymond Tellis
Regional Administrator
Federal Transit Administration

Sincerely,



Tashia J. Clemons
Director, Planning and Environment
Federal Highway Administration

DEPARTMENT OF TRANSPORTATION

DIVISION OF TRANSPORTATION PROGRAMMING
 1120 N STREET, MS-82
 SACRAMENTO, CA 94273-0001
 PHONE (916) 654-4013
 TTY 711
 www.dot.ca.gov



Making Conservation
 a California Way of Life.

July 23, 2019

Mr. Vincent Mammano
 Division Administrator
 Federal Highway Administration
 650 Capitol Mall, Suite 4-100
 Sacramento, CA 95814

Mr. Edward Carranza, Jr.
 Regional Administrator
 Federal Transit Administration
 90 Seventh Street, Suite 15-300
 San Francisco, CA 94103

Attention: Ms. Tashia Clemons

Attention: Mr. Ted Matley

Dear Ms. Clemons and Mr. Matley:

The California Department of Transportation has completed the review of the following amendment to the Kern Council of Governments' (KCOG) 2019 Federal Transportation Improvement Program (FTIP):

<u>No.</u>	<u>Description</u>
5	Local and State Transportation Systems

- This amendment modifies and adds projects in Kern County funded from the State Highway Operation & Protection Program and the Active Transportation Program. It also adds performance measure language to support KCOG's targets for Bridge and Pavement Conditions (PM2) and System Performance, Freight, and Air Quality (PM3).

See enclosure.

The KCOG approval letter for this FTIP amendment confirms that it is financially constrained, meets requirements of public involvement procedures adopted by KCOG and all applicable transportation planning requirements per Title 23 Code of Federal Regulations Part 450.

Pursuant to the authority delegated to me by the Director of Caltrans, I approve KCOG's Amendment Number 5. I also recommend the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) approve this FTIP amendment for inclusion into California's 2019 Federal Statewide Transportation Improvement Program (FSTIP). Projects included in this FTIP amendment, in fiscal years not within the four-year

Mr. Vincent Mammano/ Mr. Edward Carranza, Jr.
July 23, 2019
Page 2

cycle of the current FSTIP, are not approved as part of this FTIP amendment and are shown for information only. Approval of this amendment does not constitute an eligibility determination of projects for federal funding.

Please address any questions on this FSTIP approval request to Albert Soares of my staff, at (916) 653-7140.

Sincerely,



BRUCE DE TERRA
Chief
Division of Transportation Programming

Enclosure

c: Karina O'Connor, Environmental Protection Agency (w/o enclosure)
Antonio Johnson, FHWA
Jerome Wiggins, FTA
Raquel Pacheco, Regional Planner, KCOG



**Kern Council
of Governments**

July 22, 2019

Mr. Bruce De Terra
California Department of Transportation
Division of Transportation Programming, MS82
P.O. Box 942874
Sacramento, CA 94274-0001

Attention: Mr. Muhaned Aljabiry

Subject: Submittal of the Kern Council of Governments' Amendment No. 5 to the 2019 Federal Transportation Improvement Program

Dear Mr. De Terra:

Enclosed for your review and approval is Amendment No. 5 to the 2019 Federal Transportation Improvement Program (FTIP). Amendment No. 5 to the 2019 FTIP contains project phases and/or projects that meet all applicable transportation planning requirements per 23 CFR Part 450 and 40 CFR Part 93. The proposed project changes have been determined to be exempt from the requirement that a conformity determination and/or regional emissions analysis be performed per 40 CFR 93.126, 93.127, or 93.128.

A 14-day public review and interagency consultation period was completed on July 19, 2019. A public hearing was held on July 18, 2019. No comments were received at the hearing. Corrections were made to the amendment documentation as included in the summary of comments. The public participation process for Amendment No. 5 to the 2019 FTIP is consistent with Kern COG Board adopted public participation plan. With this letter, the Kern COG Executive Director approves Amendment No. 5 to the 2019 FTIP. State and Federal approval is required.

Included with this letter are two hard copies of Amendment No. 5 to the 2019 FTIP. An electronic copy of the four year financial plan will be sent via email. The Amendment No. 5 to the 2019 FTIP is available online on Kern COG's website at www.kerncog.org

If you should have any questions, please feel free to call Raquel Pacheco at (661) 635-2907.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ahron Hakimi".

AHRON HAKIMI,
EXECUTIVE DIRECTOR
AH/rp

Page 2
2019 FTIP Amend. 5
July 22, 2019

Enclosures

cc:

Muhaned Aljabiry, Caltrans, Div. Of Programs (2 copies)
Albert Soares, Caltrans, Div. of Programs (electronic)
Gail Miller, Caltrans District 6 (letter)
Jim Perrault, Caltrans District 6 (electronic)
Stephen Tracey, Caltrans District 6 (electronic)
Forest Becket, Caltrans District 9 (electronic)
Antonio Johnson, FHWA (electronic)
Jerome Wiggins, FTA (letter)
Ted Matley, FTA (electronic)
Karina O'Connor, US EPA (electronic)
Jessica Schlosser, SJVAPCD (electronic)
Glen Stephens, EKAPCD (electronic)
Executive Directors, Valley COGs (electronic)

2019 Federal Transportation Improvement Program Amendment No. 5 Summary of Comments and Responses

As part of the development of the 2019 Federal Transportation Improvement Program Amendment No. 5, stakeholders, technical staff, and the general public were given the opportunity to comment. The public review period was held July 5, 2019 to July 19, 2019.

State Department of Transportation (Caltrans)

Office of Federal Transportation Management Program (OFTMP) – email dated 7/8/19

1. Attachment 3 is missing information on KCOG's PM2 and PM3 performance measures. KCOG's 2019 FTIP adopted on 8/16/18 only contained Safety Performance Measures (PM 1) – please see pages 19 and 20. Subsequent approved amendments from KCOG have not indicated any PM 2 or PM 3 performance measures (targets). Attachment 3 is incomplete as there is no mention of KCOG's Pavement and Bridge Conditions (PM 2) Performance Measures (Targets) and there is no mention of KCOG's System Performance (Travel Time Reliability), Freight, and Air Quality (PM 3) Performance Measures (Targets). Please see the 4/16/19 CFPG Meeting Minutes that were sent out to all MPOs and specifically Item 8: FHWA indicated at that meeting that all MPOs need to provide language that PM2 and PM3 targets are being worked on and that this PM2 and PM3 language is required to be in any amendments on or after 5/20/19. KCOG's PM 2 and the PM 3 targets need to be indicated in KCOG's FTIP via Amendment No 5. Attachment 3 is incomplete as it only indicate progress towards achieving PM2 and PM 3 targets without indicating what the PM 2 or PM 3 targets are. Please revise Attachment 3 to comply with FHWA's direction.

Response: Revision was incorporated into the final document – Attachment 3.

SHOPP Coordinator – email dated 7/8/19

1. At the June CTC meeting the Commission amended the SHOPP to include a new Collision Reduction project (0X760) and an increase to an existing project (0V280). The SHOPP group listing was updated to include these changes.

Response: Revision was incorporated into the final document – Attachments 1 and 2.

ATTACHMENT 1

Caltrans Summary of Changes
“CTIPS” Printout - Revised Records
(General and Detailed)

Caltrans Summary of Changes

Amendment Type:
Amendment #:

Formal

5

Existing or New Project	MPO FTIP/RTP ID	PROJECT TITLE	FFY of Current Programming	FFY to be Programmed	Phase	Fund Source	% Cost Increase/Decrease	DESCRIPTION OF CHANGE
Existing	KER180201	GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM	FFY 20/21	FFY 21/22	CON	SHOPP AC	N/A	Move \$37,300,000
Existing	KER180202	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM	FFY 18/19	FFY 18/19	CON	SHOPP AC	3%	Add \$1,400,000; Add 0X770 to group listing
			FFY 19/20	FFY 19/20	CON	SHOPP AC	4%	Add \$1,540,000; Add 0X760 to group listing
			FFY 20/21	FFY 20/21	CON	SHOPP AC	9%	Add \$3,948,000
			FFY 21/22	FFY 21/22	CON	SHOPP AC	21%	Add \$9,033,000
Existing	KER180205	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM	FFY 19/20	FFY 19/20	CON	SHOPP AC	1%	Delete \$865,000
			FFY 20/21	FFY 20/21	CON	SHOPP AC	2%	Add \$5,805,000
Existing	KER180208	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE	FFY 18/19	FFY 19/20	CON	STP	125%	Add \$3,718,260; add 0Y070
			FFY 18/19	FFY 19/20	CON	NHS	77%	Add \$2,301,780; add 0Y050, 0W760
			FFY 18/19	FFY 19/20	CON	State Cash	61%	Add \$1,821,960
Existing	KER161008	ROSAMOND BOULEVARD PEDESTRIAN PATH PROJECT	FFY 19/20	FFY 19/20	PE	ATP	N/A	Change \$33,000 to Local
			FFY 19/20	FFY 19/20	RW	ATP	N/A	Change \$46,000 to Local
			FFY 20/21	FFY 20/21	CON	Local	N/A	Change \$79,000 to ATP

Caltrans Summary of Changes

Existing or New Project	MPO FTIP/RTP ID	PROJECT TITLE	FFY of Current Programming	FFY to be Programmed	Phase	Fund Source	% Cost Increase/Decrease	DESCRIPTION OF CHANGE
New	KER191004	BAKERSFIELD: BOUNDED BY 7TH STANDARD RD, KERN RIVER PARKWAY AND APPROX 6 MILES FRIANT-KERN CANAL; CONSTRUCT CLASS I MULTI-USE PATH	N/A	FFY 21/22	CON	ATP	N/A	Add \$4,306,000
			N/A	FFY 21/22	CON	Local	N/A	Add \$3,894,000

LEGEND

- ATP Active Transportation Program
- NHS National Highway System
- SHOPP AC State Highway Operations and Protection Program - advance construction
- STP Surface Transportation Program

ATTACHMENT A - REVISED RECORDS
Kern Council of Governments: Amendment No. 5 to the 2019 Federal Transportation Improvement Program

PROGRAM: State Highway Operations and Protection Program

Route Postmile PIN Ste/Fed ID Fund AQ Lead	Description Total Escalated Cost CTIPS ID	Phase	Program Schedule (construction costs escalated per Caltrans percentages)						Funding Summary					
			Prior Years	Four Year Element				22-23	23-24	Local	State	Federal		
				18-19	19-20	20-21	21-22							
Various Various KER180208 NHS/STP 1.10 State	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE \$10,825,000 20400000887	PE RW Con Total		\$2,983,000 \$7,842,000							RTP Reference: 2018 RTP, Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current			\$1,821,960 \$9,003,040
Various Various KER180205 SHOPP-A 1.10 State	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM \$250,717,000 20400000881	PE RW Con Total	\$17,695,000	\$77,098,000 \$71,699,000	\$29,355,000	\$54,870,000					RTP Reference: 2018 RTP, Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current			\$17,695,000 \$233,022,000
Various Various KER180202 SHOPP-A 1.09 State	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM \$58,814,000 20400000878	PE RW Con Total	\$3,760,000	\$19,950,000 \$9,968,000	\$11,638,000	\$13,498,000					RTP Reference: 2018 RTP, Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current			\$3,760,000 \$55,054,000
Various Various KER180201 SHOPP-A 1.19 State	GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM \$60,391,000 20400000877	PE RW Con Total	\$4,555,000	\$12,836,000	\$5,700,000	\$37,300,000					RTP Reference: 2018 RTP, Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current			\$4,555,000 \$55,836,000

ATTACHMENT A - REVISED RECORDS

Kern Council of Governments: Amendment No. 5 to the 2019 Federal Transportation Improvement Program

PROGRAM: Non-Motorized Program (Bike Projects)

Route Postmile PIN Ste/Fed ID Fund AQ Lead	Description Total Escalated Cost CTIPS ID	Phase	Program Schedule (construction costs escalated per Caltrans percentages)						Funding Summary			
			Prior Years	Four Year Element						Local	State	Federal
				18-19	19-20	20-21	21-22	22-23	23-24			
KER191004 ATP 3.02 Bakersfield	BAKERSFIELD: BOUNDED BY 7TH STANDARD RD, KERN RIVER PARKWAY AND APPROX 6 MILES FRIANT-KERN CANAL; CONSTRUCT CLASS I MULTI-USE PATH \$8,200,000 20400000900	PE RW Con Total				\$8,200,000					RTP Reference: 2018 RTP page 5-6 Prior Yr Status: --- Future Cost Est: --- Prior Current \$3,894,000	\$4,306,000

ATTACHMENT A - REVISED RECORDS

Kern Council of Governments: Amendment No. 5 to the 2019 Federal Transportation Improvement Program

PROGRAM: Non-Motorized Program (Landscape/Pedestrian Projects)

Route Postmile PIN Ste/Fed ID Fund AQ Lead	Description Total Escalated Cost CTIPS ID	Phase	Program Schedule (construction costs escalated per Caltrans percentages)						Funding Summary			
			Prior Years	Four Year Element					Local	State	Federal	
				18-19	19-20	20-21	21-22	22-23				23-24
KER161008 ATP 3.02 Kern Co.	ROSAMOND BOULEVARD PEDESTRIAN PATH PROJECT \$997,000 20400000838	PE RW Con Total		\$140,000 \$177,000 \$317,000	\$680,000 \$680,000					Prior Current	\$117,000	\$880,000

ATTACHMENT A - PRIOR RECORDS

Kern Council of Governments: Amendment No. 5 to the 2019 Federal Transportation Improvement Program

PROGRAM: State Highway Operations and Protection Program

Route Postmile PIN Ste/Fed ID Fund AQ Lead	Description Total Escalated Cost CTIPS ID	Phase	Program Schedule (construction costs escalated per Caltrans percentages)						Funding Summary					
			Prior Years	Four Year Element					Local	State	Federal			
				18-19	19-20	20-21	21-22	22-23				23-24		
Various Various KER180208 NHS/STP 1.10 State	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE \$2,983,000 20400000887	PE RW Con Total	\$2,983,000 \$2,983,000								RTP Reference: 2018 RTP. Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current			\$2,983,000
Various Various KER180205 SHOPP-A 1.10 State	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM \$245,777,000 20400000881	PE RW Con Total	\$17,695,000 \$17,695,000	\$77,098,000	\$72,564,000	\$23,550,000	\$54,870,000				RTP Reference: 2018 RTP. Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current	\$17,695,000		\$228,082,000
Various Various KER180202 SHOPP-A 1.09 State	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM \$42,893,000 20400000878	PE RW Con Total	\$3,760,000 \$3,760,000	\$18,550,000	\$8,428,000	\$7,690,000	\$4,465,000				RTP Reference: 2018 RTP. Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current	\$3,760,000		\$39,133,000
Various Various KER180201 SHOPP-A 1.19 State	GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM \$60,391,000 20400000877	PE RW Con Total	\$4,555,000 \$4,555,000	\$12,836,000		\$43,000,000					RTP Reference: 2018 RTP. Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current	\$4,555,000		\$55,836,000

ATTACHMENT A - PRIOR RECORDS

Kern Council of Governments: Amendment No. 5 to the 2019 Federal Transportation Improvement Program

PROGRAM: Non-Motorized Program (Landscape/Pedestrian Projects)

Route Postmile PIN Ste/Fed ID Fund AQ Lead	Description Total Escalated Cost CTIPS ID	Phase	Program Schedule (construction costs escalated per Caltrans percentages)						Funding Summary			
			Prior Years	Four Year Element					Local	State	Federal	
				18-19	19-20	20-21	21-22	22-23				23-24
KER161008 ATP 3.02 Kern Co.	ROSAMOND BOULEVARD PEDESTRIAN PATH PROJECT \$997,000 20400000838	PE RW Con Total		\$140,000 \$177,000	\$680,000						RTP Reference: 2018 RTP. Page 5-6 Prior Yr Status: --- Future Cost Est: --- Prior Current \$117,000	\$880,000

**Kern Council of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
State Highway System**

DIST: 06	PPNO:	EA:	CTIPS ID: 204-0000-0877	TITLE (DESCRIPTION): SHOPP - BRIDGE PRESERVATION (GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM)	MPO Aprv: 07/22/2019
CT PROJECT ID:		MPO ID.: KER180201	State Aprv:		
COUNTY: Kern County	ROUTE:	PM:	Federal Aprv:		
					EPA TABLE II or III EXEMPT CATEGORY Non capacity widening or bridge reconstruction.

IMPLEMENTING AGENCY: Caltrans
PROJECT MANAGER:

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

Version	Status	Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
2	Official	07/22/2019	RPACHECO	Amendment - Cost/Scope/Sch. Change	5	60,391,000		
1	Official	08/16/2018	RPACHECO	Adoption - New Project	0	60,391,000		

* SHOPP - Bridge Preservation -		<u>PRIOR</u>	<u>18-19</u>	<u>19-20</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>BEYOND</u>	<u>TOTAL</u>
* Fund Source 1 of 1	PE									
* Fund Type: SHOPP Advance Construction (AC)	RW									
* Funding Agency:	CON	4,555,000	12,836,000		5,700,000	37,300,000				60,391,000
	Total:	4,555,000	12,836,000		5,700,000	37,300,000				60,391,000

Comments:

***** Version 2 - 05/21/2019 *****
Per 5/20/19 SHOPP listing; Move \$37,300,000 FY 20/21 to FY 21/22
***** Version 1 - 05/10/2018 *****
Per 2018 SHOPP; new group listing

RTP Reference: 2018 RTP, Page 6-6; Prior Yr Status: ---; Future Cost Est: ---

**Kern Council of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
State Highway System**

DIST: 06	PPNO:	EA:	CTIPS ID: 204-0000-0878	TITLE (DESCRIPTION): SHOPP - COLLISION REDUCTION (GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM)	MPO Aprv: 07/22/2019 State Aprv: Federal Aprv:
CT PROJECT ID:			MPO ID.: KER180202		
COUNTY: Kern County	ROUTE:		PM:		EPA TABLE II or III EXEMPT CATEGORY Guardrails, median barriers, crash cushions.

IMPLEMENTING AGENCY: Caltrans
PROJECT MANAGER:

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

Version	Status	Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
4	Official	07/22/2019	RPACHECO	Amendment - Cost/Scope/Sch. Change	5	58,814,000		
3	Official	03/21/2019	RPACHECO	Amendment - Cost/Scope/Sch. Change	2	42,893,000		
2	Official	09/24/2018	RPACHECO	Amendment - Cost/Scope/Sch. Change	1	38,618,000		
1	Official	08/16/2018	RPACHECO	Adoption - New Project	0	28,402,000		

* SHOPP - Collision Reduction -		<u>PRIOR</u>	<u>18-19</u>	<u>19-20</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>BEYOND</u>	<u>TOTAL</u>
* Fund Source 1 of 1	PE									
	RW									
* Fund Type: SHOPP Advance Construction (AC)	CON	3,760,000	19,950,000	9,968,000	11,638,000	13,498,000				58,814,000
* Funding Agency:	Total:	3,760,000	19,950,000	9,968,000	11,638,000	13,498,000				58,814,000

Comments:

***** Version 4 - 05/21/2019 *****
 Per 5/20/19 SHOPP listing; Add \$1,400,000 FY 18/19; add \$1,540,000 FY 19/20; add \$3,948,000 FY 20/21; add \$9,033,000 FY 21/22; add 0X760 and 0X770 to group listing
 ***** Version 3 - 12/21/2018 *****
 Per 12/18/18 SHOPP listing; delete \$1,830,000 prior year; delete \$3,160,000 FY 18/19; add \$7,010,000 FY 19/20; add \$2,255,000 FY 21/22; add 0W990 to group listing
 ***** Version 2 - 09/05/2018 *****
 Per 8/23/18 SHOPP listing; add \$1,830,000 FY 17/18, \$9,120,000 FY 18/19; delete \$4,683,000 FY 19/20; add \$3,949,000 FY 20/21; add 0X520, 0S550 to group listing
 ***** Version 1 - 05/10/2018 *****
 Per 2018 SHOPP; new group listing

RTP Reference: 2018 RTP, Page 6-6; Prior Yr Status: ---; Future Cost Est: ---

**Kern Council of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
State Highway System**

DIST: 06	PPNO:	EA:	CTIPS ID: 204-0000-0881	TITLE (DESCRIPTION): SHOPP - ROADWAY PRESERVATION (GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM)	MPO Aprv: 07/22/2019 State Aprv: Federal Aprv:
CT PROJECT ID:			MPO ID.: KER180205		
COUNTY: Kern County	ROUTE:		PM:		EPA TABLE II or III EXEMPT CATEGORY Pavement resurfacing and/or rehabilitation.

IMPLEMENTING AGENCY: Caltrans
PROJECT MANAGER:

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

Version	Status	Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
4	Official	07/22/2019	RPACHECO	Amendment - Cost/Scope/Sch. Change	5	250,717,000		
3	Official	03/21/2019	RPACHECO	Amendment - Cost/Scope/Sch. Change	2	245,777,000		
2	Official	09/24/2018	RPACHECO	Amendment - Cost/Scope/Sch. Change	1	216,807,000		
1	Official	08/16/2018	RPACHECO	Adoption - New Project	0	206,407,000		

* SHOPP - Roadway Preservation -		<u>PRIOR</u>	<u>18-19</u>	<u>19-20</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>BEYOND</u>	<u>TOTAL</u>
* Fund Source 1 of 1	PE									
	RW									
* Fund Type: SHOPP Advance Construction (AC)	CON	17,695,000	77,098,000	71,699,000	29,355,000	54,870,000				250,717,000
* Funding Agency:	Total:	17,695,000	77,098,000	71,699,000	29,355,000	54,870,000				250,717,000

Comments:

***** Version 4 - 05/21/2019 *****
 Per 5/20/19 SHOPP listing; Delete \$865,000 FY 19/20; Add \$5,805,000 FY 20/21
 ***** Version 3 - 12/21/2018 *****
 Per 12/18/18 SHOPP listing; add \$4,300,000 FY 18/19; Add \$1,670,000 FY 19/20; add \$12,800,000 FY 20/21; add \$10,200,000 FY 21/22; add 0X350 and 0X080 to group listing
 ***** Version 2 - 09/05/2018 *****
 Per 8/23/18 SHOPP listing; add \$60,000 FY 18/19, \$10,340,000 FY 21/22; add 0Q281 to group listing
 ***** Version 1 - 05/10/2018 *****
 Per 2018 SHOPP; new group listing

RTP Reference: 2018 RTP, Page 6-6; Prior Yr Status: ---; Future Cost Est: ---

**Kern Council of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
State Highway System**

DIST: 06	PPNO:	EA:	CTIPS ID: 204-0000-0887	TITLE (DESCRIPTION): HIGHWAY MAINTENANCE (GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE)	MPO Aprv: 07/22/2019 State Aprv: Federal Aprv:
CT PROJECT ID:			MPO ID.: KER180208		
COUNTY: Kern County	ROUTE:		PM:		EPA TABLE II or III EXEMPT CATEGORY Pavement resurfacing and/or rehabilitation.

IMPLEMENTING AGENCY: Caltrans
PROJECT MANAGER:

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

Version	Status	Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
2	Official	07/22/2019	RPACHECO	Amendment - Cost/Scope/Sch. Change	5	10,825,000		
1	Official	09/24/2018	RPACHECO	Amendment - New Project	1	2,983,000		

* Highway Maintenance -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 1 of 3	PE									
	RW									
* Fund Type: Surface Transportation Program	CON		2,983,000	3,718,260						6,701,260
* Funding Agency:	Total:		2,983,000	3,718,260						6,701,260

* Highway Maintenance -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 2 of 3	PE									
	RW									
* Fund Type: National Hwy System	CON			2,301,780						2,301,780
* Funding Agency:	Total:			2,301,780						2,301,780

* Highway Maintenance -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 3 of 3	PE									
	RW									
* Fund Type: State Cash	CON			1,821,960						1,821,960
* Funding Agency:	Total:			1,821,960						1,821,960

Project Total:		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE									
	RW									
	CON		2,983,000	7,842,000						10,825,000
	Total:		2,983,000	7,842,000						10,825,000

Comments:

***** Version 2 - 07/01/2019 *****
Per 6/18/19 Caltrans email: add \$3,718,260 STP and \$2,301,780 NHS and \$1,821,960 State Cash FY 19/20; add 0Y070, 0Y050, 0W760 to group listing
(For project 0W760 funding refer to TCAG FTIP CTIPS ID: 215-0000-0764 and MPO ID: TUL12-146)

***** Version 1 - 09/05/2018 *****
Per 5/30/18 Caltrans email: add \$2,983,000 STP FY 18/19; add 06-0X830

RTP Reference: 2018 RTP, Page 6-6; Prior Yr Status: ---; Future Cost Est: ---

**Kern Council of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
Local Highway System**

DIST: 06	PPNO:	EA:	CTIPS ID: 204-0000-0838	TITLE (DESCRIPTION): ROSAMOND BOULEVARD (ROSAMOND BOULEVARD PEDESTRIAN PATH PROJECT)	MPO Aprv: 07/22/2019 State Aprv: Federal Aprv:
CT PROJECT ID:			MPO ID.: KER161008		
COUNTY: Kern County	ROUTE:		PM:		EPA TABLE II or III EXEMPT CATEGORY Bicycle and pedestrian facilities.

IMPLEMENTING AGENCY: Kern County
PROJECT MANAGER:

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

Version	Status	Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
3	Official	07/22/2019	RPACHECO	Amendment - Cost/Scope/Sch. Change	5	680,000	177,000	140,000
2	Official	08/16/2018	RPACHECO	Adoption - Carry Over	0	680,000	177,000	140,000
1	Official	01/23/2017	RPACHECO	Amendment - New Project	1	680,000	177,000	140,000

* Other Fed -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 1 of 2	PE			90,000						90,000
	RW			110,000						110,000
* Fund Type: Active Transportation Program (ATP)	CON				680,000					680,000
* Funding Agency:	Total:			200,000	680,000					880,000

* Local Funds -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 2 of 2	PE			50,000						50,000
	RW			67,000						67,000
* Fund Type: County Funds	CON									
* Funding Agency:	Total:			117,000						117,000

Project Total:		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE			140,000						140,000
	RW			177,000						177,000
	CON				680,000					680,000
	Total:			317,000	680,000					997,000

Comments:

***** Version 3 - 05/21/2019 *****
 Per 5/15/19 CTC Amendment approval: Change \$33,000 ATP to Local PE FY 19/20; Change \$46,000 ATP to Local RW FY 19/20; Change \$79,000 Local to ATP CON FY 20/21
 ***** Version 1 - 05/14/18 *****
 Project data transferred from 2016 FTIP.
 ***** Version 1 - 12/29/2016 *****
 Per 12/7/16 CTC approval of Statewide ATP Cycle 3
 RTP reference: 2014 RTP page 5-18
 Prior year status: ---
 Future cost est: ---

**Kern Council of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
Local Highway System**

DIST: 06	PPNO:	EA:	CTIPS ID: 204-0000-0900	TITLE (DESCRIPTION): FRIANT-KERN CANAL MULTI-USE PATH (BAKERSFIELD: BOUNDED BY 7TH STANDARD RD, KERN RIVER PARKWAY AND APPROX 6 MILES FRIANT-KERN CANAL; CONSTRUCT CLASS I MULTI- USE PATH)	MPO Aprv: 07/22/2019 State Aprv: Federal Aprv:
CT PROJECT ID:			MPO ID.: KER191004		EPA TABLE II or III EXEMPT CATEGORY Bicycle and pedestrian facilities.
COUNTY: Kern County	ROUTE:		PM:		

IMPLEMENTING AGENCY: Bakersfield, City of
PROJECT MANAGER:

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

Version	Status	Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
1	Official	07/22/2019	RPACHECO	Amendment - New Project	5	8,200,000		

* Other Fed -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 1 of 2	PE									
	RW									
* Fund Type: Active Transportation Program (ATP)	CON					4,306,000				4,306,000
* Funding Agency:	Total:					4,306,000				4,306,000

* Local Funds -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 2 of 2	PE									
	RW									
* Fund Type: Local Transportation Funds	CON					3,894,000				3,894,000
* Funding Agency:	Total:					3,894,000				3,894,000

Project Total:		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE									
	RW									
	CON					8,200,000				8,200,000
	Total:					8,200,000				8,200,000

Comments:
***** Version 1 - 05/21/2019 *****
Per 5/15/19 CTC approved Cycle 4 MPO: new project

ATTACHMENT 2

Updated Financial Plan

Updated Grouped Project Listings

TABLE 1: REVENUE

Kern Council of Governments
2019 Federal Transportation Improvement Program
Amendment No. 5
 (\$'s in 1,000)

Funding Source		N O T E S	4 YEAR (FTIP Period)								TOTAL CURRENT
			FY 2019		FY 2020		FY 2021		FY 2022		
			Amendment		Amendment		Amendment		Amendment		
			Prior	Current	Prior	Current	Prior	Current	Prior	Current	
			No. 3	No. 5	No. 3	No. 5	No. 3	No. 5	No. 3	No. 5	
LOCAL	Gas Tax (Subventions to Cities)	\$25,036	\$25,274	\$7,705	\$7,784	\$1,022	\$943	\$453	\$4,347	\$38,348	
	Street Taxes and Developer Fees	\$154,658	\$154,658	\$8,000	\$8,000					\$162,658	
	Local Total	\$179,694	\$179,932	\$15,705	\$15,784	\$1,022	\$943	\$453	\$4,347	\$201,006	
STATE	SHOPP	\$114,292	\$115,692	\$84,415	\$85,090	\$78,673	\$51,126	\$78,748	\$125,081	\$376,989	
	State Minor Program	\$4,182	\$4,182							\$4,182	
	STIP	\$699	\$699	\$6,321	\$6,321	\$21,613	\$21,613	\$28,509	\$28,509	\$57,142	
	Active Transportation Program (ATP) ¹	\$13,271	\$10,222	\$3,800	\$6,770	\$5,602	\$5,681	\$1,591	\$5,897	\$28,570	
	Highway Maintenance (HM) Program ¹	\$2,983	\$2,983		\$7,842					\$10,825	
	Highway Bridge Program (HBP) ¹		\$1,838	\$89	\$89			\$418	\$418	\$2,344	
State Total	\$135,427	\$135,616	\$94,625	\$106,112	\$105,888	\$78,420	\$109,266	\$159,905	\$480,052		
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants	\$7,593	\$7,593	\$6,499	\$6,499					\$14,092	
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities										
	5311 - Formula Grants for Rural Areas	\$1,497	\$1,497							\$1,497	
	5339 - Bus and Bus Facilities Formula Grants	\$993	\$993							\$993	
	Federal Transit Total	\$10,082	\$10,082	\$6,499	\$6,499					\$16,582	
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$11,184	\$11,184	\$11,380	\$11,380	\$11,376	\$11,376	\$11,372	\$11,372	\$45,311	
	Highway Infrastructure Program (HIP)	\$1,140	\$1,140	\$1,057	\$1,379		\$2,630			\$5,150	
	High Priority Projects (HPP) and Demo	\$49,844	\$52,244							\$52,244	
	Highway Safety Improvement Program (HSIP)	\$8,207	\$8,706			\$2,339	\$2,339			\$11,044	
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)	\$50,000	\$50,000							\$50,000	
	Railway-Highway Crossings Program										
	Recreational Trails Program										
	Surface Transportation Block Grant Program (STBGP/RSTP)	\$11,716	\$11,716	\$12,073	\$12,073	\$12,066	\$12,066	\$12,059	\$12,059	\$47,914	
Federal Highway Total	\$132,092	\$134,990	\$24,510	\$24,832	\$25,780	\$28,410	\$23,431	\$23,431	\$211,663		
Federal Total	\$142,174	\$145,072	\$31,010	\$31,332	\$25,780	\$28,410	\$23,431	\$23,431	\$228,245		
REVENUE TOTAL		\$457,295	\$460,620	\$141,339	\$153,227	\$132,691	\$107,774	\$133,150	\$187,683	\$909,304	

Financial Summary Notes:

¹ State Programs that include both state and federal funds
² Per 2018 STIP: \$3.5 million of Kern STIP-AC in StanCOG FTIP FY 16
 This financial plan includes 2019 FTIP Amendment No. 4.

TABLE 2: PROGRAMMED

Kern Council of Governments
2019 Federal Transportation Improvement Program
Amendment No. 5
(\$'s in 1,000)

FUNDING SOURCES		NOTES	4 YEAR (FTIP Period)								TOTAL CURRENT
			FY 2019 Amendment		FY 2020 Amendment		FY 2021 Amendment		FY 2022 Amendment		
			Prior	Current	Prior	Current	Prior	Current	Prior	Current	
			No. 3	No. 5	No. 3	No. 5	No. 3	No. 5	No. 3	No. 5	
LOCAL	Local Total		\$179,694	\$179,932	\$15,705	\$15,784	\$1,022	\$943	\$453	\$4,347	\$201,006
STATE	SHOPP		\$114,292	\$115,692	\$84,415	\$85,090	\$78,673	\$51,126	\$78,748	\$125,081	\$376,989
	State Minor Program		\$4,182	\$4,182							\$4,182
	STIP		\$699	\$699	\$6,321	\$6,321	\$21,613	\$21,613	\$28,509	\$28,509	\$57,142
	Active Transportation Program ¹		\$13,271	\$10,222	\$3,800	\$6,770	\$5,602	\$5,681	\$1,591	\$5,897	\$28,570
	Highway Maintenance (HM) Program ¹		\$2,983	\$2,983		\$7,842					\$10,825
	Highway Bridge Program (HBP) ¹			\$1,838	\$89	\$89			\$418	\$418	\$2,344
	State Total		\$135,427	\$135,616	\$94,625	\$106,112	\$105,888	\$78,420	\$109,266	\$159,905	\$480,052
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants		\$7,593	\$7,593	\$6,499	\$6,499					\$14,092
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities										
	5311 - Formula Grants for Rural Areas		\$1,497	\$1,497							\$1,497
	5339 - Bus and Bus Facilities Formula Grants		\$993	\$993							\$993
	Federal Transit Total		\$10,082	\$10,082	\$6,499	\$6,499					\$16,582
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program		\$10,985	\$10,985	\$10,363	\$10,363	\$4,362	\$4,362			\$25,710
	Highway Infrastructure Program (HIP)		\$1,100	\$1,100	\$1,057	\$1,057					\$2,157
	High Priority Projects (HPP) and Demo		\$49,844	\$52,244							\$52,244
	Highway Safety Improvement Program (HSIP)		\$8,207	\$8,706			\$2,339	\$2,339			\$11,044
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)		\$50,000	\$50,000							\$50,000
	Railway-Highway Crossings Program										
	Recreational Trails Program										
	Surface Transportation Block Grant Program (STBGP/RSTP)		\$11,642	\$11,642	\$12,073	\$12,073					\$23,715
Federal Highway Total		\$131,778	\$134,676	\$23,493	\$23,493	\$6,701	\$6,701			\$164,870	
	Federal Total		\$141,860	\$144,758	\$29,993	\$29,993	\$6,701	\$6,701			\$181,452
PROGRAMMED TOTAL			\$456,981	\$460,306	\$140,322	\$151,888	\$113,611	\$86,064	\$109,719	\$164,252	\$862,511

MPO Financial Summary Notes:

¹ State Programs that include both state and federal funds.

² Per 2018 STIP: \$3.5 million of Kern STIP-AC in StanCOG FTIP FY 19

This financial plan includes 2019 FTIP Amendment No. 4.

TABLE 3: REVENUE-PROGRAMMED

Kern Council of Governments
2019 Federal Transportation Improvement Program
Amendment No. 5
(\$'s in 1,000)

FUNDING SOURCES		4 YEAR (FTIP Period)								TOTAL CURRENT
		FY 2019		FY 2020		FY 2021		FY 2022		
		Amendment		Amendment		Amendment		Amendment		
		Prior	Current	Prior	Current	Prior	Current	Prior	Current	
		No. 3	No. 5	No. 3	No. 5	No. 3	No. 5	No. 3	No. 5	
LOCAL	Local Total									
STATE	SHOPP									
	State Minor Program									
	STIP									
	Active Transportation Program ¹									
	Highway Maintenance (HM) Program ¹									
	Highway Bridge Program (HBP) ¹									
	State Total									
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants									
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities									
	5311 - Formula Grants for Rural Areas									
	5339 - Bus and Bus Facilities Formula Grants									
	Federal Transit Total									
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$199	\$199	\$1,017	\$1,017	\$7,013	\$7,013	\$11,372	\$11,372	\$19,601
	Highway Infrastructure Program (HIP)	\$41	\$41		\$322		\$2,630			\$2,993
	Highway Infrastructure Program (HIP) - PRIOR									
	High Priority Projects (HPP) and Demo									
	Highway Safety Improvement Program (HSIP)									
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)									
	Railway-Highway Crossings Program									
	Recreational Trails Program									
	Surface Transportation Block Grant Program (STBGP/RSTP)	\$74	\$74			\$12,066	\$12,066	\$12,059	\$12,059	\$24,199
Federal Highway Total	\$314	\$314	\$1,017	\$1,339	\$19,079	\$21,709	\$23,431	\$23,431	\$46,793	
	Federal Total	\$314	\$314	\$1,017	\$1,339	\$19,079	\$21,709	\$23,431	\$23,431	\$46,793
REVENUE - PROGRAM TOTAL		\$314	\$314	\$1,017	\$1,339	\$19,079	\$21,709	\$23,431	\$23,431	\$46,793

2019 Federal Transportation Improvement Program

Grouped Project Listings

Kern Council of Governments

Includes:

State Highway Operations and Protection Program (SHOPP) - dated 7/1/19
Highway Maintenance

Note: Listing is available on the Kern COG website at
<http://www.kerncog.org/category/docs/ftip/>

**SHOPP Grouped Listing
Summary
Dollars X \$1000**

	PIN	TOTAL	PRIOR	18/19	19/20	20/21	21/22	22/23	PE	RW	CON
SHOPP - Bridge Preservation	KER180201	\$60,391	\$4,555	\$12,836	\$0	\$5,700	\$37,300		\$10,555	\$1,740	\$48,096
SHOPP - Collision Reduction	KER180202	\$58,814	\$3,760	\$19,950	\$9,968	\$11,638	\$13,498		\$17,151	\$6,152	\$35,511
SHOPP - Mandates	KER180203	\$15,102	\$0	\$3,541	\$3,423	\$4,001	\$4,137		\$4,176	\$2,788	\$8,138
SHOPP - Roadside Preservation	KER180204	\$1,581	\$244	\$1,337	\$0	\$0	\$0		\$241	\$4	\$1,336
SHOPP - Roadway Preservation	KER180205	\$250,717	\$17,695	\$77,098	\$71,699	\$29,355	\$54,870		\$41,818	\$9,714	\$199,185
TOTAL		\$386,605	\$26,254	\$114,762	\$85,090	\$50,694	\$109,805	\$0	\$73,941	\$20,398	\$292,266

SHOPP - Bridge Preservation
KER180201
Dollars X \$1000

CTIPS	CO	Dist	EA	Route	Description	PE	RW	CON
10400000415	KER	6	0W460	5	Near the Grapevine, at the California Aqueduct No. 50-0321UR. Improve to standard load capacity.	2340	20	2601
10400000416	KER	6	0W430	99	Near the Grapevine, from the Route 5/99 Separation to 2.1 miles south of Route 166 Overcrossing; also on Route 5, at the Route 5/99 Separation Bridge No. 50-0240R. Lower roadway profile to obtain standard vertical clearance.	2070	20	9295
10400000406	KER	6	0S050	166	Near Mettler, at California Aqueduct Bridge (No. 50-0323). Bridge rehabilitation.	6145	1700	36200

SHOPP - Collision Reduction
KER180202
Dollars X \$1000

CTIPS	CO	Dist	EA	Route	Description	PE	RW	CON
10400000407	KER	6	0E320	178	In Bakersfield, from M Street to east of Fairfax Road at various locations. Roadside safety improvements.	807	10	3452
10400000433	KER	6	0W410	46	In and near Wasco, from 0.7 mile west of Brown Material Road to Scofield Avenue. Install centerline and shoulder rumble strips.	900	10	1699
10400000388	KER	6	0S510	223	In and Near Arvin, at Derby Street. Install traffic signals.	1123	419	1926
10400000410	KER	6	0V280	184	Near Lamont, from 0.1 mile south to 0.1 mile north of Sunset Boulevard. Construct roundabout at intersection of Route 184/Sunset Boulevard.	2400	1480	5170
13000003056	KER	9	36770	178	In Kern, Mono, Inyo, and San Bernardino Counties, on Routes 14, 89, 108, 120, 127, 168, 178, 182, 190, 202, and 395 at various locations. Upgrade guardrails, end treatments, and bridge transition railings to current standards.	810	11	3741
10400000430	KER	9	36720	202	Near Tehachapi, from 0.2 mile west to 0.2 mile east of Cummings Valley Road East. Construct a left turn lane from southbound Route 202 to Cummings Valley Road East.	1281	1553	2210
10400000441	KER	6	0X520	178	Near Bakersfield, from 0.2 mile east of Miramonte Drive to Kelso Valley Road; also on Route 223 from South Vineland Road to South Comanche Drive (PM R17.1/R20.0). Install centerline and shoulder rumble strips.	1660	13	3943
10400000444	KER	6	0S550	99	Near Bakersfield, at the Lerdo Canal Bridge No. 50-0133 R/L. Widen shoulders and construct median barrier.	1400	0	3200
10400000445	KER	6	0W990	204	In Bakersfield, at 8th Street. Installation of High-intensity Activated crossWalk (HAWK) system.	1510	510	2255
10400000448	KER	6	0X770	43	In Wasco, from Route 46 to south of Gromer Avenue. Improve safety by constructing a roundabout.	2800	2100	5200
10400000449	KER	6	0X760	119	In Taft, from north of Gardner Field Road to south of Ash Street. Construct left turn lane.	2460	46	2715

SHOPP - Mandates
KER180203
Dollars X \$1000

CTIPS	CO	Dist	EA	Route	Description	PE	RW	CON
10400000429	KER	6	0T000	58	In Bakersfield, from 0.2 mile west of H Street Overcrossing to 0.2 mile east of Cottonwood Road Undercrossing. Upgrade curb ramps to meet current Americans with Disabilities Act (ADA) Standards.	1471	965	4001
10400000427	KER	6	0W150	204	In Bakersfield, from Route 204/58 Separation to L street; also on Route 58 (PM R54.2/R54.6). Upgrade curb ramps and Accessible Pedestrian Signals (APS) to meet current Americans with Disabilities Act (ADA) Standards.	2705	1823	4137

SHOPP - Roadside Preservation
KER180204
Dollars X \$1000

CTIPS	CO	Dist	EA	Route	Description	PE	RW	CON
10400000405	KER	6	0T280	99	In Bakersfield, from Planz Road to north of California Avenue. Upgrade inigation system to improve water efficiency.	241	4	1336

SHOPP - Roadway Preservation - continued
KER180205
Dollars X \$1000

CTIPS	CO	Dist	EA	Route	Description	PE	RW	CON
10400000422	KER	6	0U480	46	In and near Wasco, from Magnolia Avenue to Route 43 South. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	1660	450	5500
10400000423	KER	6	0U290	184	Near Bakersfield, from south of Hickory Lane to north of Brundage Lane. Upgrade Americans with Disabilities Act (ADA) curb ramps, install bike lanes, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement	5600	4860	21450
10400000424	KER	6	0U430	184	In and near Bakersfield, from 0.2 mile south of Edison Highway to Route 178. Upgrade Americans with Disabilities Act (ADA) curbs and barrier railing, widen shoulders, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate roadway.	2540	400	9200
10400000421	KER	6	0U470	5	Near Kettleman City, from 0.34 mile south of Twisselman Road Overcrossing to Kings County line. Reconstruct the number two lane with continuously reinforced concrete pavement (CRCP) and grind the number one lane to rehabilitate pavement.	1640	90	27600
10400000425	KER	6	0U490	204	In Bakersfield, from F Street to Route 99. Cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	1190	75	3840
10400000401	KER	6	0Q820	5	Near Lebec, from north Lebec Road to south of Grapevine Road. Rehabilitate drainage systems.	1045	250	5790
10400000403	KER	6	0T200	99	In and near Bakersfield, from Route 5 to 0.3 mile north of Old US 99 Overcrossing. Roadway rehabilitation.	2760	220	53200
10400000419	KER	6	0U240	VAR	In Kern and Kings Counties, on Route 99, 198 and 204 at various locations. Upgrade existing pumps and control systems at 11 pumping plants.	2840	732	7230
10400000420	KER	6	0W160	5	In Kern County, from 2.4 miles north of Fort Tejon Overcrossing to 1.2 miles south of Grapevine Undercrossing at four locations. Repair reinforced concrete box culverts.	3128	161	10925
10400000426	KER	9	36740	14	In and near Rosamond and Mojave, from 1.4 miles south of Dawn Road Overcrossing (OC) to 0.5 mile north of Silver Queen Road OC. Rehabilitate lanes and ramps by replacing slabs and grinding lane 1, construct Continuous Reinforced Concrete Pavement (CRCP) lane 2, cold plane and overlay ramps with Rubberized Hot Mix Asphalt (RHMA-G). Replace guardrail, construct rumble strip, replace signs using retroreflective sheeting, and refresh pavement delineation. (G13 Contingency)	1830	272	
10400000402	KER	6	0U100	43	Near Bakersfield, from Route 119 to south of Noriega Road; also on Route 119 from Enos Lane to Route 5 (PM 18.1/19.8). Pavement rehabilitation.	885	104	13350
10400000436	KER	6	0V610	119	Near Bakersfield, from 0.1 miles east of Ashe Road to Route 99 Separation. Rehabilitate roadway including reconstruction of travel lanes with Jointed Plain Concrete Pavement (JPCP), widen intersections and shoulders to meet current standards, add bicycle lanes, median lane to accommodate two-way turning, install drainage inlets and stormwater basin, sidewalks and upgrade American with Disabilities Act (ADA) ramps to current standards. (Long Lead Project)	3200		
10400000404	KER	6	0Q920	99	In and near Bakersfield, from 0.5 mile south of Old US 99 Overcrossing to 0.1 mile north of White Lane. Rehabilitate pavement. (G13 Contingency)	3000	790	
10400000434	KER	6	0U110	58	In and near Bakersfield, from Route 43 to 0.1 mile west of Allen Road. Pavement rehabilitation.	2600	600	10400
10400000442	KER	6	0Q281	99	In Bakersfield, from Brundage Lane Overcrossing to Beardsley Canal Bridge. Landscape mitigation for rehabilitate roadway project EA 0Q280.	1200	40	9100
10400000446	KER	6	0X350	58	Near McKittrick, from San Luis Obispo County line to Route 33. Pavement rehabilitation, repair culverts, and upgrade Intelligent Transportation System (ITS) field elements.	3000	170	12800
10400000447	KER	6	0X080	178	Near Bakersfield, from east of Miramonte Drive to Vista Grande Drive. Repair, replace, and/or clean culverts.	3700	500	8800

GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE
STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE

District	Agency	EA5	Project ID #	MPO	* Project Location	Project Description	Total Project Cost	Other/ Local Funds	Funds to be Programmed for PE Support Costs Federal Funds	Funds to be Programmed in R/W Support costs Federal Funds	Funds to be Programmed in Construction Support Costs Federal Funds	Latest Estimated Construction Capital Value in Contract	Constructi on Capital Federal Share	Construct ion Capital State Share	FTIP Program Year	National Highway System (Y/N)	Federal Fund Source	County	Route	Back Post Mile	Ahead Post Mile
06	Caltrans	06-0X830	18000154	KCOG	IN KERN COUNTY ON ROUTE 33 FROM 0.20 MILES SOUTH OF 7TH STANDARD ROAD TO BROWN MATRIAL ROAD	R/R BWC RHMA Type G with Digouts	\$2,983,000		\$172,000	\$1,000	\$210,000	\$2,600,000	\$2,600,000	\$0	2018/19	N	STP	KER	33	44.2	54.8

District	Agency	EA	Project ID #	MPO	Project Location	Project Description	Total Project Cost	Other/ Local Funds	Funds to be Programmed for PE Support Costs State Funds	Funds to be Programmed in R/W Support costs State Funds	Funds to be Programmed in Construction Support Costs State Funds	Latest Estimated Construction Capital Value in Contract	Constructi on Capital Federal Share	Construct ion Capital State Share	FTIP Program Year	National Highway System (Y/N)	Federal Fund Source	County	Route	Back Post Mile	Ahead Post Mile
06	Caltrans	06-0Y070	619000150	KCOG	In Kern Co On Rte 155 from 2.4 miles North of Sandy Creek Fire Rd to Sierra Visat Dr	Maintenance Asphalt Overlay	\$4,843,000		\$289,000	\$1,000	\$353,000	\$4,200,000	\$3,718,260	\$481,740	2019/20	N	STP	KER	155	49.4	60
06	Caltrans	06-0Y050	0619000153	KCOG	In Kern Co On Rte 5 from 0.9 Mile North of Old River Rd OC to 1.2 mile south of 43/5 Separation	Maintenance Asphalt Overlay	\$2,999,000		\$179,000	\$1,000	\$219,000	\$2,600,000	\$2,301,780	\$298,220	2019/20	Y	NHS	KER	5	30.0	40
06	Caltrans	06-0W760	0617000279	KCOG	IN TUL CO NEAR VISALIA ON RTE 63 FROM ROBIN DR TO SOUTH JCT 63/201 & RTE 216 FROM 0.2 MI EAST OF SOL RD. TO AVE 344 & ON KERN CO RTE 65 FROM McFARLAND-WOODY RD TO THE KERN/TUL CO LINE	Maintenance Asphalt Overlay	\$0								2019/20	Y	NHS	KER	65	15.8	25.2

ATTACHMENT 3

Performance Measures

Kern COG 2019 FTIP Performance Measures

The 2012 federal transportation authorization legislation, ‘Moving Ahead for Progress in the 21st Century’ (MAP-21) established new requirements for performance management and reporting to ensure the most efficient investment of Federal transportation funds. To incorporate the new federal performance requirements for Safety (PM1); Pavement and Bridge Conditions (PM2); and System Performance (Travel Time Reliability), Freight, and Air Quality (PM3) into the Federal Transportation Improvement Program (FTIP), Kern Council of Governments is required to show (1) that the FTIP “makes progress towards achieving the Kern region’s performance targets”, and (2) that the FTIP includes, “to the maximum extent practicable, a description of the anticipated effect of the FTIP towards achieving the performance targets.”

The projects contained within the 2019 FTIP, as amended, have been developed in accordance with the applicable provisions and requirements of 23 CFR Part 450 and are expected to support the achievement of these targets. These targets will be achieved through the implementation of investment priorities through the programming of transportation projects in the 2019 FTIP, this FTIP Amendment, and subsequent FTIP Amendments and Administrative Modifications.

Safety Performance Measures (PM1)

The Kern COG Board voted on February 15, 2018 to approve the Kern PM 1 targets. Kern COG provided the description below (in the 2019 FTIP) on how investment in the FTIP will contribute toward achieving the PM 1 targets for Safety.

Kern COG has adopted five new safety performance measures developed consistent with the state targets and the federal methodology as required by MAP-21 and FAST ACT. The recommended targets for 2018 (5-yr) are as follow:

- Number of fatalities: 148
- Rate of fatalities per 100 million VMT: 1.63
- Number of serious injuries: 329
- Rate of serious injuries per 100 million VMT: 3.63
- Number of non-motorized fatalities and non-motorized serious injuries (bicycles and pedestrians): 98

The methodology uses California Highway Patrol (CHP) historical accident data (SWITRS) for Kern County and a 5 year running average to forecast future accidents. Kern COG's member agencies are encouraged to promote projects and policies that will help the region to perform better than the national targets for the Kern region. In an effort to encourage projects funded with federal dollars to address safety concerns, Kern COG has implemented ranking criteria that prioritizes projects that have a safety component, which accounts for as much as 25% of the total score for regional projects.

In addition Kern COG strives to improve communication and coordination between public agencies and the public by identifying and engaging key transportation planning stakeholders. Through the stakeholder groups, Kern COG often identifies safety issues critical to their interests. For example, Kern COG works closely with member agencies (cities and county) and Caltrans in nominating projects for the State Highway Operation and Protection Program, Highway Safety Improvement Program, and Active Transportation Program.

Projects listed in Amendment No. 5 that would demonstrate progress towards achieving the performance measures outlined in the 2019 FTIP:

- Active Transportation Program Cycle 3 – KER161008
 - This project seeks to improve the safety for pedestrians by constructing a pedestrian path.
- Active Transportation Program Cycle 4 – KER191004
 - This project seeks to improve the safety for cyclists by constructing a Class 1 multi-use path.
- State Highway Operations and Protection Program – KER180202
 - This project seeks to improve safety by constructing a roundabout.

Pavement and Bridge Conditions (PM 2)

The Kern COG Board voted on September 20, 2018 to approve the Kern PM 2 targets consistent with the state targets. The PM2 targets are contained in the following table.

Bridge and Pavement Performance Targets

Pavement and Bridge PMs	FHWA 1st Performance Period			
	2-Year NHS Targets (1/1/2018 – 12/31/2019)		4-Year NHS Targets (1/1/2020 – 12/31/2021)	
	Good	Poor	Good	Poor
Pavements on the NHS				
Interstate	45.1%	3.5%	44.5%	3.8%
Non-Interstate	28.2%	7.3%	29.9%	7.2%
Bridges on the NHS	69.1%	4.6%	70.5%	4.4%

Source: Caltrans Division of Transportation Asset Management

Projects listed in Amendment No. 5 that would demonstrate progress towards achieving the performance measures outlined above:

- State Highway Operations and Protection Program – KER180201, KER180205
 - These projects seeks to improve bridge and pavement conditions.
- Highway Maintenance – KER180208
 - These projects seek to improve pavement conditions.

System Performance (Travel Time Reliability), Freight, and Air Quality (PM 3)

The Kern COG Board voted on September 20, 2018 to approve the Kern PM 2 targets consistent with the state targets. The PM3 targets are contained in the following tables.

System Performance Measures

System Performance Measure	Applicable in Kern County?	Why? / Why Not?
Percent of Reliable Person-Miles Traveled on the Interstate	YES	Interstates traverse the Kern County region
Percent of Reliable Person-Miles Traveled on the Non-Interstate NHS	YES	Kern County region contains a number of freeways, highways, and local roads on the National Highway System (NHS).
Percentage of Interstate System Mileage Providing Reliable Truck Travel Time (Truck Travel Time Reliability Index)	YES	Interstates traverse the Kern County region
Total Emissions Reductions by Applicable Pollutants under the CMAQ Program	No	These measures only apply to regions with urbanized areas that contain a population greater than one million.
Annual Hours of Peak-Hour Excessive Delay Per Capita (PHED)	No	
Percent of Non-Single Occupancy Vehicle (Non-SOV) Travel	No	

System Performance Measure Targets

Performance Measure	2017 Baseline Data	2-Year Target	4-Year Target
Percent of reliable Person-Miles Traveled on the Interstate	64.6 %	65.1%(+0.5%)	65. % (+1%)
Percent of Reliable Person-Miles Traveled on the Non-Interstate NHS	73.0 %	N/A	74.0% (+1%)
Percentage of Interstate System Mileage Providing Reliable Truck Travel Time (Truck Travel Time reliability Index)	1.69	1.68 (-0.01)	1.67 (-0.02)

Source: Caltrans Office of Multi-Modal System Planning

Projects listed in Amendment No. 5 that would demonstrate progress towards achieving the performance measures outlined above:

- State Highway Operations and Protection Program – KER180205
 - These projects seek to improve pavement conditions.