



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

California Division

August 9, 2016

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

In Reply Refer To:
HDA-CA

Mr. Bruce de Terra
Chief, Division of Transportation Programming
California Department of Transportation, MS 82
1120 N Street
Sacramento, CA 95814

Attn: Muhaned Aljabiry

SUBJECT: KCOG FY 2015 - 2018 FTIP Amendment # 20

Dear Mr. de Terra:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed the review of Amendment # 20 to the Kern Council of Governments (KCOG) FY 2015 - 2018 Federal Transportation Improvement Program (FTIP) that was submitted by your letter dated July 27, 2016. KCOG adopted Amendment # 20 on July 25, 2016. This amendment to KCOG's FTIP:

- Adds grouped and individual projects in Kern County. Funding sources include the State Highway Operation and Protection Program, Highway Maintenance Program, Section 130/Grade Crossings, Federal Demonstration, and local funds.

Pursuant to the December 15, 2014, *Memorandum of Understanding between the Federal Highway Administration, California Division, and the Federal Transit Administration, Region IX*, we accept the modifications to the 2015 – 2018 Federal Statewide Transportation Improvement Program (FSTIP) for the KCOG region in accordance with the Final Rule on Statewide and Metropolitan Transportation Planning published in the May 27, 2016 Federal Register. We find that the KCOG's FTIP, through Amendment # 20, was developed through a continuing, cooperative and comprehensive transportation planning process carried out in accordance with the metropolitan planning provisions of 23 U.S.C. 134, and 49 U.S.C. Chapter 53 as amended by the Fixing America's Surface Transportation (FAST) Act.

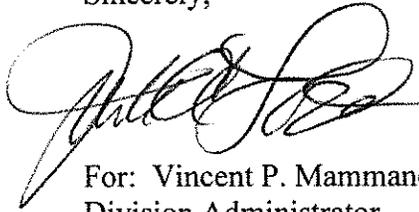
We have determined that this program modification is exempt from the regional emissions analysis requirements pursuant to the transportation conformity provisions found in 40 CFR Part 93. This finding has been coordinated with Region 9 of the Environmental Protection Agency (EPA) in accordance with the procedures outlined in the *National Memorandum of*

Understanding between DOT and EPA on Transportation Conformity, dated April 25, 2000.
Therefore, we find that the FTIP continues to conform to the applicable State Implementation Plan (SIP).

This approval is provided with the understanding that approval of this programming action does not provide a federal eligibility determination for CMAQ projects or any other project funding source included in this amendment.

If you have questions or need additional information concerning our approval for this KCOG FSTIP amendment, please contact Scott Carson (scott.carson@dot.gov) of the FHWA California Division office at (916) 498-5029.

Sincerely,

A handwritten signature in black ink, appearing to read 'Vincent P. Mammano', written in a cursive style.

For: Vincent P. Mammano
Division Administrator
Federal Highway Administration

DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION PROGRAMMING
 1120 N STREET M.S.82
 P. O. BOX 942873
 SACRAMENTO, CA 94273-0001
 PHONE (916) 654-4013
 FAX (916) 654-2738
 TTY (916) 653-4086



*Serious drought
 Help save water!*

July 27, 2016

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

Mr. Leslie T. Rogers
 Regional Administrator
 Federal Transit Administration
 201 Mission Street, Suite 1650
 San Francisco, CA 94105

Attention: Ms. Tashia Clemons

Attention: Mr. Ray Sukys

Dear Ms. Clemons and Mr. Sukys:

The California Department of Transportation (Caltrans) has completed the review of the following amendment to the Kern Council of Governments' (KCOG) 2014/15 - 2017/18 Federal Transportation Improvement Program (FTIP):

<u>No.</u>	<u>Description</u>
20	State and Local Elements <ul style="list-style-type: none"> This amendment adds and modifies grouped and individual projects in Kern County. The projects include funding from the State Highway Operation and Protection Program, Highway Maintenance Program, Section 130/Grade Crossings, Federal Demonstration, and local funds.

See enclosure.

The KCOG Board Resolution adopting this FTIP amendment certifies that it is financially constrained and meets requirements of public involvement procedures adopted by KCOG and all applicable transportation planning requirements per Title 23 Code of Federal Regulations Part 450, and air quality conformity requirements.

Pursuant to the authority delegated to me by the Director of Caltrans, I approve KCOG's Amendment Number 20. I also recommend that the Federal Highway Administration and Federal Transit Administration approve this FTIP amendment for inclusion into California's 2015 Federal Statewide Transportation Improvement Program (FSTIP). Projects included in this FTIP amendment, in fiscal years not within the four-year 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 project for federal funding.

*"Provide a safe, sustainable, integrated and efficient transportation system
 to enhance California's economy and livability"*

Mr. Vincent P. Mammano/Mr. Leslie T. Rogers

July 27, 2016

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Please address any questions on this FSTIP approval request to Dennis Jacobs of my staff at (916) 654-4447.

Sincerely,



BRUCE DE TERRA

Chief

Division of Transportation Programming

Enclosures

- c: Matthew Lakin, EPA Office of Air Planning (w/enclosure)
- Karina O'Connor, EPA Office of Air Planning (w/enclosure)
- Ahron Hakimi, Executive Director, Kern Council of Governments
- Raquel Pacheco, Regional Planner III, Kern Council of Governments



**Kern Council
of Governments**

July 25, 2016

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. 20 to the 2015 Federal Transportation Improvement Program

Dear Mr. De Terra:

Enclosed for your review and approval is Amendment No. 20 to the 2015 Federal Transportation Improvement Program (FTIP). Amendment No. 20 to the 2015 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 22, 2016. A public hearing was held on July 21, 2016. No comments were received. The public participation process for Amendment No. 20 to the 2015 FTIP is consistent with Kern COG Board adopted public participation plan. With this letter, the Kern COG Executive Director approves Amendment No. 20 to the 2015 FTIP. State and federal approval is required.

Included with this letter are two hard copies of Amendment No. 20 to the 2015 FTIP. An electronic copy of the four year financial plan will be sent via email. The Amendment No. 20 to the 2015 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) 861-2191.

Sincerely,

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

AHRON HAKIMI,
EXECUTIVE DIRECTOR

AH/rp

Page 2
2015 FTIP Amend. 20
July 25, 2016

Enclosures

cc:

Muhaned Aljabiry, Caltrans, Div. Of Programs (2 copies)
Gail Miller, Caltrans District 6 (letter)
Jim Perrault, Caltrans District 6 (electronic)
Stephen Tracey, Caltrans District 6 (electronic)
Forest Becket, Caltrans District 9 (electronic)
Scott Carson, FHWA (electronic)
Ted Matley, FTA (electronic)
Hymie Luden, FTA (letter)
Karina O'Connor, US EPA (electronic)
Matthew Lakin, US EPA (electronic)
Cari Anderson, ARB (electronic)
Jessica Schlosser, SJVAPCD (electronic)
Glen Stephens, EKAPCD (electronic)
Executive Directors, Valley COGs (electronic)

ATTACHMENT 1

**Caltrans Summary of Changes
“CTIPS” Printout - Revised Records**

Caltrans Summary of Changes

Amendment Type:
Amendment #:

Formal

20

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	KER130103	IN KERN COUNTY: SEVENTH STANDARD RD FROM EAST OF GALPIN ST TO WEST OF SR43; GRADE SEPARATION & WIDENING PHASE II	Prior Year	FFY 16/17	PE	Demo	N/A	Revise project description; move \$400,000 prior year to FY 16/17
			Prior Year	FFY 16/17	PE	Local	N/A	move \$80,000 prior year to FY 16/17
Existing	KER120202	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM	FFY 17/18	FFY 17/18	CON	SHOPP AC	N/A	Add \$840,000; Add 0U990
New	KER160206	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE (\$1,226,373 toll credits as part of match)	N/A	FFY 16/17	CON	NHS	N/A	Add \$3,231,000
			N/A	FFY 16/17	CON	STP	N/A	Add \$7,461,000
New	KER160601	GROUPED PROJECTS FOR RAILROAD/HIGHWAY CROSSING	N/A	FFY 15/16	CON	Sec. 130	N/A	Add \$1,374,250

LEGEND

Demo	2010 Appropriations Earmark
NHS	National Highway System
Sec. 130	Railway Highway Crossing Local Sec. 130
SHOPP AC	State Highway Operations and Protection Program advanced construction
STP	Surface Transportation Program

ATTACHMENT A - REVISED RECORDS

Kern Council of Governments: Amendment No. 20 to the 2015 Federal Transportation Improvement Program

PROGRAM: State Highway / Regional Choice 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		
				14-15	15-16	16-17	17-18	18-19				19-20	
Regional KER130103 Demo Kern Co.	IN KERN COUNTY: SEVENTH STANDARD RD FROM EAST OF GALPIN ST TO WEST OF SR43; GRADE SEPARATION & WIDENING PHASE II \$480,000 20400000706	PE RW Con Total			\$480,000						RTP Reference: KER08RTP113 Prior Yr Status: --- Future Cost Est: \$14,000,000 Prior Current	\$80,000	\$400,000

ATTACHMENT A - REVISED RECORDS

Kern Council of Governments: Amendment No. 20 to the 2015 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			
				14-15	15-16	16-17	17-18	18-19	19-20				
Various Various KER160206 NHS/STP 1.10 State	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE (\$1,226,373 toll credits \$10,692,000 20400000830	PE RW Con Total			\$10,692,000							RTP Reference: 2014 RTP, Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current	\$10,692,000
Various Various KER120202 SHOPP-A 1.09 State	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM \$36,061,000 20400000695	PE RW Con Total	\$5,224,000	\$3,040,000	\$10,617,000	\$17,180,000						RTP Reference: 2014 RTP, Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current	\$36,061,000

ATTACHMENT A - REVISED RECORDS

Kern Council of Governments: Amendment No. 20 to the 2015 Federal Transportation Improvement Program

PROGRAM: Safety 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		
				14-15	15-16	16-17	17-18	18-19				19-20	
KER160601 Sec. 130 1.01 Various	GROUPED PROJECTS FOR RAILROAD/HIGHWAY CROSSING \$1,374,250 20400000831	PE RW Con Total			\$1,374,250							RTP Reference: 2014 RTP, Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current	
					\$1,374,250							Current	\$1,374,250

ATTACHMENT A - PRIOR RECORDS

Kern Council of Governments: Amendment No. 20 to the 2015 Federal Transportation Improvement Program

PROGRAM: State Highway / Regional Choice 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
				14-15	15-16	16-17	17-18	18-19	19-20			
Regional KER130103 Demo Kern Co.	IN KERN COUNTY: SEVENTH STANDARD RD FROM SR43 TO SANTA FE WAY; GRADE SEPARATION & WIDENING PHASE II \$480,000 20400000706	PE RW Con Total	\$480,000 \$480,000								RTP Reference: KER08RTP113 Prior Yr Status: Environmental in Progress Future Cost Est: \$14,000,000 Prior \$80,000 Current	\$400,000

ATTACHMENT A - PRIOR RECORDS

Kern Council of Governments: Amendment No. 20 to the 2015 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									
				14-15	15-16	16-17	17-18	18-19	19-20	Local	State	Federal	
Various Various KER120202 SHOPP-A 1.09 State	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM \$35,221,000 2040000695	PE RW Con Total	\$5,224,000 \$5,224,000	\$3,040,000 \$3,040,000	\$10,617,000 \$10,617,000	\$16,340,000 \$16,340,000						RTP Reference: 2014 RTP, Page 6-6 Prior Yr Status: --- Future Cost Est: --- Prior Current	\$35,221,000

ATTACHMENT 2

Updated Financial Plan

Updated Grouped Project Listing

TABLE 1: REVENUE

Kern Council of Governments
 2014/15 - 2017/18 Federal Transportation Improvement Program
 Amendment No. 20
 (\$ in 1,000)

Funding Source		4 YEAR (FSTIP Cycle)								
		2014/15		2015/16		2016/17		2017/18		CURRENT TOTAL
		Amendment		Amendment		Amendment		Amendment		
		Prior	Current	Prior	Current	Prior	Current	Prior	Current	
		No. 17	No. 20	No. 17	No. 20	No. 17	No. 20	No. 17	No. 20	
LOCAL	-- Gas Tax (Subventions to Cities)	\$23,989	\$23,989	\$23,352	\$24,931	\$8,301	\$6,722	\$4,572	\$4,572	\$60,214
	-- Street Taxes and Developer Fees	\$59,789	\$59,789	\$91,619	\$91,619	\$1,591	\$1,671	\$214,833	\$214,833	\$367,912
	Local Total	\$83,778	\$83,778	\$114,971	\$116,550	\$9,892	\$8,393	\$219,405	\$219,405	\$428,126
STATE	SHOPP	\$69,806	\$69,806	\$87,968	\$87,968	\$111,438	\$111,438	\$97,002	\$97,842	\$367,054
	State Minor Program	\$2,874	\$2,874	\$4,145	\$4,145					\$7,019
	STIP	\$20,291	\$20,291	\$3,549	\$3,549	\$43,997	\$43,997	\$33,300	\$33,300	\$101,137
	Proposition 1 B					\$10	\$10	\$76	\$76	\$87
	Highway Maintenance (HM)	\$5,796	\$5,796	\$5,430	\$5,430		\$10,692			\$21,918
	Traffic Congestion Relief Program (TCRP)			\$138	\$138	\$1,491	\$1,491			\$1,629
	Active Transportation Program	\$1,388	\$1,388	\$6,772	\$6,772	\$3,924	\$3,924	\$2,542	\$2,542	\$14,626
	State Total	\$100,155	\$100,155	\$108,002	\$108,002	\$160,860	\$171,552	\$132,920	\$133,760	\$513,469
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants	\$12,237	\$12,237	\$12,568	\$16,005	\$7,343	\$1,025	\$6,066	\$6,066	\$35,334
	5310 - Mobility of Seniors and Individuals with Disabilities	\$1,001	\$1,001							\$1,001
	5311 - Formula Grants for Rural Areas	\$1,470	\$1,470	\$1,396	\$1,396					\$2,866
	5339 - Bus and Bus Facilities Formula Grants			\$497	\$3,377	\$94	\$94			\$3,470
	Federal Transit Total	\$14,708	\$14,708	\$14,460	\$20,777	\$7,436	\$1,119	\$6,066	\$6,066	\$42,671
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$9,901	\$9,901	\$9,901	\$9,901	\$9,854	\$9,854	\$10,045	\$10,045	\$39,701
	Corridor Infrastructure Improvement Program	\$33,961	\$33,961	\$67,649	\$67,649					\$101,610
	High Priority Projects (HPP) and Demo			\$4,492	\$4,492	\$22,362	\$22,762			\$27,254
	Highway Bridge Program (HBP)	\$1,032	\$1,032	\$575	\$575	\$132	\$132			\$1,739
	Highway Safety Improvement Program (HSIP)	\$592	\$592	\$1,047	\$1,047	\$4,029	\$4,029	\$1,082	\$1,082	\$6,750
	Projects of National/Regional Significance	\$81,039	\$81,039	\$8,708	\$8,708	\$6,364	\$6,364			\$96,112
	Railway Highway Crossings				\$1,374					\$1,374
	Recreational Trails			\$1,995	\$1,995					\$1,995
	Safe Routes to School (SRTS)	\$1,492	\$1,492	\$583	\$583					\$2,075
	Surface Transportation Program (RSTP)	\$10,365	\$10,365	\$10,365	\$10,365	\$10,365	\$11,085	\$10,365	\$11,518	\$43,333
	Other (see Appendix 5)	\$377	\$377							\$377
	Federal Highway Total	\$138,760	\$138,760	\$105,317	\$106,691	\$53,106	\$54,226	\$21,491	\$22,644	\$322,320
	Federal Total	\$153,468	\$153,468	\$119,777	\$127,468	\$60,542	\$55,345	\$27,558	\$28,711	\$364,991
REVENUE TOTAL		\$337,400	\$337,400	\$342,749	\$352,020	\$231,295	\$235,290	\$379,883	\$381,876	\$1,306,586

MPO Financial Summary Notes:

1. STIP includes IIP and other County RIP for projects that are jointly funded by Caltrans, Inyo County, and Mono County.

2. STIP includes STIP-AC for projects previously funded with TE.

This financial plan includes 2015 FTIP Amendment No. 19 and 20.

TABLE 1: REVENUE - APPENDICES

LG: 10/1/2014

Kern Council of Governments
 2014/15 - 2017/18 Federal Transportation Improvement Program
 Amendment No. 20
 (\$ in 1,000)

Appendix 5 - Federal Highway Other

Federal Highway Other	2014/15		2015/16		2016/17		2017/18		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Transportation & Community & System Preservation Program	\$377	\$377							\$377
Federal Highway Other Total	\$377	\$377							\$377

TABLE 2: PROGRAMMED

Kern Council of Governments
2014/15 - 2017/18 Federal Transportation Improvement Program
Amendment No. 20
(\$ in 1,000)

Funding Source		NOTES	4 YEAR (FSTIP Cycle)								CURRENT TOTAL
			2014/15		2015/16		2016/17		2017/18		
			Amendment		Amendment		Amendment		Amendment		
			Prior	Current	Prior	Current	Prior	Current	Prior	Current	
			No. 17	No. 20	No. 17	No. 20	No. 17	No. 20	No. 17	No. 20	
LOCAL	Local Total		\$83,778	\$83,778	\$114,971	\$116,550	\$9,892	\$8,393	\$219,405	\$219,405	\$428,126
STATE	SHOPP		\$69,806	\$69,806	\$87,968	\$87,968	\$111,438	\$111,438	\$97,002	\$97,842	\$367,054
	State Minor Program		\$2,874	\$2,874	\$4,145	\$4,145					\$7,019
	STIP	1,2	\$20,291	\$20,291	\$3,549	\$3,549	\$43,997	\$43,997	\$33,300	\$33,300	\$101,137
	Proposition 1 B						\$10	\$10	\$76	\$76	\$87
	Highway Maintenance (HM)		\$5,796	\$5,796	\$5,430	\$5,430		\$10,692			\$21,918
	Traffic Congestion Relief Program (TCRP)				\$138	\$138	\$1,491	\$1,491			\$1,629
	Active Transportation Program		\$1,388	\$1,388	\$6,772	\$6,772	\$3,924	\$3,924	\$2,542	\$2,542	\$14,626
	State Total		\$100,155	\$100,155	\$108,002	\$108,002	\$160,860	\$171,552	\$132,920	\$133,760	\$513,469
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants		\$12,237	\$12,237	\$12,568	\$16,005	\$7,343	\$1,025	\$6,066	\$6,066	\$35,334
	5310 - Mobility of Seniors and Individuals with Disabilities		\$1,001	\$1,001							\$1,001
	5311 - Formula Grants for Rural Areas		\$1,470	\$1,470	\$1,396	\$1,396					\$2,866
	5339 - Bus and Bus Facilities Formula Grants				\$497	\$3,377	\$94	\$94			\$3,470
		Federal Transit Total		\$14,708	\$14,708	\$14,460	\$20,777	\$7,436	\$1,119	\$6,066	\$6,066
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program		\$9,901	\$9,901	\$8,987	\$8,987	\$9,854	\$9,854	\$9,845	\$9,845	\$38,588
	Corridor Infrastructure Improvement Program		\$33,961	\$33,961	\$67,649	\$67,649					\$101,610
	High Priority Projects (HPP) and Demo				\$4,492	\$4,492	\$22,362	\$22,762			\$27,254
	Highway Bridge Program (HBP)		\$1,032	\$1,032	\$575	\$575	\$132	\$132			\$1,739
	Highway Safety Improvement Program (HSIP)		\$592	\$592	\$1,047	\$1,047	\$4,029	\$4,029	\$1,082	\$1,082	\$6,750
	Projects of National/Regional Significance		\$81,039	\$81,039	\$8,708	\$8,708	\$6,364	\$6,364			\$96,112
	Railway Highway Crossings					\$1,374					\$1,374
	Recreational Trails				\$1,995	\$1,995					\$1,995
	Safe Routes to School (SRTS)		\$1,492	\$1,492	\$583	\$583					\$2,075
	Surface Transportation Program (RSTP)		\$9,252	\$9,252	\$10,365	\$10,365	\$10,365	\$10,365	\$10,365	\$10,365	\$40,347
	Other (see Appendix D)		\$377	\$377							\$377
		Federal Highway Total		\$137,646	\$137,646	\$104,403	\$105,777	\$53,106	\$53,506	\$21,292	\$21,292
	Federal Total		\$152,354	\$152,354	\$118,863	\$126,554	\$60,542	\$54,625	\$27,358	\$27,358	\$360,892
PROGRAMMED TOTAL			\$336,287	\$336,287	\$341,835	\$351,106	\$231,295	\$234,570	\$379,683	\$380,523	\$1,302,487

MPO Financial Summary Notes:

1. STIP includes IIP and other County RIP for projects that are jointly funded by Caltrans, Inyo County, and Mono County.
2. STIP includes STIP-AC for projects previously funded with TE.

This financial plan includes 2015 FTIP Amendment No. 19 and 20.

TABLE 2: PROGRAMMED - APPENDICES

LG: 10/1/2014

Kern Council of Governments
 2014/15 - 2017/18 Federal Transportation Improvement Program
 Amendment No. 20
 (\$ in 1,000)

Appendix D - Federal Highway Other

Federal Highway Other	2014/15		2015/16		2016/17		2017/18		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Transportation & Community & System Preservation Program	\$377	\$377							\$377
Federal Highway Other Total	\$377	\$377							\$377

TABLE 3: REVENUE-PROGRAMMED

Kern Council of Governments
 2014/15 - 2017/18 Federal Transportation Improvement Program
 Amendment No. 20
 (\$ in 1,000)

Funding Source		4 YEAR (FSTIP Cycle)								CURRENT TOTAL
		2014/15		2015/16		2016/17		2017/18		
		Amendment		Amendment		Amendment		Amendment		
		Prior No. 17	Current No. 20	Prior No. 17	Current No. 20	Prior No. 17	Current No. 20	Prior No. 17	Current No. 20	
LOCAL	Local Total									
	STATE									
	SHOPP									
	State Minor Program									
	STIP									
	Proposition 1 B									
	Highway Maintenance (HM)									
	Traffic Congestion Relief Program (TCRP)									
	Active Transportation Program									
	State Total									
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants									
	5310 - 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			\$914	\$914			\$199	\$199	\$1,113
	Corridor Infrastructure Improvement Program									
	High Priority Projects (HPP) and Demo									
	Highway Bridge Program (HBP)									
	Highway Safety Improvement Program (HSIP)									
	Projects of National/Regional Significance									
	Railway Highway Crossings									
	Recreational Trails									
	Safe Routes to School (SRTS)									
	Surface Transportation Program (RSTP)	\$1,113	\$1,113				\$720		\$1,153	\$2,986
	Other									
	Federal Highway Total	\$1,113	\$1,113	\$914	\$914		\$720	\$199	\$1,352	\$4,099
	Federal Total	\$1,113	\$1,113	\$914	\$914		\$720	\$199	\$1,352	\$4,099
REVENUE - PROGRAM TOTAL		\$1,113	\$1,113	\$914	\$914		\$720	\$199	\$1,352	\$4,099

2015 Federal Transportation Improvement Program

Grouped Project Listings

Kern Council of Governments

Includes:

State Highway Operations and Protection Program (SHOPP) - dated 7/5/16

Highway Maintenance

Local Section 130/Grade Crossings (Sec. 130)

Note: Listing is available on the Kern COG website at

<http://www.kerncog.org/federal-transportation-improvement-program>

Kern Council of Governments
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2014

	TOTAL	PRIOR	14/15	15/16	16/17	17/18	18/19	PE	RW	CON
SHOPP - Bridge Preservation										
Bridge - State (HBRR)	\$72654		\$15,282	\$37,900		\$19,472		\$10,192	\$2,392	\$60,070
TOTAL	\$72654		\$15,282	\$37,900		\$19,472		\$10,192	\$2,392	\$60,070
SHOPP - Collision Reduction										
National Hwy System	\$7643		\$3,063		\$4,580			\$2,097	\$26	\$5,520
Surface Transportation Program	\$27058		\$2,161	\$3,040	\$5,517	\$16,340		\$7,041	\$4,248	\$15,769
TOTAL	\$34701		\$5,224	\$3,040	\$10,097	\$16,340		\$9,138	\$4,274	\$21,289
SHOPP - Emergency Response										
National Hwy System	\$39782		\$2,877	\$9,215	\$27,690			\$3,038	\$1,131	\$35,613
TOTAL	\$39782		\$2,877	\$9,215	\$27,690			\$3,038	\$1,131	\$35,613
SHOPP - Mandates										
National Hwy System	\$11197			\$11,197				\$2,404	\$1,087	\$7,706
TOTAL	\$11197			\$11,197				\$2,404	\$1,087	\$7,706
SHOPP - Mobility										
National Hwy System	\$6,921		\$6,921							\$6,921
TOTAL	\$6,921		\$6,921							\$6,921
SHOPP - Roadway Preservation										
National Hwy System	\$189913		\$39,502	\$26,616	\$63,605	\$60,190		\$16,045	\$284	\$173,584
TOTAL	\$189913		\$39,502	\$26,616	\$63,605	\$60,190		\$16,045	\$284	\$173,584
MPO TOTAL	\$355,168		\$69,806	\$87,968	\$101,392	\$96,002		\$40,817	\$9,168	\$305,183

Additional Preliminary Engineering in FY 16/17

SHOPP - Bridge Preservation \$4595
 SHOPP - Collision Reduction \$520
 SHOPP - Roadway Preservation \$4690

Source: 2016 SHOPP email dated 3/30/16

Additional Project in FY 16/17 KER160201

SHOPP - Roadside Preservation \$241

Source: 2016 SHOPP email dated 3/30/16

Additional Preliminary Engineering in FY 17/18

SHOPP - Collision Reduction \$840

Source: 2016 SHOPP email dated 7/5/16

Kern Council of Governments KER120201
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2014

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Bridge Preservation									
	10400000354	KER	06	0M260	58	Near Tehachapi, at Sand Canyon Road Undercrossing (Bridge No. 50-0345R). Replace bridge.	752	8	3,730
	10400000360	KER	06	0N960	204	In Bakersfield, on Route 204 at various bridges from north of Route 178 to south of Route 99. Overlay deck, replace joint seals, and paint.	773	7	10,012
	10400000353	KER	06	0K810	99	In Bakersfield, at Airport Drive Bridge No. 50-0266; also on Route 178 at Golden State Avenue Bridge No. 50-0326. Bridge seismic restoration.	1,594	65	8,480
	10400000377	KER	06	0Q180	58	In Tehachapi, at the Summit Overhead Bridge No. 50-343L/R. Upgrade bridge rail	711	27	2,105
	10400000378	KER	06	0Q190	58	Near Tehachapi, at Cache Creek Bridge No.50-346L/R. Replace Bridge.	2,741	120	13,768
	10400000352	KER	06	0K460	46	Near Wasco, at Route 99 Separation Bridge No. 50-0184E (Also Route 99 PM 43.9/44.6). Replace bridge and realign southbound ramps.	3,621	2,165	21,975
SHOPP - Bridge Preservation Total:							10,192	2,392	60,070

Kern Council of Governments KER120202
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2014

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Collision Reduction									
	10400000359	KER	06	0E340	99	In Bakersfield at various locations, from 0.1 mile north Planz Road to 0.1 mile north of California Avenue. Improve freeway maintenance worker access.	587	6	2,470
	10400000387	KER	06	0S650	5	Near Bakersfield, from Buena Vista Canal Road to Route 43. Install median high tension cable barrier.	700	30	2,310
	10400000374	KER	06	0Q620	5	Near Buttonwillow, at the northbound and southbound Buttonwillow safety roadside rest areas. Upgrade water and waste water systems.	1,510	20	3,050
	10400000367	KER	06	0P290	155	Near Delano, at Browning Road. Construct a roundabout.	1,113	1,442	2,962
	10400000375	KER	06	0P900	43	Near Bakersfield, at the intersection of Routes 43 and 119. Intersection improvement.	2,671	2,040	5,050
	10400000388	KER	06	0S510	223	In and Near Arvin, at Derby Street. Install traffic signals.	893	419	1,291
	10400000389	KER	06	0S450	99	Near Bakersfield, from Belle Terrace to Minkler Underpass Bridge No. 50-049. Repaint lane lines and add lighting at Interchanges.	970	221	2,785
	10400000372	KER	06	0R020	58	In Bakersfield, west of the southern junction of Routes 58/99. Add high friction surface treatment and install guardrail.	207	4	401
	10400000366	KER	06	0N560	58	In Tehachapi, at Tehachapi Summit Interchange. Widen intersection.	487	92	970
SHOPP - Collision Reduction Total:							9,138	4,274	21,289

Kern Council of Governments KER150201
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2014

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Emergency Response									
	10400000392	KER	06	0T410	VAR	In Kern, Tulare and Kings Counties on Route 5, 58, 99, 178, 65, 190, and 198 at various locations. Upgrade irrigation system.	10	0	2,867
	10400000398	KER	06	0U900	5	Near Lebec, from 5.6 miles north of the Los Angeles County line to 7.3 miles south of Route 99. Clear mudslide.	30	0	560
	10400000397	KER	06	0U910	58	Near Tehachapi, from 9.3 east of Route 202 to 5.8 miles west of Route 14. Clear mudslide.	40	0	2,100
	10400000396	KER	06	0U600	99	In and near Bakersfield, McFarland and Delano, from Panama Lane to Avenue O at various locations; also on Route 178, from Route 204 to Oswell Street (PM R2.0/R5.9) at various locations. Drought conservation	50	0	3,100
	10400000391	KER	06	0S610	VAR	In Kern, Kings, and Fresno counties at various locations on Routes 5, 46, 58, 99, 178, and 204. Repair traffic operation and irrigation systems.	2,798	1,131	23,761
	10400000400	KER	06	0V040	5	Near Kettleman City, from 9.9 miles north of Route 46 to 7.6 miles south of Route 41 (also in Kings County on Route 5 from PM 0.0 to 9.0). Repair accelerated pavement failures.	40	0	2,125
	10400000399	KER	06	0V030	99	Near Bakersfield, at Sandrini Road Overcrossing No. 50-0221. Repair bridge high load hit.	70	0	1,100
SHOPP - Emergency Response Total:							3,038	1,131	35,613

Kern Council of Governments KER120204
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2014

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Mandates									
	10400000361	KER	06	0P270	43	In the cities of Shafter and Wasco, at various intersections. Construct pedestrian curb ramps.	750	665	1,606
	10400000382	KER	06	0H642	99	In Kern County, at Kern Avenue Pedestrian Overcrossing. Upgrade pedestrian Overcrossing to provide Americans with Disabilities Act compliance.	1,654	422	6,100
SHOPP - Mandates Total:							2,404	1,087	7,706

Kern Council of Governments KER140203
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2014

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Mobility									
	10400000381	KER	06	42471	119	Near Dustin Acres, from Elk Hills Road to Tupman Road. Construct truck climbing lanes and widen shoulders.	0	0	6,921
SHOPP - Mobility Total:							0	0	6,921

Kern Council of Governments KER120205
SHOPP Lump Sum by Category and Fund Type
Dollars x \$1000

2014

MPO_ID	CTIPS ID	CO	Dist	EA	Route	DESCRIPTION	PE	RW	CON
SHOPP - Roadway Preservation									
	10400000376	KER	06	0G851	58	In Bakersfield from 58/99 Separation to Cottonwood Road. Rehabilitate roadway.	1,771	65	24,780
	10400000386	KER	06	0S750	VAR	In Kern County on Routes 5, 58, 99 and 178 at various locations. Upgrade highway signs and lighting.	494	13	3,693
	10400000384	KER	06	0S280	58	Near Boron, from west of West Boron Overcrossing to the San Bernardino County line. Rehabilitate pavement.	520	11	5,175
	10400000385	KER	06	0S270	395	Near Johannesburg, from the San Bernardino County line to Route 178. Rehabilitate pavement.	519	13	8,400
	10400000383	KER	06	0R150	58	Near Bakersfield, between Tehachapi Creek Bridge and Cache Creek Bridge. Rehabilitate pavement.	1,058	11	19,595
	10400000395	KER	06	0S470	58	Near Bakersfield, from Cottonwood Road to 0.3 mile east of Routes 58/184 Separation. Pavement Rehabilitation.	2,533	58	32,041
	10400000390	KER	06	0R140	99	Near Bakersfield, from north of Herring Road to Pacheco Road (Truck lane-southbound only). Rehabilitate pavement.	2,150	23	26,800
	10400000379	KER	06	0Q280	99	In and near Bakersfield, from Palm Street to Beardsley Canal. Rehabilitate roadway.	7,000	90	53,100
SHOPP - Roadway Preservation Total:							16,045	284	173,584

SHOPP - Bridge Preservation - continued
KER120201
Preliminary Engineering (in thousands)

EFIS	CO	Dist	EA	Route	Description	PE
0614000010	KER	6	0Q920	99	In Bakersfield, at Panama Lane Overcrossing and White Lane Overcrossing. Lower highway profile below Overcrossings to accommodate clearance requirement for permit vehicles.	1900
0615000047	KER	6	0S050	166	Near Mettler, at California Aqueduct Bridge No. 50-0323. Bridge rehabilitation	2695

SHOPP - Collision Reduction - continued
KER120202
Preliminary Engineering (in thousands)

EFIS	CO	Dist	EA	Route	Description	PE
0613000037	KER	6	0E320	178	In Bakersfield, from M Street to east of Fairfax Road at various locations. Roadside safety improvements.	520
0616000084	KER	6	0U990	65	Near Bakersfield, from Imperial Street to County Line Road. Construct center line and shoulder rumble strips.	840

SHOPP - Roadway Preservation - continued
KER120205
Preliminary Engineering (in thousands)

EFIS	CO	Dist	EA	Route	Description	PE
0613000243	KER	6	0Q820	5	Near Lebel, from north Lebec Road to south of Grapevine Road. Rehabilitate drainage systems	1045
0615000211	KER	6	0U100	5	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
0615000035	KER	6	0T200	99	In and near Bakersfield, from Route 5 to Panama Lane. Roadway rehabilitation	2760

SHOPP - Roadside Preservation

KER160201

Preliminary Engineering (in thousands)

EFIS	CO	Dist	EA	Route	Description	PE
0615000052	KER	6	0T280	178	In Bakersfield, from Planz Road to north of California Avenue. Upgrade irrigation system to improve water efficiency.	241

7/5/2016

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

District	Agency	EA5	Project ID #	MPO	* Project Location	Project Description	Total Project Cost	Other/ Local Funds	Funds to be Programmed for PE Support Costs	Funds to be Programmed in R/W Support costs	Funds to be Programmed in Construction Support	Latest Estimated Construction Capital Value in Contract	FTIP Program Year	National Highway System (Y/N)	Fund Source	County	Route	Back Post Mile	Ahead Post Mile
06	Caltrans	06-0T7901	0615000230	KCOG	In Kern Co on Rte 41 from Kern/SLO Co Line to the Kings/Kern Co Line and from Utica Ave to Jct 41/5.	Maintenance Asphalt Overlay	\$3,231,000		\$200,000	\$1,000	\$200,000	\$1,420,000	2016/17	Y	NHS	Ker	41	0.0	4.9
06	Caltrans	06-0T8101	0615000232	KCOG	In Kern Co from 0.5 mi North of Jct 33/46 to the Kern/Kings Co Line and In Kings Co from Kings/Kern Co Line to the Kings/Fresno Co Line and in Fresno Co from Fresno/Kings Co Line to 0.3 mi South of Jacalito Cr.	Maintenance Seal Coat	\$3,813,000		\$178,000	\$1,000	\$184,000	\$1,010,000	2016/17	N	STP	Ker	33	60.7	73
06	Caltrans	06-0V5301	0616000170	KCOG	In Kern Co on Rte 43 from Jct 43/58 West to Santa Fe Way and on Rte 58 from Leslie Ln to Jct 58/5.	Maintenance Asphalt Overlay	\$3,648,000		\$170,000	\$1,000	\$177,000	\$2,160,000	2016/17	N	STP	Ker	43	9.2	16.1
											\$1,140,000	2016/17	N	STP	Ker	58	28.2	31.4	

**Kern Council of Governments
Caltrans Managed non-SHOPP Program Detail**

**Grouping Category: Local Section 130/Grade Crossings
Grouped Projects for Railroad/Highway Crossing**

PIN	Implementing Agency	CT ID (USDOT RR Xing No.)	Project Title	Project Description	Program Year (FFY)	Federal Funds	State/Local Funds	Total Project Cost
KER160601	California Department of Transportation, Division of Rail and Mass Transportation/County of Kern	030024V	Railway Crossing Local Sec 130	In the County of Kern at the intersection of Houghton Road and San Joaquin Valley Railroad tracks; Eliminate hazards at railroad grade crossing at intersection of Houghton Road and San Joaquin Valley Railroad	15/16	\$531,250	\$0	\$531,250
	California Department of Transportation, Division of Rail and Mass Transportation/County of Kern	030026J		In the County of Kern at the intersection of Shafter Road and San Joaquin Valley Railroad tracks; Eliminate hazards at railroad grade crossing at intersection of Shafter Road and San Joaquin Valley Railroad	15/16	\$843,000	\$0	\$843,000