



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

**California Division**

February 22, 2017

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:    Kern Council of Governments (KCOG) FY 2017 FTIP Amendment # 1

Dear Mr. De Terra:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed the review of Amendment # 1 to the Kern County Association of Governments (KCOG) FY 2017 Transportation Improvement Program (FTIP) that was submitted by your letter dated January 26, 2017. KCOG adopted Amendment # 1 on January 23, 2017. This amendment to KCOG's FTIP:

- Adds and modifies grouped and individual projects in the KCOG region. Funding sources include the Highway Bridge Program, State Highway Operation and Protection Program, Minor Program, Highway Safety Improvement Program, Section 130/Grade Crossings, FTA Section 5339 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 FY 2017 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 # 1, 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 Public Law 114-94, the Fixing America's Surface Transportation Act (FAST).

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 the FTA funding approval on the individual projects contained in the FSTIP are subject to grantees meeting all necessary FTA administrative requirements, and 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](mailto:scott.carson@dot.gov)) of the FHWA California Division office at (916) 498-5029 or Jerome Wiggins ([jerome.wiggins@dot.gov](mailto:jerome.wiggins@dot.gov)) of the FTA Region 9 office at (415)-734-9475.

Thank you,

*/s/ Leslie T. Rogers*

Leslie T. Rogers  
Regional Administrator  
Federal Transit Administration



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!*

January 26, 2017

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) 2016/17 - 2019/20 Federal Transportation Improvement Program (FTIP):

| <u>No.</u> | <u>Description</u>  |
|------------|---|
| 1          | <p><b>State, Transit and Local Transportation Systems</b></p> <ul style="list-style-type: none"> <li>This amendment adds and modifies grouped and individual projects in Kern County. The projects include funding from the Highway Bridge Program, State Highway Operation and Protection Program, Minor Program, Highway Safety Improvement Program, Section 130/Grade Crossings, Federal Transit Administration (FTA) Section 5339 and local funds.</li> </ul> |

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 1. I also recommend that the Federal Highway Administration and Federal Transit Administration approve this FTIP amendment for inclusion into California's 2017 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  
January 26, 2017  
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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**

January 23, 2017

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. 1 to the 2017 Federal Transportation Improvement Program**

Dear Mr. De Terra:

Enclosed for your review and approval is Amendment No. 1 to the 2017 Federal Transportation Improvement Program (FTIP). Amendment No. 1 to the 2017 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 January 20, 2017. A public hearing was held on January 19, 2017. No comments were received at the hearing. The public participation process for Amendment No. 1 to the 2017 FTIP is consistent with Kern COG Board adopted public participation plan. With this letter, the Kern COG Executive Director approves Amendment No. 1 to the 2017 FTIP. State and federal approval is required.

Included with this letter are two hard copies of Amendment No. 1 to the 2017 FTIP. An electronic copy of the four year financial plan will be sent via email. The Amendment No. 1 to the 2017 FTIP is available online on Kern COG's website at [www.kerncog.org](http://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 that reads "Ahron Hakimi".

AHRON HAKIMI,  
EXECUTIVE DIRECTOR

AH/rp

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2017 FTIP Amend. 1  
January 23, 2017

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)  
Jerome Wiggins, FTA (letter)  
Karina O'Connor, 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

1

| 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                | KER160202       | GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM   | N/A                        | FFY 16/17            | CON   | SHOPP AC    | 65%                      | Add \$27,918,000; Add 0K460        |
| Existing                | KER160203       | GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM  | FFY 16/17                  | FFY 16/17            | CON   | SHOPP AC    | 1%                       | Add \$78,000                       |
|                         |                 |   | FFY 17/18                  | FFY 17/18            | CON   | SHOPP AC    | 7%                       | Add \$2,170,000; Add 0V300         |
|                         |                 |   | N/A                        | FFY 19/20            | CON   | SHOPP AC    | 26%                      | Add \$8,450,000; Add 0V280         |
| Existing                | KER160204       | GROUPED PROJECTS FOR EMERGENCY REPAIR - SHOPP EMERGENCY RESPONSE PROGRAM  | FFY 16/17                  | FFY 16/17            | CON   | SHOPP AC    | 19%                      | Add \$5,225,000; Add 0V690         |
| Existing                | KER160205       | GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM                        | N/A                        | FFY 17/18            | CON   | SHOPP AC    | 31%                      | Add \$33,706,000; Add 0G851, 0Q280 |
|                         |                 |   | FFY 18/19                  | FFY 18/19            | CON   | SHOPP AC    | 1%                       | Add \$989,000; Add 0U100           |
|                         |                 |   | N/A                        | FFY 20/21            | CON   | SHOPP AC    | 61%                      | Add \$66,450,000                   |
| New                     | KER160207       | GROUPED PROJECTS FOR SAFETY IMPROVEMENTS, SHOULDER IMPROVEMENTS, PAVEMENT RESURFACING AND/OR REHABILITATION - MINOR PROGRAM | N/A                        | FFY 16/17            | CON   | SHOPP AC    | N/A                      | Add \$6,781,000; Add 0R190, 0S620  |



### 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            |
|-------------------------|-----------------|--|----------------------------|----------------------|-------|------------------|---------------------------|----------------------------------|
| Existing                | KER060601       | GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - HIGHWAY BRIDGE PROGRAM (HBP). NON-CAPACITY PROJECTS ONLY. (40 CFR TABLES 2&3) (INCLUDES SEISMIC RETROFIT)                  | Prior Year                 | N/A                  | CON   | HBP              | N/A                       | Delete \$443,897                 |
|                         |                 |  | Prior Year                 | N/A                  | CON   | Local            | N/A                       | Delete \$57,512                  |
|                         |                 |  | FFY 16/17                  | N/A                  | CON   | HBP              | N/A                       | Delete \$43,018                  |
|                         |                 |  | FFY 16/17                  | N/A                  | CON   | Local            | N/A                       | Delete \$5,573                   |
|                         |                 |  | N/A                        | FFY 19/20            | CON   | HBP              | N/A                       | Add \$486,915                    |
|                         |                 |  | N/A                        | FFY 19/20            | CON   | Local            | N/A                       | Add \$63,085                     |
| Existing                | KER140601       | GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP). NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES 2&3) (\$410,840 toll credits as part of match) | Prior Year                 | N/A                  | CON   | HSIP             | 26%                       | Delete \$2,016,004               |
|                         |                 |  | Prior Year                 | N/A                  | CON   | Local            | 2%                        | Delete \$117,662                 |
|                         |                 |  | FFY 16/17                  | N/A                  | CON   | HSIP             | 28%                       | Delete \$2,190,600               |
|                         |                 |  | N/A                        | FFY 18/19            | CON   | HSIP             | 43%                       | Add \$3,407,760                  |
|                         |                 |  | N/A                        | FFY 18/19            | CON   | Local            | 3%                        | Add \$250,240                    |
| Existing                | KER160601       | GROUPED PROJECTS FOR RAILROAD/HIGHWAY CROSSING   | N/A                        | FFY 16/17            | CON   | Sec. 130         | 58%                       | Add \$797,813; Add 750995V       |
| Existing                | KER160505       | IN BAKERSFIELD: CNG SCHOOL BUS REPLACEMENT   | FFY 16/17                  | FFY 17/18            | CON   | CMAQ             | N/A                       | Move \$462,500                   |
|                         |                 |  | FFY 16/17                  | FFY 17/18            | CON   | Local            | N/A                       | Move \$462,500                   |
| Existing                | KER150812       | IN DELANO: PURCHASE OF THREE REPLACEMENT GAS DIAL-A-RIDE VANS  | FFY 16/17                  | N/A                  | CON   | FTA Section 5339 | N/A                       | Delete \$140,250; delete project |
|                         |                 |  | FFY 16/17                  | N/A                  | CON   | Local            | N/A                       | Delete \$24,750                  |
| New                     | KER160803       | IN DELANO: PURCHASE OF 28 BUS SHELTERS AND BENCHES WITH SOLAR LIGHTING   | N/A                        | FFY 16/17            | CON   | FTA Section 5339 | N/A                       | Add \$140,250                    |
|                         |                 |  | N/A                        | FFY 16/17            | CON   | Local            | N/A                       | Add \$24,750                     |

**Caltrans Summary of Changes**

| <b>Existing or New Project</b> | <b>MPO FTIP/RTP ID</b> | <b>PROJECT TITLE</b>   | <b>FFY of Current Programming</b> | <b>FFY to be Programmed</b> | <b>Phase</b> | <b>Fund Source</b> | <b>% Cost Increase/Decrease</b> | <b>DESCRIPTION OF CHANGE</b> |
|--------------------------------|------------------------|--|-----------------------------------|-----------------------------|--------------|--------------------|---------------------------------|------------------------------|
| New                            | KER161004              | DELANO ATP3 SRTS: SIDEWALK GAP CLOSURE                           | N/A                               | FFY 19/20                   | PE           | ATP                | N/A                             | Add \$71,000                 |
|                                |                        |  | N/A                               | FFY 19/20                   | PE           | Local              | N/A                             | Add \$9,000                  |
|                                |                        |  | N/A                               | FFY 19/20                   | CON          | ATP                | N/A                             | Add \$466,000                |
|                                |                        |  | N/A                               | FFY 19/20                   | CON          | Local              | N/A                             | Add \$63,000                 |
| New                            | KER161005              | DELANO ATP3 SRTS: INTERSECTION ENHANCEMENT AND EDUCATION PROJECT | N/A                               | FFY 19/20                   | PE           | ATP                | N/A                             | Add \$26,000                 |
|                                |                        |  | N/A                               | FFY 19/20                   | PE           | Local              | N/A                             | Add \$4,000                  |
|                                |                        |  | N/A                               | FFY 19/20                   | CON          | ATP                | N/A                             | Add \$563,000                |
|                                |                        |  | N/A                               | FFY 19/20                   | CON          | Local              | N/A                             | Add \$76,000                 |
| New                            | KER161006              | BORON/DESERT LAKE PEDESTRIAN PATH                                | N/A                               | FFY 19/20                   | PE           | ATP                | N/A                             | Add \$85,000                 |
|                                |                        |  | N/A                               | FFY 19/20                   | PE           | Local              | N/A                             | Add \$15,000                 |
|                                |                        |  | N/A                               | FFY 20/21                   | PE           | ATP                | N/A                             | Add \$255,000                |
|                                |                        |  | N/A                               | FFY 20/21                   | PE           | Local              | N/A                             | Add \$45,000                 |
|                                |                        |  | N/A                               | FFY 20/21                   | RW           | ATP                | N/A                             | Add \$51,000                 |
|                                |                        |  | N/A                               | FFY 20/21                   | RW           | Local              | N/A                             | Add \$9,000                  |
|                                |                        |  | N/A                               | FFY 20/21                   | CON          | ATP                | N/A                             | Add \$1,580,000              |
|                                |                        |  | N/A                               | FFY 21/22                   | CON          | Local              | N/A                             | Add \$279,000                |
| New                            | KER161007              | REXLAND ACRES COMMUNITY SIDEWALK PROJECT                         | N/A                               | FFY 19/20                   | PE           | ATP                | N/A                             | Add \$795,000                |
|                                |                        |  | N/A                               | FFY 19/20                   | PE           | Local              | N/A                             | Add \$105,000                |
|                                |                        |  | N/A                               | FFY 19/20                   | RW           | ATP                | N/A                             | Add \$309,000                |
|                                |                        |  | N/A                               | FFY 19/20                   | RW           | Local              | N/A                             | Add \$41,000                 |
|                                |                        |  | N/A                               | FFY 20/21                   | CON          | ATP                | N/A                             | Add \$4,536,000              |
|                                |                        |  | N/A                               | FFY 20/21                   | CON          | Local              | N/A                             | Add \$590,000                |
| New                            | KER161008              | ROSAMOND BOULEVARD PEDESTRIAN PATH PROJECT                       | N/A                               | FFY 19/20                   | PE           | ATP                | N/A                             | Add \$123,000                |
|                                |                        |  | N/A                               | FFY 19/20                   | PE           | Local              | N/A                             | Add \$17,000                 |
|                                |                        |  | N/A                               | FFY 19/20                   | RW           | ATP                | N/A                             | Add \$156,000                |
|                                |                        |  | N/A                               | FFY 19/20                   | RW           | Local              | N/A                             | Add \$21,000                 |
|                                |                        |  | N/A                               | FFY 20/21                   | CON          | ATP                | N/A                             | Add \$601,000                |
|                                |                        |  | N/A                               | FFY 20/21                   | CON          | Local              | N/A                             | Add \$79,000                 |

## Caltrans Summary of Changes

| Existing<br>or New<br>Project | MPO<br>FTIP/RTP ID | PROJECT TITLE | FFY of Current<br>Programming | FFY to be<br>Programmed | Phase | Fund Source | % Cost<br>Increase/<br>Decrease | DESCRIPTION OF CHANGE |
|-------------------------------|--------------------|---------------|-------------------------------|-------------------------|-------|-------------|---------------------------------|-----------------------|
|-------------------------------|--------------------|---------------|-------------------------------|-------------------------|-------|-------------|---------------------------------|-----------------------|

**LEGEND**

|                  |   |
|------------------|---|
| ATP              | Active Transportation Program   |
| CMAQ             | Congestion Mitigation Air Quality Program                             |
| FTA Section 5339 | Federal Transit Administration Section 5339                           |
| HBP              | Highway Bridge Program  |
| HSIP             | Highway Safety Improvement Program                                    |
| Sec. 130         | Railway Highway Crossing Local Sec. 130                               |
| SHOPP AC         | State Highway Operations and Protection Program advanced construction |

**ATTACHMENT A - REVISED RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

**PROGRAM: State Highway Operations and Protection Program**

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead    | Description<br><br>Total Escalated Cost<br>CTIPS ID   | Phase                            | Prior Years | Program Schedule<br><br>(construction costs escalated per Caltrans percentages) |              |              |              |              |       | Funding Summary |       |   |
|---|---|----------------------------------|-------------|---|--------------|--------------|--------------|--------------|-------|-----------------|-------|---|
|   |   |                                  |             | Four Year Element   |              |              |              |              |       | Local           | State | Federal   |
|   |   |                                  |             | 16-17   | 17-18        | 18-19        | 19-20        | 20-21        | 21-22 |                 |       |   |
| Various<br>Various<br>KER160203<br><br>SHOPP-A<br>1.09<br>State | GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM<br><br>\$43,477,000<br>20400000827   | PE<br>RW<br>Con<br><br><br>Total |             | \$10,553,000  | \$20,990,000 | \$3,484,000  | \$8,450,000  |              |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$43,477,000  |
| Various<br>Various<br>KER160204<br><br>SHOPP-A<br>1.12<br>State | GROUPED PROJECTS FOR EMERGENCY REPAIR - SHOPP EMERGENCY RESPONSE PROGRAM<br><br>\$33,314,000<br>20400000828   | PE<br>RW<br>Con<br><br><br>Total |             | \$33,314,000  |              |              |              |              |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$33,314,000  |
| Various<br>Various<br>KER160205<br><br>SHOPP-A<br>1.10<br>State | GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM<br><br>\$210,165,000<br>20400000829                      | PE<br>RW<br>Con<br><br><br>Total |             | \$63,955,000  | \$33,706,000 | \$46,054,000 |              | \$66,450,000 |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$210,165,000 |
| Various<br>Various<br>KER160207<br><br>SHOPP-A<br>1.10<br>State | GROUPED PROJECTS FOR SAFETY IMPROVEMENTS, SHOULDER IMPROVEMENTS, PAVEMENT RESURFACING AND/OR REHABILITATION - MINOR PROGRAM<br><br>\$6,781,000<br>20400000832 | PE<br>RW<br>Con<br><br><br>Total |             | \$6,781,000   |              |              |              |              |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$6,781,000   |
| Various<br>Various<br>KER160202<br><br>SHOPP-A<br>1.19<br>State | GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM<br><br>\$70,938,000<br>20400000826  | PE<br>RW<br>Con<br><br><br>Total |             | \$27,918,000  | \$19,472,000 | \$12,325,000 | \$11,223,000 |              |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$70,938,000  |

**ATTACHMENT A - REVISED RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

**PROGRAM: Safety Program**

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead | Description<br><br>Total Escalated Cost<br>CTIPS ID  | Phase           | Prior Years | Program Schedule<br>(construction costs escalated per Caltrans percentages) |             |             |             |       |       | Funding Summary |   |         |             |             |
|--|--|-----------------|-------------|---|-------------|-------------|-------------|-------|-------|-----------------|---|---------|-------------|-------------|
|  |  |                 |             | Four Year Element   |             |             |             |       |       | Local           | State   | Federal |             |             |
|  |  |                 |             | 16-17   | 17-18       | 18-19       | 19-20       | 20-21 | 21-22 |                 |   |         |             |             |
| KER160601<br><br>Sec. 130<br>1.01<br>Various                 | GROUPED PROJECTS FOR RAILROAD/HIGHWAY CROSSING<br><br>\$2,172,063<br>20400000831   | PE<br>RW<br>Con | \$1,374,250 | \$797,813   |             |             |             |       |       |                 | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: --- |         |             |             |
|  |  |                 | Total       | \$1,374,250   | \$797,813   |             |             |       |       |                 |   | Prior   | \$1,374,250 |             |
|  |  |                 |             |   |             |             |             |       |       |                 |   |         | Current     | \$797,813   |
| KER060601<br><br>HBP<br>1.19<br>Various                      | GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - HIGHWAY BRIDGE PROGRAM (HBP). NON-CAPACITY PROJECTS ONLY. (40 CFR<br><br>\$3,830,500<br>20400000418          | PE<br>RW<br>Con | \$1,694,591 | \$100,000   | \$1,485,909 | \$550,000   |             |       |       |                 | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: --- |         |             |             |
|  |  |                 | Total       | \$1,694,591   | \$100,000   | \$1,485,909 | \$550,000   |       |       |                 |   | Prior   | \$194,369   | \$1,500,222 |
|  |  |                 |             |   |             |             |             |       |       |                 |   |         | Current     | \$244,989   |
| KER140601<br><br>HSIP<br>1.06<br>Various                     | GROUPED PROJECTS FOR SAFETY IMPROVEMENTS -HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP). NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES<br><br>\$6,817,900<br>20400000710 | PE<br>RW<br>Con | \$89,600    | \$1,988,500   | \$1,081,800 | \$3,658,000 |             |       |       |                 | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: --- |         |             |             |
|  |  |                 | Total       | \$89,600  | \$1,988,500 | \$1,081,800 | \$3,658,000 |       |       |                 |   | Prior   | \$89,600    |             |
|  |  |                 |             |   |             |             |             |       |       |                 |   |         | Current     | \$399,870   |

**ATTACHMENT A - REVISED RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

**PROGRAM: Transit Program (Non-CMAQ)**

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead | Description<br><br>Total Escalated Cost<br>CTIPS ID  | Phase                        | Program Schedule<br><br>(construction costs escalated per Caltrans percentages) |                   |                       |       |       |       | Funding Summary |       |   |          |           |
|--|--|------------------------------|---|-------------------|-----------------------|-------|-------|-------|-----------------|-------|---|----------|-----------|
|  |  |                              | Prior Years   | Four Year Element |                       |       |       |       |                 | Local | State   | Federal  |           |
|  |  |                              |   | 16-17             | 17-18                 | 18-19 | 19-20 | 20-21 | 21-22           |       |   |          |           |
| KER150812<br><br>Sec. 5339<br>2.10<br>Delano                 | IN DELANO: PURCHASE OF THREE REPLACEMENT GAS DIAL-A-RIDE VANS<br><br>\$165,000<br>20400000789                    | PE<br>RW<br>Con<br><br>Total |   | \$165,000         | <b>DELETE PROJECT</b> |       |       |       |                 |       |   |          |           |
|  |  |                              |   | \$165,000         |                       |       |       |       |                 |       |   |          |           |
|  |  |                              |   |                   |                       |       |       |       |                 |       |   |          |           |
|  |  |                              |   |                   |                       |       |       |       |                 |       | RTP Reference: 2014 RTP, Page 5-4<br>Prior Yr Status: ---<br>Future Cost Est: --- |          |           |
|  |  |                              |   |                   |                       |       |       |       |                 |       | Prior   |          |           |
|  |  |                              |   |                   |                       |       |       |       |                 |       | Current   | \$24,750 | \$140,250 |
| KER160803<br><br>Sec. 5339<br>2.07<br>Delano                 | IN DELANO: PURCHASE OF TWENTY EIGHT BUS SHELTERS AND BENCHES WITH SOLAR LIGHTING<br><br>\$165,000<br>20400000833 | PE<br>RW<br>Con<br><br>Total |   | \$165,000         |                       |       |       |       |                 |       |   |          |           |
|  |  |                              |   | \$165,000         |                       |       |       |       |                 |       |   |          |           |
|  |  |                              |   |                   |                       |       |       |       |                 |       |   |          |           |
|  |  |                              |   |                   |                       |       |       |       |                 |       | RTP Reference: 2014 RTP, Page 5-4<br>Prior Yr Status: ---<br>Future Cost Est: --- |          |           |
|  |  |                              |   |                   |                       |       |       |       |                 |       | Prior   |          |           |
|  |  |                              |   |                   |                       |       |       |       |                 |       | Current   | \$24,750 | \$140,250 |

**ATTACHMENT A - REVISED RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

**PROGRAM: Congestion Mitigation and Air Quality Program (Transit Projects)**

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead | Description<br><br>Total Escalated Cost<br>CTIPS ID                        | Phase                        | Program Schedule<br>(construction costs escalated per Caltrans percentages) |                   |           |       |       |       | Funding Summary |       |         |   |
|--|--|------------------------------|---|-------------------|-----------|-------|-------|-------|-----------------|-------|---------|---|
|  |  |                              | Prior Years   | Four Year Element |           |       |       |       | Local           | State | Federal |   |
|  |  |                              |   | 16-17             | 17-18     | 18-19 | 19-20 | 20-21 |                 |       |         | 21-22   |
| KER160505<br><br>CMAQ<br>2.10<br>KCSS                        | IN BAKERSFIELD: CNG SCHOOL BUS REPLACEMENT<br><br>\$925,000<br>20400000814 | PE<br>RW<br>Con<br><br>Total |   |                   | \$925,000 |       |       |       |                 |       |         | RTP Reference: 2014 RTP, Page 5-4<br>Prior Yr Status: ---<br>Future Cost Est: --- |
|  |  |                              |   |                   | \$925,000 |       |       |       |                 |       |         | Prior<br>Current \$462,500 \$462,500  |

**ATTACHMENT A - REVISED RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

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

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead | Description<br><br>Total Escalated Cost<br>CTIPS ID  | Phase                        | Program Schedule<br><br>(construction costs escalated per Caltrans percentages) |                   |       |             |             |             | Funding Summary |       |  |         |
|--|--|------------------------------|---|-------------------|-------|-------------|-------------|-------------|-----------------|-------|--|---------|
|  |  |                              | Prior Years   | Four Year Element |       |             |             |             |                 | Local | State  | Federal |
|  |  |                              |   | 16-17             | 17-18 | 18-19       | 19-20       | 20-21       | 21-22           |       |  |         |
| KER161004<br><br>ATP<br>3.02<br>Delano                       | DELANO ATP3 SRTS: SIDEWALK GAP CLOSURE<br><br>\$609,000<br>20400000834                           | PE<br>RW<br>Con<br><br>Total |   |                   |       | \$80,000    |             |             |                 |       | RTP Reference: 2014 RTP, Page 5-18<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$72,000 \$537,000    |         |
|  |  |                              |   |                   |       | \$529,000   |             |             |                 |       |  |         |
|  |  |                              |   |                   |       | \$609,000   |             |             |                 |       |  |         |
| KER161005<br><br>ATP<br>3.02<br>Delano                       | DELANO ATP3 SRTS: INTERSECTION ENHANCEMENT AND EDUCATION PROJECT<br><br>\$669,000<br>20400000835 | PE<br>RW<br>Con<br><br>Total |   |                   |       | \$30,000    |             |             |                 |       | RTP Reference: 2014 RTP, Page 5-18<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$80,000 \$589,000    |         |
|  |  |                              |   |                   |       | \$639,000   |             |             |                 |       |  |         |
|  |  |                              |   |                   |       | \$669,000   |             |             |                 |       |  |         |
| KER161008<br><br>ATP<br>3.02<br>Kern Co.                     | ROSAMOND BOULEVARD PEDESTRIAN PATH PROJECT<br><br>\$997,000<br>20400000838                       | PE<br>RW<br>Con<br><br>Total |   |                   |       | \$140,000   |             |             |                 |       | RTP Reference: 2014 RTP, Page 5-18<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$117,000 \$880,000   |         |
|  |  |                              |   |                   |       | \$177,000   |             | \$680,000   |                 |       |  |         |
|  |  |                              |   |                   |       | \$317,000   |             | \$680,000   |                 |       |  |         |
| KER161006<br><br>ATP<br>3.02<br>Kern Co.                     | BORON/DESERT LAKE PEDESTRIAN PATH<br><br>\$2,319,000<br>20400000836                              | PE<br>RW<br>Con<br><br>Total |   |                   |       | \$100,000   | \$300,000   |             |                 |       | RTP Reference: 2014 RTP, Page 5-18<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$348,000 \$1,971,000 |         |
|  |  |                              |   |                   |       |             | \$60,000    | \$1,580,000 | \$279,000       |       |  |         |
|  |  |                              |   |                   |       | \$100,000   | \$1,940,000 | \$279,000   |                 |       |  |         |
| KER161007<br><br>ATP<br>3.02<br>Kern Co.                     | REXLAND ACRES COMMUNITY SIDEWALK PROJECT<br><br>\$6,376,000<br>20400000837                       | PE<br>RW<br>Con<br><br>Total |   |                   |       | \$900,000   |             |             |                 |       | RTP Reference: 2014 RTP, Page 5-18<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$736,000 \$5,640,000 |         |
|  |  |                              |   |                   |       | \$350,000   |             | \$5,126,000 |                 |       |  |         |
|  |  |                              |   |                   |       | \$1,250,000 | \$5,126,000 |             |                 |       |  |         |



**ATTACHMENT A - PRIOR RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

**PROGRAM: State Highway Operations and Protection Program**

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead    | Description<br><br>Total Escalated Cost<br>CTIPS ID   | Phase                            | Prior Years | Program Schedule<br><br>(construction costs escalated per Caltrans percentages) |              |              |              |       |       | Funding Summary |       |   |
|---|---|----------------------------------|-------------|---|--------------|--------------|--------------|-------|-------|-----------------|-------|---|
|   |   |                                  |             | Four Year Element   |              |              |              |       |       | Local           | State | Federal   |
|   |   |                                  |             | 16-17   | 17-18        | 18-19        | 19-20        | 20-21 | 21-22 |                 |       |   |
| Various<br>Various<br>KER160205<br><br>SHOPP-A<br>1.10<br>State | GROUPED PROJECTS FOR<br>PAVEMENT RESURFACING AND/OR<br>REHABILITATION - SHOPP ROADWAY<br>PRESERVATION PROGRAM<br><br>\$109,020,000<br>20400000829 | PE<br>RW<br>Con<br><br><br>Total |             | \$63,955,000  |              | \$45,065,000 |              |       |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$109,020,000 |
| Various<br>Various<br>KER160204<br><br>SHOPP-A<br>1.12<br>State | GROUPED PROJECTS FOR<br>EMERGENCY REPAIR - SHOPP<br>EMERGENCY RESPONSE PROGRAM<br><br>\$28,089,000<br>20400000828                                 | PE<br>RW<br>Con<br><br><br>Total |             | \$28,089,000  |              |              |              |       |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$28,089,000  |
| Various<br>Various<br>KER160203<br><br>SHOPP-A<br>1.09<br>State | GROUPED PROJECTS FOR SAFETY<br>IMPROVEMENTS - SHOPP COLLISION<br>REDUCTION PROGRAM<br><br>\$32,779,000<br>20400000827                             | PE<br>RW<br>Con<br><br><br>Total |             | \$10,475,000  | \$18,820,000 | \$3,484,000  |              |       |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$32,779,000  |
| Various<br>Various<br>KER160202<br><br>SHOPP-A<br>1.19<br>State | GROUPED PROJECTS FOR BRIDGE<br>REHABILITATION AND<br>RECONSTRUCTION - SHOPP<br>PROGRAM<br><br>\$43,020,000<br>20400000826                         | PE<br>RW<br>Con<br><br><br>Total |             |   | \$19,472,000 | \$12,325,000 | \$11,223,000 |       |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---<br><br>Prior<br>Current \$43,020,000  |

**ATTACHMENT A - PRIOR RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

**PROGRAM: Safety Program**

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead | Description<br><br>Total Escalated Cost<br>CTIPS ID  | Phase           | Program Schedule<br><br>(construction costs escalated per Caltrans percentages) |                   |             |             |             |       | Funding Summary |       |  |         |           |             |
|--|--|-----------------|---|-------------------|-------------|-------------|-------------|-------|-----------------|-------|--|---------|-----------|-------------|
|  |  |                 | Prior Years   | Four Year Element |             |             |             |       | Local           | State | Federal  |         |           |             |
|  |  |                 |   | 16-17             | 17-18       | 18-19       | 19-20       | 20-21 |                 |       |  | 21-22   |           |             |
| KER060601<br><br>HBP<br>1.19<br>Various                      | GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - HIGHWAY BRIDGE PROGRAM (HBP). NON-CAPACITY PROJECTS ONLY. (40 CFR<br><br>\$3,830,500<br>20400000418          | PE<br>RW<br>Con | \$2,196,000   | \$148,591         |             | \$1,485,909 |             |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---                        |         |           |             |
|  |  |                 | Total   | \$2,196,000       | \$148,591   |             | \$1,485,909 |       |                 |       |  | Prior   | \$251,881 | \$1,944,119 |
|  |  |                 |   |                   |             |             |             |       |                 |       |  | Current | \$187,477 | \$1,447,023 |
| KER160601<br><br>Sec. 130<br>1.01<br>Various                 | GROUPED PROJECTS FOR RAILROAD/HIGHWAY CROSSING<br><br>\$1,374,250<br>20400000831   | PE<br>RW<br>Con | \$1,374,250   |                   |             |             |             |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: Project Completion Pending<br>Future Cost Est: --- |         |           |             |
|  |  |                 | Total   | \$1,374,250       |             |             |             |       |                 |       |  | Prior   |           | \$1,374,250 |
|  |  |                 |   |                   |             |             |             |       |                 |       |  | Current |           |             |
| KER140601<br><br>HSIP<br>1.06<br>Various                     | GROUPED PROJECTS FOR SAFETY IMPROVEMENTS -HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP). NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES<br><br>\$7,484,166<br>20400000710 | PE<br>RW<br>Con | \$2,223,266   | \$4,179,100       | \$1,081,800 |             |             |       |                 |       | RTP Reference: 2014 RTP, Page 6-6<br>Prior Yr Status: ---<br>Future Cost Est: ---                        |         |           |             |
|  |  |                 | Total   | \$2,223,266       | \$4,179,100 | \$1,081,800 |             |       |                 |       |  | Prior   | \$117,662 | \$2,105,604 |
|  |  |                 |   |                   |             |             |             |       |                 |       |  | Current | \$149,630 | \$5,111,270 |

**ATTACHMENT A - PRIOR RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

**PROGRAM: Transit Program (Non-CMAQ)**

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead | Description<br><br>Total Escalated Cost<br>CTIPS ID   | Phase                        | Program Schedule<br><br>(construction costs escalated per Caltrans percentages) |                   |       |       |       |       | Funding Summary   |          |           |         |
|--|---|------------------------------|---|-------------------|-------|-------|-------|-------|---|----------|-----------|---------|
|  |   |                              | Prior Years   | Four Year Element |       |       |       |       |   | Local    | State     | Federal |
|  |   |                              |   | 16-17             | 17-18 | 18-19 | 19-20 | 20-21 | 21-22   |          |           |         |
| KER150812<br><br>Sec. 5339<br>2.10<br>Delano                 | IN DELANO: PURCHASE OF THREE<br>REPLACEMENT GAS DIAL-A-RIDE<br>VANS<br><br>\$165,000<br>20400000789 | PE<br>RW<br>Con<br><br>Total |   |                   |       |       |       |       | RTP Reference: 2014 RTP, Page 5-4<br>Prior Yr Status: ---<br>Future Cost Est: --- |          |           |         |
|  |   |                              | \$165,000   |                   |       |       |       |       | Prior   |          |           |         |
|  |   |                              | \$165,000   |                   |       |       |       |       | Current   | \$24,750 | \$140,250 |         |

**ATTACHMENT A - PRIOR RECORDS**

**Kern Council of Governments: Amendment No. 1 to the 2017 Federal Transportation Improvement Program**

**PROGRAM: Congestion Mitigation and Air Quality Program (Transit Projects)**

| Route<br>Postmile<br>PIN<br>Ste/Fed ID<br>Fund<br>AQ<br>Lead | Description<br><br>Total Escalated Cost<br>CTIPS ID                        | Phase                        | Program Schedule<br>(construction costs escalated per Caltrans percentages) |                   |       |       |       |       | Funding Summary |       |         |   |
|--|--|------------------------------|---|-------------------|-------|-------|-------|-------|-----------------|-------|---------|---|
|  |  |                              | Prior Years   | Four Year Element |       |       |       |       | Local           | State | Federal |   |
|  |  |                              |   | 16-17             | 17-18 | 18-19 | 19-20 | 20-21 |                 |       |         | 21-22   |
| KER160505<br><br>CMAQ<br>2.10<br>KCSS                        | IN BAKERSFIELD: CNG SCHOOL BUS REPLACEMENT<br><br>\$925,000<br>20400000814 | PE<br>RW<br>Con<br><br>Total |   | \$925,000         |       |       |       |       |                 |       |         | RTP Reference: 2014 RTP, Page 5-4<br>Prior Yr Status: ---<br>Future Cost Est: --- |
|  |  |                              |   | \$925,000         |       |       |       |       |                 |       |         | Prior<br>Current \$462,500 \$462,500  |

**ATTACHMENT 2**

**Updated Financial Plan**

**Updated Grouped Project Listing**

**TABLE 1: REVENUE**

Kern Council of Governments  
 2016/17-2019/20 Federal Transportation Improvement Program  
 Amendment No. 1  
 (\$'s in 1,000)

| Funding Source  |   | N<br>O<br>T<br>E<br>S | 4 YEAR (FTIP Cycle) |                  |                  |                  |                  |                 |                  |                  | TOTAL<br>CURRENT |
|---|---|-----------------------|---------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|
|   |   |                       | 2016/17             |                  | 2017/18          |                  | 2018/19          |                 | 2019/20          |                  |                  |
|   |   |                       | Amendment           |                  | Amendment        |                  | Amendment        |                 | Amendment        |                  |                  |
|   |   |                       | Prior               | Current          | Prior            | Current          | Prior            | Current         | Prior            | Current          |                  |
|   |   |                       | No. 0               | No. 1            | No. 0            | No. 1            | No. 0            | No. 1           | No. 0            | No. 1            |                  |
| LOCAL   | Gas Tax (Subventions to Cities)   | \$7,063               | \$6,594             | \$4,572          | \$5,035          | \$1,472          | \$1,722          |                 | \$351            | \$13,702         |                  |
|   | Street Taxes and Developer Fees   | \$34,508              | \$34,508            | \$10,150         | \$10,150         | \$293,952        | \$293,952        |                 |                  | \$338,610        |                  |
|   | <b>Local Total</b>  | <b>\$41,571</b>       | <b>\$41,102</b>     | <b>\$14,722</b>  | <b>\$15,185</b>  | <b>\$295,424</b> | <b>\$295,674</b> |                 | <b>\$351</b>     | <b>\$352,312</b> |                  |
| STATE   | SHOPP   | \$102,519             | \$135,740           | \$38,292         | \$74,168         | \$62,455         | \$63,444         | \$11,223        | \$19,673         | \$293,025        |                  |
|   | State Minor Program   |                       | \$6,781             |                  |                  |                  |                  |                 |                  | \$6,781          |                  |
|   | STIP  | \$699                 | \$699               | \$4,399          | \$4,399          | \$33,700         | \$33,700         |                 |                  | \$38,798         |                  |
|   | Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006) | \$10                  | \$10                | \$76             | \$76             |                  |                  |                 |                  | \$87             |                  |
|   | Active Transportation Program <sup>1</sup>  | \$3,923               | \$3,923             | \$2,542          | \$2,542          | \$3,049          | \$3,049          |                 | \$2,594          | \$12,108         |                  |
|   | Highway Maintenance (HM) Program <sup>1</sup>   | \$10,692              | \$10,692            |                  |                  |                  |                  |                 |                  | \$10,692         |                  |
|   | Highway Bridge Program (HBP) <sup>1</sup>   | \$132                 | \$89                |                  |                  | \$1,315          | \$1,315          |                 | \$487            | \$1,891          |                  |
|   | Traffic Congestion Relief Program (TCRP)  |                       |                     | \$1,491          | \$1,491          |                  |                  |                 |                  | \$1,491          |                  |
| <b>State Total</b>                                      | <b>\$117,975</b>  | <b>\$157,934</b>      | <b>\$46,800</b>     | <b>\$82,676</b>  | <b>\$100,519</b> | <b>\$101,508</b> | <b>\$11,223</b>  | <b>\$22,754</b> | <b>\$364,872</b> |                  |                  |
| FEDERAL<br>TRANSIT                                      | 5307/5340 - Urbanized Area Formula Grants   | \$1,025               | \$1,025             | \$6,066          | \$6,066          |                  |                  |                 |                  | \$7,092          |                  |
|   | 5310 - Enhanced Mobility of Seniors and Individuals with Disabilities                               |                       |                     |                  |                  |                  |                  |                 |                  |                  |                  |
|   | 5311 - Formula Grants for Rural Areas   |                       |                     |                  |                  |                  |                  |                 |                  |                  |                  |
|   | 5339 - Bus and Bus Facilities Formula Grants  | \$234                 | \$234               |                  |                  |                  |                  |                 |                  | \$234            |                  |
| <b>Federal Transit Total</b>                            | <b>\$1,259</b>  | <b>\$1,259</b>        | <b>\$6,066</b>      | <b>\$6,066</b>   |                  |                  |                  |                 | <b>\$7,325</b>   |                  |                  |
| FEDERAL<br>HIGHWAY                                      | Congestion Mitigation and Air Quality (CMAQ) Improvement Program                                    | \$9,854               | \$9,762             | \$10,045         | \$10,045         | \$10,231         | \$10,231         | \$10,443        | \$10,443         | \$40,481         |                  |
|   | Corridor Infrastructure Improvement Program   | \$47,531              | \$47,531            |                  |                  |                  |                  |                 |                  | \$47,531         |                  |
|   | High Priority Projects (HPP) and Demo   | \$400                 | \$400               | \$22,362         | \$22,362         |                  |                  |                 |                  | \$22,762         |                  |
|   | Highway Safety Improvement Program (HSIP)   | \$4,029               | \$1,839             | \$1,082          | \$1,082          |                  | \$3,408          |                 |                  | \$6,328          |                  |
|   | Projects of National/Regional Significance  | \$3,441               | \$3,441             |                  |                  | \$14,556         | \$14,556         |                 |                  | \$17,997         |                  |
|   | Railway-Highway Crossings   |                       | \$798               |                  |                  |                  |                  |                 |                  | \$798            |                  |
|   | Recreational Trails Program   |                       |                     |                  |                  |                  |                  |                 |                  |                  |                  |
|   | SAFETEA-LU Safe Routes to School (SRTS)   |                       |                     |                  |                  |                  |                  |                 |                  |                  |                  |
| Surface Transportation Block Grant Program (STBGP/RSTP) | \$11,085  | \$10,775              | \$11,518            | \$11,518         | \$11,938         | \$11,938         | \$12,422         | \$12,422        | \$46,653         |                  |                  |
| <b>Federal Highway Total</b>                            | <b>\$76,340</b>   | <b>\$74,545</b>       | <b>\$45,006</b>     | <b>\$45,006</b>  | <b>\$36,726</b>  | <b>\$40,133</b>  | <b>\$22,865</b>  | <b>\$22,865</b> | <b>\$182,550</b> |                  |                  |
| <b>Federal Total</b>                                    | <b>\$77,599</b>   | <b>\$75,804</b>       | <b>\$51,073</b>     | <b>\$51,073</b>  | <b>\$36,726</b>  | <b>\$40,133</b>  | <b>\$22,865</b>  | <b>\$22,865</b> | <b>\$189,875</b> |                  |                  |
| <b>REVENUE TOTAL</b>                                    | <b>\$237,145</b>  | <b>\$274,841</b>      | <b>\$112,595</b>    | <b>\$148,933</b> | <b>\$432,669</b> | <b>\$437,316</b> | <b>\$34,088</b>  | <b>\$45,970</b> | <b>\$907,060</b> |                  |                  |

**Financial Summary Notes:**

<sup>1</sup> State Programs that include both state and federal funds

<sup>2</sup> STIP includes IIP and other County RIP for projects that are jointly funded by Caltrans, Inyo County, and Mono County

**TABLE 2: PROGRAMMED**

**Kern Council of Governments**  
**2016/17-2019/20 Federal Transportation Improvement Program**  
**Amendment No. 1**  
 (\$'s in 1,000)

| FUNDING SOURCES         |   | NOTES                        | 4 YEAR (FTIP Cycle) |                  |                  |                  |                  |                  |                 |                 | TOTAL CURRENT    |
|-------------------------|---|------------------------------|---------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|
|                         |   |                              | 2016/17             |                  | 2017/18          |                  | 2018/19          |                  | 2019/20         |                 |                  |
|                         |   |                              | Amendment           |                  | Amendment        |                  | Amendment        |                  | Amendment       |                 |                  |
|                         |   |                              | Prior No. 0         | Current No. 1    | Prior No. 0      | Current No. 1    | Prior No. 0      | Current No. 1    | Prior No. 0     | Current No. 1   |                  |
| LOCAL                   | Local Total   |                              | \$41,571            | \$41,102         | \$14,722         | \$15,185         | \$295,424        | \$295,674        |                 | \$351           | \$352,312        |
| STATE                   | SHOPP   |                              | \$102,519           | \$135,740        | \$38,292         | \$74,168         | \$62,455         | \$63,444         | \$11,223        | \$19,673        | \$293,025        |
|                         | State Minor Program   |                              |                     | \$6,781          |                  |                  |                  |                  |                 |                 | \$6,781          |
|                         | STIP  |                              | \$699               | \$699            | \$4,399          | \$4,399          | \$33,700         | \$33,700         |                 |                 | \$38,798         |
|                         | Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006) |                              | \$10                | \$10             | \$76             | \$76             |                  |                  |                 |                 | \$87             |
|                         | Active Transportation Program <sup>1</sup>  |                              | \$3,923             | \$3,923          | \$2,542          | \$2,542          | \$3,049          | \$3,049          |                 | \$2,594         | \$12,108         |
|                         | Highway Maintenance (HM) Program <sup>1</sup>   |                              | \$10,692            | \$10,692         |                  |                  |                  |                  |                 |                 | \$10,692         |
|                         | Highway Bridge Program (HBP) <sup>1</sup>   |                              | \$132               | \$89             |                  |                  | \$1,315          | \$1,315          |                 | \$487           | \$1,891          |
|                         | Traffic Congestion Relief Program (TCRP)  |                              |                     |                  | \$1,491          | \$1,491          |                  |                  |                 |                 | \$1,491          |
|                         | <b>State Total</b>  |                              | <b>\$117,975</b>    | <b>\$157,934</b> | <b>\$46,800</b>  | <b>\$82,676</b>  | <b>\$100,519</b> | <b>\$101,508</b> | <b>\$11,223</b> | <b>\$22,754</b> | <b>\$364,872</b> |
| FEDERAL TRANSIT         | 5307/5340 - Urbanized Area Formula Grants   |                              | \$1,025             | \$1,025          | \$6,066          | \$6,066          |                  |                  |                 |                 | \$7,092          |
|                         | 5310 - Enhanced Mobility of Seniors and Individuals with Disabilities                               |                              |                     |                  |                  |                  |                  |                  |                 |                 |                  |
|                         | 5311 - Formula Grants for Rural Areas   |                              |                     |                  |                  |                  |                  |                  |                 |                 |                  |
|                         | 5339 - Bus and Bus Facilities Formula Grants  |                              | \$234               | \$234            |                  |                  |                  |                  |                 |                 | \$234            |
|                         | <b>Federal Transit Total</b>  |                              | <b>\$1,259</b>      | <b>\$1,259</b>   | <b>\$6,066</b>   | <b>\$6,066</b>   |                  |                  |                 |                 | <b>\$7,325</b>   |
| FEDERAL HIGHWAY         | Congestion Mitigation and Air Quality (CMAQ) Improvement Program                                    |                              | \$9,854             | \$9,392          | \$8,845          | \$9,308          | \$8,465          | \$8,465          |                 |                 | \$27,164         |
|                         | Corridor Infrastructure Improvement Program   |                              | \$47,531            | \$47,531         |                  |                  |                  |                  |                 |                 | \$47,531         |
|                         | High Priority Projects (HPP) and Demo   |                              | \$400               | \$400            | \$22,362         | \$22,362         |                  |                  |                 |                 | \$22,762         |
|                         | Highway Safety Improvement Program (HSIP)   |                              | \$4,029             | \$1,839          | \$1,082          | \$1,082          |                  | \$3,408          |                 |                 | \$6,328          |
|                         | Projects of National/Regional Significance  |                              | \$3,441             | \$3,441          |                  |                  | \$14,556         | \$14,556         |                 |                 | \$17,997         |
|                         | Railway-Highway Crossings   |                              |                     | \$798            |                  |                  |                  |                  |                 |                 | \$798            |
|                         | Recreational Trails Program   |                              |                     |                  |                  |                  |                  |                  |                 |                 |                  |
|                         | SAFETEA-LU Safe Routes to School (SRTS)   |                              |                     |                  |                  |                  |                  |                  |                 |                 |                  |
|                         | Surface Transportation Block Grant Program (STBGP/RSTP)   |                              | \$10,365            | \$10,365         | \$10,365         | \$10,365         |                  |                  |                 |                 | \$20,730         |
|                         |   | <b>Federal Highway Total</b> |                     | <b>\$75,621</b>  | <b>\$73,765</b>  | <b>\$42,654</b>  | <b>\$43,116</b>  | <b>\$23,022</b>  | <b>\$26,429</b> |                 |                  |
|                         | <b>Federal Total</b>  |                              | <b>\$76,880</b>     | <b>\$75,024</b>  | <b>\$48,720</b>  | <b>\$49,183</b>  | <b>\$23,022</b>  | <b>\$26,429</b>  |                 |                 | <b>\$150,637</b> |
| <b>PROGRAMMED TOTAL</b> |   |                              | <b>\$236,425</b>    | <b>\$274,061</b> | <b>\$110,242</b> | <b>\$147,043</b> | <b>\$418,965</b> | <b>\$423,612</b> | <b>\$11,223</b> | <b>\$23,105</b> | <b>\$867,821</b> |

**MPO Financial Summary Notes:**

<sup>1</sup> State Programs that include both state and federal funds.

<sup>2</sup> STIP includes IIP and other County RIP for projects that are jointly funded by Caltrans, Inyo County, and Mono County

**TABLE 3: REVENUE-PROGRAMMED**

Kern Council of Governments  
 2016/17-2019/20 Federal Transportation Improvement Program  
 Amendment No. 1  
 (\$'s in 1,000)

| FUNDING SOURCES         |  | 4 YEAR (FTIP Cycle)   |               |             |               |             |               |             |               | TOTAL CURRENT |
|-------------------------|--|-----------------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|---------------|
|                         |  | 2016/17               |               | 2017/18     |               | 2018/19     |               | 2019/20     |               |               |
|                         |  | Amendment             |               | Amendment   |               | Amendment   |               | Amendment   |               |               |
|                         |  | Prior No. 0           | Current No. 1 | Prior No. 0 | Current No. 1 | Prior No. 0 | Current No. 1 | Prior No. 0 | Current No. 1 |               |
| LOCAL                   | Local Total  |                       |               |             |               |             |               |             |               |               |
| STATE                   | SHOPP  |                       |               |             |               |             |               |             |               |               |
|                         | State Minor Program  |                       |               |             |               |             |               |             |               |               |
|                         | STIP   |                       |               |             |               |             |               |             |               |               |
|                         | Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006, Active Transportation Program <sup>1</sup> ) |                       |               |             |               |             |               |             |               |               |
|                         | Highway Maintenance (HM) Program <sup>1</sup>  |                       |               |             |               |             |               |             |               |               |
|                         | Highway Bridge Program (HBP) <sup>1</sup>  |                       |               |             |               |             |               |             |               |               |
|                         | Traffic Congestion Relief Program (TCRP)   |                       |               |             |               |             |               |             |               |               |
|                         | State Total  |                       |               |             |               |             |               |             |               |               |
| FEDERAL TRANSIT         | 5307/5340 - 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   |                       | \$371         | \$1,199     | \$737         | \$1,766     | \$1,766       | \$10,443    | \$10,443      | \$13,316      |
|                         | Corridor Infrastructure Improvement Program  |                       |               |             |               |             |               |             |               |               |
|                         | High Priority Projects (HPP) and Demo  |                       |               |             |               |             |               |             |               |               |
|                         | Highway Safety Improvement Program (HSIP)  |                       |               |             |               |             |               |             |               |               |
|                         | Projects of National/Regional Significance   |                       |               |             |               |             |               |             |               |               |
|                         | Railway-Highway Crossings  |                       |               |             |               |             |               |             |               |               |
|                         | Recreational Trails Program  |                       |               |             |               |             |               |             |               |               |
|                         | SAFETEA-LU Safe Routes to School (SRTS)  |                       |               |             |               |             |               |             |               |               |
|                         | Surface Transportation Block Grant Program (STBGP/RSTP)  | \$720                 | \$409         | \$1,153     | \$1,153       | \$11,938    | \$11,938      | \$12,422    | \$12,422      | \$25,922      |
|                         |  | Federal Highway Total | \$720         | \$780       | \$2,352       | \$1,890     | \$13,704      | \$13,704    | \$22,865      | \$22,865      |
|                         | Federal Total  | \$720                 | \$780         | \$2,352     | \$1,890       | \$13,704    | \$13,704      | \$22,865    | \$22,865      | \$39,238      |
| REVENUE - PROGRAM TOTAL |  | \$720                 | \$780         | \$2,352     | \$1,890       | \$13,704    | \$13,704      | \$22,865    | \$22,865      | \$39,238      |



2017 Federal Transportation Improvement Program

# Grouped Project Listings

Kern Council of Governments

Includes:

State Highway Operations and Protection Program (SHOPP) - dated 12/19/16

Minor Program - dated 12/6/16

Local Section 130/Grade Crossings (Sec. 130)

Highway Bridge Program (HBP) dated 10/26/16

Highway Safety Improvement Program (HSIP) - dated 11/29/16

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**

**2016**

|                                      | TOTAL            | PRIOR | 16/17            | 17/18           | 18/19           | 19/20           | 20/21 | PE              | RW              | CON              |
|--------------------------------------|------------------|-------|------------------|-----------------|-----------------|-----------------|-------|-----------------|-----------------|------------------|
| <b>SHOPP - Bridge Preservation</b>   |                  |       |                  |                 |                 |                 |       |                 |                 |                  |
| Bridge - State (HBRR)                | \$59715          |       | \$27,918         | \$19,472        | \$12,325        |                 |       | \$9,768         | \$2,542         | \$47,405         |
| National Hwy System                  | \$11223          |       |                  |                 |                 | \$11,223        |       | \$1,900         | \$50            | \$9,273          |
| <b>TOTAL</b>                         | <b>\$70938</b>   |       | <b>\$27,918</b>  | <b>\$19,472</b> | <b>\$12,325</b> | <b>\$11,223</b> |       | <b>\$11,668</b> | <b>\$2,592</b>  | <b>\$56,678</b>  |
| <b>SHOPP - Collision Reduction</b>   |                  |       |                  |                 |                 |                 |       |                 |                 |                  |
| National Hwy System                  | \$8064           |       | \$4,580          |                 | \$3,484         |                 |       | \$2,030         | \$30            | \$6,004          |
| Surface Transportation Program       | \$35413          |       | \$5,973          | \$20,990        |                 | \$8,450         |       | \$10,175        | \$5,642         | \$19,596         |
| <b>TOTAL</b>                         | <b>\$43477</b>   |       | <b>\$10,553</b>  | <b>\$20,990</b> | <b>\$3,484</b>  | <b>\$8,450</b>  |       | <b>\$12,205</b> | <b>\$5,672</b>  | <b>\$25,600</b>  |
| <b>SHOPP - Emergency Response</b>    |                  |       |                  |                 |                 |                 |       |                 |                 |                  |
| National Hwy System                  | \$33314          |       | \$33,314         |                 |                 |                 |       | \$3,397         | \$1,256         | \$28,661         |
| <b>TOTAL</b>                         | <b>\$33314</b>   |       | <b>\$33,314</b>  |                 |                 |                 |       | <b>\$3,397</b>  | <b>\$1,256</b>  | <b>\$28,661</b>  |
| <b>SHOPP - Roadside Preservation</b> |                  |       |                  |                 |                 |                 |       |                 |                 |                  |
| National Hwy System                  | \$1581           |       |                  |                 | \$1,581         |                 |       | \$241           | \$4             | \$1,336          |
| <b>TOTAL</b>                         | <b>\$1581</b>    |       |                  |                 | <b>\$1,581</b>  |                 |       | <b>\$241</b>    | <b>\$4</b>      | <b>\$1,336</b>   |
| <b>SHOPP - Roadway Preservation</b>  |                  |       |                  |                 |                 |                 |       |                 |                 |                  |
| National Hwy System                  | \$135636         |       | \$63,955         | \$26,616        | \$45,065        |                 |       | \$10,609        | \$516           | \$124,511        |
| <b>TOTAL</b>                         | <b>\$135636</b>  |       | <b>\$63,955</b>  | <b>\$26,616</b> | <b>\$45,065</b> |                 |       | <b>\$10,609</b> | <b>\$516</b>    | <b>\$124,511</b> |
| <b>MPO TOTAL</b>                     | <b>\$284,946</b> |       | <b>\$135,740</b> | <b>\$67,078</b> | <b>\$62,455</b> | <b>\$19,673</b> |       | <b>\$38,120</b> | <b>\$10,040</b> | <b>\$236,786</b> |

**Additional Projects SHOPP - Roadway Preservation**

FY 17/18

PE \$7,000

RW \$90

FY 18/19

PE \$885

RW \$104

FY 20/21

CON \$66,450

Source: 2016 SHOPP email dated 9/20/16

**Kern Council of Governments KER160202**  
**SHOPP Lump Sum by Category and Fund Type**  
**Dollars x \$1000**

**2016**

| MPO_ID                                    | CTIPS ID    | CO  | Dist | EA    | Route | DESCRIPTION  | PE            | RW           | CON           |
|---|-------------|-----|------|-------|-------|--|---------------|--------------|---------------|
| <b>SHOPP - Bridge Preservation</b>        |             |     |      |       |       |  |               |              |               |
|   | 10400000404 | KER | 06   | 0Q920 | 99    | In Bakersfield, at Panama Lane Overcrossing and White Lane Overcrossing. Lower highway profile below overcrossings to accommodate clearance requirement for permit vehicles. | 1,900         | 50           | 9,273         |
|   | 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        | 22,132        |
|   | 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        |
|   | 10400000406 | KER | 06   | 0S050 | 166   | Near Mettler, at California Aqueduct Bridge (No. 50-0323). Bridge rehabilitation.  | 2,695         | 230          | 9,400         |
| <b>SHOPP - Bridge Preservation Total:</b> |             |     |      |       |       |  | <b>11,668</b> | <b>2,592</b> | <b>56,678</b> |

**Kern Council of Governments KER160203**  
**SHOPP Lump Sum by Category and Fund Type**  
**Dollars x \$1000**

**2016**

| MPO_ID                                    | CTIPS ID    | CO  | Dist | EA    | Route | DESCRIPTION   | PE            | RW           | CON           |
|---|-------------|-----|------|-------|-------|---|---------------|--------------|---------------|
| <b>SHOPP - Collision Reduction</b>        |             |     |      |       |       |   |               |              |               |
|   | 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         |
|   | 10400000375 | KER | 06   | 0P900 | 43    | Near Bakersfield, at the intersection of Routes 43 and 119. Intersection improvement.   | 2,671         | 2,040        | 5,050         |
|   | 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         |
|   | 10400000412 | KER | 06   | 0V300 | VAR   | Near Taft, on Routes 33 and 119 at various locations. Construct centerline rumble strips.   | 680           | 10           | 1,480         |
|   | 10400000367 | KER | 06   | 0P290 | 155   | In and near Delano, from 0.4 mile west of Browning Road to 0.4 mile east of Browning Road. Construct roundabout.                            | 1,491         | 1,442        | 3,040         |
|   | 10400000410 | KER | 06   | 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. | 2,400         | 1,480        | 4,570         |
|   | 10400000388 | KER | 06   | 0S510 | 223   | In and Near Arvin, at Derby Street. Install traffic signals.  | 1,123         | 419          | 1,421         |
|   | 10400000408 | KER | 06   | 0U990 | 65    | Near Bakersfield, from Imperial Street to County Line Road. Construct center line and shoulder rumble strips.                               | 840           | 30           | 1,250         |
|   | 10400000407 | KER | 06   | 0E320 | 178   | In Bakersfield, from M Street to east of Fairfax Road at various locations. Roadside safety improvements.                                   | 520           | 10           | 2,954         |
| <b>SHOPP - Collision Reduction Total:</b> |             |     |      |       |       |   | <b>12,205</b> | <b>5,672</b> | <b>25,600</b> |

**Kern Council of Governments KER160204**  
**SHOPP Lump Sum by Category and Fund Type**  
**Dollars x \$1000**

**2016**

| MPO_ID                                   | CTIPS ID   | CO  | Dist | EA    | Route | DESCRIPTION  | PE           | RW           | CON           |
|--|------------|-----|------|-------|-------|--|--------------|--------------|---------------|
| <b>SHOPP - Emergency Response</b>        |            |     |      |       |       |  |              |              |               |
|  | 1040000391 | 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.           | 3,197        | 1,131        | 23,761        |
|  | 1040000411 | KER | 06   | 0V690 | 155   | Near Lake Isabella, in Sequoia National Forest boundaries, 13.4 miles west of Route 155/178 Junction. Remove and dispose of hazardous trees and fire fuel. | 200          | 125          | 4,900         |
| <b>SHOPP - Emergency Response Total:</b> |            |     |      |       |       |  | <b>3,397</b> | <b>1,256</b> | <b>28,661</b> |

**Kern Council of Governments KER160201**  
**SHOPP Lump Sum by Category and Fund Type**  
**Dollars x \$1000**

**2016**

| MPO_ID                                      | CTIPS ID    | CO  | Dist | EA    | Route | DESCRIPTION   | PE         | RW       | CON          |
|---|-------------|-----|------|-------|-------|---|------------|----------|--------------|
| <b>SHOPP - Roadside Preservation</b>        |             |     |      |       |       |   |            |          |              |
|   | 10400000405 | KER | 06   | 0T280 | 99    | In Bakersfield, from Planz Road to north of California Avenue. Upgrade irrigation system to improve water efficiency. | 241        | 4        | 1,336        |
| <b>SHOPP - Roadside Preservation Total:</b> |             |     |      |       |       |   | <b>241</b> | <b>4</b> | <b>1,336</b> |

**Kern Council of Governments KER160205**  
**SHOPP Lump Sum by Category and Fund Type**  
**Dollars x \$1000**

**2016**

| MPO_ID                                     | CTIPS ID    | CO  | Dist | EA    | Route | DESCRIPTION   | PE            | RW         | CON            |
|--|-------------|-----|------|-------|-------|---|---------------|------------|----------------|
| <b>SHOPP - Roadway Preservation</b>        |             |     |      |       |       |   |               |            |                |
|  | 10400000403 | KER | 06   | 0T200 | 99    | In and near Bakersfield, from Route 5 to Panama Lane. Roadway rehabilitation.                                     | 2,760         | 220        | 35,100         |
|  | 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         |
|  | 10400000401 | KER | 06   | 0Q820 | 5     | Near Lebec, from north Lebec Road to south of Grapevine Road. Rehabilitate drainage systems.                      | 1,045         | 150        | 5,790          |
|  | 10400000376 | KER | 06   | 0G851 | 58    | In Bakersfield from 58/99 Separation to Cottonwood Road. Rehabilitate roadway.                                    | 1,771         | 65         | 24,780         |
|  | 10400000395 | KER | 06   | 0S470 | 58    | Near Bakersfield, from Cottonwood Road to 0.3 mile east of Routes 58/184 Separation. Pavement Rehabilitation.     | 2,883         | 58         | 32,041         |
| <b>SHOPP - Roadway Preservation Total:</b> |             |     |      |       |       |   | <b>10,609</b> | <b>516</b> | <b>124,511</b> |

**SHOPP - Roadway Preservation - continued**  
**KER160205**  
**Dollars X \$1000**

| EFIS       | CO  | Dist | EA    | Route | Description  | PE   | RW  | CON   |
|------------|-----|------|-------|-------|--|------|-----|-------|
| 0615000211 | 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.<br>(G13 Contingency Project) | 885  | 104 | 13350 |
| 0613000051 | KER | 6    | 0Q280 | 99    | In and near Bakersfield, from Palm Street to Beardsley Canal. Rehabilitate roadway.<br>(G13 Contingency Project)   | 7000 | 90  | 53100 |



KER160207

GROUPED PROJECTS FOR SAFETY IMPROVEMENTS, SHOULDER IMPROVEMENTS,  
PAVEMENT RESURFACING AND/OR REHABILITATION - MINOR PROGRAM  
FY 16/17 (\$1,000)

| Dist | County | Route    | Post Miles          | Location/Description   | Federal Aid Eligible | AADD | EA    | EFIS       | Program Code | Category        | Con Sup      | Project R/W | Con          | Total Project Cost |
|------|--------|----------|---------------------|--|----------------------|------|-------|------------|--------------|-----------------|--------------|-------------|--------------|--------------------|
| 6    | Kern   | 184, 223 | 15.7/16.3, L0.0/0.3 | Install roundabout to improve intersection.                    | No                   | Yes  | 0R190 | 0614000057 | 201.310      | Minor A Project | \$ 2,524,000 | \$ 200,000  | \$ 1,000,000 | \$ 3,724,000       |
| 6    | Kern   | 99       | 0.3/15.9, 21.8/57.3 | In Kern County, install vehicle detection systems on Route 99. | No                   | Yes  | 0S620 | 0614000183 | 201.315      | Minor A Project | \$ 2,000,000 | \$ 57,000   | \$ 1,000,000 | \$ 3,057,000       |

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

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

| <b>PIN</b> | <b>Implementing Agency</b>   | <b>CT ID<br/>(USDOT RR<br/>Xing No.)</b> | <b>Project Title</b>                 | <b>Project Description</b>   | <b>Program<br/>Year<br/>(FFY)</b> | <b>Federal<br/>Funds</b> | <b>State/Local<br/>Funds</b> | <b>Total<br/>Project<br/>Cost</b> |
|------------|--|--|--------------------------------------|--|-----------------------------------|--------------------------|------------------------------|-----------------------------------|
| KER160601  | California Department of<br>Transportation, Division<br>of Rail and Mass<br>Transportation/County of<br>Kern | 030024V                                  | Railway<br>Crossing Local<br>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 | prior year                        | \$531,250                | \$0                          | \$531,250                         |
|            |  | 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   | prior year                        | \$843,000                | \$0                          | \$843,000                         |
|            |  | 750995V                                  |                                      | Eliminate hazards at railroad grade crossing at intersection of Adams Street and San Joaquin Valley Railroad in the County of Kern   | 16/17                             | \$797,813                | \$0                          | \$797,813                         |

**Grouping Category: Highway Bridge Program (HBP)**

**Grouped Projects for Bridge Rehabilitation and Reconstruction - Highway Bridge Program (HBP)**

| PIN       | Agency  | State ID | Fed ID             | Project Title                            | Project Description  | Program Year (FFY) | Federal Funds | State/Local Funds | Total Project Cost |
|-----------|---------|----------|--------------------|--|--|--------------------|---------------|-------------------|--------------------|
| KER060601 | Various |          | 5109(166)          | Bridge Rehabilitation and Reconstruction | Bakersfield: BRIDGE NO. 50C0021 L & R, MANOR ST, OVER KERN RIVER, 0.2 MI S ROBERTS LANE. Rehabilitate existing two lane bridge. No added lane capacity. Including LSSRP Retrofit HBP-ID 1246                 | prior year         | \$1,297,850   | \$168,150         | \$1,466,000        |
|           |         |          | 5109(175)          |  | Bakersfield: BRIDGE NO. 50C0173, BEALE AVE, OVER UP RR, SUMNER ST, KENTUCKY, SOUTH MONTEREY ST. Rehabilitate two lane bridge. No added lane capacity. HBP-ID 953   | 16/17              | \$88,530      | \$11,470          | \$100,000          |
|           |         |          | 5950(333)<br>(411) |  | Kern County: BRIDGE NO. 50C0172, LAKE ISABELLA RD OVER BOREL CANAL, 0.75 MI N OF NUGGET AVE.Rehabilitate two lane Bridge. No added lane capacity. HBP-ID 3710  | prior year         | \$70,824      | \$9,176           | \$80,000           |
|           |         |          | 5109(225)<br>(226) |  | Bakersfield: BRIDGE NO. PM00145, Bridge Preventive Maintenance Program (BPMP) various bridges in the City of Bakersfield. See Caltrans Local Assistance HBP website for backup list of projects. HBP-ID 4341 | 19/20              | \$486,915     | \$63,085          | \$550,000          |
|           |         |          |                    |  |  |                    | prior year    | \$131,548         | \$17,043           |
|           |         |          |                    |  |  | 18/19              | \$1,315,475   | \$170,434         | \$1,485,909        |

**Grouping Category: Highway Safety Improvement Program (HSIP)**

**Grouped Projects for Safety Improvements - Highway Safety Improvement Program (HSIP)**

| <b>PIN</b> | <b>Agency</b> | <b>State ID</b> | <b>Fed ID</b> | <b>Project Title</b> | <b>Project Description</b>   | <b>Program Year (FFY)</b>  | <b>Federal Funds</b> | <b>State/Local Funds</b> | <b>Total Project Cost</b> |
|------------|---------------|-----------------|---------------|----------------------|--|--|----------------------|--------------------------|---------------------------|
| KER140601  | Various       |                 |               | Safety Improvements  | Bakersfield: various signalized intersections within north east; install pedestrian countdown head at each signalized intersection HSIP7-06-004  | 16/17  | \$174,600            | \$19,400                 | \$194,000                 |
|            |               |                 |               |                      | Bakersfield: various signalized intersections within south east; install pedestrian countdown head at each signalized intersection HSIP7-06-005  | 16/17  | \$151,200            | \$16,800                 | \$168,000                 |
|            |               |                 |               |                      | Bakersfield: various signalized intersections within north west; Remove existing pedestrian walk/don't walk signal heads and install new pedestrian countdown timer modules for all pedestrian crossings H8-06-001     | 18/19  | \$111,960            | \$12,440                 | \$124,400                 |
|            |               |                 |               |                      | Bakersfield: various signalized intersections within the south west: Remove existing pedestrian walk/don't walk signal heads and install new pedestrian countdown timer modules for all pedestrian crossings H8-06-002 | 18/19  | \$190,080            | \$21,120                 | \$211,200                 |
|            |               |                 | 5227(054)     |                      | Delano: various non-signalized crosswalk locations; install pedestrian actuated warning systems; install advanced yield markings, and install pedestrian crossing signs HSIP7-06-006 (toll credits)                    | prior year   | \$55,800             | \$0                      | \$55,800                  |
|            |               |                 |               |                      |  | 16/17  | \$382,100            | \$0                      | \$382,100                 |
|            |               |                 |               |                      |  | McFarland: various stop controlled intersections along Garzoli Ave, and Perkins Ave and 5th St; Upgrade signing with new Solar flashing LED Stop signs, traffic striping and markings, solar Speed Limit warning flashing beacon signs with radar speed feedback, crosswalk with In Roadway warning lights and upgrade ADA curb ramps H8-06-012 (toll credits) | 18/19                | \$212,400                | \$0                       |

Continued

**Grouped Projects for Safety Improvements - Highway Safety Improvement Program (HSIP)**

| PIN                      | Agency  | State ID | Fed ID    | Project Title       | Project Description   | Program Year (FFY)   | Federal Funds | State/Local Funds | Total Project Cost |
|--------------------------|---------|----------|-----------|---------------------|---|--|---------------|-------------------|--------------------|
| KER140601<br>(continued) | Various |          |           | Safety Improvements | Ridgecrest: intersection of Downs Street at Bowman Road; Convert to all-way Stop control, modify Southbound left turn lane to meet standards, and stripe crosswalk with ADA ramps on north leg H8-09-001  | 18/19  | \$162,200     | \$0               | \$162,200          |
|                          |         |          |           |                     | Ridgecrest: various uncontrolled Crosswalk locations throughout the City of Ridgecrest; Installing Rapid Reflective Flashing Beacons (RRFB's), update signing and striping, and update the crosswalks to ladder style H8-09-002   | 18/19  | \$250,000     | \$176,800         | \$426,800          |
|                          |         |          |           |                     | Shafter: Lerdo Hwy between Cherry Ave and Zerker Rd; install guardrail HSIP7-06-008 (toll credits)  | 17/18  | \$1,081,800   | \$0               | \$1,081,800        |
|                          |         |          |           |                     | Taft: Kern St between 1st Street and Hillard Street; Remove existing roadway luminaries and install high performance cobra heads LED Roadway Luminaries, install Radar Speed Feed Back Signs, re-design pedestrians crosswalks, repaint and add markings H8-06-013 (toll credits) | 18/19  | \$432,000     | \$0               | \$432,000          |
|                          |         |          | 5287(046) |                     | Wasco: various locations within city; roadway safety sign audit and sign upgrade/installation project HSIP7-06-009 (toll credits)   | prior year   | \$33,800      | \$0               | \$33,800           |
|                          |         |          |           |                     |   | 16/17  | \$110,100     | \$0               | \$110,100          |
|                          |         |          |           |                     |   | Wasco: various locations around Barker Park; Install Rectangular Rapid Flashing Beacons (RRFBs), high visibility crosswalks, infill sidewalk, and ADA curb ramps H8-06-015 | 18/19         | \$160,920         | \$17,880           |

Continued

**Grouped Projects for Safety Improvements - Highway Safety Improvement Program (HSIP)**

| <b>PIN</b>               | <b>Agency</b> | <b>State ID</b> | <b>Fed ID</b> | <b>Project Title</b> | <b>Project Description</b>   | <b>Program Year (FFY)</b> | <b>Federal Funds</b> | <b>State/Local Funds</b> | <b>Total Project Cost</b> |
|--------------------------|---------------|-----------------|---------------|----------------------|--|---------------------------|----------------------|--------------------------|---------------------------|
| KER140601<br>(continued) | Various       |                 |               | Safety Improvements  | Kern County: South Union Ave between Taft Hwy and Ming Ave; construct left turn channelization HSIP7-06-007  | 16/17                     | \$1,020,870          | \$113,430                | \$1,134,300               |
|                          |               |                 |               |                      | Kern County: intersection of Mount Vernon Ave at Quincy St; Convert signal to mast arm for east/west bound traffic on Quincy St and install pedestrian countdown signal heads H8-06-007 (toll credits) | 18/19                     | \$219,100            | \$0                      | \$219,100                 |
|                          |               |                 |               |                      | Kern County: intersection of Airport Dr at Norris Rd; install additional signal heads at north, west and east bound directions on the near side of the intersection H8-06-008 (toll credits)           | 18/19                     | \$219,100            | \$0                      | \$219,100                 |
|                          |               |                 |               |                      | Kern County: various locations in unincorporated Bakersfield and Rosamond areas; Installation of pedestrian countdown signal heads H8-06-009   | 18/19                     | \$250,000            | \$22,000                 | \$272,000                 |
|                          |               |                 |               |                      | Kern County: various location throughout the County of Kern; upgrade existing guardrails H8-06-010 (toll credits)  | 18/19                     | \$1,200,000          | \$0                      | \$1,200,000               |