

**2015 CONFORMITY ANALYSIS ADDRESSING THE 2008 OZONE AND
2012 PM2.5 STANDARDS
FOR THE 2015 FEDERAL TRANSPORTATION IMPROVEMENT
PROGRAM AMENDMENT 12 AND THE 2014 REGIONAL
TRANSPORTATION PLAN**

OCTOBER 15, 2015



**Kern Council
of Governments**

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

California Division

December 31, 2015

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In Reply Refer To:
HDA-CA

Mr. Ahron Hakimi
Executive Director
Kern Council of Governments
1401 19th Street #300
Bakersfield, CA 93301

SUBJECT: Amendment # 12 to the 2015 Federal Transportation Improvement Program (FTIP) and the 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards

Dear Mr. Hakimi:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed our review of the Kern Council of Government's (KCOG) Amendment # 12 to the 2015 FTIP and the corresponding conformity analysis for the 2008 Ozone and 2012 PM2.5 Standards. In March 2015, a conformity rule with a new attainment year of 2031 was published, thus triggering a need for KCOG to conduct a conformity analysis of its 2014 RTP and 2015 FTIP as amended.

On October 19, 2015, KCOG adopted Amendment # 12 to the 2015 FTIP and the corresponding conformity analysis for 2008 Ozone and 2012 PM 2.5 Standards. On October 23, 2015, Caltrans approved Amendment # 12 to the 2015 FTIP and forwarded it to FHWA/FTA for approval. This amendment to KCOG's FTIP:

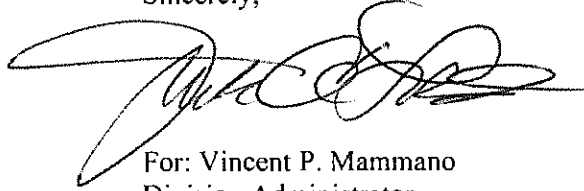
- o Modifies an individual project in Kern County. The project includes funding from the State Transportation Improvement Program, State Bond, and High Priority Program.

The conformity analysis submitted to FHWA and FTA by KCOG indicates that all air quality conformity requirements have been met, including those for the 2008 8-hour Ozone and 2012 PM2.5 Standards. Based on our review, we find that the 2014 RTP and 2015 FTIP, as amended, conform to the applicable state implementation plan (SIP) in accordance with the provisions of 40 CFR Parts 51 and 93.

In addition, the amendment process for the RTP and FTIP amendments fulfills all statewide and metropolitan planning requirements outlined in the Fixing America's Surface Transportation (FAST) Act of 2015. In accordance with the December 15, 2014 *Memorandum of Understanding (MOU) between the Federal Highway Administration, California Division and the Federal Transit Administration, Region IX*, the FTA has concurred with this conformity determination and FTIP amendment. Additionally, this approval was made after consultation with the EPA, Region 9 office, pursuant to the Transportation Conformity Rule.

If you have questions or need additional information concerning our approval, please contact Scott Carson (scott.carson@dot.gov) of the FHWA California Division office at (916) 498-5029 or Hymie Luden (hymie.luden@dot.gov) of the FTA Region IX office at (415) 744-2732.

Sincerely,

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

/s/ Leslie T. Rogers

Leslie T. Rogers
Regional Administrator
Federal Transit Administration

For: Vincent P. Mammano
Division Administrator
Federal Highway Administration

DEPARTMENT OF TRANSPORTATION
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*Serious drought
 Help save water!*

October 23, 2015

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: Mr. Donny Hamilton, Jr.

Attention: Mr. Ray Sukys

Dear Mr. Hamilton and Mr. Sukys:

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

<u>No.</u>	<u>Description</u>
12	State Elements <ul style="list-style-type: none"> This amendment modifies an individual project in Kern County. The project includes funding from the State Transportation Improvement Program, State Bond, and High Priority Program.

See enclosure.

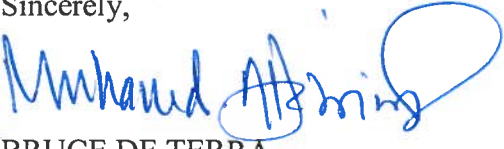
The KCOG Board Resolution adopting this FTIP amendment certifies that it is financially constrained and meets requirements of public involvement procedures adopted by KCOG and all applicable transportation planning requirements per Title 23 Code of Federal Regulations Part 450, and air quality conformity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

Pursuant to the authority delegated to me by the Director of Caltrans, I approve KCOG's Amendment Number 12. I also recommend that the Federal Highway Administration and Federal Transit Administration approve this FTIP amendment for inclusion into California's 2015 Federal Statewide Transportation Improvement Program (FSTIP). Projects included in this FTIP amendment, in fiscal years not within the four-year cycle of the current FSTIP, are not approved as part of this FTIP amendment and are shown for information only. Approval of this amendment does not constitute an eligibility determination of project for federal funding.

Mr. Vincent P. Mammano/Mr. Leslie T. Rogers
October 23, 2015
Page 2

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

Sincerely,


for 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

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EXECUTIVE SUMMARY

This report presents a 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards. The 2015 Conformity Analysis includes a new analysis year of 2031 for the 2014 RTP and 2015 FTIP Amendment 12 to address the *Implementation Rule* requirements for the 2008 Ozone standard and a new conformity demonstration for the new 2012 PM2.5 standards. The Kern Council of Governments is the designated Metropolitan Planning Organization (MPO) in Kern County, California, and is responsible for regional transportation planning.

EPA designated the San Joaquin Valley nonattainment area for the 2008 Ozone Standard, effective July 20, 2012. Transportation conformity applies one year after the effective date (July 20, 2013). Federal approval for the eight SJV MPO's 2008 Ozone standard conformity demonstrations was received on July 8, 2013. In addition, the Eastern portion of Kern County, the Mohave Desert, was designated nonattainment and classified Marginal with an attainment date of 2014. It is important to note that the 2014 analysis year is not within the timeframe of the plan.

EPA's March 2015 final rule implementing the 2008 Ozone Standard also revoked the 1997 Ozone Standard for transportation conformity purposes. This revocation became effective April 6, 2015. The final rule included criteria and procedures for the 2008 Ozone national ambient air quality standards and shifted the San Joaquin Valley 2008 Ozone Standard attainment date from December 31, 2032 to July 20, 2032; the new attainment year of 2031 must be modeled.

On January 13, 2013, EPA issued a final rule strengthening the primary 1997 Annual PM2.5 standard to 12 micrograms per cubic meter; maintained both the 1997 24-hour PM2.5 Standards and secondary 1997 annual PM2.5 standard; and maintained both the primary and secondary 2006 24-hour PM2.5 standards, effective March 18, 2013. Conformity applies to all standards.

EPA designated the San Joaquin Valley as nonattainment for the 2012 PM2.5 standards on January 15, 2015, effective April 15, 2015. Transportation conformity for the 2012 PM2.5 Standards applies one year after the effective date or on April 15, 2016. The San Joaquin Valley, was classified Moderate with an attainment date of December 31, 2021. The new attainment year of 2021 must be modeled.

In accordance with Section 93.122(g) of the conformity rule, the 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards relies on the federally approved previous emissions analysis for carbon monoxide, PM-10, and PM2.5 (1997 24-hour & Annual Standards and 2006 24-Hour Standard). The 2014 RTP/2015 FTIP (as amended) and corresponding conformity analysis were last approved by FHWA and FTA on April 28, 2015.

The 2014 RTP/2015 FTIP (as amended) and the corresponding Air Quality Conformity Analysis are incorporated by reference and are available at <http://www.kerncog.org/publications/regional-transportation-aq-conformity>. Additional copies will be provided upon request.

A finding of conformity for the 2014 RTP/2015 FTIP Amendment 12 is therefore supported. The 2015 FTIP Amendment 12 and the 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards was approved by the Kern Council of Governments on Oct. 15th, 2015.

Summarized below are the applicable conformity requirements, conformity tests applied, and the results of the conformity assessment. An overview of the organization of this report is summarized below.

2008 OZONE AND 2012 PM2.5 CONFORMITY REQUIREMENTS

Ozone

EPA's nonattainment area designations for the 2008 ozone standard became effective on July 20, 2012. Conformity for a given pollutant and standard applies one year after the effective date of EPA's initial nonattainment designation. Therefore, conformity for the 2008 ozone standard began to apply on July 20, 2013. The San Joaquin Valley, which consists of eight counties, was designated nonattainment and classified Extreme with an attainment date of July 20, 2032. On March 6, 2015, EPA finalized the implementation rule for 2008 Ozone NAAQS, which shifted the San Joaquin Valley 2008 Ozone Standard attainment date from December 31, 2032 to July 20, 2032. Thus, the new attainment year of 2031 must be modeled.

In addition, the Eastern portion of Kern County, the Mohave Desert, was designated nonattainment and classified Marginal with an attainment date of 2014. It is important to note that the 2014 analysis year is not within the timeframe of this plan.

The San Joaquin Valley has an EPA approved 2007 Ozone Plan (as revised in 2011) that contains sub-area budgets for ROG and NOx. In addition, EPA published a Notice of Adequacy for the 8-hour Ozone early Progress Plans for Eastern Kern County. In accordance with EPA guidance dated July 2012, if a 2008 Ozone area has adequate or approved SIP budgets that address the 1997 standards, it must use the budget test until 2008 Ozone standard budgets are found adequate or approved.

When using the budget test, the attainment year of the 2008 ozone standard must be analyzed (e.g. 2031). In addition, in areas that have budgets for a previous ozone standard, consistency with those budgets must also be determined. The new attainment year of 2031 must be modeled.

PM2.5

EPA's nonattainment area designations for the 2012 PM2.5 standards became effective on April 15, 2015. Conformity for a given pollutant and standard applies one year after the effective date of EPA's initial nonattainment designation or April 15, 2016. The San Joaquin Valley, which consists of eight counties, was designated nonattainment and classified Moderate with an attainment date of December 31, 2021.

The San Joaquin Valley has an approved 2008 PM2.5 (1997 Standard) Plan (as revised in 2011)

that contains sub-area budgets for PM2.5 and NOx. In accordance with Section 93.109(i)(3) of the conformity rule, if a 2012 PM2.5 area has adequate or approved SIP budgets that address the annual 1997 PM2.5 standards, it must use the budget test until new 2012 PM2.5 standard budgets are found adequate or approved. The attainment year of 2021 must be modeled.

When using the budget test, the attainment year of the 2012 annual PM2.5 standard must be analyzed (e.g. 2021). In addition, in areas that have approved or adequate budgets for the 1997 annual PM2.5 standard, consistency with those budgets must also be determined.

On January 13, 2015, EPA released its proposed *Approval of San Joaquin Valley Plan and Supplement for the 2006 PM2.5 Standard and Proposed Reclassification to Serious for the 2006 PM2.5 Standard*. In addition, new transportation conformity budgets for the 2006 primary and secondary 24-hour PM2.5 standards are proposed to be approved. At this time, EPA has not finalized the proposed approval of the Plan (including conformity budgets) and reclassification.

On March 23, 2015, EPA released its *Proposed Rule for Implementing National Ambient Air Quality Standards for Fine Particles*. The implementation rule proposes three options, one of which could revoke the primary 1997 annual PM2.5 standard, while maintaining the secondary 1997 annual PM2.5 standard. At the time of the release of this document, the proposed implementation rule has not been finalized and the standard has not been revoked. Note that a revocation of the 1997 primary annual PM2.5 standard will not remove the obligation to demonstrate conformity for the 1997 24-hour PM2.5 standards.

Since recent EPA actions have not been finalized, the 2015 Conformity Demonstration relies on the federally approved previous emissions analyses for the 1997 Annual PM2.5 and 2006 24-hour PM2.5 Standards.

General

Consultation occurred in July 2015 on the proposed procedures and documentation approach for the 2015 Conformity Analysis addressing the 2008 Ozone and 2012 PM2.5 Standards for the 2014 RTP/2015 FTIP Amendment 12; items included:

1. Latest Planning Assumptions and Transportation Modeling
2. Air Quality Modeling
3. Procedures for Regional Emissions Estimates
4. Transportation Control Measures
5. Conformity Documentation

In addition, on-going interagency consultation is conducted through the San Joaquin Valley Interagency Consultation Group to ensure Valley-wide coordination, communication and compliance with Federal and California Clean Air Act requirements. Each of the eight Valley Metropolitan Planning Organizations (MPOs) and the San Joaquin Valley Unified Air Pollution Control District (Air District) are represented. The Federal Highway Administration (FHWA), Federal Transit Administration (FTA), the U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB) and Caltrans are also represented. The final

determination of conformity for the TIP and RTP is the responsibility of FHWA and FTA within U.S. DOT.

FHWA has developed a checklist (included in Appendix A) that contains the required items to complete a conformity determination. As indicated above, the 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards relies on the federally approved previous emissions analysis for carbon monoxide, PM-10, and PM2.5 (1997 24-hour & Annual Standards and 2006 24-Hour Standards). The checklist contains references to both this document and the federally approved 2014 RTP/2015 FTIP Conformity Analysis (incorporated herein by reference) as appropriate.

2008 OZONE AND 2012 PM2.5 CONFORMITY TESTS

Ozone

EPA has indicated that transportation conformity for the 1997 ozone standard stops applying on April 6, 2015. However, existing adequate or approved budgets are required to be used until budgets for the new 2008 standard are found adequate or approved. The San Joaquin Valley has an EPA approved 2007 Ozone Plan (as revised in 2001) that contains sub-area budgets for ROG and NOx. In addition, EPA published a Notice of Adequacy for the 8-hour Ozone early Progress Plans for Eastern Kern County.

When using the budget test, the attainment year of the 2008 ozone standard must be analyzed (e.g. 2031). In addition, in areas that have budgets for a previous ozone standard, consistency with those budgets must also be determined.

PM2.5

Existing adequate or approved budgets are required to be used until budgets for the new 2012 PM2.5 standard are found adequate or approved. The San Joaquin Valley has an EPA approved 2008 PM2.5 Plan that contains sub-area budgets for PM2.5 and NOx. When using the budget test, the attainment year of the 2012 PM2.5 standard must be analyzed (e.g. 2021). In addition, in areas that have budgets for a previous 1997 PM2.5 standard, consistency with those budgets must also be determined.

RESULTS OF THE 2008 OZONE AND 2012 PM2.5 CONFORMITY ANALYSIS

A regional emissions analysis was conducted to meet the 2008 Ozone and 2012 PM2.5 standards conformity requirements. The analysis was conducted using the latest planning assumptions and emissions models. The major conclusions of the Kern Council of Governments Conformity Analysis are:

- In accordance with the EPA “multi-jurisdictional” guidance separate modeling and conformity documents have been developed by each MPO. The total regional vehicle-related emissions (ROG and NOx) associated with implementation of the 2014 RTP / 2015 FTIP Amendment 12 for the attainment year 2031 analysis year

have been estimated and are less than or no greater than the applicable conformity budget. In addition, the total regional vehicle-related emissions (ROG and NO_x) for the other applicable analysis years remain unchanged and are less than or no greater than the applicable conformity budgets. The conformity emissions tests for the 2008 Ozone standard are therefore satisfied.

- In accordance with the EPA “multi-jurisdictional” guidance separate modeling and conformity documents have been developed by each MPO. The total regional vehicle-related emissions (PM_{2.5} and NO_x) associated with implementation of the 2014 RTP / 2015 FTIP Amendment 12 for the attainment year 2021 analysis year have been estimated and are less than or no greater than the applicable conformity budget. In addition, the total regional vehicle-related emissions (PM_{2.5} and NO_x) for the other applicable analysis years remain unchanged and are less than or no greater than the applicable conformity budgets. The conformity emissions tests for the 2012 PM_{2.5} standard are therefore satisfied.
- For Mojave Desert ozone, the total regional on-road vehicle-related emissions (ROG and NO_x) for the applicable analysis years remain unchanged and are less than or no greater than the applicable conformity budgets. The conformity tests for ozone are therefore satisfied.
- In accordance with Section 93.122(g), this conformity demonstration relies on the federally approved previous emissions analysis for carbon monoxide, PM-10, and PM_{2.5} (1997 24-hour & Annual Standards and 2006 24-Hour Standard). The latest 2014 RTP/2015 FTIP (as amended) Air Quality Conformity Analysis is incorporated by reference and is available at <http://www.kerncog.org/publications/regional-transportation-aq-conformity>. Additional copies will be provided upon request.
- The TIP/RTP will not impede and will support timely implementation of the TCMs that have been adopted as part of applicable air quality implementation plans.
- Consultation has been conducted in accordance with federal requirements.

REPORT ORGANIZATION

The report is organized into five chapters. Chapter 1 provides an overview of the applicable 2008 Ozone and 2012 PM_{2.5} standards conformity requirements, including approach to meet requirements and the conformity analysis years. Chapter 2 contains a discussion of the latest planning assumptions and air quality modeling used to estimate regional emissions estimates. Chapter 3 contains the documentation required under the federal transportation conformity rule for transportation control measures. Chapter 4 provides an overview of the interagency consultation conducted by the San Joaquin Valley Metropolitan Planning Organizations. The results of the conformity analysis for the 2014 RTP/2015 FTIP Amendment 12 are provided in Chapter 5.

Consultation documentation and other related information are contained in the appendices. Appendix C includes copies of consultation correspondence. Appendix F includes documentation of the public hearing process. Comments received on the conformity analysis and responses made as part of the public involvement process are included in Appendix G.

CHAPTER 1 2008 OZONE AND 2012 PM2.5 CONFORMITY REQUIREMENTS

Ozone

EPA issued “Transportation Conformity Guidance for 2008 Ozone Nonattainment Areas” in July 2012. EPA restructured the transportation conformity rule (March 14, 2012) so that existing conformity requirements will apply for any new or revised National Ambient Air Quality Standard (NAAQS). The conformity rule, therefore, applies directly to the 2008 ozone NAAQS.

EPA’s nonattainment area designations for the 2008 ozone NAAQS became effective on July 20, 2012. Conformity for a given pollutant and standard applies one year after the effective date of EPA’s initial nonattainment designation. Therefore, conformity for the 2008 ozone standard will begin to apply on July 20, 2013 for the San Joaquin Valley. Federal approval for the eight SJV MPO’s 2008 Ozone standard conformity demonstrations was received on July 8, 2013.

EPA’s March 2015 final rule implementing the 2008 Ozone Standard also revoked the 1997 Ozone Standard for transportation conformity purposes. This revocation became effective April 6, 2015. The final rule also shifted the San Joaquin Valley 2008 Ozone Standard attainment date from December 31, 2032 to July 20, 2032; the new attainment year of 2031 must be modeled.

PM2.5

On January 13, 2013, EPA issued a final rule strengthening the primary 1997 Annual PM2.5 standard to 12 micrograms per cubic meter; maintained the 1997 24-hour PM Standards and secondary 1997 annual PM2.5 standard; and maintained the primary and secondary 2006 24-hour PM2.5 standards, effective March 18, 2013. Conformity applies to all standards. EPA’s nonattainment area designations for the 2012 PM2.5 standard became effective on April 15, 2015. Conformity for a given pollutant and standard applies one year after the effective date of EPA’s initial nonattainment designation. Therefore, conformity for the 2012 PM2.5 standard will apply on April 15, 2016. The San Joaquin Valley, which consists of eight counties, was designated nonattainment and classified Moderate with an attainment date of December 31, 2021. It is important to note that the 2012 annual PM2.5 nonattainment area boundary for the San Joaquin Valley is exactly the same as the nonattainment area boundary for the 1997 and 2006 standards.

The San Joaquin Valley has an approved 2008 PM2.5 (1997 Standard) Plan (as revised in 2011) that contains sub-area budgets for PM2.5 and NOx. In accordance with Section 93.109(i)(3) of the federal transportation conformity rule, if a 2012 PM2.5 area has adequate or approved SIP budgets that address the annual 1997 standards, it must use the budget test until new 2012 PM2.5 standard budgets are found adequate or approved. The attainment year of 2021 will be modeled

On January 13, 2015, EPA released its proposed *Approval of San Joaquin Valley Plan and Supplement for the 2006 PM2.5 Standard and Proposed Reclassification to Serious for the 2006 PM2.5 Standard*. In addition, new transportation conformity budgets for the 2006 primary and secondary 24-hour PM2.5 standards are proposed to be approved. At this time, EPA has not finalized the proposed approval of the Plan (including conformity budgets) and reclassification.

The San Joaquin Valley has an approved 2008 PM2.5 (1997 Standard) Plan (as revised in 2011) that contains sub-area budgets for PM2.5 and NOx. In accordance with the EPA Interim Transportation Conformity Guidance for 2006 PM2.5 NAAQS Nonattainment areas, if a 2006 PM2.5 area has adequate or approved SIP budgets that address the 1997 standards, it must use the budget test until new 2006 PM2.5 standard budgets are found adequate or approved.

On March 23, 2015, EPA released its *Proposed Rule for Implementing National Ambient Air Quality Standards for Fine Particles*. The implementation rule proposes three options, one of which could revoke the primary 1997 annual PM2.5 standard, while maintaining the secondary 1997 annual PM2.5 standard. The proposed implementation rule has not been finalized and it is not clear if the standard will be revoked. Note that a revocation of the 1997 primary annual PM2.5 standard will not remove the obligation to demonstrate conformity for the 1997 24-hour PM2.5 standards. The San Joaquin Valley has an approved 2008 PM2.5 (1997 Standard) Plan (as revised in 2011) addressing both versions of the 1997 PM2.5 standards that contains sub-area budgets for PM2.5 and NOx. The applicable conformity test is the emissions budget test. The conformity budgets from Table 5 of the November 9, 2011 Federal Register will be used to demonstrate conformity to both 1997 annual and 24-hour PM2.5 standards.

General

The latest Conformity Analysis for the 2015 FTIP (as amended) and 2014 RTP was federally approved on April 28, 2015. The 2015 Conformity Analysis addresses the new attainment year of 2031 for the 2008 Ozone NAAQS. In addition, this 2015 Conformity Analysis includes a conformity demonstration for the new 2012 PM2.5 standards.

In accordance with the conformity rule, the interagency consultation process is being used for conducting regional emissions analyses and demonstrating conformity for the 2008 Ozone and 2012 PM2.5 standards. Transportation network development and conformity analysis were completed in August, 2015. Public review of the 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards addressing new attainment years occurred in August/September, followed by MPO adoption in October, 2015. The 2015 Conformity Demonstration addressing the 2008 Ozone and 2012 PM2.5 Standards for the 2014 RTP/2015 FTIP Amendment 12 was submitted to FHWA in October for approval on or before December 31, 2015.

Presented first is a review of the air quality designation status, conformity test requirements, and analysis years for this 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards.

A. 2008 OZONE AND 2012 PM2.5 STANDARDS AIR QUALITY DESIGNATIONS APPLICABLE TO THE SAN JOAQUIN VALLEY

The conformity regulation (section 93.102) requires documentation of the applicable pollutants and precursors for which EPA has designated the area nonattainment or maintenance. In addition, the nonattainment or maintenance area and its boundaries should be described.

Kern Council of Governments is located in the federally designated San Joaquin Valley Air Basin. The borders of the basin are defined by mountain and foothill ranges to the east and west. The northern border is consistent with the county line between San Joaquin and Sacramento Counties. The southern border is less defined, but is roughly bounded by the Tehachapi Mountains and, to some extent, the Sierra Nevada range. Conformity for the 2015 FTIP Amendment 12 and 2014 RTP includes analysis of existing and future air quality impacts for each applicable pollutant.

The San Joaquin Valley is currently designated as nonattainment for the 2008 Ozone and 2012 PM2.5 National Ambient Air Quality Standards (NAAQS).

B. 2008 OZONE STANDARD AIR QUALITY DESIGNATIONS APPLICABLE TO THE OTHER AREAS OF KERN COUNTY

In addition to the San Joaquin Valley planning area, Kern County also includes the federally designated Mojave Desert that lies within the Kern County Air Pollution Control District. Conformity for the 2014 RTP/2015 FTIP (as last amended) was federally approved on April 28, 2015 and includes analysis of existing and future air quality impacts for each applicable pollutant for the Mojave Desert region.

C. 2008 OZONE AND 2012 PM2.5 STANDARD CONFORMITY TESTS

Ozone

EPA's final rule implementing the 2008 ozone standard also revoked the 1997 ozone standard for transportation conformity purposes. This revocation is effective April 6, 2015. Areas designated nonattainment for the 2008 ozone standard are required to use any existing adequate or approved SIP motor vehicle emissions budgets for a prior ozone standard until budgets for the 2008 ozone standard are either found adequate or approved. Therefore, when a 2008 ozone nonattainment area has adequate or approved budgets for any ozone standard, the budget test requirements (40 CFR 93.118) must be met.

EPA approved the 2007 Ozone Plan (as revised in 2011) and conformity budgets on March 1, 2012, effective April 30, 2012. The SIP identified both reactive organic gases (ROG) and nitrogen oxides (NOx) subarea budgets in tons per average summer day for each MPO in the nonattainment area. It is important to note that the boundaries for both the 2008 ozone standard and previous ozone standard are identical. Consequently, for this conformity analysis, the SJV MPOs will continue to conduct demonstrations for subarea emissions budgets as established in the 2007 Ozone Plan (as revised in 2011).

The approved conformity budgets from Table 5 of the EPA Federal Register notice are provided in the table below. These budgets will be used for the 2015 Ozone (2008 Standard) Conformity Demonstration.

**Table 1-1:
Approved Budgets from the 2007 Ozone Plan (as revised in 2011)
(Summer tons/day)**

County	2011		2014		2017		2020		2023	
	ROG	NOx	ROG	NOx	ROG	NOx	ROG	NOx	ROG	NOx
Fresno	14.3	36.2	10.7	30.0	9.3	22.6	8.3	17.7	8.0	13.5
Kern (SJV)	12.7	50.3	9.7	42.7	8.7	31.7	8.2	25.1	7.9	18.6
Kings	2.8	10.7	2.1	8.9	1.8	6.7	1.7	5.3	1.6	4.0
Madera	3.4	9.3	2.5	7.7	2.2	5.8	2.0	4.7	1.9	3.6
Merced	5.1	19.9	3.7	16.7	3.2	12.4	2.9	9.9	2.8	7.4
San Joaquin	11.1	24.6	8.4	20.5	7.2	15.6	6.4	12.4	6.3	10.0
Stanislaus	8.5	16.9	6.4	13.9	5.6	10.6	5.0	8.4	4.7	6.4
Tulare	8.8	16.0	6.7	13.2	5.8	10.1	5.3	8.1	4.9	6.2

D. 2008 OZONE CONFORMITY TESTS FOR THE OTHER AREAS OF KERN COUNTY

Under the existing conformity regulation, regional emissions analyses for ozone areas must address nitrogen oxides (NOx) and volatile organic compounds (VOC) precursors. The motor vehicle emission budgets for ozone are specified in the Early Progress Plans for the California State Implementation Plan in tons per average summer day. EPA published the notice of adequacy determination in the Federal Register on November 25, 2008 (effective December 10, 2008). The 2008 motor vehicle emission budgets for ROG and NOx are provided in the table below.

**Table 1-2: Mojave Desert (Eastern Kern County)
Ozone Emissions Budgets
(summer tons / day)**

County	ROG	NOx
Kern – Eastern	5	18

PM2.5

According to Section 93.109(i)(3), areas designated nonattainment for the 2012 PM2.5 standards are required to use existing adequate or approved SIP motor vehicle emissions budgets for a prior annual PM2.5 standard until budgets for the 2012 PM2.5 standards are either found adequate or approved. Therefore, when a 2012 PM2.5 nonattainment area has adequate or approved budgets for a previous annual PM2.5 standard, the budget test requirements (40 CFR 93.118) must be met.

The 2008 PM2.5 (1997 standard) Plan (as revised in 2011) was approved by EPA on November 9, 2011, which contains motor vehicle emission budgets for PM2.5 and NO_x established based on average annual daily emissions, as well as a trading mechanism. The motor vehicle emissions budget for PM2.5 includes directly emitted PM2.5 motor vehicle emissions from tailpipe, brake wear and tire wear. VOC, SO_x, ammonia, and dust (from paved roads, unpaved roads, and road construction) were found to be insignificant and not included in the motor vehicle emission budgets for conformity purposes.

On March 27, 2015 EPA proposed reclassification of the San Joaquin Valley to Serious nonattainment of the 1997 PM2.5 standard. The San Joaquin Valley 2015 PM2.5 Plan (1997 standard) was adopted by ARB on May 21, 2015 and subsequently submitted to EPA on June 25, 2015. The Plan requests reclassification of the San Joaquin Valley nonattainment area to Serious, proposes new conformity budgets, and lays out a strategy to attain the 1997 24-hour PM2.5 standards. No final EPA action has been taken on the plan. As a result, the proposed SIP budgets are assumed to be unavailable for use and the 2008 PM2.5 Plan conformity budgets are the only budgets applicable at this time.

For this Conformity Analysis, the SJV will continue to conduct determinations for subarea emission budgets as established in the 2008 PM2.5 implementation plan. The conformity budgets from Table 5 of the November 9, 2011 Federal Register are provided below and will be used to compare emissions resulting from the 2014 RTP and 2015 FTIP Amendment 12.

**Table 1-2:
On-Road Motor Vehicle PM2.5 Emissions Budgets**
(tons per average annual day)

County	2012		2014	
	PM2.5	NOx	PM2.5	NOx
Fresno	1.5	35.7	1.1	31.4
Kern (SJV)	1.9	48.9	1.2	43.8
Kings	0.4	10.5	0.3	9.3
Madera	0.4	9.2	0.3	8.1
Merced	0.8	19.7	0.6	17.4
San Joaquin	1.1	24.5	0.9	21.6
Stanislaus	0.7	16.7	0.6	14.6
Tulare	0.7	15.7	0.5	13.8

The CARB technical revisions to the motor vehicle emissions budgets also included a trading mechanism that allows trading from the motor vehicle emissions budget for the PM2.5 precursor NOx to the motor vehicle emissions budget for primary PM2.5 using a 9 to 1 ratio. The trading mechanism allows the agencies responsible for demonstrating transportation conformity in the San Joaquin Valley to supplement the 2014 budget for PM-2.5 with a portion of the 2014 budget for NOx, and use these adjusted motor vehicle emissions budgets for PM-2.5 and NOx to demonstrate transportation conformity with the PM2.5 SIP for analysis years after 2014. As noted above, EPA approved the 2008 PM2.5 Plan (as revised in 2011) on November 9, 2011, which includes continued approval of the trading mechanism.

The trading mechanism will be used only for conformity analyses for analysis years after 2014. To ensure that the trading mechanism does not impact the ability to meet the NOx budget, the NOx emission reductions available to supplement the PM2.5 budget shall only be those remaining after the NOx budget has been met.

E. 2008 OZONE AND 2012 PM2.5 CONFORMITY ANALYSIS YEARS

When using the budget test for the 2008 ozone and 2012 PM2.5 standards, the regional emissions analysis is required to be performed for:

- The attainment years for the 2008 ozone and 2012 PM2.5 standards, if they are within the timeframe of the transportation plan and conformity determination,
- The last year of the timeframe of the conformity determination, and
- Intermediate years as necessary, such that analysis years are no more than ten years apart.

In addition, in areas that have budgets for a previous ozone and PM2.5 standards that are established for years in the timeframe of the conformity determination, consistency with those budgets must also be determined.

For the 2008 Ozone Standard, the San Joaquin Valley has been classified as an Extreme nonattainment area with an attainment date of July 20, 2032. The 2032 analysis year will be updated to 2031.

For the 2012 PM2.5 Standard, the San Joaquin Valley has been classified as a Moderate nonattainment area with an attainment date of December 31, 2021. The 2021 analysis year will be modeled.

**Table 1-3:
San Joaquin Valley 2015 Conformity Analysis Years for the 2008 Ozone and 2012 PM2.5 Standards**

Pollutant	Budget Years ¹	Attainment/Maintenance Year	Intermediate Years	RTP Horizon Year
Ozone	2017/2020/2023	2031	NA	2040
PM2.5	NA	2014/2021	2017/2025/2035	2040

¹ Budget years that are not in the time frame of the transportation plan/conformity analysis are not included as analysis years (e.g., 2014), although they may be used to demonstrate conformity.

² Note: 2014 is the attainment year for the 1997 and 2006 PM2.5 standards. 2021 is the attainment year for the 2021 PM2.5 standards.

F. 2015 OZONE (2008 Standard) CONFORMITY ANALYSIS YEARS FOR THE OTHER AREAS OF KERN COUNTY

**Table 1-4: Other Portions of Kern County
Conformity Analysis Years**

Pollutant	Budget Years	Attainment/Maintenance Year	Intermediate Years	RTP Horizon Year
E. Kern Ozone	NA	¹	2015/2025	2040

¹ Since the attainment year is currently 2014 for ozone, which is NOT in the time span of the transportation plan, it is not included as an analysis year, although the ozone budget itself will be used to demonstrate conformity.

CHAPTER 2 LATEST PLANNING ASSUMPTIONS

The transportation conformity rule allows conformity determinations to be based on the latest planning assumptions that are available at the time the conformity analysis begins. According to the conformity rule, the time the conformity analysis begins is “the point at which the MPO or other designated agency begins to model the impact of the proposed transportation plan or TIP on travel and/or emissions”.

The 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards is based on the federally approved 2014 RTP/2015 FTIP Conformity Analysis with updates as appropriate. The interagency consultation process for the 2014 RTP/2015 FTIP and corresponding conformity analysis began in September 2013 and is documented in the current federally approved conformity analysis. Additional interagency consultation was conducted in July 2015 regarding items for the 2015 Conformity Demonstration addressing the 2008 Ozone and 2012 PM2.5 Standards.

In accordance with Section 93.122(g) of the conformity rule, this conformity demonstration relies on the federally approved previous emissions analysis for carbon monoxide, PM-10, and PM2.5 (1997 24-hour & Annual Standards and 2006 24-Hour Standard).

The 2014 RTP/2015 FTIP (as amended) and the latest corresponding conformity analysis was federally approved on April 28, 2015. The previous conformity determinations are incorporated by reference. For this 2015 conformity determination, there are:

- No revisions to the TIP/RTP, including no additions or deletions of regionally significant projects,
- No changes in the design concept and scope of existing regionally significant projects, that require a new regional emissions analysis,
- No revisions that delay or accelerate the completion of regionally significant projects across conformity analysis years, and
- No changes to the time frame of the transportation plan.

In accordance with Section 93.108, the Kern Council of Governments re-affirms that the 2014 RTP and 2015 FTIP Amendment 12 are fiscally constrained with DOT’s metropolitan planning regulations at 23 CFR part 450.

A. SOCIOECONOMIC DATA

There have been no official updates to the socioeconomic projections used by the Valley MPO transportation models since the latest 2014 RTP/2015 FTIP Conformity Analysis. In accordance with Section 93.110 of the federal conformity rule, the most recent estimates of population and employment projections that have been officially approved by the Metropolitan Planning Organization will be used.

B. TRANSPORTATION MODELING

There have been no official updates to the Valley MPO transportation models since the latest 2014 RTP/2015 FTIP Conformity Analysis. The same traffic modeling and networks will be utilized for the 2015 Conformity Demonstration, except for the updated attainment year 2031 which addresses the 2008 Ozone Implementation Rule requirements and the new 2021 attainment year for the 2012 PM2.5 Standards. Travel data for the 2021 and 2031 attainment years have been developed consistent with the federally approved 2014 RTP/2015 FTIP (as last amended).

C. TRAFFIC ESTIMATES

A summary of the population, employment, and travel characteristics for the Kern Council of Governments transportation modeling area for each scenario in the 2015 Conformity Analysis is presented in Table 2-1. Note that the only updates from the federally approved 2014 RTP/ 2015 FTIP Conformity Analysis are the new attainment year 2021 for the 2012 PM2.5 Standards and the revised attainment year 2031 for the 2008 Ozone Standard. Note 2014 is not in the timeframe of the conformity analysis and therefore is not included in the analysis.

**Table 2-1
Traffic Network Comparison for Horizon Years Evaluated in
2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards**

Horizon Year	Total Population (thousands)	Employment (thousands)	Average Weekday VMT (millions)	Total Lane Miles
2017	810.2	282.1	21.4	N/A
2020	855.0	305.9	22.9	5647
2021	870.4	310.9	23.5	N/A
2023	942.6	321.3	24.3	N/A
2025	980.6	331.7	25.7	5748
2031	1091.4	362.3	28.1	N/A
2035	1128.7	383.7	30.1	6886
2040	1199.8	415.6	31.6	6891

Note: Detailed results can be found in Appendix D.

Table 2-2

**Traffic Network Comparison for Horizon Years Evaluated in Conformity Analysis
for Mojave Desert (Eastern Kern)**

Horizon Year	Total Population (thousands)	Employment (thousands)	Average Weekday VMT (millions)	Total Lane Miles
2017	109.5	38.4	3.5	N/A
2025	131.1	46.4	3.7	N/A
2035	148.9	54.1	4.2	N/A
2040	197.7	59.9	4.7	N/A

D. AIR QUALITY MODELING

EMFAC2011

On March 6, 2013 EPA announced the availability of this latest version of the California EMFAC model for use in SIP development in California. EMFAC 2011 was required for conformity use six months thereafter.

In accordance with Section 93.111 the latest emission estimation model (EMFAC 2011) was used in the 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards. The EPA approved methodology for updating the default vehicle activity data was used consistent with the 2014 RTP/2015 FTIP Conformity Analysis.

For the 2015 Conformity Analysis, the methodology consisted of:

- (1) Running EMFAC for the 2031 attainment year for 2008 Ozone using adjusted VMT and speed fraction data.
- (2) Running EMFAC for the 2021 attainment year for 2012 PM2.5 using adjusted VMT and speed fraction data.
- (3) Applying ARB’s Heavy-Duty Diesel Vehicle VMT Recession Adjustment Methodology to EMFAC default vehicle class distributions.
- (4) Estimating ROG and NOx total exhaust emissions for all vehicles for an average summer day for the new analysis year 2031 addressing 2008 Ozone Standard.
- (5) Estimating PM2.5 and NOx total exhaust emissions for all vehicles for an average annual day for the analysis year 2021 addressing 2012 Annual PM2.5 Standards.

- (6) Subtracting control measures estimates for an average summer day contained in the EPA approved 2007 Ozone Plan (as revised in 2011).
- (7) Subtracting control measures estimates for an annual average day contained in the EPA approved 2008 PM2.5 Plan (as revised in 2011) for the 1997 PM2.5 Standard.
- (8) Results rounded to the tenths place; then compared to applicable budgets.

In summary, the regional emissions estimates from the 2014 RTP/2015 FTIP Amendment 12 for the other analysis years (Ozone – 2017, 2020, 2023, and 2040; PM2.5 – 2017, 2025, 2035 and 2040) remain unchanged. Consultation on the general air quality modeling methodology applied in the 2015 Conformity Analysis was the subject of a memorandum distributed on July 15, 2015 for interagency consultation; EPA and FHWA provided concurrence on July 22, 2015.

E. STATE IMPLEMENTATION PLAN MEASURES

The air quality modeling procedures and associated spreadsheets contained in Chapter 3 Air Quality Modeling assume emission reductions consistent with the air quality plans for the 2015 Conformity Analysis addressing the 2008 Ozone Standard and 2012 PM2.5 Standards. The emission reductions assumed for these committed measures reflect the latest implementation status of these measures.

Ozone

Committed control measures in the EPA approved 2007 Ozone Plan (as revised in 2011) that reduce mobile source emissions are shown in Table 2-2.

**Table 2-2
2007 Ozone Plan Measures Assumed in the Conformity Analysis**

Measure Description	Pollutants
Existing Local Reductions: Rule 9310 (School Bus Fleets)	Summer NOx
Existing State Reductions: Carl Moyer Program & AB 1493 GHG Standards	Summer ROG Summer NOx
New/Proposed Local Reductions: Rule 9410 (Employer Based Trip Reduction)	Summer ROG Summer NOx
New/Proposed State Reductions: Smog Check & Reformulated Gasoline (RFG)	Summer ROG Summer NOx

NOTE: This table is consistent with the 2007 8-Hour Ozone Plan (as revised in 2011) which was approved by EPA on March 1, 2012 (effective April 30, 2012). In addition, the ARB “Truck Rule” has been included in EMFAC2011.

PM2.5

Committed control measures in the 2008 PM2.5 Plan (as revised in 2011) that reduce mobile source emissions and are included in the conformity demonstration are shown in Table 2-3.

**Table 2-3:
2008 PM2.5 Plan Measures Assumed in the Conformity Analysis**

Measure Description	Pollutants
Existing Local Reductions: Rule 9310 (School Bus Fleets)	Annual PM2.5 Annual NOx
Existing State Reductions: Carl Moyer Program & AB 1493 GHG Standards	Annual PM2.5 Annual NOx
New/Proposed Local Reductions: Rule 9410 (Employer Based Trip Reduction)	Annual PM2.5 Annual NOx
New/Proposed State Reductions: Smog Check	Annual PM2.5 Annual NOx

NOTE: This table is consistent with the 2008 PM2.5 Plan (as revised in 2011) as approved by EPA on November 9, 2011 (effective January 9, 2012). In addition, the ARB “Truck Rule” has been included in EMFAC2011.

F. AIR QUALITY MODELING APPLICABLE TO THE OTHER AREAS OF KERN COUNTY

For Mojave Desert (Eastern Kern), the model used to estimate emissions for ozone precursors is EMFAC2011 using the methodology described above. In addition, model inputs not dependent on the TIP or RTP are consistent with the applicable SIPs (8-hour Ozone Early Progress Plans for Eastern Kern County).

G. SUMMARY OF PROCEDURES FOR REGIONAL EMISSIONS ESTIMATES

As previously noted, the 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards is based on the 2014 RTP/2015 FTIP (as last amended) with various updates as appropriate. Because EMFAC 2011 continues to be used, previous step-by-step air quality modeling procedures have not been updated; rather the worksheets have been updated as noted below.

The 2014 RTP/2015 FTIP conformity procedures were subject to interagency consultation in September 2013. In July 2015, proposed updates to be used for the 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards were provided for interagency consultation. Concurrence was received from both EPA and FHWA. Updated documentation for the 2015 Conformity Analysis is provided in Appendix D, including:

- Updated 2014 Conformity EMFAC Spreadsheet: new attainment years for the 2008 Ozone and 2012 PM2.5 standards, and
- Updated 2014 Conformity Totals spreadsheet: new demonstration for the 2008 Ozone and 2012 annual PM2.5 standards.

CHAPTER 3 TRANSPORTATION CONTROL MEASURES

The Transportation Conformity Rule (40 CFR 93.113) requires that the TIP/RTP “must provide for the timely implementation of TCMs in the applicable implementation plan.” The 2014 RTP/2015 FTIP Conformity Document (as amended) included a summary of requirements, applicable implementation plans, and findings.

The Project TID table that was prepared at the request of FHWA for the 2004 Conformity Analysis has been updated in each subsequent conformity analysis. In addition, a new 2002 RACM TID Table was prepared in 2006 to address the more general RACM commitments that require additional timely implementation documentation per EPA. As part of the 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards, the SJV MPOs have updated both the Project TID table and RACM TID tables contained in Appendix E of the federally approved 2014 RTP/2015 FTIP.

The project status has been updated for projects that were to be completed in 2015. In addition, the update confirms that projects identified in the Timely Implementation Documentation table have not been deleted from the TIP. Justification has been provided for any project implementation delays as well as the proposed approach to resolve.

Since there is no “new” RTP development with the 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards, there will be no update with respect to the inclusion of additional long-range local government control measures.

Other Portions of Kern: No TCMs are included in the air quality plans for the Mojave Desert (Eastern Kern) nonattainment area that lies within the jurisdiction of the Kern County APCD.

CHAPTER 4 INTERAGENCY CONSULTATION

The requirements for consultation procedures are listed in section 93.105 of the transportation conformity rule. Consultation is necessary to ensure communication and coordination among air and transportation agencies at the local, state and federal levels on issues that would affect the conformity analysis such as the underlying assumptions and methodologies used to prepare the analysis.

A summary of the interagency consultation and public consultation conducted to comply with these requirements is provided below. Interagency consultation on the 2015 Conformity Analysis addressing 2008 Ozone and 2012 PM2.5 Standards for the 2014 RTP/2015 FTIP Amendment 12 is documented in Appendix C. Appendix F includes the public hearing process documentation. The responses to comments received as part of the public comment process are included in Appendix G.

A. INTERAGENCY CONSULTATION

Consultation is generally conducted through the San Joaquin Valley Interagency Consultation Group (combination of previous Model Coordinating Committee and Programming Coordinating Group). The San Joaquin Valley Interagency Consultation (IAC) Group has been established by the Valley Transportation Planning Agency's Director's Association to provide a coordinated approach to valley transportation planning and programming (Transportation Improvement Program, Regional Transportation Plan, and Amendments), transportation conformity, climate change, and air quality (State Implementation Plan and Rules). The purpose of the group is to ensure Valley wide coordination, communication and compliance with Federal and California Transportation Planning and Clean Air Act requirements. Each of the eight Valley MPOs and the Air District are represented. In addition, the Federal Highway Administration, Federal Transit Administration, the Environmental Protection Agency, the California Air Resources Board and Caltrans (Headquarters, District 6, and District 10) are all represented. The IAC Group meets approximately quarterly.

On July 15, 2015, a memo describing the approach for the 2015 Conformity Demonstration addressing the 2008 Ozone and 2012 PM2.5 standards was distributed to the IAC for review and comment. This memo included as summary of the requirements and documentation on the proposed approach including the following: latest planning assumptions and transportation modeling, air quality modeling, transportation control measures, and conformity documentation. No comments were received; concurrence was received from EPA and FHWA on July 22, 2015.

The boilerplate conformity document was distributed for interagency consultation in August 2015. Comments received have been addressed in the response to comments contained in Appendix G and/or in this document as appropriate.

The Draft 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 was released on August 28, 2015 for a 30-day public comment period, followed by Board adoption on October 15, 2015. Federal approval of the 2015 Conformity Analysis is anticipated in December, 2015.

B. PUBLIC CONSULTATION

In general, agencies making conformity demonstrations shall establish a proactive public involvement process that provides opportunity for public review and comment on a conformity demonstrations for TIPs/RTPs. In addition, all public comments must be addressed in writing.

All MPOs in the San Joaquin Valley have standard public involvement procedures. In general the TIP/RTP and corresponding conformity analysis are the subject of a public notice and 30-day review period prior to adoption. A public hearing is also conducted prior to adoption and all public comments are responded to in writing. The Appendices contain corresponding documentation supporting the public involvement procedures.

CHAPTER 5 TIP AND RTP 2008 OZONE AND 2012 PM2.5 STANDARDS CONFORMITY

The principal requirements of the federal transportation conformity rule for TIP/RTP assessments are: (1) for the 2008 Ozone standard, when emissions budgets are available, the TIP and RTP pass the emissions budget for the new attainment year 2031, (2) for the 2012 PM2.5 standards, when emissions budgets are available, the TIP and RTP pass the emissions budget for the attainment year 2021 (3) the latest planning assumptions and emission models must be employed; (4) the TIP and RTP must provide for the timely implementation of transportation control measures (TCMs) specified in the applicable air quality implementation plans; and (5) consultation. The final determination of conformity for the TIP/RTP is the responsibility of the Federal Highway Administration and the Federal Transit Administration within U.S. DOT.

In accordance with Section 93.122(g), this conformity demonstration relies on the federally approved previous emissions analysis for carbon monoxide, PM-10, and PM2.5 (1997 24-hour & Annual Standards and 2006 24-Hour Standard). The latest 2014 RTP/2015 FTIP Air Quality Conformity Analysis is incorporated by reference and is available at <http://www.kerncog.org/publications/regional-transportation-aq-conformity>. Additional copies will be provided upon request.

In accordance with Section 93.108, Kern Council of Governments re-affirms that the 2014 RTP and 2015 FTIP Amendment 12 are fiscally constrained with DOT's metropolitan planning regulations at 23 CFR part 450.

The previous chapters and the appendices present the documentation for all of the requirements listed above for conformity determinations except for the conformity test results. Prior chapters have also addressed the updated documentation required under the federal transportation conformity rule for the latest planning assumptions and the implementation of transportation control measures specified in the applicable air quality implementation plans.

This chapter presents the results of the 2008 Ozone and 2012 PM2.5 conformity tests, satisfying the remaining requirement of the federal transportation conformity rule. The applicable conformity tests were reviewed in Chapter 1. For each test, the required emissions estimates were developed using the transportation and emission modeling approaches required under the federal transportation conformity rule and summarized in Chapter 2. The results are summarized below, followed by a more detailed discussion of the findings for each pollutant. Table 5-1 presents emissions results for the 2008 Ozone Standard (ROG and NOx) and emissions results for the 2012 PM2.5 Standard (PM2.5 and NOx) demonstrations in tons per average summer or annual day, as applicable for each of the analysis years tested.

For the 2008 Ozone Standard, the applicable conformity test is the emissions budget test, using the 2007 Ozone Plan (as revised in 2011) budgets established for ROG and NOx for an average summer (ozone) season day. EPA approved the Plan and conformity budgets (as revised in 2011) on March 1, 2012, effective April 30, 2012. The modeling results for all analysis years indicate that the on-road vehicle ROG and NOx emissions predicted for each of the "Build" scenarios are less than the emissions budgets. The TIP/RTP therefore satisfy the conformity emissions test for

the 2008 Ozone standard.

For 2012 PM2.5 Standards, the applicable conformity test is the emissions budget test, using the 2008 PM2.5 Plan (1997 standard) budgets established for PM2.5 and NOx for an average annual (PM2.5) day. EPA approved the 2008 PM2.5 Plan (as revised in 2011) November 9, 2011, effective January 9, 2012. The modeling results for all analysis years indicate that the on-road vehicle PM2.5 and NOx emissions predicted for the “Build” scenarios are less than the emissions budget. The TIP/RTP therefore satisfy the conformity emissions test for the 2012 PM2.5 Standards.

In addition to the San Joaquin Valley planning area, Kern County also includes the federally designated Mojave Desert nonattainment area that lies within the Kern County Air Pollution Control District.

For Mojave Desert ozone area, the applicable conformity test is the emissions budget test, using the 8-hour ozone Early Progress Plans for the California State Implementation Plan budgets established for ROG and NOx for an average summer (ozone) season day. EPA published the notice of adequacy determination in the Federal Register on November 25, 2008, effective December 10, 2008. The modeling results for all analysis years indicate that the on-road vehicle ROG and NOx emissions predicted for each of the “Build” scenarios are less than the emissions budgets for 2008. The TIP/RTP therefore satisfy the conformity emissions test for volatile organic compounds and nitrogen oxides.

As all requirements of the Transportation Conformity Rule have been satisfied, a finding of conformity for the 2008 Ozone and 2012 PM2.5 standards is supported for the 2014 RTP/ 2015 FTIP Amendment 12.

**Table 5-1:
Conformity Results Summary**

2014 RTP Conformity Results Summary -- KERN

Pollutant	Scenario	Emissions Total		DID YOU PASS?	
		ROG (tons/day)	NOx (tons/day)	ROG	NOx
2008 Ozone Standards	2017 Budget	8.7	31.7		
	2017	6.1	27.7	YES	YES
	2020 Budget	8.2	25.1		
	2020	5.6	22.5	YES	YES
	2023 Budget	7.9	18.6		
	2023	5.4	16.6	YES	YES
	2031	5.2	16.9	YES	YES
	2040	5.6	18.5	YES	YES
2012 PM2.5 Standards	2014 Budget	1.2	43.8		
	2017	0.9	29.1	YES	YES
	2014 Budget	1.2	43.8		
	2021	0.9	20.8	YES	YES
	2014 Budget	1.2	43.8		
	2025	1.0	17.7	YES	YES
	2014 Budget	1.2	43.8		
	2035	1.2	18.3	YES	YES
	2014 Budget	1.3	42.9		
	2040	1.3	19.2	YES	YES

2014 RTP Conformity Results Summary -- KERN (Mojave Desert)

Pollutant	Scenario	Emissions Total		DID YOU PASS?	
		ROG (tons/day)	NOx (tons/day)	ROG	NOx
2008 Ozone Standards	2008 Budget	5	18		
	2017	1	3	YES	YES
	2025	1	2	YES	YES
	2035	1	1	YES	YES
	2040	1	2	YES	YES

REFERENCES

EPA, 2012. Guidance for Transportation Conformity Implementation in Multi-Jurisdictional Nonattainment and Maintenance Areas. U.S. Environmental Protection Agency. EPA-420-B-12-046. July 2012.

EPA, 2015. Implementation of the 2008 National Ambient Air Quality Standards for Ozone: State Implementation Plan Requirements. Final Rule. U.S. Environmental Protection Agency. Vol. 80. No. 44. March 6, 2015.

EPA, 2015. Fine Particulate Matter National Ambient Air Quality Standards: State Implementation Plan Requirements. Proposed Rule. U.S. Environmental Protection Agency. Vol. 80. No. 55. March 23, 2015.

APPENDIX A

CONFORMITY CHECKLIST

CONFORMITY ANALYSIS DOCUMENTATION

FHWA Checklist for MPO TIPs/RTPs

June 27, 2005

40 CFR	Criteria	Page	Comments
§93.102	Document the applicable pollutants and precursors for which EPA designates the area as nonattainment or maintenance. Describe the nonattainment or maintenance area and its boundaries.	Ch. 1	2014 RTP/2015 FTIP Ch. 1
§93.104 (b, c)	Document the date that the MPO officially adopted, accepted or approved the TIP/RTP and made a conformity determination. Include a copy of the MPO resolution. Include the date of the last prior conformity finding.	E.S.	2014 RTP/2015 FTIP E.S.
§93.104 (e)	If the conformity determination is being made to meet the timelines included in this section, document when the new motor vehicle emissions budget was approved or found adequate.	N/A	
§93.106 (a)(2)ii	Describe the regionally significant additions or modifications to the existing transportation network that are expected to be open to traffic in each analysis year. Document that the design concept and scope of projects allows adequate model representation to determine intersections with regionally significant facilities, route options, travel times, transit ridership and land use.	N/A App B has been updated to include 2032	2014 RTP/2015 FTIP Ch. 2, App. B
§93.108	Document that the TIP/RTP is financially constrained (23 CFR 450).	E.S.	2014 RTP/2015 FTIP E.S.
§93.109 (a, b)	Document that the TIP/RTP complies with any applicable conformity requirements of air quality implementation plans (SIPs) and court orders.	Ch. 1, 2, 3, 5	2014 RTP/2015 FTIP Ch. 1, 2, 3, 4, 5, 6
§93.109 (c-k)	Provide either a table or text description that details, for each pollutant and precursor, whether the interim emissions tests and/or the budget test apply for conformity. Indicate which emissions budgets have been found adequate by EPA, and which budgets are currently applicable for what analysis years.	Ch. 1	2014 RTP/2015 FTIP Ch. 1
§93.110 (a, b)	Document the use of latest planning assumptions (source and year) at the “time the conformity analysis begins,” including current and future population, employment, travel and congestion. Document the use of the most recent available vehicle registration data. Document the date upon which the conformity analysis was begun.	Ch. 2	2014 RTP/2015 FTIP Ch. 2
USDOT/EP A guidance	Document the use of planning assumptions less than five years old. If unable, include written justification for the use of older data. (1/18/02)	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.110 (c,d,e,f)	Document any changes in transit operating policies and assumed ridership levels since the previous conformity determination. Document the use of the	Ch. 2	2014 RTP/2015 FTIP Ch. 2

40 CFR	Criteria	Page	Comments
	latest transit fares and road and bridge tolls. Document the use of the latest information on the effectiveness of TCMs and other SIP measures that have been implemented. Document the key assumptions and show that they were agreed to through Interagency and public consultation.		
§93.111	Document the use of the latest emissions model approved by EPA.	Ch. 2	2014 RTP/2015 FTIP Ch. 3
§93.112	Document fulfillment of the interagency and public consultation requirements outlined in a specific implementation plan according to §51.390 or, if a SIP revision has not been completed, according to §93.105 and 23 CFR 450. Include documentation of consultation on conformity tests and methodologies as well as responses to written comments.	Ch. 4	2014 RTP/2015 FTIP Ch. 5
§93.113	Document timely implementation of all TCMs in approved SIPs. Document that implementation is consistent with schedules in the applicable SIP and document whether anything interferes with timely implementation. Document any delayed TCMs in the applicable SIP and describe the measures being taken to overcome obstacles to implementation.	Ch. 3, App. E	2014 RTP/2015 FTIP Ch. 4, App. E
§93.114	Document that the conformity analyses performed for the TIP is consistent with the analysis performed for the Plan, in accordance with 23 CFR 450.324(f)(2).	Analysis addresses both documents	2014 RTP/2015 FTIP Analysis addresses both documents
§93.118 (a, c, e)j	<u>For areas with SIP budgets:</u> Document that emissions from the transportation network for each applicable pollutant and precursor, including projects in any associated donut area that are in the Statewide TIP and regionally significant non-Federal projects, are consistent with any adequate or approved motor vehicle emissions budget for all pollutants and precursors in applicable SIPs.	Ch. 5	2014 RTP/2015 FTIP Ch. 6
§93.118 (b)	Document for which years consistency with motor vehicle emissions budgets must be shown.	Ch. 1	2014 RTP/2015 FTIP Ch. 1
§93.118 (d)	Document the use of the appropriate analysis years in the regional emissions analysis for areas with SIP budgets, and the analysis results for these years. Document any interpolation performed to meet tests for years in which specific analysis is not required.	Ch. 5	2014 RTP/2015 FTIP Ch. 6
§93.119 ¹	<u>For areas without applicable SIP budgets:</u> Document that emissions from the transportation network for each applicable pollutant and precursor, including projects in any associated donut area that are in the Statewide TIP and regionally significant non-Federal projects, are consistent with the requirements of the “Action/Baseline”, “Action/1990” and/or “Action/2002” interim emissions tests as applicable.	N/A	N/A
§93.119 (g)	Document the use of the appropriate analysis years in the regional emissions analysis for areas without applicable SIP budgets.	N/A	N/A
§93.119 (h,i)	Document how the baseline and action scenarios are defined for each analysis year.	N/A	N/A
§93.122 (a)(1)	Document that all regionally significant federal and non-Federal projects in the nonattainment/maintenance area are explicitly modeled in the regional emissions analysis. For each project, identify by which analysis it will be open to	Ch. 2, App B	2014 RTP/2015 FTIP Ch. 2, App B

40 CFR	Criteria	Page	Comments
	traffic. Document that VMT for non-regionally significant Federal projects is accounted for in the regional emissions analysis		
§93.122 (a)(2, 3)	Document that only emission reduction credits from TCMs on schedule have been included, or that partial credit has been taken for partially implemented TCMs. Document that the regional emissions analysis only includes emissions credit for projects, programs, or activities that require regulatory action if: the regulatory action has been adopted; the project, program, activity or a written commitment is included in the SIP; EPA has approved an opt-in to the program, EPA has promulgated the program, or the Clean Air Act requires the program (indicate applicable date). Discuss the implementation status of these programs and the associated emissions credit for each analysis year.	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (a)(4,5,6)	For nonregulatory measures that are not included in the STIP, include written commitments from appropriate agencies. Document that assumptions for measures outside the transportation system (e.g. fuels measures) are the same for baseline and action scenarios. Document that factors such as ambient temperature are consistent with those used in the SIP unless modified through interagency consultation.	N/A	N/A
§93.122 (b)(1)(i) ⁱⁱ	Document that a network-based travel model is in use that is validated against observed counts for a base year no more than 10 years before the date of the conformity determination. Document that the model results have been analyzed for reasonableness and compared to historical trends and explain any significant differences between past trends and forecasts (for per capita vehicle-trips, VMT, trip lengths mode shares, time of day, etc.).	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (b)(1)(ii) ²	Document the land use, population, employment, and other network-based travel model assumptions.	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (b)(1)(iii) ²	Document how land use development scenarios are consistent with future transportation system alternatives, and the reasonable distribution of employment and residences for each alternative.	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (b)(1)(iv) ²	Document use of capacity sensitive assignment methodology and emissions estimates based on a methodology that differentiates between peak and off-peak volumes and speeds, and bases speeds on final assigned volumes.	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (b)(1)(v) ²	Document the use of zone-to-zone travel impedances to distribute trips in reasonable agreement with the travel times estimated from final assigned traffic volumes. Where transit is a significant factor, document that zone-to-zone travel impedances used to distribute trips are used to model mode split.	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (b)(1)(vi) ²	Document how travel models are reasonably sensitive to changes in time, cost, and other factors affecting travel choices.	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (b)(2) ²	Document that reasonable methods were used to estimate traffic speeds and delays in a manner sensitive to the estimated volume of travel on each roadway segment represented in the travel model.	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (b)(3) ²	Document the use of HPMS, or a locally developed count-based program or procedures that have been	Ch. 2	2014 RTP/2015 FTIP Ch. 2

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40 CFR	Criteria	Page	Comments
	chosen through the consultation process, to reconcile and calibrate the network-based travel model estimates of VMT.		
§93.122 (d)	In areas not subject to §93.122(b), document the continued use of modeling techniques or the use of appropriate alternative techniques to estimate vehicle miles traveled	Ch. 2	2014 RTP/2015 FTIP Ch. 2
§93.122 (e, f)	Document, in areas where a SIP identifies construction-related PM10 or PM2.5 as significant pollutants, the inclusion of PM10 and/or PM2.5 construction emissions in the conformity analysis.	N/A	2014 RTP/2015 FTIP Ch. 3
§93.122 (g)	If appropriate, document that the conformity determination relies on a previous regional emissions analysis and is consistent with that analysis.	E.S., Ch. 2, Ch. 5	N/A
§93.126, §93.127, §93.128	Document all projects in the TIP/RTP that are exempt from conformity requirements or exempt from the regional emissions analysis. Indicate the reason for the exemption (Table 2, Table 3, traffic signal synchronization) and that the interagency consultation process found these projects to have no potentially adverse emissions impacts.	Ch. 2, App B	2014 RTP/2015 FTIP Ch. 2, App B

ⁱ Note that some areas are required to complete both interim emissions tests.

ⁱⁱ 40 CFR 93.122(b) refers only to serious, severe and extreme ozone areas and serious CO areas above 200,000 population

Disclaimers

This checklist is intended solely as an informational guideline to be used in reviewing Transportation Plans and Transportation Improvement Programs for adequacy of their conformity documentation. It is in no way intended to replace or supersede the Transportation Conformity regulations of 40 CFR Parts 51 and 93, the Statewide and Metropolitan Planning Regulations of 23 CFR Part 450 or any other EPA, FHWA or FTA guidance pertaining to transportation conformity or statewide and metropolitan planning. This checklist is not intended for use in documenting transportation conformity for individual transportation projects in nonattainment or maintenance areas. 40 CFR Parts 51 and 93 contain additional criteria for project-level conformity determinations. **Document #46711**

APPENDIX B
TRANSPORTATION PROJECT LISTING

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled																	
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)							
										17	20	21	23	25	31	35	40
44	Bakersfield	SJV		CALIFORNIA	N ST	Q ST				3	3	3	3	3	3	3	3
45	Bakersfield	SJV		CALIFORNIA	Q ST	UNION				3	3	3	3	3	3	3	3
46	Bakersfield	SJV		CALIFORNIA	UNION	BAKER				3	3	3	3	3	3	3	3
47	Bakersfield	SJV		CALIFORNIA	BAKER	KING				3	3	3	3	3	3	3	3
48	Bakersfield	SJV		CALIFORNIA	KING	BEALE				3	3	3	3	3	3	3	3
49	Bakersfield	SJV		CALIFORNIA	BEALE	HALEY				3	3	3	3	3	3	3	3
50	Bakersfield	SJV		CALIFORNIA	HALEY	WASHINGTON				2	2	2	2	2	2	2	2
51	Bakersfield	SJV		CASA LOMA	UNION	MADISON				1	1	2	2	2	2	2	2
52	Bakersfield	SJV		CASA LOMA	MADISON	COTTONWOOD				1	1	2	2	2	2	2	2
53	Bakersfield	SJV		CASA LOMA	COTTONWOOD	WASHINGTON				1	1	2	2	2	2	2	2
54	Bakersfield	SJV		CASA LOMA	WASHINGTON	FAIRFAX				0	0	0	0	0	2	2	2
55	Bakersfield	SJV		CHESTER	34TH ST	COLUMBUS				2	2	2	2	2	2	2	2
56	Bakersfield	SJV		CHESTER	30TH ST	34TH ST				2	2	2	2	2	2	2	2
57	Bakersfield	SJV		CHESTER	SR178					2	2	2	2	2	2	2	2
58	Bakersfield	SJV		COFFEE	7TH STANDARD	ETCHART	Add Lanes	Local		1	2	2	2	2	3	3	3
59	Bakersfield	SJV		COFFEE	ETCHART	SNOW	Add Lanes	Local		1	2	2	2	2	3	3	3
60	Bakersfield	SJV		COFFEE	NORRIS	OLIVE	Add Lanes	Local		2	2	2	2	2	3	3	3
61	Bakersfield	SJV		COFFEE	OLIVE	HAGEMAN				3	3	3	3	3	3	3	3
62	Bakersfield	SJV		COFFEE	HAGEMAN	MEANY				3	3	3	3	3	3	3	3
63	Bakersfield	SJV		COFFEE	MEANY	DOWNING				3	3	3	3	3	3	3	3
64	Bakersfield	SJV		COFFEE	DOWNING	GRANITE FALLS				3	3	3	3	3	3	3	3
65	Bakersfield	SJV		COFFEE	GRANITE FALLS	SR58				3	3	3	3	3	3	3	3
66	Bakersfield	SJV		COFFEE	SR58	BRIMHALL				3	3	3	3	3	3	3	3
67	Bakersfield	SJV		COFFEE	BRIMHALL	WESTSIDE PARKWAY				3	3	3	3	3	3	3	3
68	Bakersfield	SJV		COFFEE	WESTSIDE PARKWAY	TRUXTUN				3	3	3	3	3	3	3	3
69	Bakersfield	SJV		COFFEE	TRUXTUN	STOCKDALE				3	3	3	3	3	3	3	3
70	Bakersfield	SJV		CENTENNIAL CORRIDOR	SR 58	WESTSIDE PARKWAY	New Freeway	KER08RTP020	\$698,000	0	3	3	3	3	3	3	3
71	Bakersfield	SJV		COTTONWOOD	SR 58	PANAMA RD				1	1	1	1	1	2	2	2
72	Bakersfield	SJV		FAIRFAX RD	ALFRED HARRELL HIGH	PALADINO DR				1	1	1	1	2	2	2	2
73	Bakersfield	SJV		FAIRFAX RD	REDBANK RD	PANAMA LN				1	1	1	1	1	2	2	2
74	Bakersfield	SJV		FAIRVIEW RD	MONITOR ST	SOUTH UNION AVE				1	1	1	1	1	2	2	2
75	Bakersfield	SJV		GOSFORD	SR119	MC KEE	Add Lanes	Local		1	2	2	2	2	2	2	2
76	Bakersfield	SJV		GOSFORD	MC KEE	MC CUTCHEN	Add Lanes	Local		1	2	2	2	2	2	2	2
77	Bakersfield	SJV		GOSFORD	MC CUTCHEN	PANAMA LN	Add Lanes	Local		1	2	2	2	2	2	2	2
78	Bakersfield	SJV		GOSFORD	PANAMA LN	HARRIS				3	3	3	3	3	3	3	3
79	Bakersfield	SJV		GOSFORD	HARRIS	PACHECO				3	3	3	3	3	3	3	3
80	Bakersfield	SJV		GOSFORD	PACHECO	DISTRICT				3	3	3	3	3	3	3	3
81	Bakersfield	SJV		GOSFORD	DISTRICT	WHITE LN				3	3	3	3	3	3	3	3
82	Bakersfield	SJV		GOSFORD	WHITE LN	S LAURELGLEN				3	3	3	3	3	3	3	3
83	Bakersfield	SJV		GOSFORD	S LAURELGLEN	N LAURELGLEN				3	3	3	3	3	3	3	3
84	Bakersfield	SJV		GOSFORD	N LAURELGLEN	MING				3	3	3	3	3	3	3	3
85	Bakersfield	SJV		GOSFORD	MING	CAMINO MEDIA				3	3	3	3	3	3	3	3
86	Bakersfield	SJV		GOSFORD	CAMINO MEDIA	STOCKDALE				3	3	3	3	3	3	3	3

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
87	Bakersfield	SJV		HAGEMAN	ALLEN	OLD FARM				2	2	3	3	3	3	3	3
88	Bakersfield	SJV		HAGEMAN	OLD FARM	JEWETTA				2	2	3	3	3	3	3	3
89	Bakersfield	SJV		HAGEMAN	JEWETTA	VERDUGO				2/1	2/1	3	3	3	3	3	3
90	Bakersfield	SJV		HAGEMAN	VERDUGO	CALLOWAY				3	3	3	3	3	3	3	3
91	Bakersfield	SJV		HAGEMAN	CALLOWAY	MAIN PLAZA				3	3	3	3	3	3	3	3
92	Bakersfield	SJV		HAGEMAN	MAIN PLAZA	RIVERLAKES				3	3	3	3	3	3	3	3
93	Bakersfield	SJV		HAGEMAN	RIVERLAKES	COFFEE				3	3	3	3	3	3	3	3
94	Bakersfield	SJV		HAGEMAN	COFFEE	PATTON				3	3	3	3	3	3	3	3
95	Bakersfield	SJV		HAGEMAN	PATTON	FRUITVALE				3	3	3	3	3	3	3	3
96	Bakersfield	SJV		HAGEMAN	FRUITVALE	MOHAWK				3	3	3	3	3	3	3	3
97	Bakersfield	SJV		HAGEMAN	MOHAWK	KNUDSEN DR				2	2	2	2	2	2	2	3
98	Bakersfield	SJV		HAGEMAN	KNUDSEN DR	SR 99	New Ramps	KER08RTP013	\$68,900,000	0	2	2	2	2	2	3	3
99	Bakersfield	SJV		HOSKING	BUENA VISTA	GOSFORD				1	1	1	1	2	2	2	2
100	Bakersfield	SJV		HOSKING	GOSFORD	STINE				1	1	2	2	2	2	2	2
101	Bakersfield	SJV		HOSKING	STINE	AKERS RD				1	2	2	2	2	2	2	2
102	Bakersfield	SJV		HOSKING	AKERS RD	WIBLE RD				2	2	2	2	2	2	2	2
103	Bakersfield	SJV		HOSKING	WIBLE RD	SO. H ST	Interchange Impr	KER08RTP009	\$31,000,000	2	2	3	3	3	3	3	3
104	Bakersfield	SJV		HOSKING	SO. H ST	UNION				1	2	2	2	2	2	2	2
105	Bakersfield	SJV		JEWETTA AVE	SNOW	HAGEMAN				2	2	2	2	2	2	2	2
106	Bakersfield	SJV		JEWETTA AVE	HAGEMAN	MEACHAM				1	2	2	2	2	2	2	2
107	Bakersfield	SJV		MANOR	ROBERTS LN	UNION				2	2	2	2	2	2	2	2
108	Bakersfield	SJV		MASTERSON ST	ALFRED HARRELL HWY	PALADINO DR				0	2	2	2	2	2	2	2
109	Bakersfield	SJV		MASTERSON ST	PALADINO DR	SR 178				2	2	2	2	2	2	2	2
110	Bakersfield	SJV		MING AVE	WEST BELTWAY	S ALLEN				0	2	2	2	2	2	2	2
111	Bakersfield	SJV		MING AVE	S ALLEN	BUENA VISTA				2	2	2	2	2	2	2	2
112	Bakersfield	SJV		MING AVE	BUENA VISTA	GRAND LAKES				3	3	3	3	3	3	3	3
113	Bakersfield	SJV		MING AVE	GRAND LAKES	OLD RIVER RD				3	3	3	3	3	3	3	3
114	Bakersfield	SJV		MING AVE	OLD RIVER RD	HAGGIN OAKS				3	3	3	3	3	3	3	3
115	Bakersfield	SJV		MING AVE	HAGGIN OAKS	GOSFORD				3	3	3	3	3	3	3	3
116	Bakersfield	SJV		MING AVE	GOSFORD	EL PORTAL				3	3	3	3	3	3	3	3
117	Bakersfield	SJV		MING AVE	EL PORTAL	ASHE				3	3	3	3	3	3	3	3
118	Bakersfield	SJV		MING AVE	ASHE	NEW STINE				3	3	3	3	3	3	3	3
119	Bakersfield	SJV		MING AVE	NEW STINE	STINE RD				3	3	3	3	3	3	3	3
120	Bakersfield	SJV		MING AVE	STINE	AKERS				3	3	3	3	3	3	3	3
121	Bakersfield	SJV		MING AVE	AKERS	REAL				3	3	3	3	3	3	3	3
122	Bakersfield	SJV		MING AVE	REAL	WIBLE				3	3	3	3	3	3	3	3
123	Bakersfield	SJV		MING AVE	WIBLE	HUGHES LN				3	3	3	3	3	3	3	3
124	Bakersfield	SJV		MING AVE	HUGHES LN	H ST				2	2	2	2	2	2	2	2
125	Bakersfield	SJV		MING AVE	H ST	CHESTER				2	2	2	2	2	2	2	2
126	Bakersfield	SJV		MING AVE	CHESTER	P ST				2	2	2	2	2	2	2	2
127	Bakersfield	SJV		MING AVE	P ST	UNION				2	2	2	2	2	2	2	2
128	Bakersfield	SJV		MOHAWK	HAGEMAN	DOWNING				3	3	3	3	3	3	3	3
129	Bakersfield	SJV		MOHAWK	ROSEDALE	TRUXTUN	New Arterial	KER08RTP004	\$377,000,000	3	3	3	3	3	3	3	3

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled																	
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)							
										17	20	21	23	25	31	35	40
130	Bakersfield	SJV		MOHAWK	SR 58	SR 58/Rosedale Highway 0.5 mi s/o				3	3	3	3	3	3	3	3
131	Bakersfield	SJV		MONTEREY	UNION	ALTA VISTA				3	3	3	3	3	3	3	3
132	Bakersfield	SJV		MONTEREY	ALTA VISTA	BAKER				3	3	3	3	3	3	3	3
133	Bakersfield	SJV		MONTEREY	BAKER	BEALE				3	3	3	3	3	3	3	3
134	Bakersfield	SJV		MONTEREY	BEALE	HALEY				3	3	3	3	3	3	3	3
135	Bakersfield	SJV		MONTEREY	HALEY	NILES				3	3	3	3	3	3	3	3
136	Bakersfield	SJV		MORNING DR	ALFRED HARRELL HWY	PALADINO DR				0	0	0	0	1	1	1	1
137	Bakersfield	SJV		MORNING DR	PALADINO DR	SR 178				1	2	2	2	2	2	2	2
138	Bakersfield	SJV		MORNING DR	SR 178	COLLEGE				1	1	1	1	1	1	1	1
139	Bakersfield	SJV		MT VERNON	COLUMBUS	SR178				2	2	2	2	2	2	2	2
140	Bakersfield	SJV		MT VERNON	SR58	BELLE TERRACE				2	2	2	2	2	2	2	2
141	Bakersfield	SJV		MT VERNON	BELLE TERRACE	CASA LOMA DR				2	2	2	2	2	2	2	2
142	Bakersfield	SJV		MT VERNON	WHITE LN/MULLER RD	PANAMA LN				0	0	0	0	0	0	1	1
143	Bakersfield	SJV		N. CHESTER	COLUMBUS	BEARDSLEY				2	2	2	2	2	2	2	2
144	Bakersfield	SJV		NEW STINE RD	WILSON	MING				3	3	3	3	3	3	3	3
145	Bakersfield	SJV		NEW STINE RD	MING	SUNDALE				3	3	3	3	3	3	3	3
146	Bakersfield	SJV		NEW STINE RD	SUNDALE	BELLE TERRACE				3	3	3	3	3	3	3	3
147	Bakersfield	SJV		NEW STINE RD	BELLE TERRACE	STOCKDALE				3	3	3	3	3	3	3	3
148	Bakersfield	SJV		NILES	UNION	ALTA VISTA				3	3	3	3	3	3	3	3
149	Bakersfield	SJV		NILES	ALTA VISTA	BAKER				3	3	3	3	3	3	3	3
150	Bakersfield	SJV		NILES	BAKER	BEALE				3	3	3	3	3	3	3	3
151	Bakersfield	SJV		NILES	BEALE	HALEY				3	3	3	3	3	3	3	3
152	Bakersfield	SJV		NILES	HALEY	MONTEREY				3	3	3	3	3	3	3	3
153	Bakersfield	SJV		OAK ST	CALIFORNIA AVE	SR 178 / 24th ST				2	2	2	2	2	3	3	3
154	Bakersfield	SJV		OLD_RIVER	STOCKDALE	CAMINO MEDIA				3	3	3	3	3	3	3	3
155	Bakersfield	SJV		OLD_RIVER	CAMINO MEDIA	MING				3	3	3	3	3	3	3	3
156	Bakersfield	SJV		OLD_RIVER	MING	WHITE LN				3	3	3	3	3	3	3	3
157	Bakersfield	SJV		OLD_RIVER	WHITE LN	CAMPUS PARK	Add Lanes	Local		3	3	3	3	3	3	3	3
158	Bakersfield	SJV		OLD_RIVER	CAMPUS PARK	PACHECO	Add Lanes	Local		3	3	3	3	3	3	3	3
159	Bakersfield	SJV		OLD_RIVER	PACHECO	HARRIS	Add Lanes	Local		3	3	3	3	3	3	3	3
160	Bakersfield	SJV		OLD_RIVER	HARRIS	PANAMA LN	Add Lanes	Local		2	2	2	2	2	2	2	2
161	Bakersfield	SJV		OLD_RIVER	PANAMA LN	BERKSHIRE	Add Lanes	Local		1	1	1	1	2	2	2	2
162	Bakersfield	SJV		OLD_RIVER	BERKSHIRE	MCCUTCHEN(HOSKING)	Add Lanes	Local		1	1	1	1	2	2	2	2
163	Bakersfield	SJV		OLD STINE	MING AVE	BELLE TERRACE				1	1	1	1	2	2	2	2
164	Bakersfield	SJV		OLIVE DR	RUDD RD (WEST BELT)	ALLEN				1	1	1	2	2	2	2	2
165	Bakersfield	SJV		OLIVE DR	ALLEN	JEWETTA				2	2	2	2	2	2	2	2
166	Bakersfield	SJV		OSWELL	SR178	BERNARD	Add Lanes	Local		3	3	3	3	3	3	3	3
167	Bakersfield	SJV		OSWELL	BRUNDAGE	SR58				2	2	2	2	2	2	2	2
168	Bakersfield	SJV		PALADINO DR	FAIRFAX	MORNING DR				0	0	0	2	2	2	2	2
169	Bakersfield	SJV		PALADINO DR	MORNING DR	MASTERSON Street				1	1	1	1	1	2	2	2
170	Bakersfield	SJV		PALADINO DR	MASTERSON Street	ALFRED HARRELL HWY				0	0	0	0	0	1	1	1
171	Bakersfield	SJV		PANAMA_LN	ALLEN	BARLOW	Add Lanes	Local		2	2	2	2	3	3	3	3
172	Bakersfield	SJV		PANAMA_LN	BARLOW	BUENA VISTA BLVD	Add Lanes	Local		2	2	2	2	3	3	3	3

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP. Other)	17	20	21	23	25	31	35	40
173	Bakersfield	SJV		PANAMA_LN	BUENA VISTA	MOUNTAIN VISTA	Add Lanes	Local		2	2	2	2	3	3	3	3
174	Bakersfield	SJV		PANAMA_LN	MOUNTAIN VISTA	OLD RIVER RD	Add Lanes	Local		2	2	2	2	3	3	3	3
175	Bakersfield	SJV		PANAMA_LN	OLD RIVER RD	PROGRESS	Add Lanes	Local		2	2	2	2	3	3	3	3
176	Bakersfield	SJV		PANAMA_LN	PROGRESS	GOSFORD_LN	Add Lanes	Local		2	2	2	2	3	3	3	3
177	Bakersfield	SJV		PANAMA_LN	GOSFORD	RELIANCE	Add Lanes	Local		1/2	1/2	2	2	3	3	3	3
178	Bakersfield	SJV		PANAMA_LN	RELIANCE	ASHE	Add Lanes	Local		1/2	1/2	2	2	3	3	3	3
179	Bakersfield	SJV		PANAMA_LN	ASHE	GOLDEN GATE	Add Lanes	Local		3/2	3/2	3/2	3/2	3	3	3	3
180	Bakersfield	SJV		PANAMA_LN	GOLDEN GATE	STINE RD	Add Lanes	Local		3/2	3/2	3/2	3/2	3	3	3	3
181	Bakersfield	SJV		PANAMA_LN	STINE RD	AKERS	Add Lanes	Local		3	3	3	3	3	3	3	3
182	Bakersfield	SJV		PANAMA_LN	AKERS	WIBLE	Add Lanes	Local		3	3	3	3	3	3	3	3
183	Bakersfield	SJV		PANAMA_LN	WIBLE	SR99				3	3	3	3	3	3	3	3
184	Bakersfield	SJV		PANAMA_LN	SR99	H ST				3	3	3	3	3	3	3	3
185	Bakersfield	SJV		PANAMA_LN	H ST	MONITOR	Add Lanes	Local		2	2	2	2	2	3	3	3
186	Bakersfield	SJV		PANAMA_LN	MONITOR	UNION	Add Lanes	Local		2	2	2	2	2	3	3	3
187	Bakersfield	SJV		PANAMA_LN	UNION	COTTONWOOD				1	2	2	2	2	2	2	2
188	Bakersfield	SJV		PANAMA LN	COTTONWOOD	SR184				1	1	1	1	1	2	2	2
189	Bakersfield	SJV		PANORAMA DR	1700 FEET N COLUMBUS	UNION				2	2	2	2	2	2	2	2
190	Bakersfield	SJV		QUAIL CREEK RD	SNOW	7th STANDARD RD				0	0	0	0	2	2	2	2
191	Bakersfield	SJV		REAL RD	STOCKDALE	SR58				2	2	2	2	2	2	2	2
192	Bakersfield	SJV		RENFRO RD	7th STANDARD RD	OLIVE DR				0	0	0	0	0	1	1	1
193	Bakersfield	SJV		RENFRO RD	OLIVE DR	REINA RD				0	0	0	0	1	1	1	1
194	Bakersfield	SJV		RENFRO RD	JOHNSON RD	STOCKDALE HWY				1	2	2	2	2	2	2	2
195	Bakersfield	SJV		SANTA FE WAY	RUDD RD (West Beltway)	HAGEMAN RD				1	1	1	1	1	2	2	2
196	Bakersfield	SJV		SNOW RD	JENKINS RD	ALLEN				1	1	1	1	1	2	2	2
197	Bakersfield	SJV		SNOW RD	JEWETTA AVE	CALLOWAY DR				2/1	2/1	2/1	2/1	2	2	2	2
198	Bakersfield	SJV		SNOW RD	COFFEE RD	FRUITVALE AVE				1	1	1	1	2	2	2	2
199	Bakersfield	SJV		SO.CHESTER	UNION	PLANZ RD				2	2	2	2	2	2	2	2
200	Bakersfield	SJV		SO.CHESTER	PLANZ RD	WILSON				2	2	2	2	2	2	2	2
201	Bakersfield	SJV		SO.CHESTER	MING	BELLE TERRACE				2	2	2	2	2	2	2	2
202	Bakersfield	SJV		SO.CHESTER	BELLE TERRACE	SR58				2	2	2	2	2	2	2	2
203	Bakersfield	SJV		SO.CHESTER	SR58	BRUNDAGE				2	2	2	2	2	2	2	2
204	Bakersfield	SJV		SO.CHESTER	BRUNDAGE	4TH ST				2	2	2	2	2	2	2	2
205	Bakersfield	SJV		SO.CHESTER	4TH ST	CALIFORNIA				2	2	2	2	2	2	2	2
206	Bakersfield	SJV		SO.CHESTER	CALIFORNIA	TRUXTUN				2	2	2	2	2	2	2	2
207	Bakersfield	SJV		SO.CHESTER	TRUXTUN	18TH ST				2	2	2	2	2	2	2	2
208	Bakersfield	SJV		SO.CHESTER	18TH ST	21ST ST				2	2	2	2	2	2	2	2
209	Bakersfield	SJV		SO.CHESTER	21ST ST	SR178				2	2	2	2	2	2	2	2
210	Bakersfield	SJV		SO. H ST	ARVIN-EDSION CANAL	HOSKING				2	2	2	2	2	2	2	2
211	Bakersfield	SJV		SO. H ST	HOSKING	SR119				1	1	1	1	1	2	2	2
212	Bakersfield	SJV		STINE RD	WILSON	PLANZ RD				3	3	3	3	3	3	3	3
213	Bakersfield	SJV		STINE RD	PLANZ RD	WHITE LN				3	3	3	3	3	3	3	3
214	Bakersfield	SJV		STINE RD	WHITE LN	DISTRICT				3	3	3	3	3	3	3	3
215	Bakersfield	SJV		STINE RD	DISTRICT	PACHECO				3	3	3	3	3	3	3	3

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
216	Bakersfield	SJV		STINE RD	PACHECO	HARRIS				3	3	3	3	3	3	3	3
217	Bakersfield	SJV		STINE RD	HARRIS	PANAMA LN				3	3	3	3	3	3	3	3
218	Bakersfield	SJV		STINE RD	PANAMA LN	BERKSHIRE				2	2	2	2	2	2	2	2
219	Bakersfield	SJV		STINE RD	BERKSHIRE	HOSKING				2	2	2	2	2	2	2	2
220	Bakersfield	SJV		STINE RD	HOSKING	MC KEE				2	2	2	2	2	2	2	2
221	Bakersfield	SJV		STINE RD	MC KEE	SR119				2	2	2	2	2	2	2	2
222	Bakersfield	SJV		STOCKDALE	SR 43	NORD				1	1	1	1	1	2	2	2
223	Bakersfield	SJV		STOCKDALE	NORD	WEGIS	New Freeway	KER08RTP020	\$698,000,000	2	2	2	2	2	3	3	3
224	Bakersfield	SJV		STOCKDALE	WEGIS	HEATH	New Freeway	KER08RTP020	\$698,000,000	2	2	2	2	2	3	3	3
225	Bakersfield	SJV		STOCKDALE	HEATH	CLAUDIA AUTUMN DR	New Freeway	KER08RTP020	\$698,000,000	1	2	2	2	2	2	2	2
226	Bakersfield	SJV		STOCKDALE	CLAUDIA AUTUMN DR	RENFRO	New Freeway	KER08RTP020	\$698,000,000	1	2	2	2	2	2	2	2
227	Bakersfield	SJV		STOCKDALE	RENFRO	ALLEN				3	3	3	3	3	3	3	3
228	Bakersfield	SJV		STOCKDALE	ALLEN	JEWETTA				3	3	3	3	3	3	3	3
229	Bakersfield	SJV		STOCKDALE	JEWETTA	BUENA VISTA BLVD				3	3	3	3	3	3	3	3
230	Bakersfield	SJV		STOCKDALE	BUENA VISTA	CALLOWAY				3	3	3	3	3	3	3	3
231	Bakersfield	SJV		STOCKDALE	CALLOWAY	COFFEE				3	3	3	3	3	3	3	3
232	Bakersfield	SJV		STOCKDALE	COFFEE	ASHE				3	3	3	3	3	3	3	3
233	Bakersfield	SJV		STOCKDALE	ASHE	CALIFORNIA				3	3	3	3	3	3	3	3
234	Bakersfield	SJV		STOCKDALE	CALIFORNIA	MONTCLAIR				3	3	3	3	3	3	3	3
235	Bakersfield	SJV		STOCKDALE	MONTCLAIR	STINE RD				3	3	3	3	3	3	3	3
236	Bakersfield	SJV		STOCKDALE	STINE	REAL				3	3	3	3	3	3	3	3
237	Bakersfield	SJV		STOCKDALE	REAL	SR99				3	3	3	3	3	3	3	3
238	Bakersfield	SJV		STOCKDALE	SR99	OAK				3	3	3	3	3	3	3	3
239	Bakersfield	SJV		TRUXTUN AVE	OAK	BEECH	Add Lanes	Local		2	2	2	2	2	2	3	3
240	Bakersfield	SJV		TRUXTUN AVE	BEECH	PINE ST	Add Lanes	Local		2	2	2	2	2	2	3	3
241	Bakersfield	SJV		TRUXTUN AVE	PINE	B ST	Add Lanes	Local		2	2	2	2	2	2	3	3
242	Bakersfield	SJV		TRUXTUN AVE	B ST	F ST	Add Lanes	Local		2	2	2	2	2	2	3	3
243	Bakersfield	SJV		TRUXTUN AVE	F ST	H ST	Add Lanes	Local		2	2	2	2	2	2	3	3
244	Bakersfield	SJV		TRUXTUN AVE	H ST	CHESTER				2	2	2	2	2	2	2	2
245	Bakersfield	SJV		TRUXTUN AVE	CHESTER	M ST				3	3	3	3	3	3	3	3
246	Bakersfield	SJV		TRUXTUN AVE	M ST	N ST				3	3	3	3	3	3	3	3
247	Bakersfield	SJV		TRUXTUN AVE	N ST	Q ST				3	3	3	3	3	3	3	3
248	Bakersfield	SJV		TRUXTUN AVE	Q ST	UNION				3	3	3	3	3	3	3	3
249	Bakersfield	SJV		UNION	MANOR	COLUMBUS	Add Lanes	Local		3	3	3	3	3	3	3	3
250	Bakersfield	SJV		UNION	COLUMBUS	34TH ST				3	3	3	3	3	3	3	3
251	Bakersfield	SJV		UNION	34TH ST	30TH ST				3	3	3	3	3	3	3	3
252	Bakersfield	SJV		UNION	30TH ST	NILES				3	3	3	3	3	3	3	3
253	Bakersfield	SJV		UNION	NILES	MONTEREY				3	3	3	3	3	3	3	3
254	Bakersfield	SJV		UNION	MONTEREY	KENTUCKY				3	3	3	3	3	3	3	3
255	Bakersfield	SJV		UNION	KENTUCKY	SR204				3	3	3	3	3	3	3	3
256	Bakersfield	SJV		UNION	SR204	21ST ST				3	3	3	3	3	3	3	3
257	Bakersfield	SJV		UNION	21ST ST	18TH ST				3	3	3	3	3	3	3	3
258	Bakersfield	SJV		UNION	18TH ST	TRUXTUN				3	3	3	3	3	3	3	3

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
259	Bakersfield	SJV		UNION	TRUXTUN	CALIFORNIA				3	3	3	3	3	3	3	3
260	Bakersfield	SJV		UNION	CALIFORNIA	4TH ST				3	3	3	3	3	3	3	3
261	Bakersfield	SJV		UNION	4TH ST	BRUNDAGE				3	3	3	3	3	3	3	3
262	Bakersfield	SJV		UNION	BRUNDAGE	SR58				3	3	3	3	3	3	3	3
263	Bakersfield	SJV		UNION	SR58	BELLE TERRACE	Add Lanes	Local		3	3	3	3	3	3	3	3
264	Bakersfield	SJV		UNION	MING	WILSON	Add Lanes	Local		2	2	2	2	3	3	3	3
265	Bakersfield	SJV		UNION	WILSON	PLANZ	Add Lanes	Local		2	2	2	2	3	3	3	3
266	Bakersfield	SJV		UNION	PLANZ	CHESTER	Add Lanes	Local		2	2	2	2	3	3	3	3
267	Bakersfield	SJV		UNION	CHESTER	WHITE LN	Add Lanes	Local		2	2	2	2	3	3	3	3
268	Bakersfield	SJV		UNION	PACHECO	FAIRVIEW RD	Add Lanes	Local		2	2	2	2	2	3	3	3
269	Bakersfield	SJV		UNION	FAIRVIEW RD	PANAMA LN	Add Lanes	Local		2	2	2	2	2	3	3	3
270	Bakersfield	SJV		UNION	PANAMA LN	BERKSHIRE	Add Lanes	Local		2	2	2	2	2	3	3	3
271	Bakersfield	SJV		UNION	BERKSHIRE	HOSKING	Add Lanes	Local		2	2	2	2	2	3	3	3
272	Bakersfield	SJV		VINELAND RD	PALADINO DR	SR 178				2	2	2	2	2	2	2	2
273	Bakersfield	SJV		VINELAND RD	SR 178	SR 184/Kern Canyon Road				2	2	2	2	2	2	2	2
274	Bakersfield	SJV		WHITE LN/Muller Road	COTTONWOOD RD	OSWELL				0	0	0	0	0	2	2	2
275	Bakersfield	SJV		WHITE LN	BUENA VISTA	MOUNTAIN VISTA				3	3	3	3	3	3	3	3
276	Bakersfield	SJV		WHITE LN	MOUNTAIN VISTA	OLD RIVER RD				3	3	3	3	3	3	3	3
277	Bakersfield	SJV		WHITE LN	OLD RIVER RD	PARK VIEW				3	3	3	3	3	3	3	3
278	Bakersfield	SJV		WHITE LN	PARK VIEW	PIN OAK PARK				3	3	3	3	3	3	3	3
279	Bakersfield	SJV		WHITE LN	PIN OAK PARK	GOSFORD				3	3	3	3	3	3	3	3
280	Bakersfield	SJV		WHITE LN	GOSFORD	LILY				3	3	3	3	3	3	3	3
281	Bakersfield	SJV		WHITE LN	LILY	ASHE				3	3	3	3	3	3	3	3
282	Bakersfield	SJV		WHITE LN	ASHE	WILSON				3	3	3	3	3	3	3	3
283	Bakersfield	SJV		WHITE LN	WILSON	CLOVE				3	3	3	3	3	3	3	3
284	Bakersfield	SJV		WHITE LN	CLOVE	STINE RD				3	3	3	3	3	3	3	3
285	Bakersfield	SJV		WHITE LN	STINE RD	AKERS				3	3	3	3	3	3	3	3
286	Bakersfield	SJV		WHITE LN	AKERS	WIBLE RD				3	3	3	3	3	3	3	3
287	Bakersfield	SJV		WHITE LN	WIBLE RD	SR99				3	3	3	3	3	3	3	3
288	Bakersfield	SJV		WHITE LN	SR99	HUGHES LN				3	3	3	3	3	3	3	3
289	Bakersfield	SJV		WHITE LN	HUGHES LN	H ST				3/2	3/2	3/1	3/2	3/2	3/2	3/2	3/2
290	Bakersfield	SJV		WHITE LN	H ST	MONITOR				2	2	2	2	2	2	2	2
291	Bakersfield	SJV		WHITE LN	MONITOR	UNION				2	2	2	2	2	2	2	2
292	Bakersfield	SJV		WIBLE	SR 119	CURNOW RD				1	1	1	1	1	2	2	2
293	Bakersfield	SJV		WESTSIDE PARKWAY	HEATH	WEST BELTWAY	New Freeway	KER08RTP016	\$170,000,000	2	2	2	2	2	2	3	3
294	Bakersfield	SJV		WESTSIDE PARKWAY	WEST BELTWAY	ALLEN	New Freeway	KER08RTP016	\$170,000,000	2	2	2	2	2	3	3	3
295	Bakersfield	SJV		WESTSIDE PARKWAY	ALLEN	JEWETTA	New Freeway	KER08RTP020	\$698,000,000	3	3	3	3	3	3	3	3
296	Bakersfield	SJV		WESTSIDE PARKWAY	JEWETTA	CALLOWAY	New Freeway	KER08RTP020	\$698,000,000	3	3	3	3	3	3	3	3
297	Bakersfield	SJV		WESTSIDE PARKWAY	CALLOWAY	COFFEE	New Freeway	KER08RTP020	\$698,000,000	3	4/3	4/3	4/3	4/3	4/3	4/3	4/3
298	Bakersfield	SJV		WESTSIDE PARKWAY	COFFEE	MOHAWK	New Freeway/Arte	KER08RTP020	\$698,000,000	4/3	4	4	4	4	4	4	4
299	Bakersfield	SJV		WESTSIDE PARKWAY(PHASE 4)	MOHAWK	TRUXTUN	New Freeway/Arte	KER08RTP020	\$698,000,000	2	2-4	var.	2-4	2-4	var.	2-4	2-4
300	Bakersfield	SJV		WEST BELTWAY	7TH STANDARD	SR 58/Rosedale Highway				0	0	0	0	0	0	2	2
301	Bakersfield	SJV		WEST BELTWAY	SR58	WESTSIDE PARKWAY	New Freeway	KER08RTP016	\$170,000,000	0	0	0	0	0	3	3	3

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302	Bakersfield	SJV		WEST BELTWAY	WESTSIDE PARKWAY	PACHECO		KER08RTP016		0	0	0	0	0	0	2	2
303	Bakersfield	SJV		WEST BELTWAY	PACHECO	PANAMA LN		KER08RTP097		0	0	0	0	0	0	2	2
304	Bakersfield	SJV		WEST BELTWAY	PANAMA LN	SR 119		KER08RTP097		0	0	0	0	0	0	2	2
305	Caltrans																
306	Caltrans	SJV		ELLINGTON	11TH AVE	SR155				1	1	1	1	1	1	1	1
307	Caltrans	SJV		I-5	LAVAL	LAVAL	Interchange	KER08RTP002	\$11,300,000	x	x	x	x	x	x	x	x
308	Caltrans	SJV		I-5	COUNTY LINE	LAVAL				4	4	4	4	4	4	4	4
309	Caltrans	SJV		I-5	LAVAL	SR09				4	4	4	4	4	4	4	4
310	Caltrans	SJV		I-5	SR09	SR166				2	2	2	2	2	2	2	2
311	Caltrans	SJV		I-5	SR166	OLD RIVER RD				2	2	2	2	2	2	2	2
312	Caltrans	SJV		I-5	OLD RIVER RD	SR223				2	2	2	2	2	2	2	2
313	Caltrans	SJV		I-5	SR223	SR119				2	2	2	2	2	2	2	2
314	Caltrans	SJV		I-5	SR119	SR43				2	2	2	2	2	2	2	2
315	Caltrans	SJV		I-5	SR43	STOCKDALE				2	2	2	2	2	2	2	2
316	Caltrans	SJV		I-5	STOCKDALE	SR58				2	2	2	2	2	2	2	2
317	Caltrans	SJV		I-5	SR58	7TH STANDARD				2	2	2	2	2	2	2	2
318	Caltrans	SJV		I-5	7TH STANDARD	ROWLEE				2	2	2	2	2	2	2	2
319	Caltrans	SJV		I-5	ROWLEE	LERDO HWY				2	2	2	2	2	2	2	2
320	Caltrans	SJV		I-5	LERDO HWY	SR46				2	2	2	2	2	2	2	2
321	Caltrans	SJV		I-5	SR46	TWISSELMAN				2	2	2	2	2	2	2	2
322	Caltrans	SJV		I-5	TWISSELMAN	COUNTY LINE				2	2	2	2	2	2	2	2
323	Caltrans	IWV		SR14	SR395	POOLE											
324	Caltrans	IWV		SR14	POOLE	INYOKERN	Add Lanes	KER08RTP008	\$42,000,000								
325	Caltrans	IWV		SR14	INYOKERN	SR178	Add Lanes	KER08RTP006	\$42,000,000								
326	Caltrans	IWV		SR14	SR178	6 mile s of 178	Add Lanes	KER08RTP017	\$42,000,000								
327	Caltrans	IWV		SR14	6 mile s of 178	REDROCK RANDSBURG	Add Lanes	KER08RTP024	\$32,000,000								
328	Caltrans	MD		SR14	REDROCK RANDSBURG	JAWBONE CANYON				2						2	2
329	Caltrans	MD		SR14	JAWBONE CANYON	CALIFORNIA CITY				2						2	2
330	Caltrans	MD		SR14	CALIFORNIA CITY	SR58BYPASS				2						2	2
331	Caltrans	MD		SR14	SR58BYPASS	DEAVER				2						2	2
332	Caltrans	MD		SR14	DEAVER	SR58				2						2	2
333	Caltrans	MD		SR14	ALTUS	SR58				2						2	2
334	Caltrans	MD		SR14	CAMELOT	ALTUS				2						2	2
335	Caltrans	MD		SR14	PURDY	CAMELOT				2						2	2
336	Caltrans	MD		SR14	SILVER QUEEN	PURDY				2						2	2
337	Caltrans	MD		SR14	BACKUS	SILVER QUEEN				2						2	2
338	Caltrans	MD		SR14	DAWN	BACKUS				2						2	2
339	Caltrans	MD		SR14	ROSAMOND	DAWN				2						2	2
340	Caltrans	MD		SR14	A AVE	ROSAMOND				2						2	2
341	Caltrans	SJV		SR119	SR33	GARDENER FIELD				1	1	1	1	1	1	1	1
342	Caltrans	SJV		SR119	GARDENER FIELD	2ND ST				1	1	1	1	1	1	1	1
343	Caltrans	SJV		SR119	2ND ST	ASH				1	1	1	1	1	1	1	1
344	Caltrans	SJV		SR119	ASH	HARRISON				1	1	1	1	1	1	1	1

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
345	Caltrans	SJV		SR119	HARRISON	MIDWAY				1	1	1	1	1	1	1	1
346	Caltrans	SJV		SR119	MIDWAY	ELK HILLS				1	1	1	1	1	1	1	1
347	Caltrans	SJV		SR119	ELK HILLS	CHERRY AVE				1	1	1	1	1	1	1	1
348	Caltrans	SJV		SR119	CHERRY AVE	TUPMAN	Add Lanes	KER08RTP022	\$115,000,000	1	1	1	1	2	2	2	2
349	Caltrans	SJV		SR119	TUPMAN	SR43				1	1	1	1	1	1	1	1
350	Caltrans	SJV		SR119	SR43	I-5				1	1	1	1	1	1	1	1
351	Caltrans	SJV		SR119	I-5	NORD	Add Lanes	KER08RTP099		1	1	1	1	1	2	2	2
352	Caltrans	SJV		SR119	NORD	HEATH	Add Lanes	KER08RTP099		1	1	1	1	1	2	2	2
353	Caltrans	SJV		SR119	HEATH	RENFRO	Add Lanes	KER08RTP099		1	1	1	1	1	2	2	2
354	Caltrans	SJV		SR119	RENFRO	ALLEN	Add Lanes	KER08RTP099		1	1	1	1	1	2	2	2
355	Caltrans	SJV		SR119	ALLEN	BARLOW	Add Lanes	KER08RTP099		1	1	1	1	1	2	2	2
356	Caltrans	SJV		SR119	BARLOW	BUENA VISTA BLVD	Add Lanes	KER08RTP099		1	1	1	1	1	2	2	2
357	Caltrans	SJV		SR119	BUENA VISTA BLVD	GREEN	Add Lanes	Local		1	1	1	1	1	2	2	2
358	Caltrans	SJV		SR119	GREEN	OLD RIVER RD	Add Lanes	Local		1	1	1	1	1	2	2	2
359	Caltrans	SJV		SR119	OLD RIVER RD	PROGRESS	Add Lanes	Local		1	1	1	1	1	2	2	2
360	Caltrans	SJV		SR119	PROGRESS	GOSFORD	Add Lanes	Local		1	1	1	1	1	2	2	2
361	Caltrans	SJV		SR119	GOSFORD	ASHE	Add Lanes	Local		1	1	1	1	1	2	2	2
362	Caltrans	SJV		SR119	ASHE	STINE RD	Add Lanes	Local		1	1	1	1	1	2	2	2
363	Caltrans	SJV		SR119	STINE RD	VAN HORN	Add Lanes	Local		1	1	1	1	1	2	2	2
364	Caltrans	SJV		SR119	VAN HORN	WIBLE RD	Add Lanes	Local		1	1	1	1	1	2	2	2
365	Caltrans	SJV		SR119	WIBLE RD	SR99	Add Lanes	Local		1	1	1	1	1	2	2	2
366	Caltrans	SJV		SR155	SR99	FREMONT				1	1	1	1	1	1	1	2
367	Caltrans	SJV		SR155	FREMONT	HIGH				1	1	1	1	1	1	1	2
368	Caltrans	SJV		SR155	HIGH	LEXINGTON				1	1	1	1	1	1	1	2
369	Caltrans	SJV		SR155	LEXINGTON	MAST AVE				1	1	1	1	1	1	1	2
370	Caltrans	SJV		SR155	MAST AVE	BROWNING				1	1	1	1	1	1	1	2
371	Caltrans	SJV		SR155	BROWNING	BOWMAN RD	Add Lanes	Local		1	1	1	1	1	2	2	2
372	Caltrans	SJV		SR155	BOWMAN RD	FAMOSO PORTERVILLE	Add Lanes	Local		1	1	1	1	1	2	2	2
373	Caltrans	SJV		SR155	FAMOSO PORTERVILLE	SR65				1	1	1	1	1	1	1	1
374	Caltrans	SJV		SR155	SR65	WOODY GRANITE				1	1	1	1	1	1	1	1
375	Caltrans	SJV		SR155	WOODY GRANITE	GRANITE				1	1	1	1	1	1	1	1
376	Caltrans	SJV		SR155	GRANITE	JACK RANCH				1	1	1	1	1	1	1	1
377	Caltrans	SJV	Y/5	SR155	JACK RANCH	RANCHERIA RD				1	1	1	1	1	1	1	1
378	Caltrans	MD	Y	SR155	RANCHERIA	WOFFORD				1				1		1	1
379	Caltrans	MD	Y	SR155	WOFFORD	SAWMILL				2				2		2	2
380	Caltrans	MD	Y	SR155	SAWMILL	SR178				1				1		1	1
381	Caltrans	SJV		SR166	SR33	OLD RIVER RD				1	1	1	1	1	1	1	1
382	Caltrans	SJV		SR166	OLD RIVER RD	I-5				1	1	1	1	1	1	1	1
383	Caltrans	SJV		SR166	I-5	SR99				1	1	1	1	1	1	1	1
384	Caltrans	SJV		SR178	SR58/SR99	BUCK OWENS	Add Lanes	KER08RTP014	\$55,000,000	3/5	3/5	3/5	3/5	3/5	3/5	3/5	3/5
385	Caltrans	SJV		SR178	BUCK OWENS	OAK	Add Lanes	KER08RTP014	\$55,000,000	4	4	4	4	4	4	4	4
386	Caltrans	SJV		SR178	OAK	OAK	Intersection	KER08RTP014	\$55,000,000	4	4	4	4	4	4	4	4
387	Caltrans	SJV		SR178	OAK	BEECH	Add Lanes	KER08RTP014	\$55,000,000	3	3	3	3	3	3	3	3

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
388	Caltrans	SJV		SR178	BEECH	PINE ST	Add Lanes	KER08RTP014	\$55,000,000	3	3	3	3	3	3	3	3
389	Caltrans	SJV		SR178	PINE ST	BAY ST	Add Lanes	KER08RTP014	\$55,000,000	3	3	3	3	3	3	3	3
390	Caltrans	SJV		SR178	BAY ST	D ST	Add Lanes	KER08RTP014	\$55,000,000	3	3	3	3	3	3	3	3
391	Caltrans	SJV		SR178	D ST	F ST	Add Lanes	KER08RTP014	\$55,000,000	4	4	4	4	4	4	4	4
392	Caltrans	SJV		SR178	F ST	H ST	Add Lanes	KER08RTP014	\$55,000,000	4	4	4	4	4	4	4	4
393	Caltrans	SJV		SR178	H ST	CHESTER	Add Lanes	KER08RTP014	\$55,000,000	4	4	4	4	4	4	4	4
394	Caltrans	SJV		SR178	CHESTER	M ST	Add Lanes	KER08RTP014	\$55,000,000	4	4	4	4	4	4	4	4
395	Caltrans	SJV		SR178	M ST	SR204				3	3	3	3	3	3	3	3
396	Caltrans	SJV		SR178	SR204	ALTA VISTA	Add Lanes	KER08RTP026	\$140,500,000	3	3	3	3	3	4	4	4
397	Caltrans	SJV		SR178	ALTA VISTA	BEALE	Add Lanes	KER08RTP026	\$140,500,000	3	3	3	3	3	4	4	4
398	Caltrans	SJV		SR178	BEALE	HALEY	Add Lanes	KER08RTP026	\$140,500,000	3	3	3	3	3	4	4	4
399	Caltrans	SJV		SR178	HALEY	MT VERNON	Add Lanes	KER08RTP026	\$140,500,000	3	3	3	3	3	4	4	4
400	Caltrans	SJV		SR178	MT VERNON	OSWELL	Add Lanes	KER08RTP026	\$140,500,000	3	3	3	3	3	4	4	4
401	Caltrans	SJV		SR178	OSWELL	FAIRFAX				2	2	2	2	2	2	2	2
402	Caltrans	SJV		SR178	FAIRFAX	MORNING DR		KER08RTP111		3	3	3	3	3	3	3	3
403	Caltrans	SJV		SR178	MORNING DR	VINELAND	Add Lanes	KER08RTP010 KER08RTP112	\$58,800,000	2	2	2	2	2	3	3	3
404	Caltrans	SJV		SR178	VINELAND	SR184	Add Lanes	KER08RTP011 KER08RTP025	\$36,800,000 \$231,500,000	3	3	3	3	3	3	3	3
405	Caltrans	SJV		SR178	SR184	MASTERSON Street	Add Lanes	KER08RTP011 KER08RTP025	\$36,800,000 \$231,500,000	3	3	3	3	3	3	3	3
406	Caltrans	SJV		SR178	MASTERSON Street	COMANCHE	Add Lanes	KER08RTP011 KER08RTP025	\$36,800,000 \$231,500,000	2	2	2	2	2	2	3	3
407	Caltrans	SJV		SR178	COMANCHE	MIRAMONTE	Add Lanes	KER08RTP011 KER08RTP025	\$36,800,000 \$231,500,000	2	2	2	2	2	2	3	3
408	Caltrans	SJV		SR178	MIRAMONTE	RANCHERIA RD		KER08RTP084		1	1	1	1	1	1	2	2
409	Caltrans	SJV/MD	Y/3	SR178	RANCHERIA RD	SR155				2	2	2	2	2	2	2	2
410	Caltrans	MD	Y	SR178	SR155	LAKE ISABELLA BLVD				1				1		1	1
411	Caltrans	MD	Y	SR178	LAKE ISABELLA BLVD	SIERRA WY				1				1		1	1
412	Caltrans	MD	Y	SR178	SIERRA WY	KELSO VALLEY				1				1		1	1
413	Caltrans	MD/IWV	Y/2	SR178	KELSO VALLEY	SR14				1				1		1	1
414	Caltrans	IWV		SR178	SR14	SR395											
415	Caltrans	IWV		SR178	SR395	JACKS RANCH											
416	Caltrans	IWV		SR178	JACKS RANCH	BRADY											
417	Caltrans	IWV		SR178	BRADY	MAHAN											
418	Caltrans	IWV		SR178	MAHAN	DOWNS											
419	Caltrans	IWV		SR178	DOWNS	NORMA											
420	Caltrans	IWV		SR178	NORMA	CHINA LAKE											
421	Caltrans	IWV		SR178	INYOKERN	WARD											
422	Caltrans	IWV		SR178	WARD	DRUMMOND											
423	Caltrans	IWV		SR178	DRUMMOND	LAS FLORES											

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
										424	Caltrans	IWV		SR178	LAS FLORES	RIDGECREST BLVD	
425	Caltrans	IWV		SR178	CHINA LAKE	GATEWAY											
426	Caltrans	IWV		SR178	GATEWAY	RICHMOND											
427	Caltrans	IWV		SR178	RICHMOND	COUNTY LINE											
428	Caltrans	SJV		SR184	MESA MARIN DR	SR178	Add Lanes	KER08RTP101		1	1	1	1	1	2	2	2
429	Caltrans	SJV		SR184	VINELAND	MESA MARIN DR	Add Lanes	KER08RTP101		1	1	1	1	1	2	2	2
430	Caltrans	SJV		SR184	MONICA ST	VINELAND	Add Lanes	KER08RTP101		1	1	1	1	1	2	2	2
431	Caltrans	SJV		SR184	SHALANE	MONICA ST	Add Lanes	KER08RTP101		1	1	1	1	1	2	2	2
432	Caltrans	SJV		SR184	MORNING DR	SHALANE	Add Lanes	KER08RTP101		1	1	1	1	1	2	2	2
433	Caltrans	SJV		SR184	NILES	PIONEER				1	1	1	1	1	2	3	3
434	Caltrans	SJV		SR184	PIONEER	MILLS				1	1	1	1	1	2	3	3
435	Caltrans	SJV		SR184	MILLS	EDISON				1	1	1	1	1	2	3	3
436	Caltrans	SJV		SR184	EDISON	BRUNDAGE				2	2	2	2	2	2	3	3
437	Caltrans	SJV		SR184	BRUNDAGE	SR58				2	2	2	2	2	2	3	3
438	Caltrans	SJV		SR184	SR58	KERRNITA		KER08RTP100		2	2	2	2	2	2	2	2
439	Caltrans	SJV		SR184	KERRNITA	REDBANK		KER08RTP100		1	1	1	1	1	2	2	2
440	Caltrans	SJV		SR184	REDBANK	WILSON		KER08RTP100		1	1	1	1	1	2	2	2
441	Caltrans	SJV		SR184	WILSON	MULLER		KER08RTP100		1	1	1	1	1	2	2	2
442	Caltrans	SJV		SR184	MULLER	WHITE LN		KER08RTP100		1	1	1	1	1	2	2	2
443	Caltrans	SJV		SR184	WHITE LN	HERMOSA		KER08RTP100		1	1	1	1	1	2	2	2
444	Caltrans	SJV		SR184	HERMOSA	FAIRVIEW RD		KER08RTP100		1	1	1	1	1	2	2	2
445	Caltrans	SJV		SR184	FAIRVIEW RD	PANAMA LN		KER08RTP100		1	1	1	1	1	2	2	2
446	Caltrans	SJV		SR184	PANAMA LN	KAM AVE		KER08RTP100		1	1	1	1	1	1	2	2
447	Caltrans	SJV		SR184	KAM AVE	MOUNTAIN VIEW		KER08RTP100		1	1	1	1	1	1	2	2
448	Caltrans	SJV		SR184	MOUNTAIN VIEW	MC KEE		KER08RTP100		1	1	1	1	1	1	2	2
449	Caltrans	SJV		SR184	MC KEE	SR119/PANAMA RD		KER08RTP100		1	1	1	1	1	1	2	2
450	Caltrans	SJV		SR184	SR119/PANAMA RD	HALL				2	2	2	2	2	2	2	2
451	Caltrans	SJV		SR184	HALL	DI GIORGIO				2	2	2	2	2	2	2	2
452	Caltrans	SJV		SR184	DI GIORGIO	TRI DUNCON				1	1	1	1	1	1	2	2
453	Caltrans	SJV		SR184	TRI DUNCON	BUENA VISTA BLVD				1	1	1	1	1	1	2	2
454	Caltrans	SJV		SR184	BUENA VISTA BLVD	SUNSET BLVD				1	1	1	1	1	1	2	2
455	Caltrans	SJV		SR184	SUNSET BLVD	SR223				1	1	1	1	1	1	2	2
456	Caltrans	MD		SR202	SR58	TEHACHAPI BLVD				2				2		2	2
457	Caltrans	MD		SR202	TEHACHAPI BLVD	RED APPLE				2				2		2	2
458	Caltrans	MD		SR202	RED APPLE	VALLEY BLVD				2				2		2	2
459	Caltrans	MD		SR202	VALLEY BLVD	GOLDEN HILLS				1				1		2	2
460	Caltrans	MD		SR202	GOLDEN HILLS	WOODFORD TEHACHAPI				1				1		1	1
461	Caltrans	MD		SR202	WOODFORD TEHACHAPI	SCHOUT				1				1		1	1
462	Caltrans	MD		SR202	SCHOUT	BANDUCCI				1				1		1	1
463	Caltrans	MD	Y	SR202	BANDUCCI	CUMMINGS VALLEY				1				1		1	1
464	Caltrans	MD	Y	SR202	CUMMINGS VALLEY	BEAR VALLEY				1				1		1	1
465	Caltrans	MD	Y	SR202	BEAR VALLEY	GIRAUDO				1				1		1	1
466	Caltrans	SJV		SR204	UNION	Q ST				3	3	3	3	3	3	3	3

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled																	
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)							
										17	20	21	23	25	31	35	40
467	Caltrans	SJV	SR204	Q ST	M ST					3	3	3	3	3	3	3	3
468	Caltrans	SJV	SR204	M ST	CHESTER					3	3	3	3	3	3	3	3
469	Caltrans	SJV	SR204	CHESTER	F ST					2/3	2/3	2/3	2/3	2/3	3	3	3
470	Caltrans	SJV	SR204	F ST	SR99					2	2	2	2	2	3	3	3
471	Caltrans	SJV	SR223	I-5	OLD RIVER RD					1	1	1	1	1	1	1	1
472	Caltrans	SJV	SR223	OLD RIVER RD	WIBLE RD					1	1	1	1	1	1	1	1
473	Caltrans	SJV	SR223	WIBLE RD	SR99					1	1	1	1	1	1	1	1
474	Caltrans	SJV	SR223	SR99	UNION					1	1	1	1	1	1	1	1
475	Caltrans	SJV	SR223	UNION	FAIRFAX					1	1	1	1	1	1	1	1
476	Caltrans	SJV	SR223	FAIRFAX	SR184					1	1	1	1	1	1	1	1
477	Caltrans	SJV	SR223	SR184	VINELAND					1	1	1	1	1	1	1	1
478	Caltrans	SJV	SR223	VINELAND	EDISON					1	1	1	1	1	1	1	1
479	Caltrans	SJV	SR223	EDISON	MALAGA					1	1	1	1	1	1	1	1
480	Caltrans	SJV	SR223	MALAGA	COMANCHE					1	1	1	1	1	1	1	1
481	Caltrans	SJV	SR223	COMANCHE	CAMPUS					2	2	2	2	2	2	2	2
482	Caltrans	SJV	SR223	CAMPUS	TEJON					2	2	2	2	2	2	2	2
483	Caltrans	SJV	SR223	TEJON	TOWER LINE					1	1	1	1	1	1	1	1
484	Caltrans	SJV	SR223	TOWER LINE	GENERAL BEALE					1	1	1	1	1	1	1	1
485	Caltrans	SJV	SR223	GENERAL BEALE	SR58					1	1	1	1	1	1	1	1
486	Caltrans	SJV	SR33	BARKER	TWISSELMAN					1	1	1	1	1	1	1	1
487	Caltrans	SJV	SR33	TWISSELMAN	SR46					1	1	1	1	1	1	1	1
488	Caltrans	SJV	SR33	SR46	LERDO HWY					1	1	1	1	1	1	1	1
489	Caltrans	SJV	SR33	LERDO HWY	LOST HILLS					1	1	1	1	1	1	1	1
490	Caltrans	SJV	SR33	LOST HILLS	LOKERN					1	1	1	1	1	1	1	1
491	Caltrans	SJV	SR33	LOKERN	SR58					1	1	1	1	1	1	1	1
492	Caltrans	SJV	SR33	SR58	SR58					1	1	1	1	1	1	1	1
493	Caltrans	SJV	SR33	SR58	BILL KIRBY					1	1	1	1	1	1	1	1
494	Caltrans	SJV	SR33	BILL KIRBY	MIDWAY					1	1	1	1	1	1	1	1
495	Caltrans	SJV	SR33	MIDWAY	ASH					1	1	1	1	1	1	1	1
496	Caltrans	SJV	SR33	ASH	HILLARD					1	1	1	1	1	1	1	1
497	Caltrans	SJV	SR33	HILLARD	10TH ST					2	2	2	2	2	2	2	2
498	Caltrans	SJV	SR33	10TH ST	8TH ST					2	2	2	2	2	2	2	2
499	Caltrans	SJV	SR33	8TH ST	2ND ST					2	2	2	2	2	2	2	2
500	Caltrans	SJV	SR33	2ND ST	MAIN ST					1	1	1	1	1	1	1	1
501	Caltrans	SJV	SR33	MAIN ST	SR119					1	1	1	1	1	1	1	1
502	Caltrans	SJV	SR33	SR119	WOOD					1	1	1	1	1	1	1	1
503	Caltrans	SJV	SR33	WOOD	CADET					1	1	1	1	1	1	1	1
504	Caltrans	SJV	SR33	CADET	BUSH					1	1	1	1	1	1	1	1
505	Caltrans	SJV	SR33	BUSH	SR166					1	1	1	1	1	1	1	1
506	Caltrans	SJV	SR33	SR166	CERRO NOROESTE					1	1	1	1	1	1	1	1
507	Caltrans	SJV	SR33	CERRO NOROESTE	COUNTY LINE					1	1	1	1	1	1	1	1
508	Caltrans	IWV	SR395	COUNTY LINE	SR14												
509	Caltrans	IWV	SR395	SR14	INYOKERN												

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 1	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
510	Caltrans	IWV		SR395	INYOKERN	BOWMAN RD	Passing Lanes	KER08RTP089	\$20,000,000								
511	Caltrans	IWV		SR395	BOWMAN RD	CHINA LAKE	Passing Lanes	KER08RTP089	\$20,000,000								
512	Caltrans	IWV		SR395	CHINA LAKE	SEARLES											
513	Caltrans	MD		SR395	SEARLES	GARLOCK				1				1		2	2
514	Caltrans	MD		SR395	GARLOCK	JOBERG				1				1		2	2
515	Caltrans	MD		SR395	JOBERG	COUNTY LINE				1				1		2	2
516	Caltrans	SJV		SR43	COUNTY LINE	CECIL AVE				1	1	1	1	1	1	1	1
517	Caltrans	SJV		SR43	CECIL AVE	SR155				1	1	1	1	1	1	1	1
518	Caltrans	SJV		SR43	SR155	POND				1	1	1	1	1	1	1	1
519	Caltrans	SJV		SR43	POND	SHERWOOD				1	1	1	1	1	1	1	1
520	Caltrans	SJV		SR43	SHERWOOD	SR46				1	1	1	1	1	1	1	1
521	Caltrans	SJV		SR43	SR46	5TH ST				1	1	1	1	1	1	1	1
522	Caltrans	SJV		SR43	5TH ST	6TH ST				1	1	1	1	1	1	1	1
523	Caltrans	SJV		SR43	6TH ST	7TH ST				1	1	1	1	1	1	1	1
524	Caltrans	SJV		SR43	7TH ST	POSO DR				1	1	1	1	1	1	1	1
525	Caltrans	SJV		SR43	POSO DR	FILBURN				2	2	2	2	2	2	2	2
526	Caltrans	SJV		SR43	FILBURN	JACKSON				2	2	2	2	2	2	2	2
527	Caltrans	SJV		SR43	JACKSON	KIMBERLINA RD				2	2	2	2	2	2	2	2
528	Caltrans	SJV		SR43	KIMBERLINA	POPLAR				2	2	2	2	2	2	2	2
529	Caltrans	SJV		SR43	POPLAR	SHAFTER				2	2	2	2	2	2	2	2
530	Caltrans	SJV		SR43	SHAFTER	CENTRAL				2	2	2	2	2	2	2	2
531	Caltrans	SJV		SR43	CENTRAL	LERDO HWY				2	2	2	2	2	2	2	2
532	Caltrans	SJV		SR43	LERDO HWY	LOS ANGELES				1	1	1	1	1	1	1	2
533	Caltrans	SJV		SR43	LOS ANGELES	7TH STANDARD				1	1	1	1	1	1	1	2
534	Caltrans	SJV		SR43	7TH STANDARD	BAKER				1	1	1	1	1	1	1	1
535	Caltrans	SJV		SR43	BAKER	SNOW				1	1	1	1	1	1	1	1
536	Caltrans	SJV		SR43	SNOW	KRATZMEYER				1	1	1	1	1	1	1	1
537	Caltrans	SJV		SR43	KRATZMEYER	REINA				1	1	1	1	1	1	1	1
538	Caltrans	SJV		SR43	REINA	HAGEMAN				1	1	1	1	1	1	1	1
539	Caltrans	SJV		SR43	HAGEMAN	SR58				1	1	1	1	1	1	1	1
540	Caltrans	SJV		SR43	SR58	PALM				1	1	1	1	1	1	1	1
541	Caltrans	SJV		SR43	PALM	BRIMHALL				1	1	1	1	1	1	1	1
542	Caltrans	SJV		SR43	BRIMHALL	STOCKDALE				1	1	1	1	1	1	1	1
543	Caltrans	SJV		SR43	STOCKDALE	PANAMA LN				1	1	1	1	1	1	1	1
544	Caltrans	SJV		SR43	PANAMA LN	I-5				1	1	1	1	1	1	1	1
545	Caltrans	SJV		SR43	I-5	SR119				1	1	1	1	1	1	1	1
546	Caltrans	SJV		SR46	COUNTY LINE	KECKS	Add Lanes	KER08RTP003	\$232,000,000	2	2	2	2	2	2	2	2
547	Caltrans	SJV		SR46	KECKS	BITTERWATER VALLEY	Add Lanes	KER08RTP003	\$232,000,000	2	2	2	2	2	2	2	2
548	Caltrans	SJV		SR46	BITTERWATER VALLEY	SR33	Add Lanes	KER08RTP003	\$232,000,000	2	2	2	2	2	2	2	2
549	Caltrans	SJV		SR46	SR33	BROWN MATERIAL RD	Add Lanes	KER08RTP003	\$232,000,000	2	2	2	2	2	2	2	2
550A	Caltrans	SJV		SR46	BROWN MATERIAL RD	LOST HILLS	Add Lanes	KER08RTP018	\$70,000,000	1	1	1	1	1	2	2	2
550B	Caltrans	SJV		SR46	LOST HILLS	I-5	Add Lanes	KER14RTP001	\$27,000,000	2	2	2	2	2	2	2	2
551	Caltrans	SJV		SR46	I-5	CORCORAN				1	1	1	1	1	1	1	1
552	Caltrans	SJV		SR46	CORCORAN	ROWLEE				1	1	1	1	1	1	1	1

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled																		
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)								
										17	20	21	23	25	31	35	40	
553	Caltrans	SJV		SR46	ROWLEE	WILDWOOD				1	1	1	1	1	1	1	1	1
554	Caltrans	SJV		SR46	WILDWOOD	SCOFIELD				1	1	1	1	1	1	1	1	1
555	Caltrans	SJV		SR46	SCOFIELD	LEONARD				1	1	1	1	1	1	1	1	1
556	Caltrans	SJV		SR46	LEONARD	WESTERN				1	1	1	1	1	1	1	1	1
557	Caltrans	SJV		SR46	WESTERN	MAGNOLIA				1	1	1	1	1	1	1	1	1
558	Caltrans	SJV		SR46	MAGNOLIA	CENTRAL				1	1	1	1	1	1	1	1	1
559	Caltrans	SJV		SR46	CENTRAL	PALM				1	1	1	1	1	1	1	1	1
560	Caltrans	SJV		SR46	PALM	GRIFFITH				1	1	1	1	1	1	1	1	1
561	Caltrans	SJV		SR46	GRIFFITH	F ST				1	1	1	1	1	1	1	1	1
562	Caltrans	SJV		SR46	F ST	SR43				1	1	1	1	1	1	1	1	1
563	Caltrans	SJV		SR46	SR43	ROOT				1	1	1	1	1	1	1	1	1
564	Caltrans	SJV		SR46	ROOT	SR99				1	1	1	1	1	1	1	1	1
565	Caltrans	SJV		SR58	COUNTY LINE	SR33				1	1	1	1	1	1	1	1	1
566	Caltrans	SJV		SR58	SR33	LOKERN				1	1	1	1	1	1	1	1	1
567	Caltrans	SJV		SR58	LOKERN	BUTTONWILLOW				1	1	1	1	1	1	1	1	1
568	Caltrans	SJV		SR58	BUTTONWILLOW	I-5				1	1	1	1	1	1	1	1	1
569	Caltrans	SJV		SR58	I-5	BRANDT				1	1	1	1	1	1	1	1	1
570	Caltrans	SJV		SR58	BRANDT	SR43				1	1	1	1	1	1	1	1	1
571	Caltrans	SJV		SR58	SR43	CHERRY		KER08RTP092		1	1	1	1	1	2	2	2	2
572	Caltrans	SJV		SR58	CHERRY	SUPERIOR		KER08RTP092		1	1	1	1	1	2	2	2	2
573	Caltrans	SJV		SR58	SUPERIOR	GREELEY		KER08RTP092		1	1	1	1	1	2	2	2	2
574	Caltrans	SJV		SR58	GREELEY	DRIVER		KER08RTP092		1	1	1	1	1	2	2	2	2
575	Caltrans	SJV		SR58	DRIVER	NORD		KER08RTP092		1	1	1	1	1	2	2	2	2
576	Caltrans	SJV		SR58	NORD	WEGIS		KER08RTP092		1	1	1	1	1	2	2	2	2
577	Caltrans	SJV		SR58	WEGIS	HEATH		KER08RTP092		1	1	1	1	1	2	2	2	2
578	Caltrans	SJV		SR58	HEATH	RENFRO		KER08RTP092		1	1	1	1	1	2	3	3	3
579	Caltrans	SJV		SR58	RENFRO	JENKINS		KER08RTP092		1	1	1	1	1	2	3	3	3
580	Caltrans	SJV		SR58	JENKINS	ALLEN		KER08RTP092		1	1	1	1	1	2	3	3	3
581	Caltrans	SJV		SR58	ALLEN	OLD FARM	Add Lanes	KER08RTP090	\$8,800,000	3	3	3	3	3	3	3	3	3
582	Caltrans	SJV		SR58	OLD FARM	JEWETTA	Add Lanes	KER08RTP090	\$8,800,000	3	3	3	3	3	3	3	3	3
583	Caltrans	SJV		SR58	JEWETTA	VERDUGO	Add Lanes	KER08RTP090	\$8,800,000	3	3	3	3	3	3	3	3	3
584	Caltrans	SJV		SR58	VERDUGO	CALLOWAY	Add Lanes	KER08RTP090	\$8,800,000	3	3	3	3	3	3	3	3	3
585	Caltrans	SJV		SR58	CALLOWAY	MAIN PLAZA	Add Lanes	KER08RTP007	\$29,000,000	3	3	3	3	3	3	3	3	3
586	Caltrans	SJV		SR58	MAIN PLAZA	COFFEE		KER08RTP007	\$29,000,000	3	3	3	3	3	3	3	3	3
587	Caltrans	SJV		SR58	COFFEE	PATTON		KER08RTP007	\$29,000,000	3	3	3	3	3	3	3	3	3
588	Caltrans	SJV		SR58	PATTON	WEAR	Add Lanes	KER08RTP007	\$29,000,000	3	3	3	3	3	3	3	3	3
589	Caltrans	SJV		SR58	WEAR	FRUITVALE	Add Lanes	KER08RTP007	\$29,000,000	3	3	3	3	3	3	3	3	3
590	Caltrans	SJV		SR58	FRUITVALE	MOHAWK	Add Lanes	KER08RTP007	\$29,000,000	3	3	3	3	3	3	3	3	3
591	Caltrans	SJV		SR58	MOHAWK	LANDCO	Add Lanes	KER08RTP118	\$27,000,000	3	3	3	3	3	3	3	3	3
592	Caltrans	SJV		SR58	LANDCO	GIBSON	Add Lanes	KER08RTP007	\$29,000,000	3	3	3	3	3	3	3	3	3
593	Caltrans	SJV		SR58	GIBSON	SR99	Add Lanes	KER08RTP007	\$29,000,000	3	3	3	3	3	3	3	3	3
594	Caltrans	SJV		SR58	REAL	SR99				2	0	0	0	0	0	0	0	0

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
595	Caltrans	SJV	SR58		SR99	H STREET		KER08RTP019 KER08RTP020 KER08RTP093	\$31,000,000 \$47,400,000 \$698,000,000	3	2-5	var.	2-5	2-5	var.	3-6	3-6
596	Caltrans	SJV	SR58		H STREET	CHESTER		KER08RTP019 KER08RTP020 KER08RTP093	\$31,000,000 \$47,400,000 \$698,000,000	3	3	3	3	3	4	4	4
597	Caltrans	SJV	SR58		CHESTER	UNION		KER08RTP019 KER08RTP020 KER08RTP093	\$31,000,000 \$47,400,000 \$698,000,000	3	4	4	4	4	5	5	5
598	Caltrans	SJV	SR58		UNION	COTTONWOOD	Add Lanes	KER08RTP019 KER08RTP093	\$50,000,000 \$47,400,000	3	3	3	3	3	4	4	4
599	Caltrans	SJV	SR58		COTTONWOOD	MT VERNON				3	3	3	3	3	4	4	4
600	Caltrans	SJV	SR58		MT VERNON	OSWELL				3	3	3	3	3	4	4	4
601	Caltrans	SJV	SR58		OSWELL	FAIRFAX				3	3	3	3	3	4	4	4
602	Caltrans	SJV	SR58		FAIRFAX	SR184				3	3	3	3	3	3	3	3
603	Caltrans	SJV	SR58		SR184	EDISON				2	2	2	2	2	2	2	2
604	Caltrans	SJV	SR58		EDISON	COMANCHE				2	2	2	2	2	2	2	2
605	Caltrans	SJV	SR58		COMANCHE	TOWER LINE				2	2	2	2	2	2	2	2
606	Caltrans	SJV	SR58		TOWER LINE	GENERAL BEALE				2	2	2	2	2	2	2	2
607	Caltrans	SJV	SR58		GENERAL BEALE	BEND RD	Truck Lanes	SHOPP		2	2	2	2	2	3	3	3
608	Caltrans	SJV	SR58		BEND RD	BEALVILLE	Truck Lanes	SHOPP		2	2	2	2	2	3	3	3
609	Caltrans	SJV	SR58		BEALVILLE	BROOM RANCH				2	2	2	2	2	2	2	2
610	Caltrans	MD	Y SR58		BROOM RANCH	SR 202				2				2		2	2
611	Caltrans	MD	SR58		SR202	MILL				2				2		2	2
612	Caltrans	MD	SR58		MILL	DENNISON				2				2		2	2
613	Caltrans	MD	SR58		DENNISON	TEHACHAPI BLVD				2				2		2	2
614	Caltrans	MD	SR58		TEHACHAPI BLVD	SAND CANYON				2				2		2	2
615	Caltrans	MD	SR58		SAND CANYON	RANDBURG CUTOFF				2				2		2	2
616	Caltrans	MD	SR58		RANDBURG CUTOFF	SR14				2				2		2	2
617	Caltrans	MD	SR58		SR14	20 MULE TEAM PARKWAY				2				2		2	2
618	Caltrans	MD	SR58		20 MULE TEAM PARKWAY	OLD 58				2				2		2	2
619	Caltrans	MD	SR58		OLD 58	CALIFORNIA CITY				2				2		2	2
620	Caltrans	MD	SR58		CALIFORNIA CITY	MUROC				2				2		2	2
621	Caltrans	MD	SR58		MUROC	CLAY MINE				2				2		2	2
622	Caltrans	MD	SR58		CLAY MINE	20 MULE TEAM PARKWAY				2				2		2	2
623	Caltrans	MD	SR58		20 MULE TEAM	GEPHART				2				2		2	2
624	Caltrans	MD	SR58		GEPHART	BORAX				2				2		2	2
625	Caltrans	MD	SR58		BORAX	COUNTY LINE				2				2		2	2
626	Caltrans	SJV	SR65		COUNTY LINE	SR155				1	1	1	1	1	1	1	1
627	Caltrans	SJV	SR65		SR155	SHERWOOD				1	1	1	1	1	1	1	1
628	Caltrans	SJV	SR65		SHERWOOD	FAMOSO RD				1	1	1	1	1	1	1	1
629	Caltrans	SJV	SR65		FAMOSO RD	MERCED AVE				1	1	1	1	1	1	1	1
630	Caltrans	SJV	SR65		MERCED AVE	LERDO HWY				1	1	1	1	1	1	1	1

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
831	Caltrans	SJV	SR65	LERDO HWY	JAMES					1	1	1	1	1	1	1	1
832	Caltrans	SJV	SR65	JAMES	7TH STANDARD		Add Lanes	KER08RTP094		1	1	1	2	2	2	2	2
833	Caltrans	SJV	SR65	7TH STANDARD	SR99					2	2	2	2	2	2	2	2
834	Caltrans	SJV	SR99	COUNTY LINE	CECIL AVE					3	3	3	3	3	3	3	3
835	Caltrans	SJV	SR99	CECIL	SR155					3	3	3	3	3	3	3	3
836	Caltrans	SJV	SR99	SR155	WOOLLOMES					3	3	3	3	3	3	3	3
837	Caltrans	SJV	SR99	WOOLLOMES	POND					3	3	3	3	3	3	3	3
838	Caltrans	SJV	SR99	POND	SHERWOOD					3	3	3	3	3	3	3	3
839	Caltrans	SJV	SR99	SHERWOOD	SR46					3	3	3	3	3	3	3	3
840	Caltrans	SJV	SR99	SR46	KIMBERLINA RD					3	3	3	3	3	3	3	3
841	Caltrans	SJV	SR99	KIMBERLINA RD	MERCED AVE					3	3	3	3	3	3	3	3
842	Caltrans	SJV	SR99	MERCED	LERDO HWY					3	3	3	3	3	3	3	3
843	Caltrans	SJV	SR99	LERDO HWY	7TH STANDARD					3	3	3	3	3	3	3	3
844	Caltrans	SJV	SR99	7TH STANDARD	SR65			KER08RTP104	\$91,100,000	3	3	3	3	3	3	4	4
845	Caltrans	SJV	SR99	SR65	OLIVE			KER08RTP104	\$91,100,000	3	3	3	3	3	3	4	4
846	Caltrans	SJV	SR99	SNOW RD	SNOW RD		New Interchange	KER08RTP115	\$138,200,000	-	-	-	-	-	-	X	X
847	Caltrans	SJV	SR99	OLIVE	OLIVE		Ramp Improvement	KER08RTP021	\$108,000,000	-	-	-	-	-	-	X	X
848	Caltrans	SJV	SR99	OLIVE	SR204			KER08RTP104	\$12,000,000	5	5	5	5	5	5	5	5
849	Caltrans	SJV	SR99	SR204	AIRPORT					4	4	4	4	4	4	4	4
850	Caltrans	SJV	SR99	AIRPORT	SR58(24TH ST)					4	4	4	4	4	4	4	4
851	Caltrans	SJV	SR99	SR58(24TH ST)	CALIFORNIA					4	4	4	4	4	4	4	4
852	Caltrans	SJV	SR99	CALIFORNIA	STOCKDALE					4	4	4	4	4	4	4	4
853	Caltrans	SJV	SR99	STOCKDALE	MING					4	4	4	4	4	4	4	4
854	Caltrans	SJV	SR99	MING	Wilson Road					4	4	4	4	4	4	4	4
855	Caltrans	SJV	SR99	Wilson Road	WHITE LN		Add Lanes	KER08RTP077	\$52,000,000	4	4	4	4	4	4	4	4
856	Caltrans	SJV	SR99	WHITE LN	PANAMA LN		Add Lanes	KER08RTP077	\$52,000,000	4	4	4	4	4	4	4	4
857	Caltrans	SJV	SR99	PANAMA LN	HOSKING		Add Lanes	KER08RTP077	\$52,000,000	4	4	4	4	4	4	4	4
858	Caltrans	SJV	SR99	HOSKING	HOSKING		Interchange Impr	KER08RTP009	\$35,000,000	2	2	2	2	2	2	3	3
859	Caltrans	SJV	SR99	SR119	HOSKING		Add Lanes	KER08RTP077	\$52,000,000	4	4	4	4	4	4	4	4
860	Caltrans	SJV	SR99	SR223	SR119					3	3	3	3	3	3	3	3
861	Caltrans	SJV	SR99	HERRING RD	SR223					3	3	3	3	3	3	3	3
862	Caltrans	SJV	SR99	COPUS RD	HERRING RD					3	3	3	3	3	3	3	3
863	Caltrans	SJV	SR99	SR166	COPUS RD					3	3	3	3	3	3	3	3
864	Caltrans	SJV	SR99	I-5	SR166					3	3	3	3	3	3	3	3
865	Caltrans	MD	TUCKER RD	RED APPLE	VALLEY					2				2		2	2
866	Caltrans	MD	VALLEY BL	TUCKER	REEVES		Add Lanes	Local		2				2		2	2
867	Caltrans	MD	VALLEY BL	REEVES	GOLDEN HILLS		Add Lanes	Local		2				2		2	2
868	Kern County																
869	Kern County	SJV	SR119	SR99	HUGHES LN		Add Lanes	Local		1	2	2	2	2	2	2	2
870	Kern County	SJV	SR119	HUGHES LN	UNION					1	2	2	2	2	2	2	2
871	Kern County	SJV	SR119	UNION	SR184					1	1	1	1	1	2	2	2
872	Kern County	SJV	7th STANDARD RD	SR 43/Enos Lane	SANTA FE WAY		Add Lanes	KER08RTP113	\$11,500,000	1	1	1	1	1	1	1	1
873	Kern County	SJV	7th STANDARD RD	ZERKER RD	ALLEN		Add Lanes	KER08RTP005	\$57,000,000	2	2	2	2	2	2	2	2

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
674	Kern County	SJV		7th STANDARD RD	ALLEN	OLD FARM	Add Lanes	KER08RTP005	\$57,000,000	2	2	2	2	2	2	2	2
675	Kern County	SJV		7th STANDARD RD	OLD FARM	JEWETTA	Add Lanes	KER08RTP005	\$57,000,000	2	2	2	2	2	2	2	2
676	Kern County	SJV		7th STANDARD RD	CALLOWAY	RIVERLAKES	Add Lanes	KER08RTP005	\$57,000,000	2	2	2	2	2	2	2	2
677	Kern County	SJV		7th STANDARD RD	RIVERLAKES	COFFEE	Add Lanes	KER08RTP005	\$57,000,000	2	2	2	2	2	2	2	2
678	Kern County	SJV		7th STANDARD RD	COFFEE	SR99				2	2	2	2	2	2	2	2
679	Kern County	SJV		7th STANDARD RD	SR99	SR99				2	2	2	2	2	2	2	2
680	Kern County	SJV		7th STANDARD RD	SR99	SR85				2	2	2	2	2	2	2	2
681	Kern County	SJV		7th STANDARD RD	SR85	PEGASUS				2	2	2	2	2	2	2	2
682	Kern County	SJV		7th STANDARD RD	PEGASUS	WINGS WAY				2	2	2	2	2	2	2	2
683	Kern County	SJV		7th STANDARD RD	WINGS WAY	AIRPORT	Add Lanes	Local		1	2	2	2	2	2	2	2
684	Kern County	SJV		7th STANDARD RD	AIRPORT	MC CRAY				2	2	2	2	2	2	2	2
685	Kern County	SJV		7th STANDARD RD	MC CRAY	CHESTER				2	2	2	2	2	2	2	2
686	Kern County	MD		90TH WEST	ROSAMOND	HOLIDAY	Add Lanes	Local		1				1		2	2
687	Kern County	MD		90TH WEST	HOLIDAY	GASKELL	Add Lanes	Local		1				1		2	2
688	Kern County	MD		90TH WEST	GASKELL	A AVE	Add Lanes	Local		1				1		2	2
689	Kern County	SJV		AIRPORT	7TH STANDARD	DAY	Add Lanes	Local		2	2	2	2	2	2	2	2
690	Kern County	SJV		AIRPORT	DAY	SKYWAY	Add Lanes	Local		2	2	2	2	2	2	2	2
691	Kern County	SJV		AIRPORT	SKYWAY	NORRIS				2	2	2	2	2	2	2	2
692	Kern County	SJV		AIRPORT	NORRIS	DECATUR/OLIVE	Add Lanes	Local		2	3	3	3	3	3	3	3
693	Kern County	SJV		AIRPORT	DECATUR/OLIVE	ROBERTS LN	Add Lanes	Local		2	3	3	3	3	3	3	3
694	Kern County	SJV		AIRPORT	ROBERTS LN	STATE RD				2	3	3	3	3	3	3	3
695	Kern County	SJV		ALLEN	NORIEGA	HAGEMAN				1	2	2	2	2	2	2	2
696	Kern County	SJV		ALLEN	HAGEMAN	MEACHAM	Add Lanes	Local		2	2	2	2	2	2	2	2
697	Kern County	SJV		ALLEN	MEACHAM	SR58	Add Lanes	Local		2	2	2	2	2	2	2	2
698	Bakersfield	SJV		ASHE RD	SR 119	Curnow Road				1	1	1	1	2	2	2	2
699	Kern County	SJV		BRECKENRIDGE RD	SR 184/Morning Drive	VINELAND RD				1	1	1	1	1	2	2	2
700	Kern County	SJV		BRECKENRIDGE RD	VINELAND RD	Edison /Masterson				1	1	1	1	1	2	2	2
701	Kern County	SJV		BRECKENRIDGE RD	Edison /Masterson	BEAUJOLIAS				1	1	1	1	1	1	1	1
702	Kern County	SJV		BRECKENRIDGE RD	BEAUJOLIAS	COMANCHE DR				0	0	0	0	0	1	1	1
703	Kern County	SJV		CALLOWAY	7TH STANDARD	ETCHART	Add Lanes	Local		1	1	1	1	2	2	2	2
704	Kern County	SJV		CALLOWAY	SR58	HOLLAND ST	Add Lanes	Local		3	3	3	3	3	3	3	3
705	Kern County	SJV		CALLOWAY	HOLLAND ST	PALM				3	3	3	3	3	3	3	3
706	Kern County	SJV		CALLOWAY	PALM	BRIMHALL	Add Lanes	Local		3	3	3	3	3	3	3	3
707	Kern County	SJV		CALIFORNIA	WASHINGTON	MT VERNON				2	2	2	2	2	2	2	2
708	Kern County	SJV		CALIFORNIA	MT VERNON	EDISON				2	2	2	2	2	2	2	2
709	Kern County	SJV		CHASE AVE	Masterson Street	COMANCHE DR				0	0	0	0	1	1	1	1
710	Kern County	SJV		CHINA GRADE	CHESTER	MANOR				2	2	2	2	2	2	2	2
711	Kern County	SJV		CHINA GRADE	MANOR	MONTE CRISTO	Add Lanes	Local		1	1	1	1	1	2	2	2
712	Kern County	SJV		CHINA GRADE	MONTE CRISTO	CHINA GRADE LOOP/RO	Add Lanes	Local		1	1	1	1	1	2	2	2
713	Kern County	SJV		CHINA GRADE	CHINA GRADE LOOP/RO	ALFRED HARRELL	Add Lanes	Local		1	1	1	1	1	2	2	2
714	Kern County	IWV		CHINA LAKE BL	SPRINGER	MAHAN				1				1		1	1
715	Kern County	IWV		CHINA LAKE BL	MAHAN	SR395				1				1		1	1
716	Kern County	SJV		COFFEE	SNOW	NORRIS	Add Lanes	Local		1	2	2	2	2	3	3	3

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled																	
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmnt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)							
										17	20	21	23	25	31	35	40
717	Kern County	SJV		COMANCHE DR	Alfred Harrell Highway	SR 58				1	1	1	1	1	2	2	2
718	Kern County	SJV		COMANCHE DR	SR 58	MULLER				1	1	1	1	1	2	2	2
719	Kern County	SJV		EDISON RD	SR 178	BRECKENRIDGE RD				1	1	1	1	1	1	2	2
720	Kern County	SJV		EDISON RD	BRECKENRIDGE RD	Edison Highway				1	1	1	1	1	2	2	2
721	Kern County	SJV		FAIRFAX RD	SR 58	REDBANK RD				1	2	2	2	2	2	2	2
722	Kern County	SJV		FRUITVALE AVE	SNOW	NORRIS				1	2	2	2	2	2	2	2
723	Kern County	SJV		FRUITVALE AVE	HAGEMAN RD	SR 58/Rosedale Highway				1	1	1	1	1	2	2	2
724	Kern County	SJV		GILMORE	FRUITVALE AVE	LANDCO				0	0	0	0	0	1	1	1
725	Kern County	SJV		GOSFORD	SR119	CURNOW				1	1	1	1	1	2	2	2
726	Kern County	SJV		HAGEMAN	NORD RD	WEGIS AVE				1	1	2	2	2	2	2	2
727	Kern County	SJV		HAGEMAN	WEGIS AVE	HEATH RD				1	1	1	1	1	2	2	2
728	Kern County	SJV		HAGEMAN	HEATH RD	RUDD				1	1	1	1	1	2	2	2
729	Kern County	SJV		HAGEMAN	RUDD	RENFRO				1	1	1	1	1	2	2	2
730	Kern County	SJV		HAGEMAN	RENFRO	JENKINS				1	1	1	1	1	2	2	2
731	Kern County	SJV		HAGEMAN	JENKINS	SANTA FE				3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2
732	Kern County	SJV		HAGEMAN	SANTA FE	ALLEN				3	3	3	3	3	3	3	3
733	Kern County	SJV		HEATH RD	HAGEMAN RD	SR 58/Rosedale Highway				1	2	2	2	2	2	2	2
734	Kern County	SJV		HEATH RD	SR 58/Rosedale Highway	Stockdale Highway				1	1	1	1	1	2	2	2
735	Kern County	SJV		LANDCO DR	HAGEMAN RD	OLIVE DR				0	1	1	1	1	1	2	2
736	Kern County	SJV		MANOR	MC CRAY	CHESTER				2	2	2	2	2	2	2	2
737	Kern County	SJV		MANOR	CHESTER	DAY				2	2	2	2	2	2	2	2
738	Kern County	SJV		MANOR	DAY	CHINA GRADE LOOP				2	2	2	2	2	2	2	2
739	Kern County	SJV		MANOR	CHINA GRADE LOOP	NORRIS				2	2	2	2	2	2	2	2
740	Kern County	SJV		MANOR	NORRIS	ROBERTS LN				2	2	2	2	2	2	2	2
741	Kern County	SJV		MEACHAM	RENFRO RD	JENKINS RD				1	1	1	1	1	2	2	2
742	Kern County	SJV		MEACHAM	JENKINS RD	ALLEN				1	2	2	2	2	2	2	2
743	Kern County	SJV		MOHAWK	HAGEMAN	DOWNING				0	3	3	3	3	3	3	3
744	Kern County	SJV		MOHAWK	DOWNING	SR58				3	3	3	3	3	3	3	3
745	Kern County	SJV		MT VERNON	SR178	BERNARD				2	2	2	2	2	2	2	2
746	Kern County	SJV		MT VERNON	BERNARD	COLLEGE				2	2	2	2	2	2	2	2
747	Kern County	SJV		MT VERNON	COLLEGE	FLOWER				2	2	2	2	2	2	2	2
748	Kern County	SJV		MT VERNON	FLOWER	NILES				2	2	2	2	2	2	2	2
749	Kern County	SJV		MT VERNON	NILES	KENTUCKY				2	2	2	2	2	2	2	2
750	Kern County	SJV		MT VERNON	KENTUCKY	EDISON HWY				2	2	2	2	2	2	2	2
751	Kern County	SJV		MT VERNON	EDISON HWY	CALIFORNIA				2	2	2	2	2	2	2	2
752	Kern County	SJV		MT VERNON	CALIFORNIA	VIRGINIA				2	2	2	2	2	2	2	2
753	Kern County	SJV		MT VERNON	VIRGINIA	BRUNDAGE				2	2	2	2	2	2	2	2
754	Kern County	SJV		NO. CHESTER	BEARDSLEY	ROBERTS LN				2	2	2	2	2	2	2	2
755	Kern County	SJV		NO. CHESTER	ROBERTS LN	DECATUR				2	2	2	2	2	2	2	2
756	Kern County	SJV		NO. CHESTER	DECATUR	NORRIS				2	2	2	2	2	2	2	2
757	Kern County	SJV		NO. CHESTER	NORRIS	CHINA GRADE LOOP				2	2	2	2	2	2	2	2
758	Kern County	SJV		NO. CHESTER	CHINA GRADE LOOP	DAY				2	2	2	2	2	2	2	2
759	Kern County	SJV		NO. CHESTER	DAY	MANOR				2	2	2	2	2	2	2	2

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Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
760	Kern County	SJV		NILES	MONTEREY	MT VERNON				2	2	2	2	2	2	2	2
761	Kern County	SJV		NILES	MT VERNON	OSWELL				2	2	2	2	2	2	2	2
762	Kern County	SJV		NILES	OSWELL	STERLING RD				2	2	2	2	2	2	2	2
763	Kern County	SJV		NILES	STERLING RD	FAIRFAX				2	2	2	2	2	2	2	2
764	Kern County	SJV		NILES	FAIRFAX	BRENTWOOD				2	2	2	2	2	2	2	2
765	Kern County	SJV		NILES	BRENTWOOD	PARK DR				2	2	2	2	2	2	2	2
766	Kern County	SJV		NILES	PARK DR	SR184				2	2	2	2	2	2	2	2
767	Kern County	SJV		NORRIS RD	CHESTER AVE	MANOR				1	1	1	1	1	2	2	2
768	Kern County	SJV		NORRIS RD	SR 99	AIRPORT DR				1	1	1	1	1	2	2	2
769	Kern County	MD		OLD 58	ROSEWOOD	SR58BYPASS				2				2		2	2
770	Kern County	MD		OLD 58	ARROYO	ROSEWOOD				2				2		2	2
771	Kern County	MD		OLD 58	SR14	ARROYO				2				2		2	2
772	Kern County	MD		OLD 58	SR14	UNITED				2				2		2	2
773	Kern County	MD		OLD 58	UNITED	5TH ST				2				2		2	2
774	Kern County	MD		OLD 58	5TH	SR58BYPASS				2				2		2	2
775	Kern County	SJV		OLD RIVER	MCCUTCHEN(HOSKING)	SR119				1	1	1	1	2	2	2	2
776	Kern County	SJV		OLD RIVER	SR119	CURNOW				1	1	1	1	1	2	2	2
777	Kern County	SJV		OSWELL	BERNARD	COLLEGE	Add Lanes	Local		2	2	2	2	2	3	3	3
778	Kern County	SJV		OSWELL	COLLEGE	NILES	Add Lanes	Local		2	2	2	2	2	3	3	3
779	Kern County	SJV		OSWELL	NILES	KENTUCKY	Add Lanes	Local		2	2	2	2	2	3	3	3
780	Kern County	SJV		OSWELL	KENTUCKY	PIONEER DR	Add Lanes	Local		2	2	2	2	2	3	3	3
781	Kern County	SJV		OSWELL	PIONEER DR	EDISON HWY	Add Lanes	Local		2	2	2	2	2	3	3	3
782	Kern County	SJV		OSWELL	EDISON HWY	VIRGINIA	Add Lanes	Local		2	2	2	2	2	3	3	3
783	Kern County	SJV		OSWELL	VIRGINIA	BRUNDAGE	Add Lanes	Local		2	2	2	2	2	3	3	3
784	Kern County	SJV		OSWELL	WHITE LN	PANAMA LN				0	0	0	0	0	1	1	1
785	Kern County	SJV		PANAMA LN	SR 43/ENOS LN	RENFRO				2	2	2	2	2	2	2	2
786	Kern County	SJV		PANAMA LN	RENFRO	ALLEN	Add Lanes	Local		2	2	2	2	2	2	2	2
787	Kern County	MD		RANDBURG CUTOFF	SR14	SR58BYPASS				1				1		1	1
788	Kern County	SJV		PATTON WAY	MEANY	SR 58/Rosedale Highway				1	1	1	1	1	1	2	2
789	Kern County	SJV		QUAIL CREEK RD	NORRIS	SNOW ROAD				1	1	1	1	2	2	2	2
790	Kern County	SJV		REDBANK	FAIRFAX	SR 184/Weedpatch Highway				1	2	2	2	2	2	2	2
791	Kern County	SJV		RENFRO RD	REINA	JOHNSON RD				1	1	1	1	1	2	2	2
792	Kern County	MD		ROSAMOND BL	TEHACHAPI WILLOW SP	80TH ST				1				1		1	1
793	Kern County	MD		ROSAMOND BL	80TH ST	70TH ST				1				1		1	1
794	Kern County	MD		ROSAMOND BL	70TH ST	65TH ST				1				1		1	1
795	Kern County	MD		ROSAMOND BL	65TH ST	60TH ST				1				1		1	1
796	Kern County	MD		ROSAMOND BL	60TH ST	50TH ST	Add Lanes	Local		2				2		2	2
797	Kern County	MD		ROSAMOND BL	50TH ST	40TH ST	Add Lanes	Local		3				3		3	3
798	Kern County	MD		ROSAMOND BL	40TH ST	30TH ST	Add Lanes	Local		3				3		3	3
799	Kern County	MD		ROSAMOND BL	30TH ST	25TH ST	Add Lanes	Local		3				3		3	3
800	Kern County	MD		ROSAMOND BL	25TH ST	SR14	Add Lanes	Local		3				3		3	3
801	Kern County	MD		ROSAMOND BL	SR14	20TH ST	Add Lanes	Local		3				3		3	3
802	Kern County	MD		ROSAMOND BL	20TH ST	SIERRA HWY	Add Lanes	Local		3				3		3	3

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled																	
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)							
										17	20	21	23	25	31	35	40
803	Kern County	MD		ROSAMOND BL	SIERRA HWY	15TH ST	Add Lanes	Local		3				3		3	3
804	Kern County	MD		ROSAMOND BL	15TH ST	10TH ST	Add Lanes	Local		3				3		3	3
805	Kern County	SJV		SNOW RD	Allen Road	OLD FARM RD				1	1	1	1	2	2	2	2
806	Kern County	SJV		SNOW RD	OLD FARM RD	JEWETTA AVE				1	1	1	1	2	2	2	2
807	Kern County	SJV		SNOW RD	CALLOWAY DR	QUAIL CREEK RD				1	1	1	1	2	2	2	2
808	Kern County	SJV		SNOW RD	QUAIL CREEK RD	COFFEE RD				1	1	1	1	2	2	2	2
809	Kern County	SJV		SNOW RD	FRUITVALE AVE	Golden State Highway				1	2	2	2	2	2	2	2
810	Kern County	SJV		SO.CHESTER	WILSON	MING				2	2	2	2	2	2	2	2
811	Kern County	MD		TEHACHAPI WILLOW SPRINGS	IRONE	ROSAMOND				1				1		1	1
812	Kern County	MD		TEHACHAPI WILLOW SPRINGS	HAMILTON	IRONE				1				1		1	1
813	Kern County	MD		TEHACHAPI WILLOW SPRINGS	HIGHLINE	DENNISON				1				1		1	1
814	Kern County	MD		TEHACHAPI WILLOW SPRINGS	ABAJO	HIGHLINE				1				1		1	1
815	Kern County	SJV		UNION	BELLE TERRACE	MING	Add Lanes	Local		2	3	3	3	3	3	3	3
816	Kern County	SJV		UNION	WHITE LN	PACHECO	Add Lanes	Local		2	2	2	2	2	3	3	3
817	Kern County	SJV		UNION	HOSKING	MC KEE	Add Lanes	Local		2	2	2	2	2	3	3	3
818	Kern County	SJV		UNION	MC KEE	SR119	Add Lanes	Local		2	2	2	2	2	3	3	3
819	Kern County	SJV		VERDUGO LN	MEACHAM	ROSEDALE HIGHTWAY				1	1	1	1	1	1	1	1
820	Kern County	SJV		VINELAND RD	SR 58	EDISON HIGHWAY				1	1	1	1	1	1	2	2
821	Kern County	SJV		VINELAND RD	EDISON HIGHWAY	Eucalyptus Drive				1	1	1	1	1	1	2	2
822	Kern County	SJV		VINELAND RD	Eucalyptus Drive	PIONEER DR				1	1	1	1	1	1	2	2
823	Kern County	SJV		VINELAND RD	PIONEER DR	SR 184/Morning Drive				0	0	0	0	0	0	1	1
824	Kern County	SJV		WHITE LN(MULLER RD)	OSWELL	FAIRFAX				1	1	1	1	1	2	2	2
825	California City																
826	California City	MD		CAL CITY BL	SR14	RAILROAD				1				1		1	1
827	California City	MD		CAL CITY BL	RAILROAD	BARON BLVD				1				1		1	1
828	California City	MD		CAL CITY BL	BARON BLVD	NEURALIA				2				2		2	2
829	California City	MD		CAL CITY BL	NEURALIA	HACIENDA				2				2		2	2
830	California City	MD		CAL CITY BL	RANDBURG MOJAVE	HACIENDA				2				2		2	2
831	California City	MD		CAL CITY BL	REDWOOD	RANDBURG MOJAVE				2				2		2	2
832	California City	MD		CAL CITY BL	CARSON	REDWOOD				1				1		1	1
833	Ridgecrest																
834	Ridgecrest	IWV		CHINA LAKE BL	RIDGECREST BLVD	UPJOHN											
835	Ridgecrest	IWV		CHINA LAKE BL	UPJOHN	BOWMAN RD											
836	Ridgecrest	IWV		CHINA LAKE BL	BOWMAN RD	COLLEGE HEIGHTS											
837	Ridgecrest	IWV		CHINA LAKE BL	COLLEGE HEIGHTS	DOLPHIN											
838	Ridgecrest	IWV		CHINA LAKE BL	DOLPHIN	DOWNS											
839	Ridgecrest	IWV		CHINA LAKE BL	DOWNS	SPRINGER											
840	Shafter																
841	Shafter	SJV		LERDO HWY	POPLAR	SHAFTER				1	1	1	1	1	1	1	1
842	Shafter	SJV		LERDO HWY	SHAFTER	SR43				1	1	1	1	1	1	1	1
843	Shafter	SJV		LERDO HWY	SR43	MANNEL				2	2	2	2	2	2	2	2
844	Shafter	SJV		LERDO HWY	MANNEL	BEECH				2	2	2	2	2	2	2	2
845	Shafter	SJV		LERDO HWY	BEECH	CHERRY		Local		2	2	2	2	2	2	2	2

Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled																	
										Year number of lanes modeled (each direction)							
SORT KEY	AGENCY	AIR BASIN	M 10	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	17	20	21	23	25	31	35	40
846	Shafter	SJV		LERDO HWY	CHERRY	ZACHARY	Add Lanes	Local		2	2	2	2	2	3	3	3
847	Shafter	SJV		LERDO HWY	ZACHARY	ZERKER	Add Lanes	Local		2	2	2	2	2	3	3	3
848	Shafter	SJV		LERDO HWY	ZERKER	SR99	Add Lanes			2	2	2	2	2	3	3	3

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
Arvin	KER050501	20400000294	IN ARVIN: INSTALL NEW COMPRESSOR, NEW VESSELS AND NEW ROOF STRUCTURE AT EXISTING CNG STATION	\$598,754	2.04	San Joaquin
Arvin	KER090401	20400000550	LOCAL STREETS AND ROADS RESURFACING, RECONSTRUCTION OR REHABILITATION AT VARIOUS LOCATIONS (NON-CAPACITY PROJECTS ONLY)	\$792,000	1.10	San Joaquin
Arvin	KER110803	20400000634	PURCHASE TWO TYPE VII 30-PASSENGER DIESEL BUSES WITH ADDED A/C UNIT, REPEATER RADIO, FAREBOX, VIDEO SECURITY	\$500,000	2.10	San Joaquin
Arvin	KER120401	20400000663	IN ARVIN: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$773,750	1.10	San Joaquin
Arvin	KER140401	20400000715	IN ARVIN: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$616,288	1.10	San Joaquin
Arvin	KER151001	20400000768	IN ARVIN: T02 VARIOUS LOCATIONS; CONSTRUCT SIDEWALK IMPROVEMENTS	\$680,000	3.02	San Joaquin
Bakersfield	KER120402	20400000652	IN BAKERSFIELD: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$8,271,772	1.10	San Joaquin
Bakersfield	KER120506	20400000669	IN BAKERSFIELD: GROUPED PROJECTS FOR INTERSECTION SIGNALIZATION	\$1,320,500	5.07	San Joaquin
Bakersfield	KER120507	20400000670	IN BAKERSFIELD: GROUPED PROJECTS FOR INTERSECTION SIGNALIZATION	\$839,600	5.07	San Joaquin
Bakersfield	KER120508	20400000671	IN BAKERSFIELD: GROUPED PROJECTS FOR TRAFFIC CONTROL DEVICES	\$1,283,150	1.07	San Joaquin
Bakersfield	KER120511	20400000674	IN BAKERSFIELD: GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS	\$785,700	1.04	San Joaquin
Bakersfield	KER121001	10400000347	IN BAKERSFIELD: MT VERNON FROM COLUMBUS ST TO UNIVERSITY AVE; LANDSCAPE IMPROVEMENTS	\$515,565	4.12	San Joaquin
Bakersfield	KER140402	20400000716	IN BAKERSFIELD: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$9,683,776	1.10	San Joaquin
Bakersfield	KER140507	20400000735	IN BAKERSFIELD: GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SAFER ROADS	\$1,436,300	5.07	San Joaquin

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
Bakersfield	KER140508	20400000736	IN BAKERSFIELD: MOHAWK ST FROM TRUXTUN AVE TO CALIFORNIA AVE; CONSTRUCT MEDIAN ISLAND	\$300,000	5.01	San Joaquin
Bakersfield	KER151002	20400000769	IN BAKERSFIELD: FRANK WEST ELEMENTARY SCHOOL; SAFE ROUTES TO SCHOOL IMPROVEMENTS	\$312,000	3.02	San Joaquin
Cal. City	KER120403	20400000653	IN CALIFORNIA CITY: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$381,698	1.10	Mojave Desert
Cal. City	KER120513	20400000676	IN CALIFORNIA CITY: CALIFORNIA CITY BLVD (SOUTH) AT HARVARD AVE; CONSTRUCT COLLEGE STATION PARK-AND-RIDE	\$375,000	5.06	Mojave Desert
Cal. City	KER140403	20400000717	IN CALIFORNIA CITY: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$361,461	1.10	Mojave Desert
Delano	KER120404	20400000654	IN DELANO: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$1,279,340	1.10	San Joaquin
Delano	KER120514	20400000677	IN DELANO: GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS	\$808,382	1.04	San Joaquin
Delano	KER140404	20400000718	IN DELANO: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$1,420,988	1.10	San Joaquin
Delano	KER140521	20400000749	IN DELANO: GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS	\$843,575	1.04	San Joaquin
Delano	KER141003	20400000761	IN DELANO: SAFETY AND EDUCATION FOR AN ACTIVE DELANO SCHOOL COMMUNITY	\$393,000	4.01	San Joaquin
Delano	KER150802	20400000778	IN DELANO: OPERATING ASSISTANCE	\$1,893,468	2.01	Various
Delano	KER150803	20400000779	IN DELANO: PURCHASE OF THREE REPLACEMENT DIESEL BUSES	\$435,000	2.10	Various
Delano	KER150810	20400000787	IN DELANO: OPERATING ASSISTANCE	\$1,831,237	2.01	Various
Delano	KER150811	20400000788	IN DELANO: PURCHASE OF THREE REPLACEMENT GAS DIAL-A-RIDE VANS	\$165,000	2.10	Various
Delano	KER150812	20400000789	IN DELANO: PURCHASE OF THREE REPLACEMENT GAS DIAL-A-RIDE VANS	\$165,000	2.10	Various
Delano	KER150813	20400000790	IN DELANO: OPERATING ASSISTANCE	\$1,874,766	2.01	Various

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
Delano	KER150814	20400000791	IN DELANO: PURCHASE OF ONE REPLACEMENT CNG DIAL-A-RIDE BUS	\$110,000	2.10	Various
Delano	KER150815	20400000792	IN DELANO: PURCHASE OF ONE REPLACEMENT CNG DIAL-A-RIDE BUS	\$110,000	2.10	Various
GET	KER080808	20400000534	SOUTHWEST TRANSIT CENTER UPGRADE	\$3,500,000	2.08	San Joaquin
GET	KER110805	20400000638	AUTOMATED VEHICLE LOCATOR	\$2,500,000	2.04	San Joaquin
GET	KER120502	20400000665	PASSIVE SOLAR ELECTRIC CONVERSION SYSTEM	\$2,474,337	2.06	San Joaquin
GET	KER120503	20400000666	PURCHASE TWO REPLACEMENT CNG OVER THE ROAD COACHES	\$1,150,000	2.10	San Joaquin
GET	KER120504	20400000667	PURCHASE TWO REPLACEMENT CNG BUSES	\$1,150,000	2.10	San Joaquin
GET	KER120802	20400000687	REPLACE BUS SURVEILLANCE SYSTEM	\$660,000	2.04	San Joaquin
GET	KER120803	20400000688	PREVENTATIVE MAINTENANCE	\$10,982,700	2.01	San Joaquin
GET	KER140502	20400000730	IN BAKERSFIELD: ON THE CALIFORNIA STATE UNIVERSITY, BAKERSFIELD CAMPUS; CONSTRUCTION OF A PUBLIC TRANSIT CENTER	\$1,345,100	5.06	San Joaquin
GET	KER140503	20400000731	IN BAKERSFIELD: EXPANSION OF PASSIVE SOLAR ELECTRIC CONVERSION SYSTEM	\$1,624,300	2.06	San Joaquin
GET	KER140522	20400000750	IN BAKERSFIELD: PURCHASE OF FIVE REPLACEMENT CNG BUSES	\$2,823,902	2.10	San Joaquin
GET	KER140804	20400000756	IN BAKERSFIELD: PREVENTIVE MAINTENANCE	\$13,428,100	2.01	San Joaquin
GET	KER140805	20400000757	IN BAKERSFIELD: PASSIVE SOLAR POWER	\$1,200,000	2.06	San Joaquin
GET	KER140806	20400000758	IN BAKERSFIELD: FIFTEEN BUS SHELTERS	\$250,000	2.07	San Joaquin
GET	KER150806	20400000783	IN BAKERSFIELD: PURCHASE OF 24 REPLACEMENT CNG BUSES	\$14,400,000	2.10	Various
GET	KER150807	20400000784	IN BAKERSFIELD: PURCHASE OF FIVE REPLACEMENT CNG PARATRANSIT BUSES	\$675,000	2.10	Various
GET	KER150808	20400000785	IN BAKERSFIELD: PREVENTIVE MAINTENANCE	\$7,221,690	2.01	Various
GET	KER150809	20400000786	IN BAKERSFIELD: PREVENTIVE MAINTENANCE	\$7,582,775	2.01	Various
KCOG	KER140101	20400000713	PLANNING, PROGRAMMING AND MONITORING	\$1,395,000	4.01	Various
KCOG	KER140414	20400000728	IN KERN COUNTY: REGIONAL TRAFFIC COUNT PROGRAM	\$180,000	4.01	Various
KCOG	KER140501	20400000729	IN KERN COUNTY: RIDESHARE PROGRAM	\$438,562	3.01	Various
KCSS	KER140505	20400000733	IN BAKERSFIELD: CNG FUELING STATION EXPANSION	\$1,388,910	2.04	Various

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
Kern Co.	KER080113	20400000542	IN KERN COUNTY: ON HAGEMAN ROAD AT BURLINGTON NORTHERN SANTA FE RAILWAY; SEPARATION OF GRADE	\$35,300,000	1.01	San Joaquin
Kern Co.	KER100516	20400000616	NEAR TEHACHAPI: REEVES ST FROM ALTA VISTA TO SR 202; SURFACE UNPAVED STREET	\$251,250	1.10	Mojave Desert
Kern Co.	KER101009	20400000628	IN TAFT: ON ASHER AVENUE FROM 4TH STREET TO TAFT RAILS TO TRAILS; SIDEWALK IMPROVEMENTS	\$275,000	3.02	San Joaquin
Kern Co.	KER120405	20400000655	IN KERN COUNTY: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$7,344,405	1.10	Various
Kern Co.	KER120505	20400000668	PURCHASE FOUR REPLACEMENT CNG BUSES	\$1,617,724	2.10	Various
Kern Co.	KER120510	20400000673	IN BAKERSFIELD: GROUPED PROJECTS FOR INTERSECTION SIGNALIZATION	\$1,145,000	5.07	San Joaquin
Kern Co.	KER120515	20400000678	IN TEHACHAPI: ROOST AVE FROM BEAR VALLEY RD TO END; SURFACE UNPAVED STREET	\$375,000	1.10	Mojave Desert
Kern Co.	KER120516	20400000679	IN ROSAMOND: SWEETSER RD FROM 65TH ST WEST TO 60TH ST WEST; SURFACE UNPAVED STREET	\$250,000	1.10	Mojave Desert
Kern Co.	KER120517	20400000680	IN ROSAMOND: 60TH ST WEST FROM SWEETSER RD TO FAVORITO AVE; SURFACE UNPAVED STREET	\$250,000	1.10	Mojave Desert
Kern Co.	KER120518	20400000681	IN KERN COUNTY: GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS	\$3,419,310	1.04	San Joaquin
Kern Co.	KER121002	10400000348	IN RIDGECREST: COLLEGE HEIGHTS BLVD FROM DOLPHIN AVE TO CERRO COSO COMMUNITY COLLEGE; CONSTRUCT PEDESTRIAN PATH AND LANDSCAPE IMPROVE	\$473,000	4.12	Indian Wells
Kern Co.	KER121003	10400000340	IN BAKERSFIELD: CHESTER AVE FROM KERN RIVER PARKWAY TO OILDALE TOWN CENTER; CONSTRUCT SIDEWALK	\$380,000	4.12	San Joaquin
Kern Co.	KER121004	10400000341	IN TEHACHAPI: TEHACHAPI CUMMINGS WATER DISTRICT PROPERTY FROM HIGHLINE RD TO VALLEY BLVD; CONSTRUCT BIKE/PEDESTRIAN PATH	\$504,000	4.12	Mojave Desert
Kern Co.	KER121005	10400000342	IN ROSAMOND: DIAMOND ST FROM ROSAMOND BLVD TO ORANGE ST; CON SIDEWALK & LANDSCAPE IMPROVEMENTS, STREETLIGHTS, RESTRIPE RD, & BIKE LANES	\$1,300,000	4.12	Mojave Desert

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
Kern Co.	KER121006	10400000344	IN AND NEAR LOST HILLS: SR 46 FROM 0.1 MILE WEST OF CALIFORNIA AQUEDUCT TO LOST HILLS RD; CONSTRUCT SIDEWALK	\$351,000	4.12	San Joaquin
Kern Co.	KER121007	10400000345	IN BAKERSFIELD: BERNARD ST FROM HALEY ST TO MT VERNON AVE; CONSTRUCT SIDEWALKS	\$316,000	4.12	San Joaquin
Kern Co.	KER140405	20400000719	IN KERN COUNTY: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$7,608,238	1.10	San Joaquin
Kern Co.	KER140504	20400000732	IN KERN COUNTY: PURCHASE FOUR REPLACEMENT CNG COACHES	\$2,067,518	2.10	Various
Kern Co.	KER140506	20400000734	IN BAKERSFIELD: GROUPED PROJECTS FOR INTERSECTION SIGNALIZATION	\$1,850,000	5.02	San Joaquin
Kern Co.	KER140509	20400000737	IN KERN COUNTY: GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS	\$10,850,000	1.04	San Joaquin
Kern Co.	KER140514	20400000742	IN TEHACHAPI: UMTALI RD FROM UMFALOZI RD TO SAND CANYON RD; SURFACE UNPAVED STREET	\$1,250,000	1.10	Mojave Desert
Kern Co.	KER140515	20400000743	IN INYOKERN: NEAL RD FROM SR 395 TO BROWN RD; SURFACE UNPAVED STREET	\$950,000	1.10	Mojave Desert
Kern Co.	KER140516	20400000744	NEAR BUTTONWILLOW: SULLIVAN RD FROM CANNON ST TO BUSSELL RD; SURFACE UNPAVED STREET	\$500,000	1.10	San Joaquin
Kern Co.	KER140517	20400000745	NEAR BUTTONWILLOW: CANNON ST FROM SR58 TO SULLIVAN RD; SURFACE UNPAVED STREET	\$500,000	1.10	San Joaquin
Kern Co.	KER141004	20400000762	NORTH OF BAKERSFIELD: HIGHLAND ELEMENTARY; CONSTRUCT PEDESTRIAN IMPROVEMENTS	\$330,000	3.02	San Joaquin
Kern Co.	KER141005	20400000763	IN BAKERSFIELD: HORACE MANN ELEMENTARY; CONSTRUCT PEDESTRIAN IMPROVEMENTS	\$372,000	3.02	San Joaquin
Kern Co.	KER151003	20400000770	IN BAKERSFIELD: STIERN MIDDLE SCHOOL; CONSTRUCT PEDESTRIAN IMPROVEMENTS	\$150,000	3.02	San Joaquin
Kern Co.	KER151004	20400000771	IN KERN COUNTY: MOJAVE; CONSTRUCT PEDESTRIAN IMPROVEMENTS	\$640,000	3.02	Mojave Desert
McFarland	KER120406	20400000656	IN MCFARLAND: W KERN AVE FROM WEST OF FRONTAGE RD TO EAST OF 2ND ST; PEDESTRIAN / LANDSCAPE IMPROVEMENTS	\$353,433	4.09	San Joaquin
McFarland	KER140406	20400000720	IN MCFARLAND: KERN AVE: 2ND ST TO 3RD ST; LANDSCAPING AND PEDESTRIAN IMPROVEMENTS	\$398,510	4.09	San Joaquin

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
McFarland	KER140510	20400000738	IN MCFARLAND: ALONG ELMO HWY AND BROWNING RD; PAVE SHOULDERS AND INSTALL CLASS II BIKE LANE FACILITIES	\$306,135	1.04	San Joaquin
Ridgecrest	KER120407	20400000657	IN RIDGECREST: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$750,000	1.10	Indian Wells
Ridgecrest	KER120519	20400000682	IN RIDGECREST: SOUTH SUNLAND DR FROM UPJOHN AVE TO BOWMAN RD; SURFACE UNPAVED STREET	\$575,000	1.10	Indian Wells
Ridgecrest	KER120520	20400000683	IN RIDGECREST: GROUPED PROJECTS FOR INTERSECTION SIGNALIZATION	\$350,000	5.02	Indian Wells
Ridgecrest	KER140407	20400000721	IN RIDGECREST: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$765,844	1.10	Indian Wells
Ridgecrest	KER140512	20400000740	IN RIDGECREST: NORTH WARNER ST FROM DRUMMOND AVE TO WEST HOWELL AVE; SURFACE UNPAVED STREET	\$307,328	1.10	Indian Wells
Ridgecrest	KER140520	20400000748	IN RIDGECREST: GRAAF AVE FROM NORTH SIERRA VIEW TO NORTH NORMA ST; SURFACE UNPAVED STREET	\$116,578	1.10	Indian Wells
Shafter	KER140408	20400000722	IN SHAFTER: GROUPED PROJECT FOR NON-CAPACITY WIDENING (NO ADDITIONAL TRAVEL LANES)	\$277,000	1.19	San Joaquin
Shafter	KER140409	20400000723	IN SHAFTER: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$205,581	1.10	San Joaquin
State	KER120201	20400000694	GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM	\$72,654,000	1.19	Various
State	KER120202	20400000695	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM	\$34,701,000	1.09	Various
State	KER120204	20400000697	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP MANDATES PROGRAM	\$11,115,000	1.02	Various
State	KER120205	20400000698	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM	\$183,443,000	1.10	Various

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
State	KER130104	20400000707	NEAR TAFT: ELK HILLS RD TO TUPMAN RD; CONSTRUCT TRUCK CLIMBING LANES	\$7,584,000	1.17	San Joaquin
State	KER130201	20400000702	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE (toll credits)	\$8,737,500	1.10	Various
State	KER130202	20400000703	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS, SHOULDER IMPROVEMENTS, PAVEMENT RESURFACING AND/OR REHABILITATION - MINOR PROGRAM	\$2,650,000	1.10	Various
State	KER140201	20400000753	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE (toll credits)	\$5,796,000	1.10	Various
State	KER140202	20400000754	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS, SHOULDER IMPROVEMENTS, PAVEMENT RESURFACING AND/OR REHABILITATION - MINOR PROGRAM	\$7,924,000	1.10	Various
State	KER140203	20400000755	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP MOBILITY PROGRAM	\$6,921,000	1.17	Various
State	KER140410	20400000724	IN MARICOPA: SR 33 AT STANISLAUS ST; INSTALL RECTANGULAR RAPID FLASHING BEACON NEAR PEDESTRIAN CROSSING	\$45,000	1.07	San Joaquin
State	KER140511	20400000739	SOUTH OF BAKERSFIELD: SR 223 AT SR 184/WHEELER RIDGE RD; OPERATIONAL IMPROVEMENT	\$1,500,000	5.01	San Joaquin
State	KER141001	20400000759	CALIFORNIA TRAILS USERS COALITION: UPDATE AND REPRINT OF ANGELES NATIONAL FOREST AND EL MIRAGE AREAS TRAIL MAP	\$19,930	1.03	Various
State	KER141002	20400000760	FRIENDS OF JAWBONE: PURCHASE TRAIL MAINTENANCE EQUIPMENT TO WORK IN JAWBONE CANYON AREA	\$83,859	1.03	Various
State	KER150201	20400000767	GROUPED PROJECTS FOR EMERGENCY REPAIR - SHOPP EMERGENCY RESPONSE PROGRAM	\$30,567,000	1.12	Various

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
State	KER150202	20400000780	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE (\$622,793 toll credits as part of match)	\$5,429,750	1.10	Various
Taft	KER101005	20400000624	IN TAFT: ON HILLARD STREET FROM "A" STREET TO RAILS TO TRAILS; CONSTRUCT PEDESTRIAN AND BIKE IMPROVEMENTS	\$317,000	3.02	San Joaquin
Taft	KER120409	20400000659	IN TAFT: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$252,797	1.10	San Joaquin
Taft	KER121008	10400000346	IN TAFT: SUNSET RAILROAD CORRIDOR FROM 2ND ST TO SR 119; CONSTRUCT BIKE/PEDESTRIAN PATH	\$770,000	4.12	San Joaquin
Taft	KER140411	20400000725	IN TAFT: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$244,347	1.10	San Joaquin
Taft	KER140513	20400000741	IN TAFT: SUPPLY ROW ST BETWEEN S 4TH ST AND S 6TH ST; CONSTRUCT PARK-AND-RIDE	\$507,744	5.06	San Joaquin
Tehachapi	KER120410	20400000660	IN TEHACHAPI: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$423,692	1.10	Mojave Desert
Tehachapi	KER120523	20400000686	IN TEHACHAPI: CURRY ST AT VALLEY BLVD; GUTTER REMOVAL	\$482,000	1.02	Mojave Desert
Tehachapi	KER121009	10400000343	IN TEHACHAPI: TEHACHAPI BLVD FROM SNYDER AVE TO DENNISON RD; CONSTRUCT SIDEWALK, PEDESTRIAN LIGHTING, & LANDSCAPE IMPROVEMENTS	\$547,000	4.12	Mojave Desert
Tehachapi	KER140412	20400000726	IN TEHACHAPI: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$379,937	1.10	Mojave Desert
Tehachapi	KER141006	20400000764	IN TEHACHAPI: SOUTHSIDE OF VALLEY BLVD FROM 110' WEST OF MULBERRY ST TO 95' EAST OF MILL ST; CONSTRUCT CLASS I BIKE PATH	\$1,292,000	3.02	Mojave Desert
Tehachapi	KER151005	20400000772	IN TEHACHAPI: VARIOUS LOCATIONS; SAFE ROUTES TO SCHOOL IMPROVEMENTS	\$900,000	3.02	Mojave Desert

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
Various	KER060601	20400000418	GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - HIGHWAY BRIDGE PROGRAM (HBP). NON-CAPACITY PROJECTS ONLY. (40 CFR TABLES 2&3) (INCLUDES SEISMIC RETROFIT)	\$1,425,000	1.19	Various
Various	KER060608	20400000483	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP). NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES 2&3)	\$275,200	1.06	San Joaquin
Various	KER080602	20400000549	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SAFE ROUTES TO SCHOOL FEDERAL PROGRAM. NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES 2&3)	\$536,420	3.02	San Joaquin
Various	KER100601	20400000571	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP). NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES 2&3)	\$230,944	1.06	San Joaquin
Various	KER110601	20400000637	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP). NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES 2&3)	\$733,000	1.06	Various
Various	KER110602	20400000643	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SAFE ROUTES TO SCHOOL FEDERAL PROGRAM. NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES 2&3)	\$2,075,400	3.02	Various
Various	KER130801	20400000699	GROUPED PROJECTS FOR OPERATING ASSISTANCE TO TRANSIT AGENCIES	\$8,568,139	2.01	Various
Various	KER140601	20400000710	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP). NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES 2&3) (\$279,955 toll credits as part of match)	\$3,243,155	1.06	Various
Various	KER140801	20400000711	GROUPED PROJECTS FOR PURCHASE OF OPERATING EQUIPMENT FOR VEHICLES (\$1,606 toll credits as part of match)	\$14,000	2.05	Various

Transportation Project Listing - Exempt Projects

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
Various	KER140802	20400000712	GROUPED PROJECTS FOR PURCHASE OF NEW BUSES AND RAIL CARS TO REPLACE EXISTING VEHICLES OR FOR MINOR EXPANSIONS OF THE FLEET (\$33,837 toll credits as part of match)	\$295,000	2.10	Various
Various	KER150801	20400000777	GROUPED PROJECTS FOR OPERATING ASSISTANCE TO TRANSIT AGENCIES	\$16,060,985	2.01	Various
Various	KER150804	20400000781	GROUPED PROJECTS FOR PURCHASE OF OPERATING EQUIPMENT FOR VEHICLES (\$1,670 toll credits as part of match)	\$14,545	2.05	Various
Various	KER150805	20400000782	GROUPED PROJECTS FOR PURCHASE OF NEW BUSES AND RAIL CARS TO REPLACE EXISTING VEHICLES OR FOR MINOR EXPANSIONS OF THE FLEET (\$113,096 toll credits as part of match)	\$986,000	2.10	Various
Wasco	KER140413	20400000727	IN WASCO: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$640,928	1.10	San Joaquin
Wasco	KER140523	20400000751	IN WASCO: PURCHASE REPLACEMENT CNG REFUSE TRUCK	\$311,974	4.01	San Joaquin
Wasco	KER141007	20400000765	IN WASCO: PALM AVE ELEMENTARY SCHOOL; CONSTRUCT PEDESTRIAN INFRASTRUCTURE IMPROVEMENTS	\$458,000	3.02	San Joaquin
Wasco	KER141008	20400000776	IN WASCO: TERESA BURKE ELEMENTARY SCHOOL & FILBURN AVE; CONSTRUCT BIKE & PEDESTRIAN IMPROVEMENTS	\$1,794,000	3.02	San Joaquin
Wasco	KER151006	20400000773	IN WASCO: KARL CLEMENS & THOMAS JEFFERSON SCHOOLS; CONSTRUCT PEDESTRIAN IMPROVEMENTS	\$306,000	3.02	San Joaquin
Wasco	KER151007	20400000774	IN WASCO: JOHN L PRUEITT SCHOOL; CONSTRUCT BIKE & PEDESTRIAN IMPROVEMENTS	\$473,000	3.02	San Joaquin
Wasco	KER151008	20400000775	IN WASCO: SR 43; CONSTRUCT PEDESTRIAN LIGHTING	\$593,000	3.02	San Joaquin

APPENDIX C
CONSULTATION CORRESPONDENCE

July 15, 2015

TO: IAC Partners

CC: SJV MPO Staff & Directors

RE: 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 Standards for IAC

The purpose of this memo is to transmit the proposed procedures and documentation for the 2015 Conformity Demonstration addressing the 2008 Ozone Standard and the 2012 PM2.5 standards for Interagency Consultation. Transportation network development and conformity analysis is scheduled to be completed in July, 2015. Public review of the 2015 Conformity Demonstration is anticipated to occur also in August/September, followed by MPO adoption in October, 2015. The 2015 Conformity Demonstration for the 2015 FTIP/2014 RTP (as amended if applicable) will be submitted in October for Federal approval to be issued on or before December 31, 2015.

On January 13, 2015, EPA released its proposed *Approval of San Joaquin Valley Plan and Supplement for the 2006 PM2.5 Standard and Proposed Reclassification to Serious for the 2006 PM2.5 Standard*. The proposed approval and reclassification has not been finalized. As a result this document describes two options for the primary and secondary 2006 24-hour PM2.5 standard. Option 1: the proposed approval and reclassification is effective (inclusive of transportation conformity budgets) and Option 2: the proposed approval and reclassification is not effective (inclusive of transportation conformity budgets).

On March 23, 2015, EPA released its *Proposed Rule for Implementing National Ambient Air Quality Standards for Fine Particles*. The implementation rule proposes three options, one of which could revoke the primary 1997 annual PM2.5 standard, while maintaining the secondary 1997 annual PM2.5 standard. The proposed implementation rule has not been finalized. As a result, this document describes two options for the 1997 annual PM2.5 standards. Option 1: the final implementation rule revoking the primary 1997 annual PM2.5 standard is effective prior to MPO board adoption (anticipated October 2015) and Option 2: the proposed implementation rule is not effective prior to MPO board adoption.

Please provide any comments on the proposed approach by COB, Monday, July 20, 2015. **It is requested that EPA and FHWA also provide concurrence.** An interagency consultation conference call will be scheduled upon request.

REQUIREMENTS

Ozone

EPA designated the San Joaquin Valley nonattainment area for the 2008 Ozone Standard, effective July 20, 2012. Transportation conformity applies one year after the effective date (July 20, 2013). Federal approval for the eight SJV MPO's 2008 Ozone standard conformity demonstrations was received on July 8, 2013. In addition, the Eastern portion of Kern County, the Mohave Desert, was designated nonattainment and classified Marginal with an attainment date of 2014. It is important to note that the 2014 analysis year is not within the timeframe of the plan.

EPA's final rule implementing the 2008 Ozone Standard also revoked the 1997 Ozone Standard for transportation conformity purposes. This revocation became effective April 6, 2015. The final rule also shifted the San Joaquin Valley 2008 Ozone Standard attainment date from December 31, 2032 to July 20, 2032; the new attainment year of 2031 must be modeled.

The San Joaquin Valley has an EPA approved 2007 Ozone Plan (as revised in 2011) that contains sub-area budgets for ROG and NOx. In addition, EPA published a Notice of Adequacy for the 8-hour Ozone early Progress Plans for Eastern Kern County. In accordance with EPA guidance dated July 2012, if a 2008 Ozone area has adequate or approved SIP budgets that address the 1997 standards, it must use the budget test until 2008 Ozone standard budgets are found adequate or approved.

When using the budget test, the attainment year of the 2008 ozone standard must be analyzed (e.g. 2031). In addition, in areas that have budgets for a previous ozone standard, consistency with those budgets must also be determined. The new attainment year of 2031 must be modeled.

PM2.5

On January 13, 2013, EPA issued a final rule strengthening the primary 1997 Annual PM2.5 standard to 12 micrograms per cubic meter; maintained the 1997 24-hour PM Standards and secondary 1997 annual PM2.5 standard; and maintained the primary and secondary 2006 24-hour PM2.5 standards, effective March 18, 2013. Conformity applies to all standards.

1997 Annual and 24-hour PM2.5 Standards

On March 23, 2015, EPA released its *Proposed Rule for Implementing National Ambient Air Quality Standards for Fine Particles*. The implementation rule proposes three options, one of which could revoke the primary 1997 annual PM2.5 standard, while maintaining the secondary 1997 annual PM2.5 standard. The proposed implementation rule has not been finalized and it is not clear if the standard will be revoked. Note that a revocation of the 1997 primary annual PM2.5 standard will not remove the obligation to demonstrate conformity for the 1997 24-hour PM2.5 standards. As a result, this document describes two options for the 1997 PM2.5 standards.

Option 1: Final Implementation Rule Revoking the Primary 1997 Annual PM2.5 Standard is Finalized and Effective

Under Option 1, conformity to the primary 1997 annual PM2.5 standard will no longer apply, however, conformity to the 1997 24-hour PM2.5 standard would continue to apply.

The San Joaquin Valley has an approved 2008 PM2.5 Plan (as revised in 2011) addressing both versions of the 1997 annual and 24-hour PM2.5 standards that contains sub-area budgets for PM2.5 and NOx. The applicable conformity test is the emissions budget test. The conformity budgets from Table 5 of the November 9, 2011 Federal Register will be used to demonstrate conformity to the 1997 24-hour PM2.5 standard

Option 2: Final Implementation Rule Revoking the Primary 1997 Annual PM2.5 Standard is Not Finalized and Effective

Under Option 2, conformity to the primary 1997 annual PM2.5 standard will continue to apply.

The San Joaquin Valley has an approved 2008 PM2.5 (1997 Standard) Plan (as revised in 2011) addressing both versions of the 1997 PM2.5 standards that contains sub-area budgets for PM2.5 and NOx. The applicable conformity test is the emissions budget test. The conformity budgets from Table 5 of the November 9, 2011 Federal Register will be used to demonstrate conformity to both 1997 annual and 24-hour PM2.5 standards.

2006 24-Hour PM2.5 Standards

On January 13, 2015, EPA released its proposed *Approval of San Joaquin Valley Plan and Supplement for the 2006 PM2.5 Standard and Proposed Reclassification to Serious for the 2006 PM2.5 Standard*. In addition, new transportation conformity budgets for the 2006 primary and secondary 24-hour PM2.5 standards are proposed to be approved. At this time, EPA has not finalized the proposed approval of the Plan (including conformity budgets) and reclassification. As a result, this document describes two options to demonstrate conformity for the 2006 24-hour PM2.5 standards.

Option 1: EPA Proposed Approval and Reclassification is Finalized and Effective

Under Option 1, the San Joaquin Valley will have approved sub-area budgets for PM2.5 and NOx for the 2006 24-hour PM2.5 standards. Thus, the San Joaquin Valley MPOs will conduct conformity determinations for the new subarea emission budgets as established in the Plan and as published in the final Federal Register. Due to “Serious” reclassification, a new attainment year of 2019 must be modeled.

Option 2: EPA Proposed Approval and Reclassification is Not Finalized Nor Effective

Under Option 2, the new sub-area budgets for PM2.5 and NOx for the 2006 24-hour PM2.5 standards will not be available for use and the 2008 PM2.5 Plan (1997 Standard) conformity budgets will continue to apply.

The San Joaquin Valley has an approved 2008 PM2.5 (1997 Standard) Plan (as revised in 2011) that contains sub-area budgets for PM2.5 and NOx. In accordance with the EPA Interim Transportation Conformity Guidance for 2006 PM2.5 NAAQS Nonattainment areas, if a 2006 PM2.5 area has adequate or approved SIP budgets that address the 1997 standards, it must use the budget test until new 2006 PM2.5 standard budgets are found adequate or approved.

2012 Annual PM2.5 Standards

EPA designated the San Joaquin Valley as nonattainment for the 2012 PM2.5 standards on January 15, 2015, effective April 15, 2015. Transportation conformity applies one year after the effective date (April 15, 2016). It is important to note that the 2012 annual PM2.5 nonattainment area boundary for the San Joaquin Valley is exactly the same as the nonattainment area boundary for the 1997 and 2006 standards.

In accordance with Section 93.109(i)(3) of the federal transportation conformity rule, if a 2012 PM2.5 area has adequate or approved SIP budgets that address the annual 1997 standards, it must use the budget test until new 2012 PM2.5 standard budgets are found adequate or approved. A new attainment year of 2021 will be modeled.

When using the budget test, the attainment year of the 2012 annual PM2.5 standard must be analyzed (e.g. 2021). In addition, in areas that have approved or adequate budgets for the 1997 annual PM2.5 standard, consistency with those budgets must also be determined. The attainment year of 2021 must be modeled.

PROPOSED APPROACH

The 2015 Conformity Demonstration for the 2008 Ozone and 2012 PM2.5 standards will be based on the federally approved 2014 RTP/2015 FTIP Conformity Analysis with updates as appropriate. The interagency consultation process for the 2014 RTP/2015 FTIP and corresponding conformity analysis began in September 2013 and is documented in the current federally approved conformity analysis. A summary of the major elements of the conformity document are provided below for review, comment, and concurrence. It is requested that any comments on the proposed approach be provided by COB, July 20, 2015. **It is requested that EPA and FHWA also provide concurrence.** As noted above, an interagency consultation conference call will be scheduled upon request.

In general, it is assumed that some SJV MPOs will not be processing a concurrent regionally significant amendment with the 2015 Conformity Demonstration. The following proposed approach applies to all SJV MPOs for the 2015 Conformity Demonstration for the 2008 Ozone

and 2012 PM2.5 standards. Clarification “NOTES” have been added to Item 3 (Procedures for Regional Emission Estimates) and Item 6 (Conformity Documentation) specific for an MPO that will be processing a concurrent regionally significant amendment.

1. Latest Planning Assumptions and Transportation Modeling: There have been no official updates to the socioeconomic projections used by the Valley MPOs transportation models since the 2014 RTP/2015 FTIP Conformity Analysis. In accordance with Section 93.110 of the federal conformity rule, the most recent estimates of population and employment projections that have been officially approved by the Metropolitan Planning Organization will be used. In addition, there have been no official updates to the Valley MPO transportation models since the 2014 RTP/2015 FTIP Conformity Analysis. The same traffic modeling and networks will be utilized for this 2015 Conformity Demonstration, except for the new attainment years of 2021 for the 2012 PM2.5 Standards and 2031, which replaces the 2032 attainment year for the 2008 Ozone Standard. (Note: If EPA approval of the SJV Supplement for the 2006 24-hour PM2.5 Standard and Reclassification is finalized, then the new attainment year of 2019 will also be modeled.)
2. Air Quality Modeling: While ARB has released EMFAC 2014, it has not been approved by EPA for use in conformity analyses. As a result, in accordance with Section 93.111 the latest emission estimation model (EMFAC 2011) will be used in this 2015 Conformity Demonstration. The EPA approved methodology for updating the default vehicle activity data will also be used consistent with the 2014 RTP/2015 FTIP Conformity Analysis.
3. Procedures for Regional Emissions Estimates: All SJV MPOs will develop a new 2031 attainment year transportation network for the 2008 Ozone Standard and a new 2021 attainment year for the 2012 PM2.5 standards using the currently approved latest planning assumptions and transportation models in support of the 2015 Conformity Demonstration. (Note: If EPA approval of the SJV Supplement for the 2006 24-hour PM2.5 Standard and Reclassification Document is finalized, then the new attainment year of 2019 will also be modeled.) The resulting transportation data (VMT by speed bin) will be processed using the 2014 RTP/2015 FTIP conformity procedures; interagency consultation was conducted on these procedures in September 2013. The following updates will be used for the 2015 Conformity Demonstration:
 - a. Updated 2014 RTP/2015 FTIP Conformity EMFAC Spreadsheet: updated attainment years for the 2008 Ozone standard, 2006 24-hour PM2.5 (if applicable) and 2012 Annual PM2.5 Standards.
 - b. Updated 2014 RTP/2015 FTIP Totals Spreadsheet: new demonstration for 2008 Ozone, 2006 24-hour PM2.5 (if applicable), and 2012 annual PM2.5 standards.

4. **Transportation Control Measures:** As part of the 2015 Conformity Demonstration for 2008 Ozone and 2012 PM2.5 Standards, the SJV MPOs will update the Project TID table and RACM TID table contained in Appendix D of the federally approved 2014 RTP/2015 FTIP (as amended, if applicable). Since there is no “new” RTP development with this 2015 Conformity Demonstration, there will be no update with respect to the inclusion of additional long-range local government control measures.

5. **Conformity Documentation:** A modified draft boilerplate document will be prepared to address the 2015 Conformity demonstration for 2008 Ozone and 2012 PM2.5 Standards. The following updates will be included:
 - a. Update Table 1-3 to include updated attainment years of 2019 (if applicable), 2021 and 2031 respectively.
 - b. Update Table 2-1 to include traffic data for new attainment years 2019 (if applicable), 2021 and updated attainment year 2031.
 - c. Update Table 5-1 to include 2008 Ozone standard, 2012 annual PM2.5 standards, and 2006 24-hour PM2.5 standards (if applicable) conformity demonstrations. Note that Table 5-1 of the Conformity Analysis for the 2014 RTP/2015 FTIP includes a conformity demonstration for the 1997 24-hour and annual PM2.5 standards.
 - d. Update Appendix B:
 - i. reflect any amendments processed to date for the Exempt Project Listing, and
 - ii. include 2019 (if applicable) and 2021 attainment years and replace 2032 with the new 2031 attainment year for the Regionally Significant Project List.
 - e. Update Appendix C:
 - i. Updated 2014 RTP/ 2015 FTIP Conformity EMFAC Spreadsheet
 - ii. Updated 2014 RTP/ 2015 FTIP Conformity Totals Spreadsheet
 - f. Update Appendix D:
 - i. Project TID table
 - ii. RACM TID table
 - g. Update Appendix E:
 - i. Notice of Public Hearing
 - ii. Draft Adoption Resolution

In addition, the documentation will indicate the following: In accordance with Section 93.122(g) of the conformity rule, the 2015 Conformity Demonstration for 2008 Ozone and 2012 PM2.5 Standards will rely on the federally approved previous emissions analysis for carbon monoxide,

PM-10, the 1997 24-hour and annual PM2.5 standards, and the 2006 24-hour PM2.5 standards (unless new budgets are finalized and effective). The 2014 RTP/2015 FTIP (as amended if applicable) and corresponding conformity analysis was federally approved on December 12, 2014. For this 2015 Conformity Demonstration, there are:

- No revisions to the TIP/RTP, including no additions or deletions of regionally significant projects,
- No changes in the design concept and scope of existing regionally significant projects, that require a new regional emissions analysis,
- No revisions that delay or accelerate the completion of regionally significant projects across conformity analysis years, and
- No changes to the time frame of the transportation plan.

In accordance with Section 93.108, the Kern Council of Governments MPO re-affirms that the 2015 TIP and 2014 RTP (as amended if applicable) are fiscally constrained with DOT's metropolitan planning regulations at 23 CFR Part 450.

Please contact me if you have questions or need additional information. Comments are due by COB, Monday, July 20, 2015.

ADDITIONAL REFERENCES:

EPA, 2012. Guidance for Transportation Conformity Implementation in Multi-Jurisdictional Nonattainment and Maintenance Areas. U.S. Environmental Protection Agency. EPA-420-B-12-046. July 2012.

EPA, 2015. Implementation of the 2008 National Ambient Air Quality Standards for Ozone: State Implementation Plan Requirements. Final Rule. U.S. Environmental Protection Agency. Vol. 80. No. 44. March 6, 2015.

EPA, 2015. Fine Particulate Matter National Ambient Air Quality Standards: State Implementation Plan Requirements. Proposed Rule. U.S. Environmental Protection Agency. Vol. 80. No. 55. March 23, 2015.

APPENDIX D

Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards DOCUMENTATION

EMFAC Emissions (tons/day)							
KERN (SJV)							
Pollutant	Source	Description					
			2017	2020	2023	2031	2040
Ozone	EMFAC 2011 (Summer Run)	ROG Total Exhaust (All Vehicles Total)	6.75	6.16	5.86	5.73	6.12
		Rule 9310 (School Bus)	0.00	0.00	0.00	0.00	0.00
		Rule 9410 (ETR)	-0.14	-0.19	-0.18	-0.18	-0.18
		RFG	-0.38	-0.27	-0.22	-0.22	-0.22
		Moyer	-0.01	0.00	0.00	0.00	0.00
		AB1493	0.00	0.00	0.00	0.00	0.00
		Smog Check	-0.16	-0.13	-0.10	-0.10	-0.10
		Conformity Total	6.05	5.56	5.36	5.23	5.62
Ozone	EMFAC 2011 (Summer Run)	NOx Total Exhaust (All Vehicles Total)	28.17	22.74	16.88	17.14	18.79
		Rule 9310 (School Bus)	-0.09	-0.08	-0.07	-0.07	-0.07
		Rule 9410 (ETR)	-0.16	-0.13	-0.10	-0.10	-0.10
		RFG	0.00	0.00	0.00	0.00	0.00
		Moyer	-0.08	0.00	0.00	0.00	0.00
		AB1493	0.00	0.00	0.00	0.00	0.00
		Smog Check	-0.12	-0.09	-0.07	-0.07	-0.07
		Conformity Total	27.71	22.45	16.63	16.89	18.54
PM2.5	EMFAC 2011 (Annual Run)	PM2.5 Total Exhaust (All Vehicles Total) * includes tire & brake wear	0.93	0.98	1.05	1.22	1.28
		Rule 9410 (ETR)	0.00	0.00	0.00	0.00	0.00
		Rule 9310 (School Bus)	-0.01	-0.01	-0.01	-0.01	-0.01
		Moyer	0.00	0.00	0.00	0.00	0.00
		AB1493	-0.01	-0.01	-0.01	-0.01	-0.01
		Smog Check	-0.01	-0.01	-0.01	-0.01	-0.01
		Conformity Total	0.90	0.90	1.00	1.20	1.30
PM2.5	EMFAC 2011 (Annual Run)	NOx Total Exhaust (All Vehicles Total)	29.61	21.25	18.02	18.62	19.58
		Rule 9410 (ETR)	0.00	0.00	0.00	0.00	0.00
		Rule 9310 (School Bus)	-0.31	-0.30	-0.29	-0.25	-0.25
		Moyer	-0.08	-0.04	0.00	0.00	0.00
		AB1493	0.00	0.00	-0.01	-0.01	-0.01
		Smog Check	-0.12	-0.09	-0.07	-0.07	-0.07
		Conformity Total	29.10	20.80	17.70	18.30	19.20

EMFAC Emissions (tons/day)						
KERN - MD						
Pollutant	Source	Description				
			2017	2025	2035	2040
Ozone	EMFAC 2011 (Summer Run)	ROG Total Exhaust (All Vehicles Total)	1.45	1.14	1.04	1.26
	ARB	Reflash, Public Fleet, Idling, AB 1493, Moyer	0.01	0.01	0.01	0.01
		Conformity Total	1.44	1.13	1.03	1.25
Ozone	EMFAC 2011 (Summer Run)	NOx Total Exhaust (All Vehicles Total)	4.32	2.83	2.63	3.17
	ARB	Reflash, Public Fleet, Idling, AB 1493, Moyer	1.21	1.21	1.21	1.21
		Conformity Total	3.11	1.62	1.42	1.96

2014 RTP Conformity Results Summary -- KERN

Pollutant	Scenario	Emissions Total		DID YOU PASS?	
		ROG (tons/day)	NOx (tons/day)	ROG	NOx
2008 Ozone Standards	2017 Budget	8.7	31.7		
	2017	6.1	27.7	YES	YES
	2020 Budget	8.2	25.1		
	2020	5.6	22.5	YES	YES
	2023 Budget	7.9	18.6		
	2023	5.4	16.6	YES	YES
	2031	5.2	16.9	YES	YES
	2040	5.6	18.5	YES	YES
2012 PM2.5 Standards	2014 Budget	1.2	43.8		
	2017	0.9	29.1	YES	YES
	2014 Budget	1.2	43.8		
	2021	0.9	20.8	YES	YES
	2014 Budget	1.2	43.8		
	2025	1.0	17.7	YES	YES
	2014 Budget	1.2	43.8		
	2035	1.2	18.3	YES	YES
	2014 Budget	1.3	42.9		
	2040	1.3	19.2	YES	YES

2014 RTP Conformity Results Summary -- KERN (Mojave Desert)

Pollutant	Scenario	Emissions Total		DID YOU PASS?	
		ROG (tons/day)	NOx (tons/day)	ROG	NOx
2008 Ozone Standards	2008 Budget	5	18		
	2017	1	3	YES	YES
	2025	1	2	YES	YES
	2035	1	1	YES	YES
	2040	1	2	YES	YES

APPENDIX E

**TIMELY IMPLEMENTATION DOCUMENTATION
FOR TRANSPORTATION CONTROL MEASURES**

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Commitment Description</u>	<u>Commitment Schedule</u>	<u>Commitment Funding</u>	<u>TIP</u>	<u>TIP Project ID</u>	<u>Project Description</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
								(as of 3/14)	(as of 8/15)
KE 14.10	KCOG	Public Education Program	02/03 - 04/05	\$40,000 per year	2002	KER020122	IN KERN COUNTY: COUNTYWIDE WITH SPECIAL EMPHASIS ON SAN JOAQUIN PORTION OF KERN COUNTY, PUBLIC OUTREACH PROGRAM, AND SOME CAPITAL	Complete	Complete
KE 1.1	Arvin	New bus service to Ikea plant and business park	2002	Not specified				Complete	Complete
KE 1.5	Arvin	Construct transfer station	2005	\$650,000 CMAQ (includes local)	2002	KER000503	CONSTRUCT NEW TRANSIT TRANSFER STATION	Complete	Complete
KE 9.3	Arvin	Drive Approach Modification Project; Traffic Signal Project	2003; 2003	\$395,000 Total				Complete	Complete
KE 10.2	Arvin	Bike Racks on Buses	2002	Not specified				Complete	Complete
KE 5.2 and 5.16	Bakersfield	Traffic signal interconnect projects	2003	\$1 M CMAQ (includes local)					

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Commitment Description</u>	<u>Commitment Schedule</u>	<u>Commitment Funding</u>	<u>TIP</u>	<u>TIP Project ID</u>	<u>Project Description</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
								(as of 3/14)	(as of 8/15)
					1998	KER960506	TRAFFIC OPERATIONS CENTER: MANAGEMENT CENTER TO LINK ALL TRAFFIC SIGNALS TO CITY HALL- PURCHASE HARDWARE AND SOFTWARE - CONSTRUCTION OF CENTER (PHASE 2)	Complete	Complete
					2002	KER000504	SIGNALIZATION, COMMUNICATION / SYNCHRONIZATION OF SOUTH H STREET FROM WHITE LANE TO PANAMA LANE	Complete	Complete
					2002	KER000505	SIGNALIZATION, COMMUNICATION / SYNCHRONIZATION OF STINE ROAD FROM WHITE LANE TO HARRIS ROAD	Complete	Complete
					2002	KER000506	SIGNALIZATION, COMMUNICATION / SYNCHRONIZATION OF ASHE ROAD FROM CLUB VIEW DRIVE TO NORTH HALF MOON BLVD	Complete	Complete
					2002	KER000507	SIGNALIZATION, COMMUNICATION / SYNCHRONIZATION OF MISC. BRANCH COMMUNICATIONS AT VARIOUS LOCATIONS	Complete	Complete

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Commitment Description</u>	<u>Commitment Schedule</u>	<u>Commitment Funding</u>	<u>TIP</u>	<u>TIP Project ID</u>	<u>Project Description</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
								(as of 3/14)	(as of 8/15)
					2002	KER010502	SIGNALIZATION: COMMUNICATION / SYNCHRONIZATION OF THREE IDENTIFIED SIGNAL LOCATIONS	Complete	Complete
					2002	KER990512	IN BAKERSFIELD -TRAFFIC SIGNAL WIRED INTERCONNECT ON NILES ST. FROM ALTA VISTA DR. TO HALFY ST	Complete	Complete
					2002	KER990520	IN BAKERSFIELD -(TRUNK LINE) TRAFFIC SIGNAL WIRED INTERCONNECT ON CHESTER AVENUE FROM 23RD ST. TO W. COLUMBUS ST.	Complete	Complete
					2002	KER010503	SIGNALIZATION: COMMUNICATION / SYNCHRONIZATION OF MISC. BRANCH COMMUNICATIONS AT VARIOUS LOCATIONS	Complete	Complete
KE 5.3	Bakersfield	Intersection improvements at White and Wible Road; Westside Parkway	2003; 2007 +	Not specified					
								Complete	Complete

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Commitment Description</u>	<u>Commitment Schedule</u>	<u>Commitment Funding</u>	<u>TIP</u>	<u>TIP Project ID</u>	<u>Project Description</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
								(as of 3/14)	(as of 8/15)
					2000	KER970508	SIGNALIZATION: TRUNK LINE COMMUNICATIONS/SYNCHRO. - WHITE LANE FROM WIBLE ROAD TO HUGHES LANE	Complete	Complete
					2002	KER010501	SIGNALIZATION: COMMUNICATION / SYNCHRONIZATION OF GOSFORD ROAD FROM WHITE LANE TO STOCKDALE HWY	Complete	Complete
					2002	KER020102	IN BAKERSFIELD: FROM STOCKDALE HWY TO TRUXTUN AVE AT ROUTE 99; CONSTRUCT 4-LANE AND 6-LANE NEW FACILITY - Note: In 2009 FTIP, this project has six phases due to funding	Phase 1, 2, 3, 4, 5 are complete. Phase 6 is under construction.	Complete
KE 9.5	California City	Expand bike lanes by about 75%	2003	Not specified				Complete	Complete
KE 1.5	Kern County	Service to Shafter, Wasco, McFarland, Delano, Lost Hills, Lamont, Weedpatch, Ridgecrest, California City and Mojave	2003	\$400,000 per year				Complete	Complete

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Commitment Description</u>	<u>Commitment Schedule</u>	<u>Commitment Funding</u>	<u>TIP</u>	<u>TIP Project ID</u>	<u>Project Description</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
								(as of 3/14)	(as of 8/15)
KE 5.2	County	Six signal projects	2005	\$4,515,000 Total					
					2000	KER000521	SIGNALIZATION, SYNCHRONIZATION, CHANNELIZATION AND RELATED SAFETY MODIFICATIONS ON OLIVE DRIVE FROM FRUITVALE AVENUE TO COFFEE ROAD.	Complete	Complete
					2000	KER990519	SIGNALIZATION, SIGNAL SYNCHRONIZATION, CHANNELIZATION AND RELATED SAFETY MODIFICATIONS - NILES ST. FROM VIRGINIA ST. TO MORNING DR.	Complete	Complete
					2000	KER990518	SIGNAL SYNCHRONIZATION, CHANNELIZATION AND RELATED SAFETY MODIFICATIONS - FAIRFAX RD. FROM BRUNDAGE LANE TO COLLEGE AVE.	Complete	Complete
					2000	KER990523	SIGNALIZATION, SIGNAL SYNCHRONIZATION, CHANNELIZATION AND RELATED SAFETY MODIFICATIONS - OSWELL ST. FROM BRUNDAGE LANE TO BERNARD ST.	Complete	Complete

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Commitment Description</u>	<u>Commitment Schedule</u>	<u>Commitment Funding</u>	<u>TIP</u>	<u>TIP Project ID</u>	<u>Project Description</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
								(as of 3/14)	(as of 8/15)
					2000	KER000533	SYNCHRONIZATION CHANNELIZATION AND RELATED SAFETY MODIFICATIONS ON CALIFORNIA AVENUE FROM WASHINGTON STREET TO EDISON HIGHWAY	Complete	Complete
								Complete	Complete
KE 10.2	County	Retrofit buses with bike racks	2005	\$80,000 CMAQ (includes local)	2002	KER000528	INSTALL BIKE CYCLE RACKS ON BUS FLEET	Complete	Complete
KE 10.2	Delano	Bike racks on four full size transit buses	2003	Not specified				Complete	Complete
J 34	GET	Develop and implement an area vehicle locator		\$2.2 million	2002	KER990526 KER990527	Area Vehicle Locator (Phase 1) Area Vehicle Locator (Phase 2)	Complete	Complete
KE 9.3	Ridgecrest	Construct 1.5 miles of bicycle lane on existing streets and 2.67 miles of new bike lanes	2003	\$165,000 TEA	2002	KER990902	IN RIDGECREST - CHELSEA STREET BICYCLE PATH EXTENSION PROJECT	Complete	Complete

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Commitment Description</u>	<u>Commitment Schedule</u>	<u>Commitment Funding</u>	<u>TIP</u>	<u>TIP Project ID</u>	<u>Project Description</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
								(as of 3/14)	(as of 8/15)
KE 1.5	Shafter	Analyze transit system for route expansion; construct a CNG facility; two CNG mini-vans for enhanced service	2000; 2003	Not specified				Complete	Complete
KE 1.5	Taft	Construct transit transfer station	2002	\$375,000 CMAQ	2002	KER990550	IN THE CITY OF TAFT - CONSTRUCT TRANSIT TRANSFER STATION	Complete	Complete
KE 9.5 and 9.2	Tehachapi	1.3 miles of Class I bike trails adjacent to several roadways in community	2003	Not specified				Complete	Complete
SJ 5.3	Wasco	Traffic signal at Highway 46 and Griffith Avenue	Not specified	\$221,000				Complete	Complete
KE 7.17	Wasco	Construct new transit transfer station	design in 2002	\$619,710 CMAQ	2002	KER000520	CONSTRUCT NEW TRANSIT TRANSFER STATION	Complete	Complete

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Commitment Description</u>	<u>Commitment Schedule</u>	<u>Commitment Funding</u>	<u>TIP</u>	<u>TIP Project ID</u>	<u>Project Description</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
								(as of 3/14)	(as of 8/15)
KE 9.1	Wasco	Convert two mid-block alleys to pedestrian walkways	2002	TEA	2002	KER001001	DOWNTOWN STREETScape IMPROVEMENT PROJECT	Complete	Complete

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Measure Title</u>	<u>Measure Description (not verbatim)</u>	<u>Implementation Status</u> (as of 3/14)	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u> (as of 8/15)
14.9	KCOG	Business, Industry and Governmental Outreach Program	Implement multi-agency outreach program and promote incentives for 2002-03 through 2004-05	Commitment Complete.	Commitment Complete.
KE5.4	Bakersfield	Site-Specific Transportation Control Measures	Encourage implementation... include various channelization and signal modification projects identified by special traffic studies or development for the next 5 years (2007)	Projects prior to 2007 complete (see Project TID Table). Westside Parkway will continue to be tracked.	Commitment Complete.
KE1.1	County of Kern	Regional Express Bus Program	Purchase buses to operate regional express bus service	The County of Kern continues to offer regional express bus service.	The County of Kern continues to offer regional express bus service.
KE1.7	County of Kern	Free transit during special events	Offer one day of free travel from Bakersfield to Kernville Whisky Flat Days and Frazier Park Lilac Festival	The County of Kern has offered free transit for these events and will continue to do so.	The County of Kern has offered free transit for these events and will continue to do so.
KE9.2	County of Kern	Encouragement of Pedestrian Travel	Implement Bikeway Master Plan	Implementation of the Bikeway Master Plan continues to occur along with updates to the Kern County General Plan. The Bikeway Master Plan was approved regionally by the Kern Council of Governments October 2012.	Implementation of the Bikeway Master Plan continues to occur along with updates to the Kern County General Plan. The Bikeway Master Plan was approved regionally by the Kern Council of Governments October 2012.
KE14.4	County of Kern	Voluntary No Drive Day Programs	Conduct voluntary employee no-drive day programs during the ozone season through media and employer based public awareness activities in 2002	Commitment Complete.	Commitment Complete.
KE5.1	Taft	Develop Intelligent Transportation Systems	Provide areas for pedestrian and bicyclist in vicinity of commercial development and promote use of such areas.	Commitment Complete.	Commitment Complete.
KE9.3	Taft	Bicycle/Pedestrian Program	Provide facilities for only pedestrian and bicycle use.	Commitment Complete.	Commitment Complete.
KE9.5	Taft	Encouragement of Bicycle Travel	Provide funding for bikeway system. Provide education materials	Commitment Complete.	Commitment Complete.
KE1.7	Wasco	Free transit during special events	Provide free transit between Saturday's events during the Wasco Rose Festival beginning in 2002 through 2005	Commitment Complete.	Commitment Complete.

Kern Council of Governments 2015 Conformity Analysis: 2008 Ozone and 2012 PM2.5

Kern Council of Governments
2002 RACM Timely Implementation Documentation

<u>RACM Commitment</u>	<u>Agency</u>	<u>Measure Title</u>	<u>Measure Description (not verbatim)</u>	<u>Implementation Status</u>	<u>2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards</u>
KE3.9	Wasco	Encourage merchants and employers to subsidize the cost of transit for employees	Offer free transportation to full time, permanent City of Wasco, School District and High School District employees beginning in 2002 through 2005	Commitment Complete.	Commitment Complete.
KE9.8	Wasco	Close streets for special events for use by bikes and pedestrians	Close streets to vehicles for the annual Wasco Festival of Roses	Yes, the parade route was closed for vehicle traffic and open to foot traffic. Closure will continue for annual event.	Yes, the parade route was closed for vehicle traffic and open to foot traffic. Closure will continue for annual event.

APPENDIX F

PUBLIC HEARING PROCESS DOCUMENTATION

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the Kern Council of Governments (Kern COG) will hold a public hearing at 4:30 PM September 9, 2015 at Kern COG's office, 1401 19th Street, Suite 300, Bakersfield, CA 93301 regarding Draft Amendment No. 12 to the 2015 Federal Transportation Improvement Program and the Draft 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards. Please be advised the Public Hearing Officer, Raquel Pacheco, is holding the hearing to receive public comments.

- The 2015 FTIP is a listing of capital improvement and operational expenditures utilizing federal and state monies for transportation projects in Kern County through 2018.
- The Draft 2015 FTIP Amendment No.12 includes revisions to the State Highway/Regional Choice Program.
- The Draft 2015 FTIP Amendment No.12 contains a project list, summary of changes, and financial plan.
- The Draft 2015 FTIP Amendment No.12 is a Type 4 amendment that relies on the previous emission analysis for carbon monoxide, PM-10, and PM2.5 (1997 24-hour and Annual standards and 2006 24-hour PM2.5 standards) and a new air quality conformity analysis for the 2008 8-hour Ozone and 2012 PM2.5 Standards.
- The Draft 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards contains the documentation to support a finding that the 2015 FTIP Amendment No.12 and 2014 RTP meet the air quality conformity requirements for carbon monoxide, ozone and particulate matter.

Individuals with disabilities may call Kern COG at (661) 861-2191 with 3-working-day advance notice to request auxiliary aids necessary to participate in the public hearing. Translation services are available (with 3-working-day advance notice) to participants speaking any language with available professional translation services.

A 30-day public review and comment period will begin August 28, 2015 and conclude September 28, 2015. The draft documents are available for review at Kern COG's office and on Kern COG's website at www.kerncog.org. Public comments are welcomed at the hearing, or may be submitted in writing by 5 PM September 28, 2015 to Ahron Hakimi at the address below.

After considering the comments, the documents will be considered for adoption, by resolution, by the Kern Council of Governments at a regularly scheduled meeting to be held 6:30 PM October 15, 2015. The documents will then be submitted to state and federal agencies for approval.

Ahron Hakimi, Executive Director
Kern Council of Governments
1401 19th Street, Suite 300
Bakersfield, CA 93301
(661) 861-2191

BEFORE THE KERN COUNCIL OF GOVERNMENTS
STATE OF CALIFORNIA, COUNTY OF KERN

RESOLUTION NO. 15-40

In the Matter of:

2015 Federal Transportation Improvement Program Amendment #12 and the 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards

WHEREAS, the Kern Council of Governments (Kern COG) is a Regional Transportation Planning Agency and a Metropolitan Planning Organization, pursuant to State and Federal designation; and

WHEREAS, federal planning regulations require Metropolitan Planning Organizations to prepare and adopt a long range Regional Transportation Plan (RTP) for their region; and

WHEREAS, federal planning regulations require that Metropolitan Planning Organizations prepare and adopt a Federal Transportation Improvement Program (FTIP) for their region; and

WHEREAS, a 2014 Regional Transportation Plan was prepared in full compliance with federal guidance; and

WHEREAS, a 2014 Regional Transportation Plan was prepared in accordance with state guidelines adopted by the California Transportation Commission; and

WHEREAS, the 2015 Federal Transportation Improvement Program Amendment #12 (2015 FTIP Amendment #12) has been prepared to comply with Federal and State requirements for local projects and through a cooperative process between the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the State Department of Transportation (Caltrans), principal elected officials of general purpose local governments and their staffs, and public owner operators of mass transportation services acting through Kern COG forum and general public involvement; and

WHEREAS, the 2015 FTIP Amendment #12 program listing is consistent with: 1) the 2014 Regional Transportation Plan; 2) the 2014 State Transportation Improvement Program; and 3) the 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards; and

WHEREAS, the 2015 FTIP Amendment #12 contains the MPO's certification of the transportation planning process assuring that all federal requirements have been fulfilled; and

WHEREAS, the 2015 FTIP Amendment #12 meets all applicable transportation planning requirements per 23 CFR Part 450.

WHEREAS, projects submitted in the 2015 FTIP Amendment #12 must be financially constrained and the financial plan affirms that funding is available; and

WHEREAS, the 2015 FTIP Amendment #12 relies on the federally approved Conformity Analysis for the 2015 FTIP and 2014 RTP for carbon monoxide, PM-10, and PM 2.5 (1997 24-hour and Annual standards and the 2006 24-hour PM 2.5 standards) and a new regional emissions analysis for the 2008 Ozone and 2012 PM 2.5 Standards; and

WHEREAS, the MPO must demonstrate conformity per 40 CFR Part 93 for the RTP and FTIP; and

WHEREAS, the 2015 Conformity Analysis for the 2008 Ozone and 2012 PM2.5 Standards supports a finding that the 2015 FTIP Amendment #12 and 2014 RTP meet the air quality conformity requirements for carbon monoxide, ozone and particulate matter; and

WHEREAS, the 2015 FTIP Amendment #12 and 2014 RTP do not interfere with the timely implementation of the Transportation Control Measures; and

WHEREAS, the 2015 FTIP Amendment #12 and 2014 RTP conform to the applicable SIPs; and

WHEREAS, the documents have been widely circulated and reviewed by Kern COG's advisory committees representing the technical and management staffs of the member agencies; representatives of other governmental agencies, including State and Federal; representatives of special interest groups; representatives of the private business sector; and residents of Kern County consistent with public participation process adopted by Kern COG; and

WHEREAS, a public hearing was conducted on September 9, 2015 to hear and consider comments on the 2015 FTIP Amendment #12 and corresponding conformity analysis; and

NOW, THEREFORE, BE IT RESOLVED, that Kern COG adopts the 2015 FTIP Amendment #12 and corresponding conformity analysis; and

BE IT FURTHER RESOLVED, that Kern COG finds that the 2015 FTIP Amendment #12, 2014 RTP, and conformity analysis are in conformity with the requirements of the Federal Clean Air Act Amendments and applicable State Implementation Plans for air quality.

AUTHORIZED AND SIGNED THIS 15th DAY OF OCTOBER 2015.

AYES: Gurrola, B. Smith, Wood, Pascual, Wilke, McFarland, P. Smith, Couch, Perez, Miller, Parra

NOES: None

ABSTAIN: None

ABSENT: Breeden, Prout, Krier, Wegman


Jennifer A. Wood, Chair
Kern Council of Governments

ATTEST:

I hereby certify that the foregoing is a true copy of a resolution of the Kern Council of Governments duly adopted at a regular meeting thereof held on the 15th day of October 2015.


Ahron Hakimi, Executive Director
Kern Council of Governments

OCT 19 2015
Date:

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2015 FTIP Amend 12/Conformity Analysis
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APPENDIX G

RESPONSE TO PUBLIC COMMENTS

The public review period was from August 28, 2015 to September 28, 2015.
The public hearing was held at 4:30 PM September 9, 2015 at Kern COG's office.
No public comments have been received.