



**Kern Council  
of Governments**

May 17, 2013

Mr. Muhaned Aljabiry  
California Department of Transportation  
Division of Transportation Programming, MS82  
P.O. Box 942874  
Sacramento, CA 94274-0001

Attention: Ms. Gwyn Reese

**Subject: Submittal of the Kern Council of Governments' 2013 Federal Transportation Improvement Program Amendment No. 4, 2011 Regional Transportation Plan Amendment No. 4, and 2008 Ozone Conformity Analysis**

Dear Mr. Aljabiry:

Enclosed for your review and approval is 2013 Federal Transportation Improvement Program (FTIP) Amendment No. 4, 2011 Regional Transportation Plan (RTP) Amendment No. 4, and 2008 Ozone Conformity Analysis. The final adopted documents meet all applicable transportation planning requirements per 23 CFR Part 450 and 40 CFR Part 93.

A 30-day public review and interagency consultation period was completed on April 23, 2013. A public hearing was held on April 18, 2013. The final documents have been updated to address public comments received. The public participation process is consistent with Kern COG Board adopted public participation plan. On May 16, 2013, the Kern COG Board of Directors approved 2013 FTIP Amendment No. 4, 2011 RTP Amendment No. 4, and 2008 Ozone Conformity Analysis. State and federal approval is requested by July 20, 2013 to avoid a valley-wide conformity lapse.

Included with this letter are two hard copies of 2013 FTIP Amendment No. 4 and 2011 RTP Amendment No. 4, as well as three copies of 2008 Ozone Conformity Analysis. An electronic copy of the four year financial plan will be sent via email. The final documents are available online on Kern COG's website at [www.kerncog.org](http://www.kerncog.org); additional hard copies will be provided upon request.

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It is requested that Caltrans approve these documents as soon as possible and forward for federal approval. Federal approval must be issued by July 20, 2013 in order to avoid a valley-wide conformity lapse.

If you have any questions regarding these documents, please contact:

Raquel Pacheco, [rpacheco@kerncog.org](mailto:rpacheco@kerncog.org), for the FTIP  
Joseph Stramaglia, [jstramaglia@kerncog.org](mailto:jstramaglia@kerncog.org), for the RTP  
Robert R. Ball, [rball@kerncog.org](mailto:rball@kerncog.org), for the Conformity Analysis

Sincerely,



AHRON HAKIMI,  
EXECUTIVE DIRECTOR

AH/rp

Enclosures

cc:

Gwyn Reese, Caltrans, Div. Of Programs (2 copies)  
Mike Brady, Caltrans (letter)  
Garth Hopkins, Caltrans (letter)  
La Nae Van Valen, Caltrans (letter)  
Steve Curti, Caltrans District 6 (letter)  
Gail Miller, Caltrans District 6 (letter)  
Jim Perrault, Caltrans District 6 (letter)  
Jermaine Hannon, FHWA (letter)  
Joseph Vaughn, FHWA (letter)  
Ted Matley, FTA (letter)  
Paul Page (letter)  
Karina O'Connor, US EPA (letter)  
Lisa Hanf, US EPA (letter)  
Jason Crow, ARB (letter)  
Chelsea Gonzales, SJVAPCD (letter)  
Executive Directors, Valley COGs (letter)  
Cari Anderson

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

RESOLUTION NO. 13-24

In the matter of:

2013 Federal Transportation Improvement Program Amendment #4, 2011 Regional Transportation Plan Amendment #4, and 2008 Ozone Conformity Analysis

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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 2011 Regional Transportation Plan Amendment #4 (2011 RTP Amendment #4 ) has been prepared in full compliance with federal guidance; and

WHEREAS, a 2011 Regional Transportation Plan Amendment #4 has been prepared in accordance with state guidelines adopted by the California Transportation Commission; and

WHEREAS, to the 2013 Federal Transportation Improvement Program Amendment #4 (2013 FTIP Amendment #4) and 2011 RTP Amendment #4 have 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 the Kern Council of Governments forum and general public involvement; and

WHEREAS, 2013 FTIP Amendment #4 program listing is consistent with: 1) the 2011 RTP Amendment #4; 2) the 2012 State Transportation Improvement Program; and 3) the 2008 Ozone Conformity Analysis; and

WHEREAS, 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 contain the MPO's certification of the transportation planning process assuring that all federal requirements have been fulfilled; and

WHEREAS, 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 meet all applicable transportation planning requirements per 23 CFR Part 450.

WHEREAS, projects submitted in 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 must be financially constrained and the financial plan affirms that funding is available; and

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

WHEREAS, the 2008 Ozone Conformity Analysis supports a finding that the 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 meet the air quality conformity requirements for carbon monoxide, ozone and particulate matter; and

WHEREAS, the 2008 Ozone Conformity Analysis relies on the federally approved previous emissions analysis for carbon monoxide, PM 10 and PM 2.5; and

WHEREAS, 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 do not interfere with the timely implementation of the Transportation Control Measures; and

WHEREAS, 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 conform to the applicable SIPs; and

WHEREAS, the documents have been widely circulated and reviewed by Kern COG 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 April 18, 2013 to hear and consider comments on 2013 FTIP Amendment #4, 2011 RTP Amendment #4, and 2008 Ozone Conformity Analysis; and

NOW, THEREFORE, BE IT RESOLVED, that Kern COG adopts 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 and 2008 Ozone Conformity Analysis.

BE IT FURTHER RESOLVED, that the Kern COG finds that 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 are in conformity with the requirements of the Federal Clean Air Act Amendments and applicable State Implementation Plans for air quality.

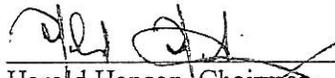
AUTHORIZED AND SIGNED THIS 16<sup>TH</sup> DAY OF MAY 2013.

AYES: Gurrola, Hanson, Wood, Wilke, Holloway, Johnston, Linder, Wegman, Couch, Scrivner, Miller, Silver

NOES: None

ABSTAIN: None

ABSENT: Pascual, Cantu, Smith

  
\_\_\_\_\_  
Harold Hanson, Chairman  
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 16<sup>th</sup> day of May 2013.



**MAY 16 2013**

\_\_\_\_\_  
Ahron Hakimi, Executive Director  
Kern Council of Governments

\_\_\_\_\_  
Date:

## Summary of Comments and Responses

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As part of the development of the TIP, stakeholders, technical staff, and the general public were given the opportunity to comment. The public review period was held March 25, 2013 to April 23, 2013.

### 2013 Federal Transportation Improvement Program Amendment No. 4

#### Dennis Fox – 4/18/13 public hearing

Mr. Fox asked about traffic signal light coordination in the City of Bakersfield.

#### *Response:*

*1. Kern COG continues to partner with the City of Bakersfield's signal coordination projects as part of the Congestion Mitigation Air Quality program.*

### Conformity Analysis

#### Marvin Dean – 4/18/13 public hearing

Mr. Dean spoke in support of the Conformity Analysis.

#### *Response:*

*1. Thank you for your comment.*

**ATTACHMENT 1**

**PROJECT LIST**

**Caltrans Summary of Changes**

**“CTIPS” Printout - Revised Records**

## Caltrans Summary of Changes

Amendment Type:  
Amendment #:

Formal

4

Existing or New Project	MPO FTIP/RTP ID	PROJECT TITLE	FFY of Current Programming	FFY to be Programmed	Phase	Fund Source	% Cost Increase/Decrease	DESCRIPTION OF CHANGE
Existing	KER020604	IN BAKERSFIELD: HAGEMAN ROAD EASTERLY ACROSS STATE ROUTE 99 AND CONNECT WITH STATE ROUTE 204	FFY 17/18	FFY 15/16	CON	Local	0%	Move \$55,000,000
Existing	KER050104	IN BFL: CENTENNIAL CORRIDOR (ELEMENT OF BFL BELTWAY SYSTEM), I-5 TO SR58 AT COTTONWOOD; NEW 6 LN FWY SR58/SR99 TO WESTSIDE PWY (SR58 CONNECTOR); OP IMPROVE (\$22,366,500 toll credits as part of match)	FFY 15/16	FFY 12/13	CON	NCIIP	0%	Move \$3,629,730 from CON FY 15/16 to PE FY 12/13
			FFY 15/16	FFY 12/13	CON	Local	0%	Move \$470,270 from CON FY 15/16 to PE FY 12/13
			FFY 15/16	FFY 13/14	CON	NCIIP	0%	Move \$26,921,232 from CON FY 15/16 to CON FY 13/14
			FFY 15/16	FFY 13/14	CON	Local	0%	Move \$50,637,693 from CON FY 15/16 to CON FY 13/14
			FFY 15/16	N/A	CON	Local	1%	Delete \$4,900,000
			FFY 15/16	FFY 13/14	CON	PNRS	0%	Move \$90,441,075
Existing	KER050108	IN BAKERSFIELD: SR 178 FROM VINELAND TO EAST OF MIRAMONTE; WIDEN EXISTING HIGHWAY	FFY 12/13	FFY 12/13	RW	Local	5%	Add \$2,500,000
Existing	KER080110	IN BAKERSFIELD: ROSEDALE HWY (SR58) FROM WEST OF ALLEN RD TO SR 99; WIDEN EXISTING HIGHWAY	Prior Year	N/A	PE	NCIIP	7%	Delete \$1,327,950
			Prior Year	N/A	PE	Local	1%	Delete \$172,050
			FFY 12/13	FFY 13/14	CON	NCIIP	13%	Move \$8,853,000; Add \$2,655,900
			FFY 12/13	FFY 13/14	CON	Local	2%	Move \$1,147,000; Add \$344,100

### Caltrans Summary of Changes

Existing or New Project	MPO FTIP/RTP ID	PROJECT TITLE	FFY of Current Programming	FFY to be Programmed	Phase	Fund Source	% Cost Increase/Decrease	DESCRIPTION OF CHANGE
Existing	KER120102	IN BAKERSFIELD: SR 99 SOUTHBOUND AUXILIARY LANE AND IMPROVEMENTS FROM GILMORE UNDERCROSSING TO ROSEDALE HWY	FFY 12/13	FFY 13/14	CON	NCIIP	0%	Move \$5,311,800
			FFY 12/13	FFY 13/14	CON	Local	0%	Move \$688,200
Existing	KER120103	IN BAKERSFIELD: 24TH/23RD ST (SR178) FM SR99 TO EAST OF M ST; INTERSECTION IMPROVEMENTS AT OAK ST & WIDEN EXISTING HIGHWAY	FFY 13/14	N/A	CON	NCIIP	6%	Delete \$2,655,900
			FFY 13/14	FFY 13/14	CON	Local	26%	Add \$11,655,900

**Legend**  
 NCIIP  
 PNRS

National Corridor Infrastructure Improvement Program  
 Projects of National and Regional Significance

**ATTACHMENT A - REVISED RECORDS**  
**Kern Council of Governments: Amendment No. 4 to the 2013 Federal Transportation Improvement Program**

**PROGRAM: State Highway / Regional Choice Program**

Route Postmile PIN Ste/Fed ID Fund AQ Lead	Description  Total Escalated Cost CTIPS ID	Phase	Program Schedule (construction costs escalated per Caltrans percentages)						Funding Summary		
			Prior Years	Four Year Element					Local	State	Federal
				12-13	13-14	14-15	15-16	16-17			
058 KER080110  NCIIP/IST Bakersfield	IN BAKERSFIELD: ROSEDALE HWY (SR58) FROM WEST OF ALLEN RD TO SR 99; WIDEN EXISTING HIGHWAY  \$21,807,991 20400000524	PE \$4,607,991 RW \$4,200,000 Con  Total \$8,807,991		\$13,000,000						RTP Reference: KER08RTP007, KER08RTP090 Prior Yr Status: --- Future Cost Est: --- Prior \$1,403,269 \$7,404,722 Current \$1,491,100 \$11,508,900	
178 KER120103  NCIIP Bakersfield	IN BAKERSFIELD: 24TH/23RD ST (SR178) FROM SR99 TO EAST OF M ST; INTERSECTION IMPROVEMENTS AT OAK ST & WIDEN EXISTING HIGHWAY  \$54,000,000 20400000649	PE RW Con  Total	\$4,000,000 \$14,000,000	\$36,000,000						RTP Reference: KER08RTP014 Prior Yr Status: --- Future Cost Est: --- Prior Current \$32,092,112 \$21,907,888	
178 KER050108  NCIIP Bakersfield	IN BAKERSFIELD: SR 178 FROM VINELAND TO EAST OF MIRAMONTE; WIDEN EXISTING HIGHWAY  \$56,533,209 20400000395	PE \$10,533,209 RW Con  Total \$10,533,209	\$2,000,000 \$11,000,000	\$33,000,000						RTP Reference: KER08RTP011 Prior Yr Status: --- Future Cost Est: --- Prior \$1,208,159 \$9,325,050 Current \$31,750,076 \$14,249,924	
Regional KER120102  NCIIP Bakersfield	IN BAKERSFIELD: SR 99 SOUTHBOUND AUXILIARY LANE AND IMPROVEMENTS FROM GILMORE UNDERCROSSING TO ROSEDALE HWY  \$6,000,000 20400000647	PE RW Con  Total		\$6,000,000						RTP Reference: KER08RTP020 Prior Yr Status: --- Future Cost Est: --- Prior Current \$688,200 \$5,311,800	
Regional KER050104  NCIIP/PN Bakersfield	IN BFL: CENTENNIAL CORRIDOR (ELEMENT OF BFL BELTWAY SYSTEM), I-5 TO SR58 AT COTTONWOOD; NEW 6 LN FWY SR58/SR99 TO WESTSIDE PWY  \$694,000,000 20400000391	PE \$25,000,000 RW Con  Total \$25,000,000	\$39,000,000 \$195,000,000	\$168,000,000	\$267,000,000					RTP Reference: KER08RTP020 Prior Yr Status: --- Future Cost Est: --- Prior \$2,867,500 \$22,132,500 Current \$318,109,993 \$350,890,007	
Regional KER020604  NCIIP Bakersfield	IN BAKERSFIELD: HAGEMAN ROAD EASTERLY ACROSS STATE ROUTE 99 AND CONNECT WITH STATE ROUTE 204  \$72,844,341 20400000191	PE \$5,344,341 RW \$500,000 Con  Total \$5,844,341	\$8,500,000	\$3,500,000	\$55,000,000					RTP Reference: KER08RTP013 Prior Yr Status: --- Future Cost Est: --- Prior \$1,334,321 \$4,510,020 Current \$56,376,400 \$10,623,600	

**ATTACHMENT 2**

**UPDATED FINANCIAL PLAN**

**TABLE 1: REVENUE**

**Kern Council of Governments  
2012/13-2015/16 Federal Transportation Improvement Program  
Amendment No. 4  
(\$'s in 1,000)**

Funding Source		NOTES	4 YEARS (FSTIP Cycle)								CURRENT TOTAL
			2012/13		2013/14		2014/15		2015/16		
			Amendment		Amendment		Amendment		Amendment		
			Prior No.	Current No.	Prior No.	Current No.	Prior No.	Current No.	Prior No.	Current No.	
LOCAL	-- Gas Tax (Subventions to Cities)	\$16,092	\$16,092	\$8,010	\$8,010	\$436	\$436	\$293	\$293	\$24,832	
	-- Street Taxes and Developer Fees	\$42,578	\$43,713	\$46,819	\$111,292			\$319,007	\$317,999	\$473,004	
	<b>Local Total</b>	\$58,671	\$59,806	\$54,829	\$119,302	\$436	\$436	\$319,300	\$318,292	\$497,836	
STATE	SHOPP (Including Augmentation)	\$9,380	\$9,380	\$48,807	\$48,807	\$18,233	\$18,233	\$37,611	\$37,611	\$114,031	
	STIP (Including Augmentation)	\$30,678	\$30,678	\$8,165	\$8,165	\$18,625	\$18,625	\$11,816	\$11,816	\$69,284	
	Transportation Enhancement	\$1,806	\$1,806	\$3,058	\$3,058	\$1,962	\$1,962	\$234	\$234	\$7,060	
	STIP Prior										
	Transportation Enhancement	\$140	\$140							\$140	
	Proposition 1 B	\$54,060	\$54,060							\$54,060	
	Highway Maintenance (HM)	\$14,460	\$14,460							\$14,460	
	<b>State Total</b>	\$110,525	\$110,525	\$60,030	\$60,030	\$38,820	\$38,820	\$49,661	\$49,661	\$259,035	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$4,323	\$4,323	\$3,840	\$3,840					\$8,163	
	5310 - Elderly & Persons with Disabilities Formula Program										
	5311 - Nonurbanized Area Formula Program										
	5316 - Job Access and Reverse Commute Program	\$703	\$703							\$703	
	5317 - New Freedom										
	<b>Federal Transit Total</b>	\$5,026	\$5,026	\$3,840	\$3,840					\$8,866	
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ)	\$9,720	\$10,089	\$9,720	\$9,720	\$9,720	\$9,720	\$9,720	\$9,720	\$39,250	
	Corridor Infrastructure Improvement Program (SAFETEA-LU Sec. 1302)	\$307,522	\$296,987	\$16,681	\$57,767			\$30,551		\$354,754	
	High Priority Projects (HPP) and Demo	\$7,850	\$7,850					\$16,750	\$16,750	\$24,600	
	Highway Bridge Program (HBP)	\$761	\$761							\$761	
	Highway Safety Improvement Program (HSIP)	\$396	\$396	\$1,034	\$1,034	\$1,255	\$1,255	\$264	\$264	\$2,949	
	Projects of National/Regional Significance (SAFETEA-LU Sec. 1301)	\$23,000	\$23,000		\$90,441			\$90,441		\$113,441	
	Safe Routes to School (SRTS) (SAFETEA-LU)	\$507	\$507			\$1,851	\$1,851	\$583	\$583	\$2,942	
	Surface Transportation Program (Regional)	\$9,220	\$10,043	\$9,220	\$9,220	\$9,220	\$9,220	\$9,220	\$9,220	\$37,703	
	Transportation and Community and System Preservation Program	\$400	\$400							\$400	
	<b>Federal Highway Total</b>	\$359,377	\$350,034	\$36,656	\$168,183	\$22,046	\$22,046	\$157,530	\$36,538	\$576,800	
	<b>Federal Total</b>	\$364,404	\$355,060	\$40,496	\$172,023	\$22,046	\$22,046	\$157,530	\$36,538	\$585,667	
<b>REVENUE TOTAL</b>		\$533,599	\$525,391	\$155,355	\$351,355	\$61,303	\$61,303	\$526,491	\$404,491	\$1,342,538	

MPO Financial Summary Notes:

\*Note: Financial tables reflect changes approved as part of administrative modifications

**TABLE 2: PROGRAMMED**

**Kern Council of Governments  
2012/13-2015/16 Federal Transportation Improvement Program  
Amendment No. 4  
(\$'s in 1,000)**

Funding Source		NOTES	4 YEARS (FSTIP Cycle)								CURRENT TOTAL
			2012/13		2013/14		2014/15		2015/16		
			Amendment		Amendment		Amendment		Amendment		
			Prior No.	Current No.	Prior No.	Current No.	Prior No.	Current No.	Prior No.	Current No.	
<b>LOCAL</b>	<b>Local Total</b>		\$58,671	\$59,806	\$54,829	\$119,302	\$436	\$436	\$319,300	\$318,292	\$497,836
<b>STATE</b>	SHOPP (Including Augmentation)		\$9,380	\$9,380	\$48,807	\$48,807	\$18,233	\$18,233	\$37,611	\$37,611	\$114,031
	STIP (Including Augmentation)		\$30,678	\$30,678	\$8,165	\$8,165	\$18,625	\$18,625	\$11,816	\$11,816	\$69,284
	<i>Transportation Enhancement</i>		\$1,806	\$1,806	\$3,058	\$3,058	\$1,962	\$1,962	\$234	\$234	\$7,060
	STIP Prior										
	<i>Transportation Enhancement</i>		\$140	\$140							\$140
	Proposition 1 B		\$54,060	\$54,060							\$54,060
	Highway Maintenance (HM)		\$14,460	\$14,460							\$14,460
	<b>State Total</b>		<b>\$110,525</b>	<b>\$110,525</b>	<b>\$60,030</b>	<b>\$60,030</b>	<b>\$38,820</b>	<b>\$38,820</b>	<b>\$49,661</b>	<b>\$49,661</b>	<b>\$259,035</b>
<b>FEDERAL TRANSIT</b>	5307 - Urbanized Area Formula Program		\$4,323	\$4,323	\$3,840	\$3,840					\$8,163
	5310 - Elderly & Persons with Disabilities Formula Program										
	5311 - Nonurbanized Area Formula Program										
	5316 - Job Access and Reverse Commute Program		\$703	\$703							\$703
	5317 - New Freedom										
	<b>Federal Transit Total</b>		<b>\$5,026</b>	<b>\$5,026</b>	<b>\$3,840</b>	<b>\$3,840</b>					<b>\$8,866</b>
<b>FEDERAL HIGHWAY</b>	Congestion Mitigation and Air Quality (CMAQ)		\$9,720	\$9,720	\$9,720	\$9,720					\$19,440
	<b>Corridor Infrastructure Improvement Program (SAFETEA-LU Sec. 1302)</b>		<b>\$307,522</b>	<b>\$296,987</b>	<b>\$16,681</b>	<b>\$57,767</b>			<b>\$30,551</b>		<b>\$354,754</b>
	High Priority Projects (HPP) and Demo		\$7,850	\$7,850					\$16,750	\$16,750	\$24,600
	Highway Bridge Program (HBP)		\$761	\$761							\$761
	Highway Safety Improvement Program (HSIP)		\$396	\$396	\$1,034	\$1,034	\$1,255	\$1,255	\$264	\$264	\$2,949
	<b>Projects of National/Regional Significance (SAFETEA-LU Sec. 1301)</b>		<b>\$23,000</b>	<b>\$23,000</b>		<b>\$90,441</b>			<b>\$90,441</b>		<b>\$113,441</b>
	Safe Routes to School (SRTS) (SAFETEA-LU)		\$507	\$507			\$1,851	\$1,851	\$583	\$583	\$2,942
	Surface Transportation Program (Regional)		\$9,220	\$9,220	\$9,220	\$9,220					\$18,439
	Transportation and Community and System Preservation Program		\$400	\$400							\$400
	<b>Federal Highway Total</b>		<b>\$359,376</b>	<b>\$348,841</b>	<b>\$36,655</b>	<b>\$168,182</b>	<b>\$3,106</b>	<b>\$3,106</b>	<b>\$138,589</b>	<b>\$17,597</b>	<b>\$537,726</b>
	<b>Federal Total</b>		<b>\$364,403</b>	<b>\$353,868</b>	<b>\$40,495</b>	<b>\$172,022</b>	<b>\$3,106</b>	<b>\$3,106</b>	<b>\$138,589</b>	<b>\$17,597</b>	<b>\$546,593</b>
<b>PROGRAMMED TOTAL</b>			<b>\$533,598</b>	<b>\$524,198</b>	<b>\$155,354</b>	<b>\$351,354</b>	<b>\$42,362</b>	<b>\$42,362</b>	<b>\$507,550</b>	<b>\$385,550</b>	<b>\$1,303,464</b>

MPO Financial Summary Notes:

\*Note: Financial tables reflect changes approved as part of administrative modifications

### TABLE 3: REVENUE-PROGRAMMED

**Kern Council of Governments  
2012/13-2015/16 Federal Transportation Improvement Program  
Amendment No. 4  
(\$'s in 1,000)**

Funding Source		4 YEARS (FSTIP Cycle)								CURRENT TOTAL
		2012/13		2013/14		2014/15		2015/16		
		Amendment		Amendment		Amendment		Amendment		
		Prior	Current	Prior	Current	Prior	Current	Prior	Current	
		No.	No.	No.	No.	No.	No.	No.	No.	
LOCAL	Local Total									
	STATE									
	SHOPP (Including Augmentation)									
	STIP (Including Augmentation)									
	<i>Transportation Enhancement</i>									
	STIP Prior									
	<i>Transportation Enhancement</i>									
	Proposition 1 B									
	Highway Maintenance (HM)									
	State Total									
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program									
	5310 - Elderly & Persons with Disabilities Formula Program									
	5311 - Nonurbanized Area Formula Program									
	5316 - Job Access and Reverse Commute Program									
	5317 - New Freedom									
	Federal Transit Total									
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ)	\$0	\$369	\$0	\$0	\$9,720	\$9,720	\$9,720	\$9,720	\$19,810
	Corridor Infrastructure Improvement Program (SAFETEA-LU Sec. 1302)									
	High Priority Projects (HPP) and Demo									
	Highway Bridge Program (HBP)									
	Highway Safety Improvement Program (HSIP)									
	Projects of National/Regional Significance (SAFETEA-LU Sec. 1301)									
	Safe Routes to School (SRTS) (SAFETEA-LU)									
	Surface Transportation Program (Regional)	\$0	\$823	\$0	\$0	\$9,220	\$9,220	\$9,220	\$9,220	\$19,264
Transportation and Community and System Preservation Program										
	Federal Highway Total	\$1	\$1,192	\$1	\$1	\$18,940	\$18,940	\$18,940	\$18,940	\$39,074
	Federal Total	\$1	\$1,192	\$1	\$1	\$18,940	\$18,940	\$18,940	\$18,940	\$39,074
REVENUE - PROGRAM TOTAL		\$1	\$1,192	\$1	\$1	\$18,940	\$18,940	\$18,940	\$18,940	\$39,074

**ATTACHMENT 3**

**2011 RTP AMENDMENT #4**

**2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4**



*Photo courtesy of Bill Deaver*

**2011 REGIONAL TRANSPORTATION PLAN AMENDMENT NO. 4  
KERN COUNCIL OF GOVERNMENTS KERN COUNTY, CALIFORNIA**

**Regional Adoption  
May 16, 2013**

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## 2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4

### KERN COUNCIL OF GOVERNMENTS KERN COUNTY, CALIFORNIA May 16, 2013

#### INTRODUCTION

The 2011 Regional Transportation Plan (RTP), originally adopted in July 2010, is Kern Council of Government's (Kern COG) major policy document, representing the region's transportation system's vision through 2035. It is required under state and federal planning regulations; projects cannot be programmed for state or federal funding, nor implemented, unless identified in the RTP.

The scope of the proposed RTP Amendment No. 4 will be targeted at incorporating project updates for the Metropolitan Bakersfield area.

This RTP Amendment No. 4 will not necessitate the preparation of a new transportation/air quality conformity analysis and an Addendum to the 2011 RTP Subsequent Environmental Impact Report (SEIR).

#### PURPOSE AND NEED

Kern COG adopted the 2011 Regional Transportation Plan in July 2010 to comply with the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) planning regulations. SAFETEA-LU requires that the RTP's revenues and costs be shown in year-of-expenditure dollars. In addition, all projects to be included in the Federal Transportation Improvement Program (FTIP) must be fully funded in the RTP, and include estimated total project cost. In May 2011, Kern COG amended the 2011 RTP (Amendment No. 1) to reflect changes to the list of projects and certified a Program SEIR to address potential environmental effects. In January 2012, Kern COG amended the 2011 RTP (Amendment No. 2) including the map and description of the Bakersfield Beltway System to consist of three major roadways: 1) Central system, 2) West Beltway, and 3) North Beltway. In July 2012, Kern COG amended the 2011 RTP (Amendment No. 3) and made the following revisions:

- The SR 58 Gap Closure project has a revised cost estimate of \$31 million and the construction start date has advanced from 2015 to 2013;
- The Hageman Flyover project has a revised construction start date of 2018;
- Cost estimates were revised for the projects shown below:
  - SR 58 (Rosedale Highway) from Calloway Drive to Allen Road cost revised to \$6 million, previously \$8.8 million;
  - SR 58 (Rosedale Highway) from SR 99 to Calloway Drive cost revised to \$29 million, previously \$24.2 million;
  - SR 178 from Morning Drive to Vineland Road cost revised to \$56 million, previously \$58.8 million;
  - SR 178 from Vineland Road to Miramonte Drive cost revised to \$54 million, previously \$50 million;

## 2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4

- Westside Parkway has a revised cost estimate of \$304.9 million;
- Centennial Corridor has a revised cost estimate of \$698 million, with a construction start date of 2016; and
- The Oak Street/24<sup>th</sup> Street Improvements project is combined with the 24<sup>th</sup> Street Widening project with a construction start date of 2014.

### Proposed Revisions for RTP Amendment No. 4

Kern COG 2011 RTP Amendment No. 4 proposes the following technical revisions to the schedule and descriptions for the project information provided in previous 2011 RTP amendments. These changes are shown in Table 4.1 of the 2011 RTP, bold and highlighted in yellow:

- SR 99 – Hosking Interchange - revise start date from “2012” to “2013” (KER08RTP009);
- Local – Hageman Flyover – revise start date from “2018” to “2016” (KER08RTP013); and
- SR 58 Widening – revise limits to SR 99 to Fairfax Rd. – (KER08RTP093).

These revisions are due to normal project refinements that occur during the project development process. KER08RTP093 is a technical correction and was already incorporated into the currently conformity network. The revised start dates for KER08RTP009 and KER08RTP093 do not impact conformity analysis years. As additional studies and services are completed in the environmental phases, project details in the RTP are adjusted to accurately reflect the current project scope, schedule and budget. As a result of these revisions, there are no changes to the net funding required during the period from 2011 to 2035 in the 2011 RTP Amendment No. 4. In addition, the total number of projects does not change from those previously approved.

There are no net changes to the funding during the period from 2011 to 2035. The total number of projects does not change from those approved as part of the 2011 RTP. The California Environmental Quality Act (CEQA) amendment process requires that all proposed projects undergo the same evaluation as the original RTP. These evaluations are summarized as:

- The financial analysis indicates that the 2011 RTP remains fiscally constrained with amendments to these projects;
- The air quality conformity analysis indicates emissions remain below established mobile source emissions budgets;
- The environmental justice analysis indicates impacts related to implementation of the 2011 RTP remain balanced across the region;
- The public has been provided opportunities to comment on the projects.

CEQA permits a lead agency to prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions calling for preparation of a subsequent EIR have occurred. Additionally, Kern COG staff has prepared an Addendum EIR to the Subsequent Environmental Impact Report (SEIR) for the 2011 RTP to address past RTP Amendments. The revisions proposed in this amendment do not raise any new issues or new significant adverse environmental impacts outside the scope of the analyses already contained in the previously certified 2011 RTP SEIR and the last 3 addendums. Changes reflected in the 2011 RTP

## **2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4**

Amendment No. 4 will not cause additional environmental effects or require changes to mitigation measures contained in the 2011 RTP SEIR or in the RTP amendment No. 3 Addendum SEIR.

### **PROPOSED SCHEDULE**

Kern COG is opening a public comment period on the proposed RTP Amendment on March 25, 2013. At that time, Kern COG will commence its review of the associated draft air quality conformity determination analysis and the 2013 Federal Transportation Improvement Program required as part of this RTP amendment process. Public comment will close April 23, 2013.

Legal notice of the proposed air quality conformity determination will be provided to the public at least 30 days prior to April 23, 2013. On May 16, 2013, the Kern COG Board of Directors will formally consider the RTP Amendment, the FTIP update and the related air quality conformity determination.

### **POLICY ELEMENT**

The Policy Element of the RTP addresses legislative, planning, financial and institutional issues and requirements, as well as areas of regional consensus, such as land use. The Policy Element provides guidance to decision-makers regarding the implications, impacts, opportunities and foreclosed options that will result from RTP implementation. The proposed amendment to the 2011 Regional Transportation Plan continues to carry out the intentions of the RTP goals, policies, and actions.

### **ACTION ELEMENT**

The Action Element sets forth plans of action for the region to pursue and meet identified transportation needs. Planned investments must be consistent with the goals and policies of the RTP, and must be financially constrained. These projects are listed below in the Constrained Program of Projects (Table 4.1) and are modeled in the Air Quality conformity analysis.

The Constrained Program of Projects includes projects that move the Kern region toward a financially constrained and balanced system (i.e., budgeted using foreseeable funding). Constrained projects have undergone air quality conformity analyses to ensure that they contribute to the region's compliance with state and federal air quality regulations.

The Unconstrained Program of Projects (Table 4.2) incorporates the region's unbudgeted "vision". These projects represent alternatives that could be moved to the constrained program if support for an individual project remains strong and if proper funding can be identified. Status as an unconstrained project does not imply that the project is not needed; rather, it simply cannot be accomplished given the fiscal constraints facing the Kern region.

No unconstrained projects are included in the air quality conformity analysis. In the future, as the funding picture changes and community values and priorities for transportation projects become refined and honed, unconstrained projects may be moved to the constrained program. Should this occur, the 2011 Regional Transportation Plan would be amended and a new assessment of the Plan's conformity with state and federal air quality rules would be processed.

## 2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4

<b>TABLE 4.1 - Constrained Program of Projects</b>					
<b>2011 through 2015 - Major Highway Improvements</b>					
Project	Location		YOE Cost	Project ID	Start
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - w iden to four lanes (Phase1)	42,000,000	KER08RTP006	2014
Route 46	Lost Hills	SLO County Line to Brown Material Rd - w iden to four lanes (Phases 1 -3)	232,070,000	KER08RTP003	2009
Route 58	Metro Bkfd	Rosedale Hwy - Callow ay Dr to Rt 99 - w iden existing highway	29,000,000	KER08RTP007	2013
Route 58	Metro Bkfd	Rosedale Hwy - Allen Rd to Callow ay Dr - w iden existing highway	6,000,000	KER08RTP090	2013
Route 58	Bakersfield	SR 58 Gap Closure; element of Bakersfield Beltway System; Rt 99 to Cottonwood Rd. - w iden existing highway	31,000,000	KER08RTP019	2013
Route 99	Metro Bkfd	Hosking Ave - construct interchange	31,000,000	KER08RTP009	2013
Route 99	Bakersfield	Wilson Rd to Rt 119 - w iden to eight lanes	52,000,000	KER08RTP077	2012
Route 99	Bakersfield	Olive Drive - construct interchange upgrades	6,100,000	KER08RTP091	2012
Route 99	Bakersfield	Rt 204 to 7th Standard Rd - w iden to eight lanes (Phase 1)	12,000,000	KER08RTP104	2012
Route 99	Delano	Woollomes Ave - construct interchange upgrades	5,000,000	KER08RTP114	2010
Route 178	Bakersfield	Morning Dr to Vineland Rd - new interchange with freeway	56,000,000	KER08RTP010	2013
Route 178	Bakersfield	Vineland Rd to east of Miramonte Dr - w iden existing highway	54,000,000	KER08RTP011	2014
Challenger Dr. Ext.	Tehachapi	Viena St to Dennison Rd - construct new street	1,500,000	KER08RTP015	2013
W Ridgecrest Blvd	Ridgecrest	Mahan St to China Lake Blvd - w iden to four lanes	10,200,000	KER08RTP001	2013
Westside Parkway	Metro Bkfd	Rt 99 / Oak St to Heath Rd - construct local freeway	304,926,000	KER08RTP004	2009
Hageman Grade Sep	Metro Bkfd	Hageman/Santa Fe Way @ BNSF - construct grade separation	39,500,000	KER08RTP117	2011
Centennial Corridor	Bakersfield	I-5 to Rt-58/Cottonwood Rd - element of the Bakersfield Beltway System - construct new freeway and/or operational improvements	698,000,000	KER08RTP020	2016
24th St Improvements	Bakersfield	Rt 178 (24th/23rd St) from SR-99 to M Street - w iden existing highway	55,000,000	KER08RTP014	2014
<b>Sub-total</b>			<b>\$1,665,296,000</b>		

## 2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4

<b>TABLE 4.1 - Constrained Program of Projects Continued</b>					
<b>2016 through 2020 - Major Highway Improvements</b>					
Project	Location	Scope	YOE Cost	Project ID	Start
Hageman Flyover	Bakersfield	Knudsen Dr to Rt 204 - construct extension	68,900,000	KER08RTP013	2016
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - w iden to four lanes (Phase 2)	42,000,000	KER08RTP017	2018
Route 46	Lost Hills	Brown Material Rd to I-5 - interchange upgrade at I-5 - Phase 4A	27,000,000	KER14RTP001	2016
		<b>Sub-total</b>	<b>\$137,900,000</b>		
<b>2021 through 2025 - Major Highway Improvements</b>					
Project	Location	Scope	YOE Cost	Project ID	Start
Route 14	Inyokern	Redrock / Inyokern Rd to Rt 178 - w iden to four lanes (Phase 3)	\$32,000,000	KER08RTP024	2022
Route 58	Bakersfield	Rosedale Hwy - Rt 43 to Allen Rd - w iden existing highway	59,000,000	KER08RTP092	2025
Route 58	Metro Bkfd	Rosedale Hwy @ Minkler Spur / Landco - construct grade separation	27,000,000	KER08RTP118	2025
Route 58	Bakersfield	Rt 99 to Fairfax Rd - w iden to eight lanes	47,400,000	KER08RTP093	2025
Route 65	Bakersfield	James Rd to Merle Haggard Dr - w iden to four lanes	3,000,000	KER08RTP094	2021
Route 119	Taft	Cherry Ave to Elk Hills Rd (Phase 1, bypass) - w iden to four lanes	115,000,000	KER08RTP022	2022
Route 178	Bakersfield	At Rt 204 - construct interchange	25,700,000	KER08RTP095	2025
Route 184	Bakersfield	At Union Pacific Railroad - construct grade separation	26,400,000	KER08RTP108	2025
US 395	Ridgecrest	Between Rt 178 and China Lake Blvd - construct passing lanes	20,000,000	KER08RTP089	2022
7th Standard Rd	Shafter/Bkfd	Rt 43 to Santa Fe Way - w iden existing roadway	14,000,000	KER08RTP113	2025
West Beltway	Metro Bkfd	Rosedale Hwy to Westside Parkway - construct new facility	93,500,000	KER08RTP016	2025
		<b>Sub-total</b>	<b>\$463,000,000</b>		
<b>2026 through 2030 - Major Highway Improvements</b>					
Project	Location	Scope	YOE Cost	Project ID	Start
Route 46	Lost Hills	Brown Material Rd to I-5 - interchange upgrade at I-5 (Phase 4)	\$70,000,000	KER08RTP018	2026
Route 119	Bakersfield	I-5 to Buena Vista - w iden to four lanes	31,300,000	KER08RTP099	2026
Route 178	Metro Bkfd	West of Fairfax Rd to Vineland Rd - w iden existing freeway	17,000,000	KER08RTP111	2028
Route 178	Bakersfield	Existing west terminus to Oswell St - w iden to eight lanes	140,500,000	KER08RTP026	2026
Route 184	Bakersfield	Panama Rd to Rt 58 - w iden to four lanes	10,500,000	KER08RTP100	2029
Route 184	Bakersfield	Morning Dr to Rt 178 - w iden to four lanes	5,000,000	KER08RTP101	2026
Route 204	Bakersfield	Airport Drive to Rt 178 - w iden existing highway	55,000,000	KER08RTP083	2030
Route 204	Bakersfield	F St - construct interchange	36,000,000	KER08RTP081	2030
		<b>Sub-total</b>	<b>\$365,300,000</b>		

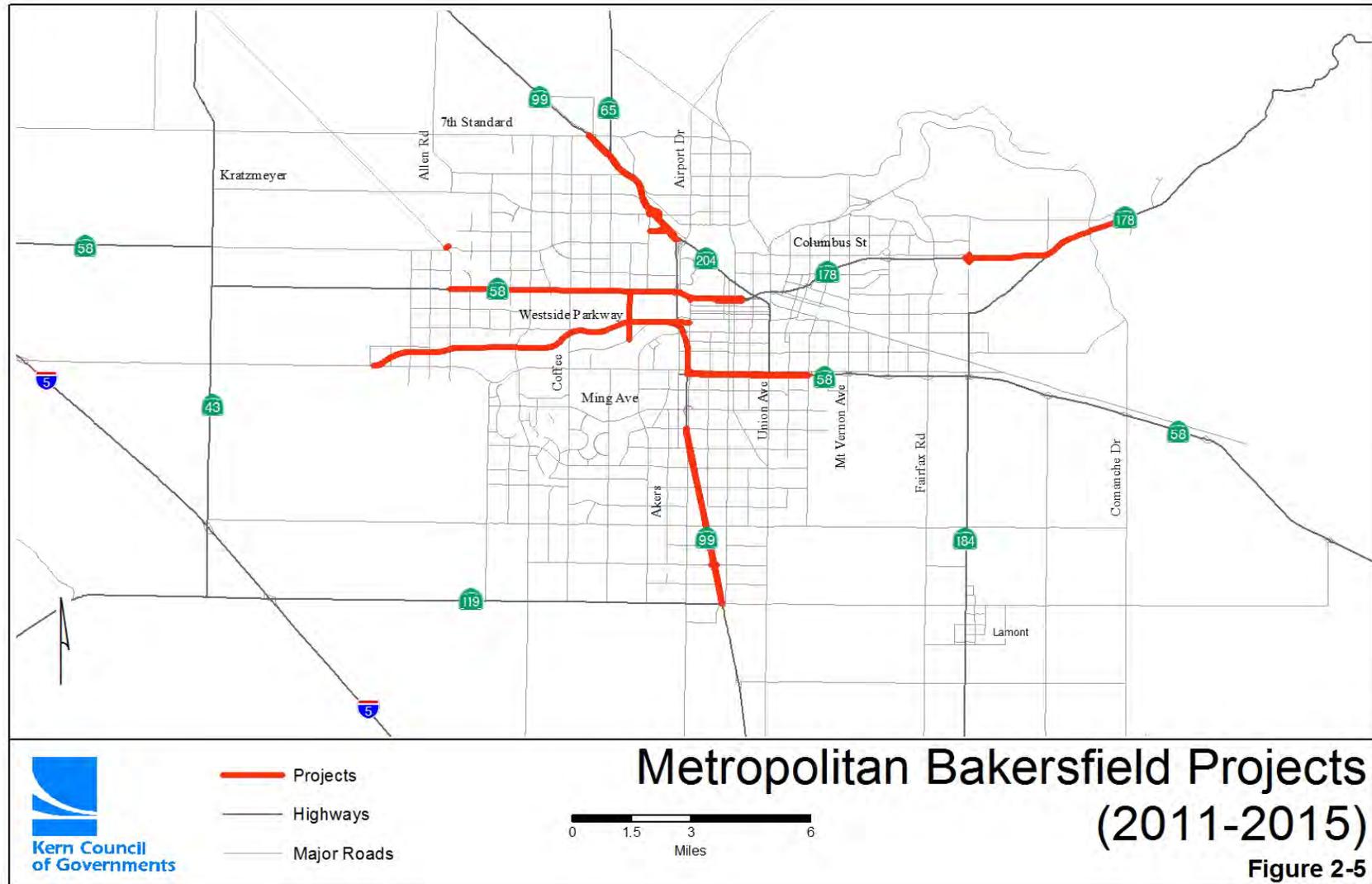
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<b>TABLE 4.1 - Constrained Program of Projects Continued</b>					
<b>2031 through 2035 - Major Highway Improvements</b>					
Project	Location	Scope	YOE Cost	Project ID	Start
Route 58	Bakersfield	At various locations - ramp improvements	\$32,600,000	KER08RTP103	2033
Route 99	Bakersfield	At Olive Drive - reconstruct interchange	108,000,000	KER08RTP021	2033
Route 99	Bakersfield	At Snow Rd - construct new interchange	138,200,000	KER08RTP115	2033
Route 99	Bakersfield	Rt 204 to 7th Standard Rd - widen to eight lanes (Phase 2)	90,800,000	KER08RTP138	2033
Route 99	Bakersfield	At various locations - ramp improvements	37,000,000	KER08RTP105	2033
Route 119	Taft	Elk Hills - County Rd to Tupman Ave - widen to four lanes (Phase 2)	48,000,000	KER08RTP086	2033
Route 178	Metro Bkfd	Vineland to Miramonte - new interchange; widen existing freeway	119,000,000	KER08RTP025	2033
Route 178	Bakersfield	Miramonte to Rancheria - widen existing highway	19,800,000	KER08RTP084	2033
Route 178	Bakersfield	At Rt 204 and 178 - reconstruct freeway ramps	50,000,000	KER08RTP085	2033
Route 178	Bakersfield	At various locations - ramp improvements	37,000,000	KER08RTP106	2033
Route 184	Lamont	Rt 58 to Rt 178 - widen to four lanes	90,000,000	KER08RTP045	2033
West Beltway	Metro Bkfd	Pacheco Rd to Westside Parkway - construct new facility	115,793,000	KER08RTP139	2033
West Beltway	Metro Bkfd	Rosedale Hwy to 7th Standard Rd - construct new facility	115,793,000	KER08RTP102	2033
West Beltway	Metro Bkfd	Taft Hwy to Pacheco Rd - construct new facility	90,000,000	KER08RTP097	2033
<b>Sub-total</b>			<b>\$1,091,986,000</b>		
<b>Total Major Highway Improvements</b>			<b>\$3,723,482,000</b>		
<b>2011 through 2035 - Local Streets and Roads</b>					
Project	Location	Scope	YOE Cost	Project ID	Start
Various Locations	Metro Bkfd	Bridge and street widening; reconstruction	\$338,000,000		
Various Locations	Metro Bkfd	Signalization	15,000,000		
Various Locations	Rosamond	Street widening; signalization	112,000,000		
Various Locations	Countywide	Transportation Control Measures	386,000,000		
Various Locations	Countywide	Bridge and street widening; reconstruction; signalization	460,000,000		
<b>Sub-total</b>			<b>\$1,311,000,000</b>		
<b>2011 through 2035 - Transit</b>					
Project	Location	Scope	YOE Cost	Project ID	Start
	Metro Bkd	Full size natural gas buses - 120 replacement buses	\$45,000,000		
	Metro Bkd	Full size natural gas buses - 120 new buses	45,000,000		
	Various	Midsize natural gas buses - 120 replacement buses	6,000,000		
	Various	Midsize natural gas buses - 120 new buses	6,000,000		
	Various	Mini van / buses - 45 replacement buses	1,800,000		
	Metro Bkfd	2 transfer stations	3,000,000		
	Metro Bkfd	ITS related improvements / upgrades	3,000,000		
	Various	Park and Ride Lots (750 spaces)	3,000,000		
<b>Sub-total</b>			<b>\$112,800,000</b>		

## 2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4

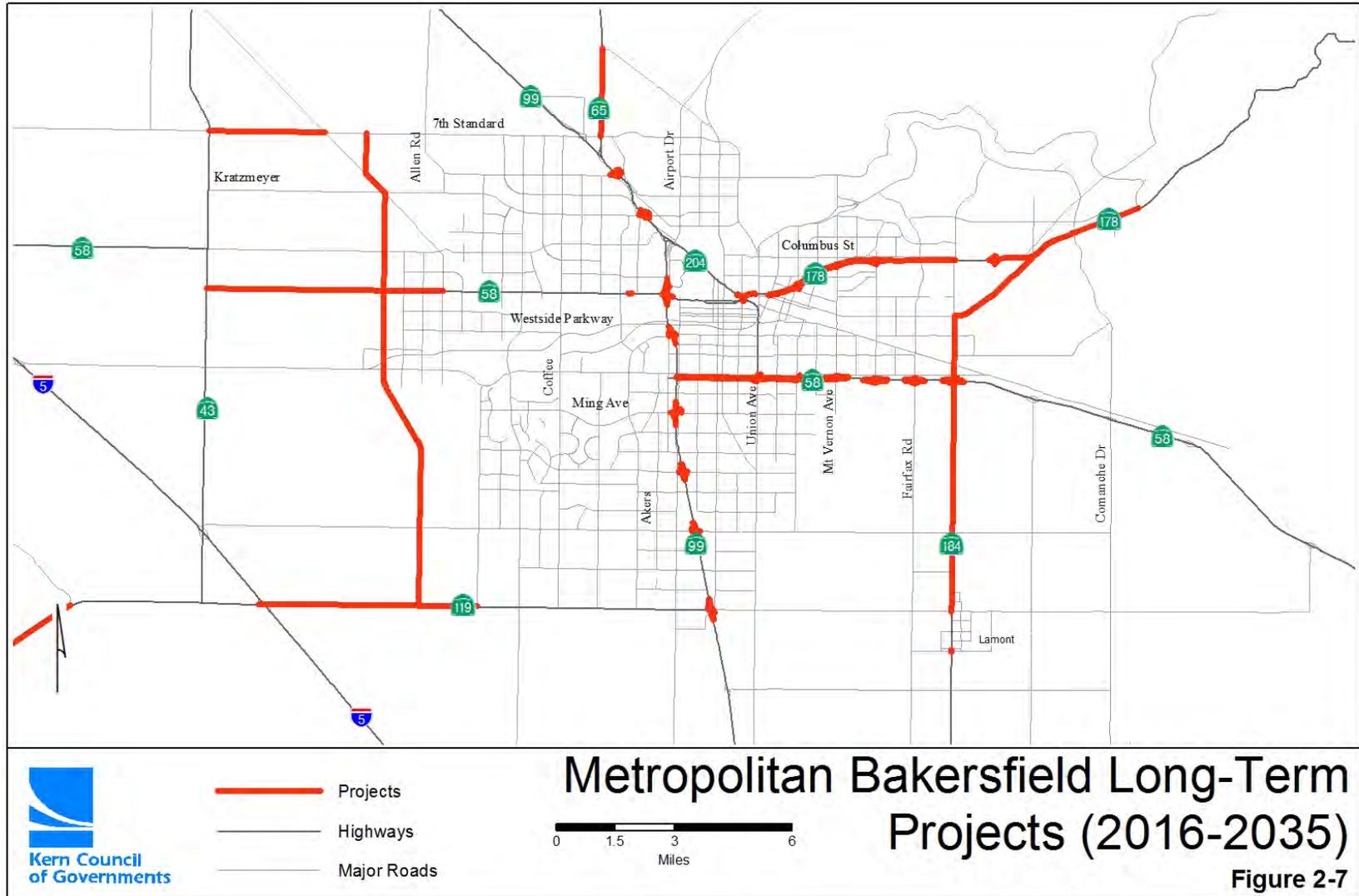
<b>TABLE 4.1 - Constrained Program of Projects Continued</b>					
<b>2011 through 2035 - Non-motorized</b>					
Project	Location	Scope	YOE Cost	Project ID	
Various locations	Metro Bkfd	Construct Class I or Class III Bike Path; striping; signage	\$11,250,000		
Various locations	Metro Bkfd	Construct Pedestrian Enhancement Improvements	11,250,000		
Various locations	Countywide	Construct Class I or Class III Bike Path; striping; signage	7,500,000		
Various locations	Countywide	Construct Pedestrian Enhancement Improvements	7,500,000		
		<b>Sub-total</b>	<b>\$37,500,000</b>		
<b>2011 through 2035 - Freight Rail</b>					
Project	Location	Scope	YOE Cost	Project ID	Start
Freight Rail	Tehachapi	Double-track sections from Bakersfield to Mojave	\$111,700,000		In Progress
Freight Rail	Shafter	Shafter Intermodal Rail Facility	30,000,000		In Progress
		<b>Sub-total</b>	<b>\$141,700,000</b>		
<b>2011 through 2035 - Passenger Rail*</b>					
Project	Location	Scope	YOE Cost	Project ID	Start
Passenger Rail	Bakersfield	High Speed Rail Station - Bakersfield	50,000,000		2015
Passenger Rail	Region	High Speed Rail Alignment and Facilities Fresno to Bakersfield	819,500,000		2012
Passenger Rail	Region	High Speed Rail Alignment and Facilities Bakersfield to Palmdale	3,000,000,000		2015
Passenger Rail	Shafter/Wasco	High Speed Rail Heavy Maintenance Facility	450,000,000		2012
		<b>Sub-total</b>	<b>\$4,319,500,000</b>		
*Passenger Rail Program is currently partially funded through the High Speed Rail Authority and is provided as information. Total is not included in summary.					
<b>2011 through 2035 - Summary of Constrained Projects</b>					
		<b>Program Category</b>	<b>Totals</b>		
		<b>Major Highway Improvements 2011-2015</b>	<b>\$1,665,296,000</b>		
		<b>Major Highway Improvements 2016-2035</b>	<b>2,058,186,000</b>		
		<b>Local Streets and Roads</b>	<b>1,311,000,000</b>		
		<b>Transit</b>	<b>112,800,000</b>		
		<b>Non-motorized</b>	<b>37,500,000</b>		
		<b>Passenger / Freight Rail</b>	<b>141,700,000</b>		
		<b>Grand Total</b>	<b>\$5,326,482,000</b>		

# 2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4





2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4



## 2011 REGIONAL TRANSPORTATION PLAN - AMENDMENT NO. 4

### FINANCIAL ELEMENT

SAFETEA-LU, the federal surface transportation act, requires that the RTP be fiscally constrained; that is, the sum of the costs for planned projects cannot exceed reasonably available financial resources.

SAFETEA-LU requires “year of expenditure” project cost estimates to be included in the Regional Transportation Plan. Federal regulations also require that revenue estimates reflect reasonably available dollars and that the project lists identified for construction be constrained by the projected level of revenue.

“Year of expenditure” is defined as the anticipated fiscal year that construction would begin. Regional highway projects in Table 4.1 (Constrained Program of Projects) have been reviewed and adjusted to meet these requirements. A statewide annual average of 3 percent for expected inflation was applied to project estimates. The impact of this adjustment is the deferral of projects previously identified for construction within the financially constrained planning range of the RTP (24 years) because expected revenue projects are less than the financing needed for these projects.

Revenue estimates for major highway improvements reflected in Table 4.1 remain at \$3.7 billion. Several projects in metropolitan Bakersfield, recently programmed using federal “demonstration” and Metropolitan Bakersfield Impact Fee monies, have been adjusted to reflect projects expected to begin construction in the near- and long-term. Regional project priorities for projects outside metropolitan Bakersfield continue to reflect commitments set in motion in 1999.

### ENVIRONMENTAL JUSTICE

As discussed in the 2011 Regional Transportation Plan, it is reasonable to conclude that the Plan and this amendment meet the Federal Title VI environmental justice requirements by ensuring that all of the population is subject to proportionate benefits and detriments. It also is understood that environmental justice does not create an entitlement, though it does attempt to assure that transportation projects do not have discriminatory effects or disparate impacts on any segment of the population, particularly those traditionally disadvantaged groups (i.e., racial minorities and low-income communities).

**Summary of Comments and Responses**

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As part of the development of the TIP, stakeholders, technical staff, and the general public were given the opportunity to comment from March 25, 2013 to April 23, 2013.

**ATTACHMENT 4**

**CONFORMITY ANALYSIS**

**DRAFT 2008 OZONE CONFORMITY ANALYSIS  
FOR THE  
2013 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM  
AMENDMENT #4  
AND  
2011 REGIONAL TRANSPORTATION PLAN AMENDMENT # 4**

MARCH 25, 2013



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- D 2008 Ozone Conformity Analysis Documentation
- E Timely Implementation Documentation for Transportation Control Measures
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## EXECUTIVE SUMMARY

This report presents the 2008 Ozone Conformity Analysis for the federally approved Federal Transportation Improvement Program Amendment #4 and 2011 Regional Transportation Plan Amendment #4. 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 for the new 2008 Ozone standard, effective July 20, 2012. Kern COG is also located in the federally designated Mojave Desert that lies within the Kern County Air Pollution Control District. The Mojave Desert area is designated as nonattainment for the new 2008 Ozone standard as well. Conformity for the 2008 Ozone standard applies one year after the effective date (July 20, 2013). EPA issued a guidance document in July 2012 that included criteria and procedures for the new 2008 Ozone national ambient air quality standards. This analysis demonstrates that the criteria specified in the federal transportation conformity rule for a 2008 Ozone conformity determination are satisfied by the TIP and RTP.

In accordance with Section 93.122(g) of the conformity rule, the 2008 Ozone Conformity Demonstration relies on the federally approved previous emissions analysis for carbon monoxide, PM-10, and PM2.5. The Federal Transportation Improvement Program Amendment #4 and 2011 Regional Transportation Plan Amendment #4 and corresponding conformity analysis was approved by FHWA and FTA on December 14, 2012.

The 2013 TIP and 2011 RTP, as amended and Air Quality Conformity Analysis are incorporated by reference and are available at <http://www.kerncog.org>. Additional copies will be provided upon request.

A finding of conformity for the Federal Transportation Improvement Program Amendment #4 and 2011 Regional Transportation Plan Amendment #4 is therefore supported. The 2008 Ozone Conformity Analysis was approved by the Kern Council of Governments on May 16, 2013.

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 CONFORMITY REQUIREMENTS

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 will begin 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 December 31, 2032. In addition, the Eastern portion of Kern County, the Mohave Desert, was designated nonattainment and classified Marginal with an attainment date of 2015. It is important to note

that the 2015 analysis year is already included in the federally approved 2013 FTIP / 2011 RTP, as amended, and Corresponding Conformity Analysis for Kern County.

EPA has indicated that transportation conformity for the 1997 ozone standard stops applying on July 20, 2013. 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. 2032). In addition, in areas that have budgets for a previous ozone standard, consistency with those budgets must also be determined.

For multi-jurisdictional areas (i.e., SJV MPOs: multiple MPOs within a single nonattainment area), each MPO will demonstrate conformity, then all will be submitted to EPA/FHWA. A federal conformity determination cannot be made until every MPO in the area has made a conformity demonstration.

EPA issued Guidance for Transportation Conformity Implementation in Multi-Jurisdictional Nonattainment and Maintenance Areas in July 2012. This guidance updates and supersedes the July 2004 “multi-jurisdictional” guidance; however it does not change the substance of the guidance on how nonattainment areas with multiple agencies should conduct conformity determinations. This guidance applies to the San Joaquin Valley since there are multiple MPOs within a single nonattainment area. The main principle of the guidance is that one regional emissions analysis is required for the entire nonattainment area. However, separate modeling and conformity documents may be developed by each MPO. Because the SJV nonattainment area has approved subarea budgets for the 1-hour ozone standard, each MPO will submit its individual conformity determination to DOT. DOT will then issue its conformity determination on the TIPs/RTPs at the same time.

Consultation occurred in January 2013 on the proposed procedures and documentation approach for the 2008 Ozone conformity analysis for the 2013 TIPs/ 2011 RTPs (as amended, if applicable); items included:

1. Latest Planning Assumptions and Transportation Modeling
2. Air Quality Modeling
3. Procedures for Regional Emissions Estimates
4. Transportation Control Measures
5. Interagency Consultation / CMAQ Policy
6. 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 2008 Ozone Conformity Demonstration relies on the federally approved previous emissions analysis for carbon monoxide, PM-10, and PM2.5. The checklist contains references to both this document and the federally approved 2013 Conformity Analysis (incorporated herein by reference) as appropriate.

### **2008 OZONE CONFORMITY TESTS**

EPA has indicated that transportation conformity for the 1997 ozone standard stops applying on July 20, 2013. 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. 2032). In addition, in areas that have budgets for a previous ozone standard, consistency with those budgets must also be determined.

### **RESULTS OF THE 2008 OZONE CONFORMITY ANALYSIS**

A regional emissions analysis was conducted to meet the 2008 Ozone 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 2013 TIP / 2011 RTP (as amended if applicable) for the attainment year 2032 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 NOx) 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.
- For Mojave Desert ozone, the total regional on-road vehicle-related emissions (ROG and NOx) 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 PM2.5 (1997 24-hour & Annual Standards and 2006 24-Hour Standard). The 2013 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 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 2013 TIP / 2011 RTP (as amended, if applicable) 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 meeting 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 CONFORMITY REQUIREMENTS**

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.

In addition, EPA updated its “Guidance for Transportation Conformity Implementation in Multi-Jurisdictional Nonattainment and Maintenance Areas”, in July 2012. This guidance is applicable to the San Joaquin Valley as it describes how conformity determinations are made on metropolitan transportation plans and transportation improvement programs (TIPs) when a nonattainment area contains more than one Metropolitan Planning Organization (MPO).

The main principle of the guidance is that one regional emissions analysis is required for the entire nonattainment area. However, separate modeling and conformity documents may be developed by each MPO. Because the SJV nonattainment area has approved subarea budgets for the 1-hour ozone standard, each MPO will submit its individual conformity determination to DOT. DOT will then issue its conformity determination on the TIPs/RTPs at the same time.

The Conformity Analyses for the 2013 FTIP and 2011 RTP (as amended if applicable) was federally approved on December 14, 2012. The Conformity Analysis is being revised to address the 2008 Ozone requirements.

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 standard. Transportation network development was completed in January, followed by the conformity analysis in February 2013. Public review of the 2008 Ozone Conformity Demonstration occurred in March / April 2013, followed by MPO adoption in May 2013. The 2008 Ozone Conformity Demonstration for the 2013 TIP / 2011 RTP (as amended if applicable) was submitted to FHWA in June 2013 for approval on or before July 20, 2013.

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

### **A. 2008 OZONE 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 2013 FTIP and 2011 RTP Amendment # 4 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 National Ambient Air Quality Standards (NAAQS).

#### **B. 2008 OZONE 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 2013 FTIP and RTP Amendment #XX also includes analysis of existing and future air quality impacts for each applicable pollutant.

#### **C. 2008 OZONE CONFORMITY TESTS**

EPA's final rule implementing the 2008 ozone standard also revoked the 1997 ozone standard for transportation conformity purposes. This revocation is effective July 20, 2013. 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 2008 Ozone 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								
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

**E. 2008 OZONE CONFORMITY ANALYSIS YEARS**

When using the budget test for the 2008 ozone standard, the regional emissions analysis is required to be performed for:

- The attainment year for the 2008 ozone standard, if it is 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 standard that are established for years in the timeframe of the conformity determination, consistency with those budgets must also be determined.

The San Joaquin Valley has been classified as an Extreme nonattainment area with an attainment date of December 31, 2032. The analysis year 2032 will be added to the previous conformity analysis.

**Table 1-3:  
San Joaquin Valley 2008 Ozone Conformity Analysis Years**

Pollutant	Budget Years <sup>1</sup>	Attainment/Maintenance Year	Intermediate Years	RTP Horizon Year
Ozone	2014/2017/2020/2023	2032	2025	2035

**F. 2008 OZONE CONFORMITY ANALYSIS YEARS FOR THE OTHER AREAS OF KERN COUNTY**

The Eastern Kern area has been classified as a marginal nonattainment area with an attainment date of December 31, 2015. The analysis year 2015 was already included in the previous conformity analysis.

**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	2015	2025	2035

<sup>1</sup>

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<sup>1</sup> Budget years that are not in the time frame of the transportation plan are not included as analysis years (e.g., Ozone 2011), although they may 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 2008 Ozone Conformity Demonstration is based on the federally approved 2013 FTIP Conformity Analysis with updates as appropriate. The interagency consultation process for the 2013 FTIP and corresponding conformity analysis began in February 2012 and is documented in the current federally approved conformity analysis. Additional interagency consultation was conducted in January 2013 regarding items for the 2008 Ozone Conformity Demonstration.

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 2013 TIP / 2011 RTP (as amended, if applicable) and corresponding conformity analysis was federally approved on December 14, 2012. The previous conformity determinations are incorporated by reference. For this conformity determination, there are:

- no revisions to 2013 TIP / 2011 RTP (as amended, if applicable), including no additions or deletions of regionally significant projects,
- no changes in the design concept and scope of existing regionally significant projects,
- 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 2013 TIP and 2011 RTP (as amended if applicable) 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 2013 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 2013 Conformity Analysis. The same traffic modeling and networks will be utilized for the 2008

Ozone conformity demonstration, except for the additional attainment year 2032. The 2032 attainment year has been developed consistent with the federally approved 2013 TIP/2011 RTP (as amended, if applicable).

While the San Joaquin Valley has recently completed an ambitious effort to update and improve each of the MPO traffic models, the models continue to be refined. It is currently anticipated that the models and validation/calibration report will be officially adopted as part of the 2014 RTP.

### 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 Conformity Analysis is presented in Table 2-2. Note that the only update from the federally approved 2013 Conformity Analysis is the additional attainment year of 2032.

**Table 2-1**  
**Traffic Network Comparison for Horizon Years Evaluated in**  
**2008 Ozone Conformity Analysis (SJV)**

<b>Horizon Year</b>	<b>Total Population (thousands)</b>	<b>Employment (thousands)</b>	<b>Average Weekday VMT (millions)</b>	<b>Total Lane Miles</b>
<b>2014</b>	<b>768.7</b>	<b>277.6</b>	<b>21.2</b>	<b>N/A</b>
<b>2017</b>	<b>813.4</b>	<b>292.0</b>	<b>22.7</b>	<b>N/A</b>
<b>2020</b>	<b>858.3</b>	<b>306.7</b>	<b>24.3</b>	<b>5664</b>
<b>2023</b>	<b>906.4</b>	<b>321.7</b>	<b>25.8</b>	<b>N/A</b>
<b>2025</b>	<b>938.5</b>	<b>331.6</b>	<b>27.0</b>	<b>5752</b>
<b>2032</b>	<b>1066.2</b>	<b>365.8</b>	<b>30.6</b>	<b>N/A</b>
<b>2035</b>	<b>1127.8</b>	<b>382.2</b>	<b>32.9</b>	<b>6834</b>

Note: Detailed results can be found in Appendix D.

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

<b>Horizon Year</b>	<b>Total Population (thousands)</b>	<b>Employment (thousands)</b>	<b>Average Weekday VMT (millions)</b>	<b>Total Lane Miles</b>
<b>2015</b>	<b>103.9</b>	<b>38.4</b>	<b>4.6</b>	<b>N/A</b>
<b>2025</b>	<b>126.7</b>	<b>47.2</b>	<b>5.8</b>	<b>N/A</b>
<b>2035</b>	<b>151.0</b>	<b>55.8</b>	<b>7.6</b>	<b>N/A</b>

\*Not applicable for years lane miles not used in analysis.

## **D. AIR QUALITY MODELING**

### **EMFAC2007**

EPA published the Federal Register notice approving the EMFAC 2011 model on March 6, 2013; the notice was effective upon publication in the Federal Register. EMFAC 2011 will be required for conformity use for new analyses starting September 6, 2013.

In accordance with Section 93.111 the latest emission estimation model (EMFAC 2007) was used in the 2008 Ozone conformity demonstrations. The EPA approved methodology for updating the default vehicle activity data was also used consistent with the 2013 Conformity Analysis.

For the 2008 Ozone conformity analysis, the methodology consisted of:

- (1) Running EMFAC for the 2032 attainment year using adjusted vehicle population, VMT, and speed fraction data.
- (2) Estimating ROG and NO<sub>x</sub> total exhaust emissions for all vehicles for an average summer day for the new analysis year 2032.
- (3) Subtract control measures estimates for an annual summer day contained in the EPA approved 2007 Ozone Plan (as revised in 2011).
- (4) Results rounded to the tenths place; then compared to applicable budget (2023).

In summary, the regional emissions estimates from the Federally Approved 2013 TIP / 2011 RTP (as amended if applicable) for the other analysis years (2014, 2017, 2020, 2023, 2025, 2035) remain unchanged. Consultation on the general air quality modeling methodology applied in the 2008 Ozone Conformity Analysis was the subject of a memorandum distributed on January 16, 2013 for interagency consultation; EPA and FHWA provided concurrence on January 28, 2013.

## **E. STATE IMPLEMENTATION PLAN MEASURES**

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. 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 2008 Ozone Conformity Analysis. The emission reductions assumed for these committed measures reflect the latest implementation status of these measures.

**Table 2-2  
Control Measures Assumed in the 2008 Ozone Conformity Analysis**

<b>Measure Description</b>	<b>Pollutants</b>
Existing Local Reductions: Rule 9310 (School Buses)	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 & Truck Model	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).

**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 EMFAC2007 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 2008 Ozone Conformity Analysis is based on the 2013 FTIP / 2011 RTP (as amended if applicable) with various updates as appropriate (e.g., new attainment year 2032). Because EMFAC 2007 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 2013 FTIP conformity procedures were subject to interagency consultation in February 2012. In January 2013, proposed updates to be used for the 2008 Ozone Conformity demonstration were provided for interagency consultation. Concurrence was received from both EPA and FHWA. Updated documentation for the 2008 Ozone conformity analysis is provided in Appendix D, including:

- Updated 2013 adjust\_VMT sheet: new attainment year for 2008 Ozone standard
- Updated 2013 Conformity EMFAC Spreadsheet: new attainment year for 2008 Ozone standard, and
- Updated 2013 Conformity Totals spreadsheet

### 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 2013 Conformity Document 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 2008 Ozone Conformity Demonstration, the SJV MPOs have updated both the Project TID table and RACM TID tables contained in Appendix E of the federally approved 2013 FTIP/2011 RTP (as amended if applicable).

The project status has been updated for projects that were to be completed in 2012. 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 2008 Ozone Conformity Demonstration, 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 2008 Ozone Conformity Analysis for the 2013 TIP / 2011 RTP (as amended if applicable) is documented in Appendix C. Appendix F includes the public meeting 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 January 16, 2013, a memo regarding the 2008 Ozone Conformity Demonstration Items 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, interagency consultation / CMAQ Policy, and conformity documentation. No comments were received; concurrence was received from EPA and FHWA.

The San Joaquin Valley MPO CMAQ policy contains language that says the cost-effectiveness threshold will be evaluated with every FTIP; whereas, the policy itself is to be reviewed with every RTP. The threshold was reviewed through interagency consultation in April 2012 as part of the 2013 FTIP development. Since the 2008 Ozone Conformity Demonstration does not include a new TIP and/or RTP, there is no update for the CMAQ policy.

The boilerplate conformity document was distributed for interagency consultation in March 2013. Minor editorial updates in response to EPA comments have been incorporated herein; no

other comments were received. Comments received have been addressed in the response to comments contained in Appendix G and/or in this document as appropriate.

The Draft 2008 Ozone Conformity Analysis was released on March 25, 2013 for a 30-day public comment period, followed by Board adoption on May 16, 2013. Federal approval of the 2008 Ozone Conformity Analysis is anticipated by July 20, 2013.

## **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 meeting 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 CONFORMITY

The principal requirements of the federal transportation conformity rule for TIP/RTP assessments are: (1) for 2008 Ozone, when emissions budgets are available, the TIP and RTP pass the emissions budget for the new attainment year 2032, (2) the latest planning assumptions and emission models must be employed; (3) the TIP and RTP must provide for the timely implementation of transportation control measures (TCMs) specified in the applicable air quality implementation plans; and (4) 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 2013 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 2013 TIP and 2011 RTP (as amended, if applicable) 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 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 results for 2008 Ozone (ROG and NOx) in tons per average summer day for each of the horizon years tested.

For ozone, 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. 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 standards.

In accordance with the EPA "multi-jurisdictional" guidance separate modeling and conformity documents have been developed by each MPO. Because the SJV nonattainment area has approved subarea budgets for the 8-hour ozone standard, each MPO will submit its individual

conformity determination to DOT. DOT will then issue its conformity determination on the TIPs/RTPs at the same time.

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 NO<sub>x</sub> 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 NO<sub>x</sub> 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 standard is supported for the Federally Approved 2013 Transportation Improvement Program and 2011 Regional Transportation Plan (as amended, if applicable).

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

2013 Conformity Results Summary -- KERN						
2008 Ozone		ROG (tons/day)	NOx (tons/day)		ROG	NOx
	2014 Budget	9.7	42.7			
	2014	8.2	35.7		YES	YES
	2017 Budget	8.7	31.7			
	2017	7.3	25.5		YES	YES
	2020 Budget	8.2	25.1			
	2020	6.9	19.7		YES	YES
	2023 Budget	7.9	18.6			
	2023	6.7	14.2		YES	YES
	2025	6.4	11.9		YES	YES
	2032	5.9	9.0		YES	YES
	2035	6.0	9.8		YES	YES

2013 Conformity Results Summary -- KERN (Mojave Desert)					
Pollutant	Scenario	Emissions Total		DID YOU PASS?	
2008 Ozone		ROG (tons/day)	NOx (tons/day)	ROG	NOx
	2008 Budget	5	18		
	2015	3	9	YES	YES
	2025	2	5	YES	YES
	2035	2	5	YES	YES

## **REFERENCES**

EPA, 2012. Transportation Conformity Guidance for 2008 Ozone Nonattainment Areas. U.S. Environmental Protection Agency. EPA-420-B-12-045. July 2012.

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.

**APPENDIX A**

**CONFORMITY CHECKLIST**

**CONFORMITY ANALYSIS DOCUMENTATION**

FHWA Checklist for MPO TIPs/RTPs

June 27, 2005

<b>40 CFR</b>	<b>Criteria</b>	<b>Page</b>	<b>Comments</b>
§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 P. 9	2013 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.	2013 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	2013 Ch. 2, App. B
§93.108	Document that the TIP/RTP is financially constrained (23 CFR 450).	E.S.	2013 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 P.9,13,17,20	2013 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 P.9	2013 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 P.13	2013 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 P.13	2013 Ch. 2 P.13
§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 P.13	2013 Ch. 2 P.13

KERN COUNCIL OF GOVERNMENTS MARCH 2013 CONFORMITY ANALYSIS

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 P.13	2013 Ch. 3 P.17
§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 P.18	2013 Ch. 5 P.20
§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 P.17,75	2013 Ch. 4, App. E P.18,75
§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	2013 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 P.20	2013 Ch. 6 --
§93.118 (b)	Document for which years consistency with motor vehicle emissions budgets must be shown.	Ch. 1 P.9	2013 Ch. 1 P.9
§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 P.20	2013 Ch. 6 --
§93.119 <sup>1</sup>	<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 P.13,29	2013 Ch. 2, App B P.13,29

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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 P.13	2013 Ch. 2 P.13
§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) <sup>ii</sup>	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 P.13	2013 Ch. 2 P.13
§93.122 (b)(1)(ii) <sup>2</sup>	Document the land use, population, employment, and other network-based travel model assumptions.	Ch. 2 P.13	2013 Ch. 2 P.13
§93.122 (b)(1)(iii) <sup>2</sup>	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 P.13	2013 Ch. 2 P.13
§93.122 (b)(1)(iv) <sup>2</sup>	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 P.13	2013 Ch. 2 P.13
§93.122 (b)(1)(v) <sup>2</sup>	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 P.13	2013 Ch. 2 P.13
§93.122 (b)(1)(vi) <sup>2</sup>	Document how travel models are reasonably sensitive to changes in time, cost, and other factors affecting travel choices.	Ch. 2 P.13	2013 Ch. 2 P.13
§93.122 (b)(2) <sup>2</sup>	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 P.13	2013 Ch. 2 P.13
§93.122 (b)(3) <sup>2</sup>	Document the use of HPMS, or a locally developed count-based program or procedures that have been	Ch. 2 P.13	2013 Ch. 2 P.13

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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 P.13	2013 Ch. 2 P.13
§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	2013 Ch. 3 P.17
§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 P.13,20	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 P.13,29	2013 Ch. 2, App B P.13,29

<sup>i</sup> Note that some areas are required to complete both interim emissions tests.

<sup>ii</sup> 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										Year number of lanes modeled (each direction)								
SORT KEY	AGENCY	AIR BASIN	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
44	Bakersfield	SJV		CALIFORNIA	N ST	Q ST				3			3	3	3	3	3	3
45	Bakersfield	SJV		CALIFORNIA	Q ST	UNION				3			3	3	3	3	3	3
46	Bakersfield	SJV		CALIFORNIA	UNION	BAKER				3			3	3	3	3	3	3
47	Bakersfield	SJV		CALIFORNIA	BAKER	KING				3			3	3	3	3	3	3
48	Bakersfield	SJV		CALIFORNIA	KING	BEALE				3			3	3	3	3	3	3
49	Bakersfield	SJV		CALIFORNIA	BEALE	HALEY				3			3	3	3	3	3	3
50	Bakersfield	SJV		CALIFORNIA	HALEY	WASHINGTON				2			2	2	2	2	2	2
51	Bakersfield	SJV		CASA LOMA	UNION	MADISON				2			2	2	2	2	2	2
52	Bakersfield	SJV		CASA LOMA	MADISON	COTTONWOOD				2			2	2	2	2	2	2
53	Bakersfield	SJV		CASA LOMA	COTTONWOOD	WASHINGTON				1			1	1	1	2	2	2
54	Bakersfield	SJV		CASA LOMA	WASHINGTON	FAIRFAX				0			0	0	0	0	2	2
55	Bakersfield	SJV		CHESTER	34TH ST	COLUMBUS				2			2	2	2	2	2	2
56	Bakersfield	SJV		CHESTER	30TH ST	34TH ST				2			2	2	2	2	2	2
57	Bakersfield	SJV		CHESTER	SR178	30TH ST				2			2	2	2	2	2	2
58	Bakersfield	SJV		COFFEE	7TH STANDARD	ETCHART	Add Lanes	Local		1			1	2	2	2	3	3
59	Bakersfield	SJV		COFFEE	ETCHART	SNOW	Add Lanes	Local		1			1	2	2	2	3	3
60	Bakersfield	SJV		COFFEE	NORRIS	OLIVE	Add Lanes	Local		2			2	2	2	2	3	3
61	Bakersfield	SJV		COFFEE	OLIVE	HAGEMAN				3			3	3	3	3	3	3
62	Bakersfield	SJV		COFFEE	HAGEMAN	MEANY				3			3	3	3	3	3	3
63	Bakersfield	SJV		COFFEE	MEANY	DOWNING				3			3	3	3	3	3	3
64	Bakersfield	SJV		COFFEE	DOWNING	GRANITE FALLS				3			3	3	3	3	3	3
65	Bakersfield	SJV		COFFEE	GRANITE FALLS	SR58				3			3	3	3	3	3	3
66	Bakersfield	SJV		COFFEE	SR58	BRIMHALL				3			3	3	3	3	3	3
67	Bakersfield	SJV		COFFEE	BRIMHALL	WESTSIDE PARKWAY				3			3	3	3	3	3	3
68	Bakersfield	SJV		COFFEE	WESTSIDE PARKWAY	TRUXTUN				3			3	3	3	3	3	3
69	Bakersfield	SJV		COFFEE	TRUXTUN	STOCKDALE				3			3	3	3	3	3	3
70	Bakersfield	SJV		CENTENNIAL CORRIDOR	SR 58	WESTSIDE PARKWAY	New Freeway	KER08RTP020	\$698,000	0			0	3	3	3	3	3
71	Bakersfield	SJV		COTTONWOOD	SR 58	PANAMA RD				1			1	1	1	1	2	2
72	Bakersfield	SJV		FAIRFAX RD	ALFRED HARRELL HIGH	PALADINO DR				1			1	1	1	2	2	2
73	Bakersfield	SJV		FAIRFAX RD	REDBANK RD	PANAMA LN				1			1	1	1	1	2	2
74	Bakersfield	SJV		FAIRVIEW RD	MONITOR ST	SOUTH UNION AVE				1			1	1	1	1	2	2
75	Bakersfield	SJV		GOSFORD	SR119	MC KEE	Add Lanes	Local		1			1	2	2	2	2	2
76	Bakersfield	SJV		GOSFORD	MC KEE	MC CUTCHEN	Add Lanes	Local		1			1	2	2	2	2	2
77	Bakersfield	SJV		GOSFORD	MC CUTCHEN	PANAMA LN	Add Lanes	Local		1			1	2	2	2	2	2
78	Bakersfield	SJV		GOSFORD	PANAMA LN	HARRIS				3			3	3	3	3	3	3
79	Bakersfield	SJV		GOSFORD	HARRIS	PACHECO				3			3	3	3	3	3	3
80	Bakersfield	SJV		GOSFORD	PACHECO	DISTRICT				3			3	3	3	3	3	3
81	Bakersfield	SJV		GOSFORD	DISTRICT	WHITE LN				3			3	3	3	3	3	3
82	Bakersfield	SJV		GOSFORD	WHITE LN	S LAURELGLEN				3			3	3	3	3	3	3
83	Bakersfield	SJV		GOSFORD	S LAURELGLEN	N LAURELGLEN				3			3	3	3	3	3	3
84	Bakersfield	SJV		GOSFORD	N LAURELGLEN	MING				3			3	3	3	3	3	3
85	Bakersfield	SJV		GOSFORD	MING	CAMINO MEDIA				3			3	3	3	3	3	3
86	Bakersfield	SJV		GOSFORD	CAMINO MEDIA	STOCKDALE				3			3	3	3	3	3	3

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
87	Bakersfield	SJV		HAGEMAN	ALLEN	OLD FARM				3			3	3	3	3	3	3
88	Bakersfield	SJV		HAGEMAN	OLD FARM	JEWETTA				3			3	3	3	3	3	3
89	Bakersfield	SJV		HAGEMAN	JEWETTA	VERDUGO				3			3	3	3	3	3	3
90	Bakersfield	SJV		HAGEMAN	VERDUGO	CALLOWAY				3			3	3	3	3	3	3
91	Bakersfield	SJV		HAGEMAN	CALLOWAY	MAIN PLAZA				3			3	3	3	3	3	3
92	Bakersfield	SJV		HAGEMAN	MAIN PLAZA	RIVERLAKES				3			3	3	3	3	3	3
93	Bakersfield	SJV		HAGEMAN	RIVERLAKES	COFFEE				3			3	3	3	3	3	3
94	Bakersfield	SJV		HAGEMAN	COFFEE	PATTON				3			3	3	3	3	3	3
95	Bakersfield	SJV		HAGEMAN	PATTON	FRUITVALE				3			3	3	3	3	3	3
96	Bakersfield	SJV		HAGEMAN	FRUITVALE	MOHAWK				3			3	3	3	3	3	3
97	Bakersfield	SJV		HAGEMAN	MOHAWK	KNUDSEN DR				2			2	2	2	2	2	3
98	Bakersfield	SJV		HAGEMAN	KNUDSEN DR	SR 99	New Ramps	KER08RTP013	\$68,900,000	0			0	2	2	2	2	3
99	Bakersfield	SJV		HOSKING	BUENA VISTA	GOSFORD				1			1	1	1	2	2	2
100	Bakersfield	SJV		HOSKING	GOSFORD	STINE				1			1	1	2	2	2	2
101	Bakersfield	SJV		HOSKING	STINE	AKERS RD				1			1	2	2	2	2	2
102	Bakersfield	SJV		HOSKING	AKERS RD	WIBLE RD				2			2	2	2	2	2	2
103	Bakersfield	SJV		HOSKING	WIBLE RD	SO. H ST				3			3	3	3	3	3	3
104	Bakersfield	SJV		HOSKING	SO. H ST	UNION				1			1	2	2	2	2	2
105	Bakersfield	SJV		JEWETTA AVE	SNOW	HAGEMAN				2			2	2	2	2	2	2
106	Bakersfield	SJV		JEWETTA AVE	HAGEMAN	MEACHAM				1			1	2	2	2	2	2
107	Bakersfield	SJV		MANOR	ROBERTS LN	UNION				2			2	2	2	2	2	2
108	Bakersfield	SJV		MASTERSON ST	ALFRED HARRELL HWY	PALADINO DR				0			0	2	2	2	2	2
109	Bakersfield	SJV		MASTERSON ST	PALADINO DR	SR 178				2			2	2	2	2	2	2
110	Bakersfield	SJV		MING AVE	WEST BELTWAY	S ALLEN				0			0	2	2	2	2	2
111	Bakersfield	SJV		MING AVE	S ALLEN	BUENA VISTA				2			2	2	2	2	2	2
112	Bakersfield	SJV		MING AVE	BUENA VISTA	GRAND LAKES				3			3	3	3	3	3	3
113	Bakersfield	SJV		MING AVE	GRAND LAKES	OLD RIVER RD				3			3	3	3	3	3	3
114	Bakersfield	SJV		MING AVE	OLD RIVER RD	HAGGIN OAKS				3			3	3	3	3	3	3
115	Bakersfield	SJV		MING AVE	HAGGIN OAKS	GOSFORD				3			3	3	3	3	3	3
116	Bakersfield	SJV		MING AVE	GOSFORD	EL PORTAL				3			3	3	3	3	3	3
117	Bakersfield	SJV		MING AVE	EL PORTAL	ASHE				3			3	3	3	3	3	3
118	Bakersfield	SJV		MING AVE	ASHE	NEW STINE				3			3	3	3	3	3	3
119	Bakersfield	SJV		MING AVE	NEW STINE	STINE RD				3			3	3	3	3	3	3
120	Bakersfield	SJV		MING AVE	STINE	AKERS				3			3	3	3	3	3	3
121	Bakersfield	SJV		MING AVE	AKERS	REAL				3			3	3	3	3	3	3
122	Bakersfield	SJV		MING AVE	REAL	WIBLE				3			3	3	3	3	3	3
123	Bakersfield	SJV		MING AVE	WIBLE	HUGHES LN				3			3	3	3	3	3	3
124	Bakersfield	SJV		MING AVE	HUGHES LN	H ST				2			2	2	2	2	2	2
125	Bakersfield	SJV		MING AVE	H ST	CHESTER				2			2	2	2	2	2	2
126	Bakersfield	SJV		MING AVE	CHESTER	P ST				2			2	2	2	2	2	2
127	Bakersfield	SJV		MING AVE	P ST	UNION				2			2	2	2	2	2	2
128	Bakersfield	SJV		MOHAWK	HAGEMAN	DOWNING				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

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
130	Bakersfield	SJV		MOHAWK	SR 58	SR 58/Rosedale Highway	0.5 mi s/o			3	3	3	3	3	3	3	3	3
131	Bakersfield	SJV		MONTEREY	UNION	ALTA VISTA				3	3	3	3	3	3	3	3	3
132	Bakersfield	SJV		MONTEREY	ALTA VISTA	BAKER				3	3	3	3	3	3	3	3	3
133	Bakersfield	SJV		MONTEREY	BAKER	BEALE				3	3	3	3	3	3	3	3	3
134	Bakersfield	SJV		MONTEREY	BEALE	HALEY				3	3	3	3	3	3	3	3	3
135	Bakersfield	SJV		MONTEREY	HALEY	NILES				3	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	1
137	Bakersfield	SJV		MORNING DR	PALADINO DR	SR 178				1	1	2	2	2	2	2	2	2
138	Bakersfield	SJV		MORNING DR	SR 178	COLLEGE				1	1	1	1	1	1	1	1	1
139	Bakersfield	SJV		MT VERNON	COLUMBUS	SR178				2	2	2	2	2	2	2	2	2
140	Bakersfield	SJV		MT VERNON	SR58	BELLE TERRACE				2	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	2
142	Bakersfield	SJV		MT VERNON	WHITE LN/MULLER RD	PANAMA LN				0	0	0	0	0	0	0	1	1
143	Bakersfield	SJV		N. CHESTER	COLUMBUS	BEARDSLEY				2	2	2	2	2	2	2	2	2
144	Bakersfield	SJV		NEW STINE RD	WILSON	MING				3	3	3	3	3	3	3	3	3
145	Bakersfield	SJV		NEW STINE RD	MING	SUNDALE				3	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	3
147	Bakersfield	SJV		NEW STINE RD	BELLE TERRACE	STOCKDALE				3	3	3	3	3	3	3	3	3
148	Bakersfield	SJV		NILES	UNION	ALTA VISTA				3	3	3	3	3	3	3	3	3
149	Bakersfield	SJV		NILES	ALTA VISTA	BAKER				3	3	3	3	3	3	3	3	3
150	Bakersfield	SJV		NILES	BAKER	BEALE				3	3	3	3	3	3	3	3	3
151	Bakersfield	SJV		NILES	BEALE	HALEY				3	3	3	3	3	3	3	3	3
152	Bakersfield	SJV		NILES	HALEY	MONTEREY				3	3	3	3	3	3	3	3	3
153	Bakersfield	SJV		OAK ST	CALIFORNIA AVE	SR 178 / 24th ST				2	2	2	2	3	3	3	3	3
154	Bakersfield	SJV		OLD_RIVER	STOCKDALE	CAMINO MEDIA				3	3	3	3	3	3	3	3	3
155	Bakersfield	SJV		OLD_RIVER	CAMINO MEDIA	MING				3	3	3	3	3	3	3	3	3
156	Bakersfield	SJV		OLD_RIVER	MING	WHITE LN				3	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	3
158	Bakersfield	SJV		OLD_RIVER	CAMPUS PARK	PACHECO	Add Lanes	Local		3	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	3
160	Bakersfield	SJV		OLD_RIVER	HARRIS	PANAMA LN	Add Lanes	Local		2	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	2
162	Bakersfield	SJV		OLD_RIVER	BERKSHIRE	MCCUTCHEN(HOSKING)	Add Lanes	Local		1	1	1	1	2	2	2	2	2
163	Bakersfield	SJV		OLD STINE	MING AVE	BELLE TERRACE				1	1	1	1	2	2	2	2	2
164	Bakersfield	SJV		OLIVE DR	RUDD RD (WEST BELTW	ALLEN				1	1	1	2	2	2	2	2	2
165	Bakersfield	SJV		OLIVE DR	ALLEN	JEWETTA				2	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	3
167	Bakersfield	SJV		OSWELL	BRUNDAGE	SR58				2	2	2	2	2	2	2	2	2
168	Bakersfield	SJV		PALADINO DR	FAIRFAX	MORNING DR				0	0	0	2	2	2	2	2	2
169	Bakersfield	SJV		PALADINO DR	MORNING DR	MASTERSON Street				1	1	1	1	1	2	2	2	2
170	Bakersfield	SJV		PALADINO DR	MASTERSON Street	ALFRED HARRELL HWY				0	0	0	0	0	1	1	1	1
171	Bakersfield	SJV		PANAMA_LN	ALLEN	BARLOW	Add Lanes	Local		2	2	2	2	3	3	3	3	3
172	Bakersfield	SJV		PANAMA_LN	BARLOW	BUENA VISTA BLVD	Add Lanes	Local		2	2	2	2	3	3	3	3	3

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
173	Bakersfield	SJV		PANAMA_LN	BUENA VISTA	MOUNTAIN VISTA	Add Lanes	Local		2	2	2	2	2	3	3	3	
174	Bakersfield	SJV		PANAMA_LN	MOUNTAIN VISTA	OLD RIVER RD	Add Lanes	Local		2	2	2	2	2	3	3	3	
175	Bakersfield	SJV		PANAMA_LN	OLD RIVER RD	PROGRESS	Add Lanes	Local		2	2	2	2	2	3	3	3	
176	Bakersfield	SJV		PANAMA_LN	PROGRESS	GOSFORD	Add Lanes	Local		2	2	2	2	2	3	3	3	
177	Bakersfield	SJV		PANAMA_LN	GOSFORD	RELIANCE	Add Lanes	Local		1/2		1/2	1/2	2	3	3	3	
178	Bakersfield	SJV		PANAMA_LN	RELIANCE	ASHE	Add Lanes	Local		1/2		1/2	1/2	2	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	
180	Bakersfield	SJV		PANAMA_LN	GOLDEN GATE	STINE RD	Add Lanes	Local		3/2		3/2	3/2	3/2	3	3	3	
181	Bakersfield	SJV		PANAMA_LN	STINE RD	AKERS	Add Lanes	Local		3		3	3	3	3	3	3	
182	Bakersfield	SJV		PANAMA_LN	AKERS	WIBLE	Add Lanes	Local		3		3	3	3	3	3	3	
183	Bakersfield	SJV		PANAMA_LN	WIBLE	SR99				3		3	3	3	3	3	3	
184	Bakersfield	SJV		PANAMA_LN	SR99	H ST				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	
186	Bakersfield	SJV		PANAMA_LN	MONITOR	UNION	Add Lanes	Local		2		2	2	2	2	3	3	
187	Bakersfield	SJV		PANAMA_LN	UNION	COTTONWOOD				1		1	2	2	2	2	2	
188	Bakersfield	SJV		PANAMA LN	COTTONWOOD	SR184				1		1	1	1	1	2	2	
189	Bakersfield	SJV		PANORAMA DR	1700 FEET N COLUMBUS	UNION				2		2	2	2	2	2	2	
190	Bakersfield	SJV		QUAIL CREEK RD	SNOW	7th STANDARD RD				0		0	0	0	2	2	2	
191	Bakersfield	SJV		REAL RD	STOCKDALE	SR58				2		2	2	2	2	2	2	
192	Bakersfield	SJV		RENFRO RD	7th STANDARD RD	OLIVE DR				0		0	0	0	0	1	1	
193	Bakersfield	SJV		RENFRO RD	OLIVE DR	REINA RD				1		0	0	0	1	1	1	
194	Bakersfield	SJV		RENFRO RD	JOHNSON RD	STOCKDALE HWY				1		1	2	2	2	2	2	
195	Bakersfield	SJV		SANTA FE WAY	RUDD RD (West Beltway)	HAGEMAN RD				1		1	1	1	1	2	2	
196	Bakersfield	SJV		SNOW RD	JENKINS RD	ALLEN				1		1	1	1	1	2	2	
197	Bakersfield	SJV		SNOW RD	JEWETTA AVE	CALLOWAY DR				1		1	1	1	2	2	2	
198	Bakersfield	SJV		SNOW RD	COFFEE RD	FRUITVALE AVE				1		1	1	1	2	2	2	
199	Bakersfield	SJV		SO.CHESTER	UNION	PLANZ RD				2		2	2	2	2	2	2	
200	Bakersfield	SJV		SO.CHESTER	PLANZ RD	WILSON				2		2	2	2	2	2	2	
201	Bakersfield	SJV		SO.CHESTER	MING	BELLE TERRACE				2		2	2	2	2	2	2	
202	Bakersfield	SJV		SO.CHESTER	BELLE TERRACE	SR58				2		2	2	2	2	2	2	
203	Bakersfield	SJV		SO.CHESTER	SR58	BRUNDAGE				2		2	2	2	2	2	2	
204	Bakersfield	SJV		SO.CHESTER	BRUNDAGE	4TH ST				2		2	2	2	2	2	2	
205	Bakersfield	SJV		SO.CHESTER	4TH ST	CALIFORNIA				2		2	2	2	2	2	2	
206	Bakersfield	SJV		SO.CHESTER	CALIFORNIA	TRUXTUN				2		2	2	2	2	2	2	
207	Bakersfield	SJV		SO.CHESTER	TRUXTUN	18TH ST				2		2	2	2	2	2	2	
208	Bakersfield	SJV		SO.CHESTER	18TH ST	21ST ST				2		2	2	2	2	2	2	
209	Bakersfield	SJV		SO.CHESTER	21ST ST	SR178				2		2	2	2	2	2	2	
210	Bakersfield	SJV		SO. H ST	ARVIN-EDSION CANAL	HOSKING				1		2	2	2	2	2	2	
211	Bakersfield	SJV		SO. H ST	HOSKING	SR119				1		1	1	1	1	2	2	
212	Bakersfield	SJV		STINE RD	WILSON	PLANZ RD				3		3	3	3	3	3	3	
213	Bakersfield	SJV		STINE RD	PLANZ RD	WHITE LN				3		3	3	3	3	3	3	
214	Bakersfield	SJV		STINE RD	WHITE LN	DISTRICT				3		3	3	3	3	3	3	
215	Bakersfield	SJV		STINE RD	DISTRICT	PACHECO				3		3	3	3	3	3	3	

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
216	Bakersfield	SJV		STINE RD	PACHECO	HARRIS				3			3	3	3	3	3	3
217	Bakersfield	SJV		STINE RD	HARRIS	PANAMA LN				3			3	3	3	3	3	3
218	Bakersfield	SJV		STINE RD	PANAMA LN	BERKSHIRE				1			2	2	2	2	2	2
219	Bakersfield	SJV		STINE RD	BERKSHIRE	HOSKING				1			2	2	2	2	2	2
220	Bakersfield	SJV		STINE RD	HOSKING	MC KEE				1			2	2	2	2	2	2
221	Bakersfield	SJV		STINE RD	MC KEE	SR119				1			2	2	2	2	2	2
222	Bakersfield	SJV		STOCKDALE	NORD	WEGIS	Add Lanes	Local		1			1	1	1	1	3	3
223	Bakersfield	SJV		STOCKDALE	WEGIS	HEATH	Add Lanes	Local		1			1	1	1	1	3	3
224	Bakersfield	SJV		STOCKDALE	HEATH	CLAUDIA AUTUMN DR	Add Lanes	Local		1			1	2	2	2	2	2
225	Bakersfield	SJV		STOCKDALE	CLAUDIA AUTUMN DR	RENFRO	Add Lanes	Local		1			1	2	2	2	2	2
226	Bakersfield	SJV		STOCKDALE	RENFRO	ALLEN				3			3	3	3	3	3	3
227	Bakersfield	SJV		STOCKDALE	ALLEN	JEWETTA				3			3	3	3	3	3	3
228	Bakersfield	SJV		STOCKDALE	JEWETTA	BUENA VISTA BLVD				3			3	3	3	3	3	3
229	Bakersfield	SJV		STOCKDALE	BUENA VISTA	CALLOWAY				3			3	3	3	3	3	3
230	Bakersfield	SJV		STOCKDALE	CALLOWAY	COFFEE				3			3	3	3	3	3	3
231	Bakersfield	SJV		STOCKDALE	COFFEE	ASHE				3			3	3	3	3	3	3
232	Bakersfield	SJV		STOCKDALE	ASHE	CALIFORNIA				3			3	3	3	3	3	3
233	Bakersfield	SJV		STOCKDALE	CALIFORNIA	MONTCLAIR				3			3	3	3	3	3	3
234	Bakersfield	SJV		STOCKDALE	MONTCLAIR	STINE RD				3			3	3	3	3	3	3
235	Bakersfield	SJV		STOCKDALE	STINE	REAL				3			3	3	3	3	3	3
236	Bakersfield	SJV		STOCKDALE	REAL	SR99				3			3	3	3	3	3	3
237	Bakersfield	SJV		STOCKDALE	SR99	OAK				3			3	3	3	3	3	3
238	Bakersfield	SJV		TRUXTUN AVE	OAK	BEECH				2			2	2	2	2	2	2
239	Bakersfield	SJV		TRUXTUN AVE	BEECH	PINE ST				2			2	2	2	2	2	2
240	Bakersfield	SJV		TRUXTUN AVE	PINE	B ST				2			2	2	2	2	2	2
241	Bakersfield	SJV		TRUXTUN AVE	B ST	F ST				2			2	2	2	2	2	2
242	Bakersfield	SJV		TRUXTUN AVE	F ST	H ST				2			2	2	2	2	2	2
243	Bakersfield	SJV		TRUXTUN AVE	H ST	CHESTER				2			2	2	2	2	2	2
244	Bakersfield	SJV		TRUXTUN AVE	CHESTER	M ST				3			3	3	3	3	3	3
245	Bakersfield	SJV		TRUXTUN AVE	M ST	N ST				3			3	3	3	3	3	3
246	Bakersfield	SJV		TRUXTUN AVE	N ST	Q ST				3			3	3	3	3	3	3
247	Bakersfield	SJV		TRUXTUN AVE	Q ST	UNION				3			3	3	3	3	3	3
248	Bakersfield	SJV		UNION	MANOR	COLUMBUS	Add Lanes	Local		3			3	3	3	3	3	3
249	Bakersfield	SJV		UNION	COLUMBUS	34TH ST				3			3	3	3	3	3	3
250	Bakersfield	SJV		UNION	34TH ST	30TH ST				3			3	3	3	3	3	3
251	Bakersfield	SJV		UNION	30TH ST	NILES				3			3	3	3	3	3	3
252	Bakersfield	SJV		UNION	NILES	MONTEREY				3			3	3	3	3	3	3
253	Bakersfield	SJV		UNION	MONTEREY	KENTUCKY				3			3	3	3	3	3	3
254	Bakersfield	SJV		UNION	KENTUCKY	SR204				3			3	3	3	3	3	3
255	Bakersfield	SJV		UNION	SR204	21ST ST				3			3	3	3	3	3	3
256	Bakersfield	SJV		UNION	21ST ST	18TH ST				3			3	3	3	3	3	3
257	Bakersfield	SJV		UNION	18TH ST	TRUXTUN				3			3	3	3	3	3	3
258	Bakersfield	SJV		UNION	TRUXTUN	CALIFORNIA				3			3	3	3	3	3	3

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
259	Bakersfield	SJV		UNION	CALIFORNIA	4TH ST				3			3	3	3	3	3	3
260	Bakersfield	SJV		UNION	4TH ST	BRUNDAGE				3			3	3	3	3	3	3
261	Bakersfield	SJV		UNION	BRUNDAGE	SR58				3			3	3	3	3	3	3
262	Bakersfield	SJV		UNION	SR58	BELLE TERRACE	Add Lanes	Local		3			3	3	3	3	3	3
263	Bakersfield	SJV		UNION	MING	WILSON	Add Lanes	Local		2			2	2	2	3	3	3
264	Bakersfield	SJV		UNION	WILSON	PLANZ	Add Lanes	Local		2			2	2	2	3	3	3
265	Bakersfield	SJV		UNION	PLANZ	CHESTER	Add Lanes	Local		2			2	2	2	3	3	3
266	Bakersfield	SJV		UNION	CHESTER	WHITE LN	Add Lanes	Local		2			2	2	2	3	3	3
267	Bakersfield	SJV		UNION	PACHECO	FAIRVIEW RD	Add Lanes	Local		2			2	2	2	2	3	3
268	Bakersfield	SJV		UNION	FAIRVIEW RD	PANAMA LN	Add Lanes	Local		2			2	2	2	2	3	3
269	Bakersfield	SJV		UNION	PANAMA LN	BERKSHIRE	Add Lanes	Local		2			2	2	2	2	3	3
270	Bakersfield	SJV		UNION	BERKSHIRE	HOSKING	Add Lanes	Local		2			2	2	2	2	3	3
271	Bakersfield	SJV		VINELAND RD	PALADINO DR	SR 178				0			2	2	2	2	2	2
272	Bakersfield	SJV		VINELAND RD	SR 178	SR 184/Kern Canyon Road				0			2	2	2	2	2	2
273	Bakersfield	SJV		WHITE LN/Muller Road	COTTONWOOD RD	OSWELL				0			0	0	0	0	2	2
274	Bakersfield	SJV		WHITE LN	BUENA VISTA	MOUNTAIN VISTA				3			3	3	3	3	3	3
275	Bakersfield	SJV		WHITE LN	MOUNTAIN VISTA	OLD RIVER RD				3			3	3	3	3	3	3
276	Bakersfield	SJV		WHITE LN	OLD RIVER RD	PARK VIEW				3			3	3	3	3	3	3
277	Bakersfield	SJV		WHITE LN	PARK VIEW	PIN OAK PARK				3			3	3	3	3	3	3
278	Bakersfield	SJV		WHITE LN	PIN OAK PARK	GOSFORD				3			3	3	3	3	3	3
279	Bakersfield	SJV		WHITE LN	GOSFORD	LILY				3			3	3	3	3	3	3
280	Bakersfield	SJV		WHITE LN	LILY	ASHE				3			3	3	3	3	3	3
281	Bakersfield	SJV		WHITE LN	ASHE	WILSON				3			3	3	3	3	3	3
282	Bakersfield	SJV		WHITE LN	WILSON	CLOVE				3			3	3	3	3	3	3
283	Bakersfield	SJV		WHITE LN	CLOVE	STINE RD				3			3	3	3	3	3	3
284	Bakersfield	SJV		WHITE LN	STINE RD	AKERS				3			3	3	3	3	3	3
285	Bakersfield	SJV		WHITE LN	AKERS	WIBLE RD				3			3	3	3	3	3	3
286	Bakersfield	SJV		WHITE LN	WIBLE RD	SR99				3			3	3	3	3	3	3
287	Bakersfield	SJV		WHITE LN	SR99	HUGHES LN				3			3	3	3	3	3	3
288	Bakersfield	SJV		WHITE LN	HUGHES LN	H ST				3/2			3/2	3/2	3/2	3/2	3/2	3/2
289	Bakersfield	SJV		WHITE LN	H ST	MONITOR				2			2	2	2	2	2	2
290	Bakersfield	SJV		WHITE LN	MONITOR	UNION				2			2	2	2	2	2	2
291	Bakersfield	SJV		WIBLE	SR 119	CURNOW RD				1			1	1	1	1	2	2
292	Bakersfield	SJV		WESTSIDE PARKWAY	HEATH	WEST BELTEWAY	New Freeway	KER08RTP004	\$377,000,000	2			2	2	2	2	2	2
293	Bakersfield	SJV		WESTSIDE PARKWAY	WEST BELTEWAY	ALLEN	New Freeway	KER08RTP005	\$377,000,000	2			2	2	2	2	3	3
294	Bakersfield	SJV		WESTSIDE PARKWAY	ALLEN	JEWETTA	New Freeway	KER08RTP004	\$377,000,000	3			3	3	3	3	3	3
295	Bakersfield	SJV		WESTSIDE PARKWAY	JEWETTA	CALLOWAY	New Freeway	KER08RTP004	\$377,000,000	3			3	3	3	3	3	3
296	Bakersfield	SJV		WESTSIDE PARKWAY	CALLOWAY	COFFEE	New Freeway	KER08RTP004	\$377,000,000	3			3	3	3	3	3	3
297	Bakersfield	SJV		WESTSIDE PARKWAY	COFFEE	MOHAWK	New Freeway/Arte	KER08RTP004	\$377,000,000	3/4			3/4	4	4	4	4	4
298	Bakersfield	SJV		WESTSIDE PARKWAY	MOHAWK	TRUXTUN	New Freeway/Arte	KER08RTP004	\$377,000,000	2			2	2	2	2	2	2
299	Bakersfield	SJV		WESTSIDE PARKWAY(P	MOHAWK	SR 99/SR 58				3			3	3	3	3	3	3
300	Bakersfield	SJV		WEST BELTWAY	7TH STANDARD	SR 58/Rosedale Highway		KER08RTP102		0			0	0	0	0	0	2
301	Bakersfield	SJV		WEST BELTWAY	SR58	WESTSIDE PARKWAY	New Freeway	KER08RTP016	\$170,000,000	0			0	0	0	0	3	3

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
302	Bakersfield	SJV		WEST BELTWAY	WESTSIDE PARKWAY	PACHECO		KER08RTP016		0			0	0	0	0	0	2
303	Bakersfield	SJV		WEST BELTWAY	PACHECO	PANAMA LN		KER08RTP097		0			0	0	0	0	0	2
304	Bakersfield	SJV		WEST BELTWAY	PANAMA LN	SR 119		KER08RTP097		0			0	0	0	0	0	2
305	Caltrans																	
306	Caltrans	SJV		ELLINGTON	11TH AVE	SR155				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
308	Caltrans	SJV		I-5	COUNTY LINE	LAVAL				4			4	4	4	4	4	4
309	Caltrans	SJV		I-5	LAVAL	SR99				4			4	4	4	4	4	4
310	Caltrans	SJV		I-5	SR99	SR166				2			2	2	2	2	2	2
311	Caltrans	SJV		I-5	SR166	OLD RIVER RD				2			2	2	2	2	2	2
312	Caltrans	SJV		I-5	OLD RIVER RD	SR223				2			2	2	2	2	2	2
313	Caltrans	SJV		I-5	SR223	SR119				2			2	2	2	2	2	2
314	Caltrans	SJV		I-5	SR119	SR43				2			2	2	2	2	2	2
315	Caltrans	SJV		I-5	SR43	STOCKDALE				2			2	2	2	2	2	2
316	Caltrans	SJV		I-5	STOCKDALE	SR58				2			2	2	2	2	2	2
317	Caltrans	SJV		I-5	SR58	7TH STANDARD				2			2	2	2	2	2	2
318	Caltrans	SJV		I-5	7TH STANDARD	ROWLEE				2			2	2	2	2	2	2
319	Caltrans	SJV		I-5	ROWLEE	LERDO HWY				2			2	2	2	2	2	2
320	Caltrans	SJV		I-5	LERDO HWY	SR46				2			2	2	2	2	2	2
321	Caltrans	SJV		I-5	SR46	TWISSELMAN				2			2	2	2	2	2	2
322	Caltrans	SJV		I-5	TWISSELMAN	COUNTY LINE				2			2	2	2	2	2	2
323	Caltrans	IWV		SR14	SR395	POOLE				2			2			2		2
324	Caltrans	IWV		SR14	POOLE	INYOKERN	Add Lanes	KER08RTP006	\$42,000,000	1			1			2		2
325	Caltrans	IWV		SR14	INYOKERN	SR178	Add Lanes	KER08RTP006	\$42,000,000	1			1			2		2
326	Caltrans	IWV		SR14	SR178	6 mile s of 178	Add Lanes	KER08RTP017	\$42,000,000	1			1			2		2
327	Caltrans	IWV		SR14	6 mile s of 178	REDROCK RANDSBURG	Add Lanes	KER08RTP024	\$32,000,000	1			1			2		2
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
342	Caltrans	SJV		SR119	GARDENER FIELD	2ND ST				1			1	1	1	1	1	1
343	Caltrans	SJV		SR119	2ND ST	ASH				1			1	1	1	1	1	1
344	Caltrans	SJV		SR119	ASH	HARRISON				1			1	1	1	1	1	1

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	PM10 Basin	Street	Begin	End	Type of Imprvmt.	RTP Project ID/Other ID	Cost (RTP, Other)	13	14	15	17	20	23	25	32	35
345	Caltrans	SJV		SR119	HARRISON	MIDWAY				1			1	1	1	1	1	1
346	Caltrans	SJV		SR119	MIDWAY	ELK HILLS				1			1	1	1	1	1	1
347	Caltrans	SJV		SR119	ELK HILLS	CHERRY AVE				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
349	Caltrans	SJV		SR119	CHERRY AVE	TUPMAN	Add Passing Lane	KER08RTP022	\$9,000,000	2			2	2	2	2		2
350	Caltrans	SJV		SR119	TUPMAN	SR43				1			1	1	1	1	1	1
351	Caltrans	SJV		SR119	SR43	I-5				1			1	1	1	1	1	1
352	Caltrans	SJV		SR119	I-5	NORD	Add Lanes	KER08RTP099		1			1	1	1	1	2	2
353	Caltrans	SJV		SR119	NORD	HEATH	Add Lanes	KER08RTP099		1			1	1	1	1	2	2
354	Caltrans	SJV		SR119	HEATH	RENFRO	Add Lanes	KER08RTP099		1			1	1	1	1	2	2
355	Caltrans	SJV		SR119	RENFRO	ALLEN	Add Lanes	KER08RTP099		1			1	1	1	1	2	2
356	Caltrans	SJV		SR119	ALLEN	BARLOW	Add Lanes	KER08RTP099		1			1	1	1	1	2	2
357	Caltrans	SJV		SR119	BARLOW	BUENA VISTA BLVD	Add Lanes	KER08RTP099		1			1	1	1	1	2	2
358	Caltrans	SJV		SR119	BUENA VISTA BLVD	GREEN	Add Lanes	Local		1			1	1	1	1	2	2
359	Caltrans	SJV		SR119	GREEN	OLD RIVER RD	Add Lanes	Local		1			1	1	1	1	2	2
360	Caltrans	SJV		SR119	OLD RIVER RD	PROGRESS	Add Lanes	Local		1			1	1	1	1	2	2
361	Caltrans	SJV		SR119	PROGRESS	GOSFORD	Add Lanes	Local		1			1	1	1	1	2	2
362	Caltrans	SJV		SR119	GOSFORD	ASHE	Add Lanes	Local		1			1	1	1	1	2	2
363	Caltrans	SJV		SR119	ASHE	STINE RD	Add Lanes	Local		1			1	1	1	1	2	2
364	Caltrans	SJV		SR119	STINE RD	VAN HORN	Add Lanes	Local		1			1	1	1	1	2	2
365	Caltrans	SJV		SR119	VAN HORN	WIBLE RD	Add Lanes	Local		1			1	1	1	1	2	2
366	Caltrans	SJV		SR119	WIBLE RD	SR99	Add Lanes	Local		1			1	1	1	1	2	2
367	Caltrans	SJV		SR155	SR99	FREMONT				1			1	1	1	1	1	1
368	Caltrans	SJV		SR155	FREMONT	HIGH				1			1	1	1	1	1	1
369	Caltrans	SJV		SR155	HIGH	LEXINGTON				1			1	1	1	1	1	1
370	Caltrans	SJV		SR155	LEXINGTON	MAST AVE				1			1	1	1	1	1	1
371	Caltrans	SJV		SR155	MAST AVE	BROWNING				1			1	1	1	1	1	1
372	Caltrans	SJV		SR155	BROWNING	BOWMAN RD	Add Lanes	Local		1			1	1	1	1	2	2
373	Caltrans	SJV		SR155	BOWMAN RD	FAMOSO PORTERVILLE	Add Lanes	Local		1			1	1	1	1	2	2
374	Caltrans	SJV		SR155	FAMOSO PORTERVILLE	SR65				1			1	1	1	1	1	1
375	Caltrans	SJV		SR155	SR65	WOODY GRANITE				1			1	1	1	1	1	1
376	Caltrans	SJV		SR155	WOODY GRANITE	GRANITE				1			1	1	1	1	1	1
377	Caltrans	SJV		SR155	GRANITE	JACK RANCH				1			1	1	1	1	1	1
378	Caltrans	SJV	Y/5	SR155	JACK RANCH	RANCHERIA RD				1			1	1	1	1	1	1
379	Caltrans	MD	Y	SR155	RANCHERIA	WOFFORD					1					1		1
380	Caltrans	MD	Y	SR155	WOFFORD	SAWMILL					2					2		2
381	Caltrans	MD	Y	SR155	SAWMILL	SR178					1					1		1
382	Caltrans	SJV		SR166	SR33	OLD RIVER RD				1			1	1	1	1	1	1
383	Caltrans	SJV		SR166	OLD RIVER RD	I-5				1			1	1	1	1	1	1
384	Caltrans	SJV		SR166	I-5	SR99				1			1	1	1	1	1	1
385	Caltrans	SJV		SR178	SR58/SR99	BUCK OWENS		KER08RTP014	\$59,000,000	3			3	3	3	3	3	3
386	Caltrans	SJV		SR178	BUCK OWENS	OAK		KER08RTP014	\$59,000,000	3			4	4	4	4	4	4
387	Caltrans	SJV		SR178	OAK	OAK	Intersection	KER08RTP012	\$19,100,000	2			4	4	4	4	4	4

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
388	Caltrans	SJV		SR178	OAK	BEECH	Add Lanes	KER08RTP014	\$59,000,000	2			3	3	3	3	3	3
389	Caltrans	SJV		SR178	BEECH	PINE ST	Add Lanes	KER08RTP014	\$59,000,000	2			3	3	3	3	3	3
390	Caltrans	SJV		SR178	PINE ST	BAY ST	Add Lanes	KER08RTP014	\$59,000,000	2			3	3	3	3	3	3
391	Caltrans	SJV		SR178	BAY ST	D ST	Add Lanes	KER08RTP014	\$59,000,000	2			3	3	3	3	3	3
392	Caltrans	SJV		SR178	D ST	F ST	Add Lanes	KER08RTP014	\$59,000,000	3			4	4	4	4	4	4
393	Caltrans	SJV		SR178	F ST	H ST	Add Lanes	KER08RTP014	\$59,000,000	3			4	4	4	4	4	4
394	Caltrans	SJV		SR178	H ST	CHESTER	Add Lanes	KER08RTP014	\$59,000,000	3			4	4	4	4	4	4
395	Caltrans	SJV		SR178	CHESTER	M ST	Add Lanes	KER08RTP014	\$59,000,000	3			4	4	4	4	4	4
396	Caltrans	SJV		SR178	M ST	SR204				3			3	3	3	3	3	3
397	Caltrans	SJV		SR178	SR204	ALTA VISTA				3			3	3	3	3	3	3
398	Caltrans	SJV		SR178	ALTA VISTA	BEALE	Add Lanes	KER08RTP026	\$81,000,000	3			3	3	3	3	4	4
399	Caltrans	SJV		SR178	BEALE	HALEY	Add Lanes	KER08RTP026	\$81,000,000	3			3	3	3	3	4	4
400	Caltrans	SJV		SR178	HALEY	MT VERNON	Add Lanes	KER08RTP026	\$81,000,000	3			3	3	3	3	4	4
401	Caltrans	SJV		SR178	MT VERNON	OSWELL	Add Lanes	KER08RTP026	\$81,000,000	3			3	3	3	3	4	4
402	Caltrans	SJV		SR178	OSWELL	FAIRFAX				2			2	2	2	2	2	2
403	Caltrans	SJV		SR178	FAIRFAX	MORNING DR		KER08RTP111		2			3	3	3	3	3	3
404	Caltrans	SJV		SR178	MORNING DR	VINELAND	Add Lanes	KER08RTP010 KER08RTP112	\$58,800,000	1			2	2	2	2	3	3
405	Caltrans	SJV		SR178	VINELAND	SR184	Add Lanes	KER08RTP011 KER08RTP025	\$36,800,000 \$231,500,000	1			3	3	3	3	3	3
406	Caltrans	SJV		SR179	SR184	MASTERSON Street	Add Lanes	KER08RTP011 KER08RTP025	\$36,800,000 \$231,500,000	1			3	3	3	3	3	3
407	Caltrans	SJV		SR178	MASTERSON Street	COMANCHE	Add Lanes	KER08RTP011 KER08RTP025	\$36,800,000 \$231,500,000	1			2	2	2	2	2	3
408	Caltrans	SJV		SR178	COMANCHE	MIRAMONTE	Add Lanes	KER08RTP011 KER08RTP025	\$36,800,000 \$231,500,000	1			2	2	2	2	2	3
409	Caltrans	SJV		SR178	MIRAMONTE	RANCHERIA RD		KER08RTP084		1			1	1	1	1	1	2
410	Caltrans	SJV/MD	Y/3	SR178	RANCHERIA RD	SR155				2			2	2	2	2	2	2
411	Caltrans	MD	Y	SR178	SR155	LAKE ISABELLA BLVD						1				1		1
412	Caltrans	MD	Y	SR178	LAKE ISABELLA BLVD	SIERRA WY						1				1		1
413	Caltrans	MD	Y	SR178	SIERRA WY	KELSO VALLEY						1				1		1
414	Caltrans	MD/IWV	Y/2	SR178	KELSO VALLEY	SR14				1			1			1		1
415	Caltrans	IWV		SR178	SR14	SR395				1			1			1		1
416	Caltrans	IWV		SR178	SR395	JACKS RANCH				2			2			2		2
417	Caltrans	IWV		SR178	JACKS RANCH	BRADY				2			2			2		2
418	Caltrans	IWV		SR178	BRADY	MAHAN				2			2			2		2
419	Caltrans	IWV		SR178	MAHAN	DOWNS				2			2			2		2
420	Caltrans	IWV		SR178	DOWNS	NORMA				2			2			2		2
421	Caltrans	IWV		SR178	NORMA	CHINA LAKE				2			2			2		2
422	Caltrans	IWV		SR178	INYOKERN	WARD				2			2			2		2
423	Caltrans	IWV		SR178	WARD	DRUMMOND				2			2			2		2

KERN COUNCIL OF GOVERNMENTS MARCH 2013 CONFORMITY ANALYSIS

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
424	Caltrans	IWV		SR178	DRUMMOND	LAS FLORES				2	2					2	2	
425	Caltrans	IWV		SR178	LAS FLORES	RIDGECREST BLVD				2	2					2	2	
426	Caltrans	IWV		SR178	CHINA LAKE	GATEWAY				2	2					2	2	
427	Caltrans	IWV		SR178	GATEWAY	RICHMOND				2	2					2	2	
428	Caltrans	IWV		SR178	RICHMOND	COUNTY LINE				1	1					1	1	
429	Caltrans	SJV		SR184	MESA MARIN DR	SR178	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	2	2
430	Caltrans	SJV		SR184	VINELAND	MESA MARIN DR	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	2	2
431	Caltrans	SJV		SR184	MONICA ST	VINELAND	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	2	2
432	Caltrans	SJV		SR184	SHALANE	MONICA ST	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	2	2
433	Caltrans	SJV		SR184	MORNING DR	SHALANE	Add Lanes	KER08RTP101		1	1	1	1	1	1	1	2	2
434	Caltrans	SJV		SR184	NILES	PIONEER				1	1	1	1	1	1	1	2	3
435	Caltrans	SJV		SR184	PIONEER	MILLS				1	1	1	1	1	1	1	2	3
436	Caltrans	SJV		SR184	MILLS	EDISON				1	1	1	1	1	1	1	2	3
437	Caltrans	SJV		SR184	EDISON	BRUNDAGE				2	2	2	2	2	2	2	2	3
438	Caltrans	SJV		SR184	BRUNDAGE	SR58				2	2	2	2	2	2	2	2	3
439	Caltrans	SJV		SR184	SR58	KERRNITA		KER08RTP100		2	2	2	2	2	2	2	2	2
440	Caltrans	SJV		SR184	KERRNITA	REDBANK		KER08RTP100		1	1	1	1	1	1	1	2	2
441	Caltrans	SJV		SR184	REDBANK	WILSON		KER08RTP100		1	1	1	1	1	1	1	2	2
442	Caltrans	SJV		SR184	WILSON	MULLER		KER08RTP100		1	1	1	1	1	1	1	2	2
443	Caltrans	SJV		SR184	MULLER	WHITE LN		KER08RTP100		1	1	1	1	1	1	1	2	2
444	Caltrans	SJV		SR184	WHITE LN	HERMOSA		KER08RTP100		1	1	1	1	1	1	1	2	2
445	Caltrans	SJV		SR184	HERMOSA	FAIRVIEW RD		KER08RTP100		1	1	1	1	1	1	1	2	2
446	Caltrans	SJV		SR184	FAIRVIEW RD	PANAMA LN		KER08RTP100		1	1	1	1	1	1	1	2	2
447	Caltrans	SJV		SR184	PANAMA LN	KAM AVE		KER08RTP100		1	1	1	1	1	1	1	1	2
448	Caltrans	SJV		SR184	KAM AVE	MOUNTAIN VIEW		KER08RTP100		1	1	1	1	1	1	1	1	2
449	Caltrans	SJV		SR184	MOUNTAIN VIEW	MC KEE		KER08RTP100		1	1	1	1	1	1	1	1	2
450	Caltrans	SJV		SR184	MC KEE	SR119/PANAMA RD		KER08RTP100		1	1	1	1	1	1	1	1	2
451	Caltrans	SJV		SR184	SR119/PANAMA RD	HALL				2	2	2	2	2	2	2	2	2
452	Caltrans	SJV		SR184	HALL	DI GIORGIO				2	2	2	2	2	2	2	2	2
453	Caltrans	SJV		SR184	DI GIORGIO	TRI DUNCON				1	1	1	1	1	1	1	1	2
454	Caltrans	SJV		SR184	TRI DUNCON	BUENA VISTA BLVD				1	1	1	1	1	1	1	1	2
455	Caltrans	SJV		SR184	BUENA VISTA BLVD	SUNSET BLVD				1	1	1	1	1	1	1	1	2
456	Caltrans	SJV		SR184	SUNSET BLVD	SR223				1	1	1	1	1	1	1	1	2
457	Caltrans	MD		SR202	SR58	TEHACHAPI BLVD					2					2		2
458	Caltrans	MD		SR202	TEHACHAPI BLVD	RED APPLE				2						2		2
459	Caltrans	MD		SR202	RED APPLE	VALLEY BLVD				2						2		2
460	Caltrans	MD		SR202	VALLEY BLVD	GOLDEN HILLS				1						1		2
461	Caltrans	MD		SR202	GOLDEN HILLS	WOODFORD TEHACHAPI				1						1		1
462	Caltrans	MD		SR202	WOODFORD TEHACHAPI	SCHOUT				1						1		1
463	Caltrans	MD		SR202	SCHOUT	BANDUCCI				1						1		1
464	Caltrans	MD	Y	SR202	BANDUCCI	CUMMINGS VALLEY				1						1		1
465	Caltrans	MD	Y	SR202	CUMMINGS VALLEY	BEAR VALLEY				1						1		1
466	Caltrans	MD	Y	SR202	BEAR VALLEY	GIRAUDO				1						1		1

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
										467	Caltrans	SJV		SR204	UNION	Q ST		
468	Caltrans	SJV		SR204	Q ST	M ST				3			3	3	3	3	3	3
469	Caltrans	SJV		SR204	M ST	CHESTER				3			3	3	3	3	3	3
470	Caltrans	SJV		SR204	CHESTER	F ST				2			2/3	2/3	2/3	2/3	3	3
471	Caltrans	SJV		SR204	F ST	SR99				2			2	2	2	2	3	3
472	Caltrans	SJV		SR223	I-5	OLD RIVER RD				1			1	1	1	1	1	1
473	Caltrans	SJV		SR223	OLD RIVER RD	WIBLE RD				1			1	1	1	1	1	1
474	Caltrans	SJV		SR223	WIBLE RD	SR99				1			1	1	1	1	1	1
475	Caltrans	SJV		SR223	SR99	UNION				1			1	1	1	1	1	1
476	Caltrans	SJV		SR223	UNION	FAIRFAX				1			1	1	1	1	1	1
477	Caltrans	SJV		SR223	FAIRFAX	SR184				1			1	1	1	1	1	1
478	Caltrans	SJV		SR223	SR184	VINELAND				1			1	1	1	1	1	1
479	Caltrans	SJV		SR223	VINELAND	EDISON				1			1	1	1	1	1	1
480	Caltrans	SJV		SR223	EDISON	MALAGA				1			1	1	1	1	1	1
481	Caltrans	SJV		SR223	MALAGA	COMANCHE				1			1	1	1	1	1	1
482	Caltrans	SJV		SR223	COMANCHE	CAMPUS				2			2	2	2	2	2	2
483	Caltrans	SJV		SR223	CAMPUS	TEJON				2			2	2	2	2	2	2
484	Caltrans	SJV		SR223	TEJON	TOWER LINE				1			1	1	1	1	1	1
485	Caltrans	SJV		SR223	TOWER LINE	GENERAL BEALE				1			1	1	1	1	1	1
486	Caltrans	SJV		SR223	GENERAL BEALE	SR58				1			1	1	1	1	1	1
487	Caltrans	SJV		SR33	BARKER	TWISSELMAN				1			1	1	1	1	1	1
488	Caltrans	SJV		SR33	TWISSELMAN	SR46				1			1	1	1	1	1	1
489	Caltrans	SJV		SR33	SR46	LERDO HWY				1			1	1	1	1	1	1
490	Caltrans	SJV		SR33	LERDO HWY	LOST HILLS				1			1	1	1	1	1	1
491	Caltrans	SJV		SR33	LOST HILLS	LOKERN				1			1	1	1	1	1	1
492	Caltrans	SJV		SR33	LOKERN	SR58				1			1	1	1	1	1	1
493	Caltrans	SJV		SR33	SR58	SR58				1			1	1	1	1	1	1
494	Caltrans	SJV		SR33	SR58	BILL KIRBY				1			1	1	1	1	1	1
495	Caltrans	SJV		SR33	BILL KIRBY	MIDWAY				1			1	1	1	1	1	1
496	Caltrans	SJV		SR33	MIDWAY	ASH				1			1	1	1	1	1	1
497	Caltrans	SJV		SR33	ASH	HILLARD				1			1	1	1	1	1	1
498	Caltrans	SJV		SR33	HILLARD	10TH ST				2			2	2	2	2	2	2
499	Caltrans	SJV		SR33	10TH ST	6TH ST				2			2	2	2	2	2	2
500	Caltrans	SJV		SR33	6TH ST	2ND ST				2			2	2	2	2	2	2
501	Caltrans	SJV		SR33	2ND ST	MAIN ST				1			1	1	1	1	1	1
502	Caltrans	SJV		SR33	MAIN ST	SR119				1			1	1	1	1	1	1
503	Caltrans	SJV		SR33	SR119	WOOD				1			1	1	1	1	1	1
504	Caltrans	SJV		SR33	WOOD	CADET				1			1	1	1	1	1	1
505	Caltrans	SJV		SR33	CADET	BUSH				1			1	1	1	1	1	1
506	Caltrans	SJV		SR33	BUSH	SR166				1			1	1	1	1	1	1
507	Caltrans	SJV		SR33	SR166	CERRO NOROESTE				1			1	1	1	1	1	1
508	Caltrans	SJV		SR33	CERRO NOROESTE	COUNTY LINE				1			1	1	1	1	1	1
509	Caltrans	IWV		SR395	COUNTY LINE	SR14				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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
510	Caltrans	IWV		SR395	SR14	INYOKERN				1	1					1		2
511	Caltrans	IWV		SR395	INYOKERN	BOWMAN RD	Passing Lanes	KER08RTP089	\$20,000,000	1	1					2		2
512	Caltrans	IWV		SR395	BOWMAN RD	CHINA LAKE	Passing Lanes	KER08RTP089	\$20,000,000	1	1					2		2
513	Caltrans	IWV		SR395	CHINA LAKE	SEARLES				1	1					1		2
514	Caltrans	MD		SR395	SEARLES	GARLOCK					1					1		2
515	Caltrans	MD		SR395	GARLOCK	JOBERG					1					1		2
516	Caltrans	MD		SR395	JOBERG	COUNTY LINE					1					1		2
517	Caltrans	SJV		SR43	COUNTY LINE	CECIL AVE				1		1	1	1	1	1	1	1
518	Caltrans	SJV		SR43	CECIL AVE	SR155				1		1	1	1	1	1	1	1
519	Caltrans	SJV		SR43	SR155	POND				1		1	1	1	1	1	1	1
520	Caltrans	SJV		SR43	POND	SHERWOOD				1		1	1	1	1	1	1	1
521	Caltrans	SJV		SR43	SHERWOOD	SR46				1		1	1	1	1	1	1	1
522	Caltrans	SJV		SR43	SR46	5TH ST				1		1	1	1	1	1	1	1
523	Caltrans	SJV		SR43	5TH ST	6TH ST				1		1	1	1	1	1	1	1
524	Caltrans	SJV		SR43	6TH ST	7TH ST				1		1	1	1	1	1	1	1
525	Caltrans	SJV		SR43	7TH ST	POSO DR				1		1	1	1	1	1	1	1
526	Caltrans	SJV		SR43	POSO DR	FILBURN				2		2	2	2	2	2	2	2
527	Caltrans	SJV		SR43	FILBURN	JACKSON				2		2	2	2	2	2	2	2
528	Caltrans	SJV		SR43	JACKSON	KIMBERLINA RD				2		2	2	2	2	2	2	2
529	Caltrans	SJV		SR43	KIMBERLINA	POPLAR				2		2	2	2	2	2	2	2
530	Caltrans	SJV		SR43	POPLAR	SHAFTER				2		2	2	2	2	2	2	2
531	Caltrans	SJV		SR43	SHAFTER	CENTRAL				2		2	2	2	2	2	2	2
532	Caltrans	SJV		SR43	CENTRAL	LERDO HWY				2		2	2	2	2	2	2	2
533	Caltrans	SJV		SR43	LERDO HWY	LOS ANGELES				1		1	1	1	1	1	1	1
534	Caltrans	SJV		SR43	LOS ANGELES	7TH STANDARD				1		1	1	1	1	1	1	1
535	Caltrans	SJV		SR43	7TH STANDARD	BAKER				1		1	1	1	1	1	1	1
536	Caltrans	SJV		SR43	BAKER	SNOW				1		1	1	1	1	1	1	1
537	Caltrans	SJV		SR43	SNOW	KRATZMEYER				1		1	1	1	1	1	1	1
538	Caltrans	SJV		SR43	KRATZMEYER	REINA				1		1	1	1	1	1	1	1
539	Caltrans	SJV		SR43	REINA	HAGEMAN				1		1	1	1	1	1	1	1
540	Caltrans	SJV		SR43	HAGEMAN	SR58				1		1	1	1	1	1	1	1
541	Caltrans	SJV		SR43	SR58	PALM				1		1	1	1	1	1	1	1
542	Caltrans	SJV		SR43	PALM	BRIMHALL				1		1	1	1	1	1	1	1
543	Caltrans	SJV		SR43	BRIMHALL	STOCKDALE				1		1	1	1	1	1	1	1
544	Caltrans	SJV		SR43	STOCKDALE	PANAMA LN				1		1	1	1	1	1	1	1
545	Caltrans	SJV		SR43	PANAMA LN	I-5				1		1	1	1	1	1	1	1
546	Caltrans	SJV		SR43	I-5	SR119				1		1	1	1	1	1	1	1
547	Caltrans	SJV		SR46	COUNTY LINE	KECKS	Add Lanes	KER08RTP003	\$232,000,000	2		2	2	2	2	2	2	2
548	Caltrans	SJV		SR46	KECKS	BITTERWATER VALLEY	Add Lanes	KER08RTP003	\$232,000,000	2		2	2	2	2	2	2	2
549	Caltrans	SJV		SR46	BITTERWATER VALLEY	SR33	Add Lanes	KER08RTP003	\$232,000,000	2		2	2	2	2	2	2	2
550	Caltrans	SJV		SR46	SR33	BROWN MATERIAL RD	Add Lanes	KER08RTP003	\$232,000,000	2		2	2	2	2	2	2	2
551	Caltrans	SJV		SR46	BROWN MATERIAL RD	I-5	Add Lanes	KER08RTP018	\$97,000,000	1		1	1	1	1	1	2	2
552	Caltrans	SJV		SR46	I-5	CORCORAN				1		1	1	1	1	1	1	1

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
553	Caltrans	SJV		SR46	CORCORAN	ROWLEE				1			1	1	1	1	1	1
554	Caltrans	SJV		SR46	ROWLEE	WILDWOOD				1			1	1	1	1	1	1
555	Caltrans	SJV		SR46	WILDWOOD	SCOFIELD				1			1	1	1	1	1	1
556	Caltrans	SJV		SR46	SCOFIELD	LEONARD				1			1	1	1	1	1	1
557	Caltrans	SJV		SR46	LEONARD	WESTERN				1			1	1	1	1	1	1
558	Caltrans	SJV		SR46	WESTERN	MAGNOLIA				1			1	1	1	1	1	1
559	Caltrans	SJV		SR46	MAGNOLIA	CENTRAL				1			1	1	1	1	1	1
560	Caltrans	SJV		SR46	CENTRAL	PALM				1			1	1	1	1	1	1
561	Caltrans	SJV		SR46	PALM	GRIFFITH				1			1	1	1	1	1	1
562	Caltrans	SJV		SR46	GRIFFITH	F ST				1			1	1	1	1	1	1
563	Caltrans	SJV		SR46	F ST	SR43				1			1	1	1	1	1	1
564	Caltrans	SJV		SR46	SR43	ROOT				1			1	1	1	1	1	1
565	Caltrans	SJV		SR46	ROOT	SR99				1			1	1	1	1	1	1
566	Caltrans	SJV		SR58	COUNTY LINE	SR33				1			1	1	1	1	1	1
567	Caltrans	SJV		SR58	SR33	LOKERN				1			1	1	1	1	1	1
568	Caltrans	SJV		SR58	LOKERN	BUTTONWILLOW				1			1	1	1	1	1	1
569	Caltrans	SJV		SR58	BUTTONWILLOW	I-5				1			1	1	1	1	1	1
570	Caltrans	SJV		SR58	I-5	BRANDT				1			1	1	1	1	1	1
571	Caltrans	SJV		SR58	BRANDT	SR43				1			1	1	1	1	1	1
572	Caltrans	SJV		SR58	SR43	CHERRY		KER08RTP092		1			1	1	1	1	2	2
573	Caltrans	SJV		SR58	CHERRY	SUPERIOR		KER08RTP092		1			1	1	1	1	2	2
574	Caltrans	SJV		SR58	SUPERIOR	GREELEY		KER08RTP092		1			1	1	1	1	2	2
575	Caltrans	SJV		SR58	GREELEY	DRIVER		KER08RTP092		1			1	1	1	1	2	2
576	Caltrans	SJV		SR58	DRIVER	NORD		KER08RTP092		1			1	1	1	1	2	2
577	Caltrans	SJV		SR58	NORD	WEGIS		KER08RTP092		1			1	1	1	1	2	2
578	Caltrans	SJV		SR58	WEGIS	HEATH		KER08RTP092		1			1	1	1	1	2	2
579	Caltrans	SJV		SR58	HEATH	RENFRO		KER08RTP092		1			1	1	1	1	2	3
580	Caltrans	SJV		SR58	RENFRO	JENKINS		KER08RTP092		1			1	1	1	1	2	3
581	Caltrans	SJV		SR58	JENKINS	ALLEN		KER08RTP092		1			1	1	1	1	2	3
582	Caltrans	SJV		SR58	ALLEN	OLD FARM	Add Lanes	KER08RTP090	\$8,800,000	2			3	3	3	3	3	3
583	Caltrans	SJV		SR58	OLD FARM	JEWETTA	Add Lanes	KER08RTP090	\$8,800,000	2			3	3	3	3	3	3
584	Caltrans	SJV		SR58	JEWETTA	VERDUGO	Add Lanes	KER08RTP090	\$8,800,000	2			3	3	3	3	3	3
585	Caltrans	SJV		SR58	VERDUGO	CALLOWAY	Add Lanes	KER08RTP090	\$8,800,000	2			3	3	3	3	3	3
586	Caltrans	SJV		SR58	CALLOWAY	MAIN PLAZA	Add Lanes	KER08RTP007	\$20,600,000	2			3	3	3	3	3	3
587	Caltrans	SJV		SR58	MAIN PLAZA	COFFEE		KER08RTP007	\$20,600,000	2			3	3	3	3	3	3
588	Caltrans	SJV		SR58	COFFEE	PATTON		KER08RTP007	\$20,600,000	2			3	3	3	3	3	3
589	Caltrans	SJV		SR58	PATTON	WEAR	Add Lanes	KER08RTP007	\$20,600,000	2			3	3	3	3	3	3
590	Caltrans	SJV		SR58	WEAR	FRUITVALE	Add Lanes	KER08RTP007	\$20,600,000	2			3	3	3	3	3	3
591	Caltrans	SJV		SR58	FRUITVALE	MOHAWK	Add Lanes	KER08RTP007	\$20,600,000	2			3	3	3	3	3	3
592	Caltrans	SJV		SR58	MOHAWK	LANDCO	Add Lanes	KER08RTP118	\$17,400,000	2			3	3	3	3	3	4
593	Caltrans	SJV		SR58	LANDCO	GIBSON	Add Lanes	KER08RTP007	\$20,600,000	2			3	3	3	3	3	4
594	Caltrans	SJV		SR58	GIBSON	SR99	Add Lanes	KER08RTP007	\$20,600,000	3			3	3	3	3	3	4
595	Caltrans	SJV		SR58	REAL	SR99				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	PM10 Basin	Street	Begin	End	Type of Imprvmt.	RTP Project ID/Other ID	Cost (RTP, Other)	13	14	15	17	20	23	25	32	35
596	Caltrans	SJV		SR58	SR99	H ST	Add Lanes	KER08RTP019 KER08RTP020	\$50000000 \$47400000	2/3			3	4	4	4	4	4
597	Caltrans	SJV		SR58	H ST	CHESTER	Add Lanes	KER08RTP019 KER08RTP093	\$50000000 \$47400000	2			3	3	3	3	4	4
598	Caltrans	SJV		SR58	CHESTER	UNION	Add Lanes	KER08RTP019 KER08RTP093	\$50000000 \$47400000	2			3	3	3	3	4	4
599	Caltrans	SJV		SR58	UNION	COTTONWOOD	Add Lanes	KER08RTP019 KER08RTP093	\$50000000 \$47400000	2			3	3	3	3	4	4
600	Caltrans	SJV		SR58	COTTONWOOD	MT VERNON				3			3	3	4	4	4	4
601	Caltrans	SJV		SR58	MT VERNON	OSWELL				3			3	3	4	4	4	4
602	Caltrans	SJV		SR58	OSWELL	FAIRFAX				3			3	3	4	4	4	4
603	Caltrans	SJV		SR58	FAIRFAX	SR184				3			3	3	3	3	3	3
604	Caltrans	SJV		SR58	SR184	EDISON				2			2	2	2	2	2	2
605	Caltrans	SJV		SR58	EDISON	COMANCHE				2			2	2	2	2	2	2
606	Caltrans	SJV		SR58	COMANCHE	TOWER LINE				2			2	2	2	2	2	2
607	Caltrans	SJV		SR58	TOWER LINE	GENERAL BEALE				2			2	2	2	2	2	2
608	Caltrans	SJV		SR58	GENERAL BEALE	BEND RD	Truck Lanes	SHOPP		2			2	2	2	2	3	3
609	Caltrans	SJV		SR58	BEND RD	BEALVILLE	Truck Lanes	SHOPP		2			2	2	2	2	3	3
610	Caltrans	SJV		SR58	BEALVILLE	BROOM RANCH				2			2	2	2	2	2	2
611	Caltrans	MD	Y	SR58	BROOM RANCH	SR 202					2					2		2
612	Caltrans	MD		SR58	SR202	MILL					2					2		2
613	Caltrans	MD		SR58	MILL	DENNISON					2					2		2
614	Caltrans	MD		SR58	DENNISON	TEHACHAPI BLVD					2					2		2
615	Caltrans	MD		SR58	TEHACHAPI BLVD	SAND CANYON					2					2		2
616	Caltrans	MD		SR58	SAND CANYON	RANDBURG CUTOFF					2					2		2
617	Caltrans	MD		SR58	RANDBURG CUTOFF	SR14					2					2		2
618	Caltrans	MD		SR58	SR14	20 MULE TEAM PARKWAY					2					2		2
619	Caltrans	MD		SR58	20 MULE TEAM PARKWAY	OLD 58					2					2		2
620	Caltrans	MD		SR58	OLD 58	CALIFORNIA CITY					2					2		2
621	Caltrans	MD		SR58	CALIFORNIA CITY	MUROC					2					2		2
622	Caltrans	MD		SR58	MUROC	CLAY MINE					2					2		2
623	Caltrans	MD		SR58	CLAY MINE	20 MULE TEAM PARKWAY					2					2		2
624	Caltrans	MD		SR58	20 MULE TEAM PARKWAY	GEPHART					2					2		2
625	Caltrans	MD		SR58	GEPHART	BORAX					2					2		2
626	Caltrans	MD		SR58	BORAX	COUNTY LINE					2					2		2
627	Caltrans	SJV		SR65	COUNTY LINE	SR155				1			1	1	1	1	1	1
628	Caltrans	SJV		SR65	SR155	SHERWOOD				1			1	1	1	1	1	1
629	Caltrans	SJV		SR65	SHERWOOD	FAMOSO RD				1			1	1	1	1	1	1
630	Caltrans	SJV		SR65	FAMOSO RD	MERCED AVE				1			1	1	1	1	1	1
631	Caltrans	SJV		SR65	MERCED AVE	LERDO HWY				1			1	1	1	1	1	1
632	Caltrans	SJV		SR65	LERDO HWY	JAMES				1			1	1	1	1	1	1
633	Caltrans	SJV		SR65	JAMES	7TH STANDARD	Add Lanes	KER08RTP094		1			1	1	2	2	2	2

KERN COUNCIL OF GOVERNMENTS MARCH 2013 CONFORMITY ANALYSIS

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
634	Caltrans	SJV		SR65	7TH STANDARD	SR99					2		2	2	2	2	2	2
635	Caltrans	SJV		SR99	COUNTY LINE	CECIL AVE					3		3	3	3	3	3	3
636	Caltrans	SJV		SR99	CECIL	SR155					3		3	3	3	3	3	3
637	Caltrans	SJV		SR99	SR155	WOOLLOMES					3		3	3	3	3	3	3
638	Caltrans	SJV		SR99	WOOLLOMES	POND					3		3	3	3	3	3	3
639	Caltrans	SJV		SR99	POND	SHERWOOD					3		3	3	3	3	3	3
640	Caltrans	SJV		SR99	SHERWOOD	SR46					3		3	3	3	3	3	3
641	Caltrans	SJV		SR99	SR46	KIMBERLINA RD					3		3	3	3	3	3	3
642	Caltrans	SJV		SR99	KIMBERLINA RD	MERCED AVE					3		3	3	3	3	3	3
643	Caltrans	SJV		SR99	MERCED	LERDO HWY					3		3	3	3	3	3	3
644	Caltrans	SJV		SR99	LERDO HWY	7TH STANDARD					3		3	3	3	3	3	3
645	Caltrans	SJV		SR99	7TH STANDARD	SR65		KER08RTP104	\$91,100,000		3		3	3	3	3	3	4
646	Caltrans	SJV		SR99	SR65	OLIVE		KER08RTP104	\$91,100,000		3		3	3	3	3	3	4
647	Caltrans	SJV		SR99	SNOW RD	SNOW RD	New Interchange	KER08RTP115	\$138,200,000		-		-	-	-	-	-	x
648	Caltrans	SJV		SR99	OLIVE	OLIVE	Ramp Improvement	KER08RTP021	\$108,000,000		-		-	-	-	-	-	x
649	Caltrans	SJV		SR99	OLIVE	SR204		KER08RTP104	\$12,000,000		5		5	5	5	5	5	5
650	Caltrans	SJV		SR99	SR204	AIRPORT					4		4	4	4	4	4	4
651	Caltrans	SJV		SR99	AIRPORT	SR58(24TH ST)					4		4	4	4	4	4	4
652	Caltrans	SJV		SR99	SR58(24TH ST)	CALIFORNIA					4		4	4	4	4	4	4
653	Caltrans	SJV		SR99	CALIFORNIA	STOCKDALE					4		4	4	4	4	4	4
654	Caltrans	SJV		SR99	STOCKDALE	MING					4		4	4	4	4	4	4
655	Caltrans	SJV		SR99	MING	Wilson Road					4		4	4	4	4	4	4
656	Caltrans	SJV		SR99	Wilson Road	WHITE LN	Add Lanes	KER08RTP077	\$52,000,000		4		4	4	4	4	4	4
657	Caltrans	SJV		SR99	WHITE LN	PANAMA LN	Add Lanes	KER08RTP077	\$52,000,000		4		4	4	4	4	3	4
658	Caltrans	SJV		SR99	PANAMA LN	HOSKING	Add Lanes	KER08RTP077	\$52,000,000		4		4	4	4	4	3	4
659	Caltrans	SJV		SR99	HOSKING	HOSKING	Interchange Imprc	KER08RTP009	\$35,000,000		2		2	2	2	2	2	3
660	Caltrans	SJV		SR99	SR119	HOSKING	Add Lanes	KER08RTP077	\$52,000,000		4		4	4	4	4	3	4
661	Caltrans	SJV		SR99	SR223	SR119					3		3	3	3	3	3	3
662	Caltrans	SJV		SR99	HERRING RD	SR223					3		3	3	3	3	3	3
663	Caltrans	SJV		SR99	COPUS RD	HERRING RD					3		3	3	3	3	3	3
664	Caltrans	SJV		SR99	SR166	COPUS RD					3		3	3	3	3	3	3
665	Caltrans	SJV		SR99	I-5	SR166					3		3	3	3	3	3	3
666	Caltrans	MD		TUCKER RD	RED APPLE	VALLEY					2					2		2
667	Caltrans	MD		VALLEY BL	TUCKER	REEVES	Add Lanes	Local			2					2		2
668	Caltrans	MD		VALLEY BL	REEVES	GOLDEN HILLS	Add Lanes	Local			2					2		2
669	<b>Kern County</b>																	
670	Kern County	SJV		SR119	SR99	HUGHES LN	Add Lanes	Local			1		1	2	2	2	2	2
671	Kern County	SJV		SR119	HUGHES LN	UNION					1		1	2	2	2	2	2
672	Kern County	SJV		SR119	UNION	SR184					1		1	1	1	1	2	2
673	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
674	Kern County	SJV		7th STANDARD RD	ZERKER RD	ALLEN	Add Lanes	KER08RTP005	\$57,000,000		2		2	2	2	2	2	2
675	Kern County	SJV		7th STANDARD RD	ALLEN	OLD FARM	Add Lanes	KER08RTP005	\$57,000,000		2		2	2	2	2	2	2
676	Kern County	SJV		7th STANDARD RD	OLD FARM	JEWETTA	Add Lanes	KER08RTP005	\$57,000,000		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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
677	Kern County	SJV		7th STANDARD RD	CALLOWAY	RIVERLAKES	Add Lanes	KER08RTP005	\$57,000,000	2			2	2	2	2	2	2
678	Kern County	SJV		7th STANDARD RD	RIVERLAKES	COFFEE	Add Lanes	KER08RTP005	\$57,000,000	2			2	2	2	2	2	2
679	Kern County	SJV		7th STANDARD RD	COFFEE	SR99				2			2	2	2	2	2	2
680	Kern County	SJV		7th STANDARD RD	SR99	SR99				2			2	2	2	2	2	2
681	Kern County	SJV		7th STANDARD RD	SR99	SR65				2			2	2	2	2	2	2
682	Kern County	SJV		7th STANDARD RD	SR65	PEGASUS				2			2	2	2	2	2	2
683	Kern County	SJV		7th STANDARD RD	PEGASUS	WINGS WAY				2			2	2	2	2	2	2
684	Kern County	SJV		7th STANDARD RD	WINGS WAY	AIRPORT	Add Lanes	Local		1			1	2	2	2	2	2
685	Kern County	SJV		7th STANDARD RD	AIRPORT	MC CRAY				2			2	2	2	2	2	2
686	Kern County	SJV		7th STANDARD RD	MC CRAY	CHESTER				2			2	2	2	2	2	2
687	Kern County	MD		90TH WEST	ROSAMOND	HOLIDAY	Add Lanes	Local			1					1		2
688	Kern County	MD		90TH WEST	HOLIDAY	GASKELL	Add Lanes	Local			1					1		2
689	Kern County	MD		90TH WEST	GASKELL	A AVE	Add Lanes	Local			1					1		2
690	Kern County	SJV		AIRPORT	7TH STANDARD	DAY	Add Lanes	Local		1			2	2	2	2	2	2
691	Kern County	SJV		AIRPORT	DAY	SKYWAY	Add Lanes	Local		1			2	2	2	2	2	2
692	Kern County	SJV		AIRPORT	SKYWAY	NORRIS				2			2	2	2	2	2	2
693	Kern County	SJV		AIRPORT	NORRIS	DECATUR/OLIVE	Add Lanes	Local		2			2	3	3	3	3	3
694	Kern County	SJV		AIRPORT	DECATUR/OLIVE	ROBERTS LN	Add Lanes	Local		2			2	3	3	3	3	3
695	Kern County	SJV		AIRPORT	ROBERTS LN	STATE RD				2			2	3	3	3	3	3
696	Kern County	SJV		ALLEN	NORIEGA	HAGEMAN				1			1	2	2	2	2	2
697	Kern County	SJV		ALLEN	HAGEMAN	MEACHAM	Add Lanes	Local		1			2	2	2	2	2	2
698	Kern County	SJV		ALLEN	MEACHAM	SR58	Add Lanes	Local		1			2	2	2	2	2	2
699	Bakersfield	SJV		ASHE RD	SR 119	Cumow Road				1			1	1	1	2	2	2
700	Kern County	SJV		BRECKENRIDGE RD	SR 184/Morning Drive	VINELAND RD				1			1	1	1	1	2	2
701	Kern County	SJV		BRECKENRIDGE RD	VINELAND RD	Edison /Masterson				1			1	1	1	1	2	2
702	Kern County	SJV		BRECKENRIDGE RD	Edison /Masterson	BEAUJOLIAS				1			1	1	1	1	1	1
703	Kern County	SJV		BRECKENRIDGE RD	BEAUJOLIAS	COMANCHE DR				0			0	0	0	0	1	1
704	Kern County	SJV		CALLOWAY	7TH STANDARD	ETCHART	Add Lanes	Local		1			1	1	1	2	2	2
705	Kern County	SJV		CALLOWAY	SR58	HOLLAND ST	Add Lanes	Local		2			3	3	3	3	3	3
706	Kern County	SJV		CALLOWAY	HOLLAND ST	PALM				2			3	3	3	3	3	3
707	Kern County	SJV		CALLOWAY	PALM	BRIMHALL	Add Lanes	Local		2			3	3	3	3	3	3
708	Kern County	SJV		CALIFORNIA	WASHINGTON	MT VERNON				2			2	2	2	2	2	2
709	Kern County	SJV		CALIFORNIA	MT VERNON	EDISON				2			2	2	2	2	2	2
710	Kern County	SJV		CHASE AVE	Masterson Street	COMANCHE DR				0			0	0	0	1	1	1
711	Kern County	SJV		CHINA GRADE	CHESTER	MANOR				2			2	2	2	2	2	2
712	Kern County	SJV		CHINA GRADE	MANOR	MONTE CRISTO	Add Lanes	Local		1			1	1	1	1	2	2
713	Kern County	SJV		CHINA GRADE	MONTE CRISTO	CHINA GRADE LOOP/RC	Add Lanes	Local		1			1	1	1	1	2	2
714	Kern County	SJV		CHINA GRADE	CHINA GRADE LOOP/RC	ALFRED HARRELL	Add Lanes	Local		1			1	1	1	1	2	2
715	Kern County	IWV		CHINA LAKE BL	SPRINGER	MAHAN				1		1				1		1
716	Kern County	IWV		CHINA LAKE BL	MAHAN	SR395				1		1				1		1
717	Kern County	SJV		COFFEE	SNOW	NORRIS	Add Lanes	Local		1			1	2	2	2	3	3
718	Kern County	SJV		COMANCHE DR	Alfred Harrell Highway	SR 58				1			1	1	1	1	2	2
719	Kern County	SJV		COMANCHE DR	SR 58	MULLER				1			1	1	1	1	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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
720	Kern County	SJV		EDISON RD	SR 178	BRECKENRIDGE RD				1			1	1	1	1	1	2
721	Kern County	SJV		EDISON RD	BRECKENRIDGE RD	Edison Highway				1			1	1	1	1	2	2
722	Kern County	SJV		FAIRFAX RD	SR 58	REDBANK RD				1			1	2	2	2	2	2
723	Kern County	SJV		FRUITVALE AVE	SNOW	NORRIS				1			1	2	2	2	2	2
724	Kern County	SJV		FRUITVALE AVE	HAGEMAN RD	SR 58/Rosedale Highway				1			1	1	1	1	2	2
725	Kern County	SJV		GILMORE	FRUITVALE AVE	LANDCO				0			0	0	0	0	1	1
726	Kern County	SJV		GOSFORD	SR119	CURNOW				1			1	1	1	1	2	2
727	Kern County	SJV		HAGEMAN	NORD RD	WEGIS AVE				1			1	1	2	2	2	2
728	Kern County	SJV		HAGEMAN	WEGIS AVE	HEATH RD				1			1	1	1	1	2	2
729	Kern County	SJV		HAGEMAN	HEATH RD	RUDD				1			1	1	1	1	2	2
730	Kern County	SJV		HAGEMAN	RUDD	RENFRO				1			1	1	1	1	2	2
731	Kern County	SJV		HAGEMAN	RENFRO	JENKINS				1			1	1	1	2	2	2
732	Kern County	SJV		HAGEMAN	JENKINS	SANTA FE				3/2			3/2	3/2	3/2	3/2	3/2	3/2
733	Kern County	SJV		HAGEMAN	SANTA FE	ALLEN				3			3	3	3	3	3	3
734	Kern County	SJV		HEATH RD	HAGEMAN RD	SR 58/Rosedale Highway				1			1	2	2	2	2	2
735	Kern County	SJV		HEATH RD	SR 58/Rosedale Highway	Stockdale Highway				1			1	1	1	1	2	2
736	Kern County	SJV		LANDCO DR	HAGEMAN RD	OLIVE DR				0			0	1	1	1	1	2
737	Kern County	SJV		MANOR	MC CRAY	CHESTER				2			2	2	2	2	2	2
738	Kern County	SJV		MANOR	CHESTER	DAY				2			2	2	2	2	2	2
739	Kern County	SJV		MANOR	DAY	CHINA GRADE LOOP				2			2	2	2	2	2	2
740	Kern County	SJV		MANOR	CHINA GRADE LOOP	NORRIS				2			2	2	2	2	2	2
741	Kern County	SJV		MANOR	NORRIS	ROBERTS LN				2			2	2	2	2	2	2
742	Kern County	SJV		MEACHAM	RENFRO RD	JENKINS RD				1			1	1	1	1	2	2
743	Kern County	SJV		MEACHAM	JENKINS RD	ALLEN				1			1	2	2	2	2	2
744	Kern County	SJV		MOHAWK	HAGEMAN	DOWNING				0			0	3	3	3	3	3
745	Kern County	SJV		MOHAWK	DOWNING	SR58				3			3	3	3	3	3	3
746	Kern County	SJV		MT VERNON	SR178	BERNARD				2			2	2	2	2	2	2
747	Kern County	SJV		MT VERNON	BERNARD	COLLEGE				2			2	2	2	2	2	2
748	Kern County	SJV		MT VERNON	COLLEGE	FLOWER				2			2	2	2	2	2	2
749	Kern County	SJV		MT VERNON	FLOWER	NILES				2			2	2	2	2	2	2
750	Kern County	SJV		MT VERNON	NILES	KENTUCKY				2			2	2	2	2	2	2
751	Kern County	SJV		MT VERNON	KENTUCKY	EDISON HWY				2			2	2	2	2	2	2
752	Kern County	SJV		MT VERNON	EDISON HWY	CALIFORNIA				2			2	2	2	2	2	2
753	Kern County	SJV		MT VERNON	CALIFORNIA	VIRGINIA				2			2	2	2	2	2	2
754	Kern County	SJV		MT VERNON	VIRGINIA	BRUNDAGE				2			2	2	2	2	2	2
755	Kern County	SJV		NO. CHESTER	BEARDSLEY	ROBERTS LN				2			2	2	2	2	2	2
756	Kern County	SJV		NO. CHESTER	ROBERTS LN	DECATUR				2			2	2	2	2	2	2
757	Kern County	SJV		NO. CHESTER	DECATUR	NORRIS				2			2	2	2	2	2	2
758	Kern County	SJV		NO. CHESTER	NORRIS	CHINA GRADE LOOP				2			2	2	2	2	2	2
759	Kern County	SJV		NO. CHESTER	CHINA GRADE LOOP	DAY				2			2	2	2	2	2	2
760	Kern County	SJV		NO. CHESTER	DAY	MANOR				2			2	2	2	2	2	2
761	Kern County	SJV		NILES	MONTEREY	MT VERNON				2			2	2	2	2	2	2
762	Kern County	SJV		NILES	MT VERNON	OSWELL				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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
763	Kern County	SJV		NILES	OSWELL	STERLING RD				2	2	2	2	2	2	2	2	2
764	Kern County	SJV		NILES	STERLING RD	FAIRFAX				2	2	2	2	2	2	2	2	2
765	Kern County	SJV		NILES	FAIRFAX	BRENTWOOD				2	2	2	2	2	2	2	2	2
766	Kern County	SJV		NILES	BRENTWOOD	PARK DR				2	2	2	2	2	2	2	2	2
767	Kern County	SJV		NILES	PARK DR	SR184				2	2	2	2	2	2	2	2	2
768	Kern County	SJV		NORRIS RD	CHESTER AVE	MANOR				1	1	1	1	1	1	2	2	2
769	Kern County	SJV		NORRIS RD	SR 99	AIRPORT DR				1	1	1	1	1	1	2	2	2
770	Kern County	MD		OLD 58	ROSEWOOD	SR58BYPASS					2				2		2	2
771	Kern County	MD		OLD 58	ARROYO	ROSEWOOD				2					2		2	2
772	Kern County	MD		OLD 58	SR14	ARROYO				2					2		2	2
773	Kern County	MD		OLD 58	SR14	UNITED				2					2		2	2
774	Kern County	MD		OLD 58	UNITED	5TH ST				2					2		2	2
775	Kern County	MD		OLD 58	5TH	SR58BYPASS				2					2		2	2
776	Kern County	SJV		OLD RIVER	MCCUTCHEN(HOSKING)	SR119				1		1	1	1	2	2	2	2
777	Kern County	SJV		OLD RIVER	SR119	CURNOW				1		1	1	1	1	2	2	2
778	Kern County	SJV		OSWELL	BERNARD	COLLEGE	Add Lanes	Local		2	2	2	2	2	3	3	3	3
779	Kern County	SJV		OSWELL	COLLEGE	NILES	Add Lanes	Local		2	2	2	2	2	3	3	3	3
780	Kern County	SJV		OSWELL	NILES	KENTUCKY	Add Lanes	Local		2	2	2	2	2	3	3	3	3
781	Kern County	SJV		OSWELL	KENTUCKY	CALIFORNIA	Add Lanes	Local		2	2	2	2	2	3	3	3	3
782	Kern County	SJV		OSWELL	CALIFORNIA	EDISON HWY	Add Lanes	Local		2	2	2	2	2	3	3	3	3
783	Kern County	SJV		OSWELL	EDISON HWY	VIRGINIA	Add Lanes	Local		2	2	2	2	2	3	3	3	3
784	Kern County	SJV		OSWELL	VIRGINIA	BRUNDAGE	Add Lanes	Local		2	2	2	2	2	3	3	3	3
785	Kern County	SJV		OSWELL	WHITE LN	PANAMA LN				0	0	0	0	0	1	1	1	1
786	Kern County	SJV		PANAMA LN	SR 43/ENOS LN	RENFRO				1	2	2	2	2	2	2	2	2
787	Kern County	SJV		PANAMA LN	RENFRO	ALLEN	Add Lanes	Local		1	2	2	2	2	2	2	2	2
788	Kern County	MD		RANDBURG CUTOFF	SR14	SR58BYPASS					1				1		1	1
789	Kern County	SJV		PATTON WAY	MEANY	SR 58/Rosedale Highway				1		1	1	1	1	1	2	2
790	Kern County	SJV		QUAIL CREEK RD	NORRIS	SNOW ROAD				1		1	1	1	2	2	2	2
791	Kern County	SJV		REDBANK	FAIRFAX	SR 184/Weedpatch Highway				1		1	2	2	2	2	2	2
792	Kern County	SJV		RENFRO RD	REINA	JOHNSON RD				1		1	1	1	1	2	2	2
793	Kern County	MD		ROSAMOND BL	TEHACHAPI WILLOW SP	80TH ST					1				1		1	1
794	Kern County	MD		ROSAMOND BL	80TH ST	70TH ST				1					1		1	1
795	Kern County	MD		ROSAMOND BL	70TH ST	65TH ST				1					1		1	1
796	Kern County	MD		ROSAMOND BL	65TH ST	60TH ST				1					1		1	1
797	Kern County	MD		ROSAMOND BL	60TH ST	50TH ST	Add Lanes	Local		2					2		2	2
798	Kern County	MD		ROSAMOND BL	50TH ST	40TH ST	Add Lanes	Local		3					3		3	3
799	Kern County	MD		ROSAMOND BL	40TH ST	30TH ST	Add Lanes	Local		3					3		3	3
800	Kern County	MD		ROSAMOND BL	30TH ST	25TH ST	Add Lanes	Local		3					3		3	3
801	Kern County	MD		ROSAMOND BL	25TH ST	SR14	Add Lanes	Local		3					3		3	3
802	Kern County	MD		ROSAMOND BL	SR14	20TH ST	Add Lanes	Local		3					3		3	3
803	Kern County	MD		ROSAMOND BL	20TH ST	SIERRA HWY	Add Lanes	Local		3					3		3	3
804	Kern County	MD		ROSAMOND BL	SIERRA HWY	15TH ST	Add Lanes	Local		3					3		3	3
805	Kern County	MD		ROSAMOND BL	15TH ST	10TH ST	Add Lanes	Local		3					3		3	3

KERN COUNCIL OF GOVERNMENTS MARCH 2013 CONFORMITY ANALYSIS

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	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	13	14	15	17	20	23	25	32	35
806	Kern County	SJV		SNOW RD	Allen Road	OLD FARM RD				1			1	1	1	2	2	2
807	Kern County	SJV		SNOW RD	OLD FARM RD	JEWETTA AVE				1			1	1	1	2	2	2
808	Kern County	SJV		SNOW RD	CALLOWAY DR	QUAIL CREEK RD				1			1	1	1	2	2	2
809	Kern County	SJV		SNOW RD	QUAIL CREEK RD	COFFEE RD				1			1	1	1	2	2	2
810	Kern County	SJV		SNOW RD	FRUITVALE AVE	Golden State Highway				1			1	2	2	2	2	2
811	Kern County	SJV		SO.CHESTER	WILSON	MING				2			2	2	2	2	2	2
812	Kern County	MD		TEHACHAPI WILLOW SP	IRONE	ROSAMOND					1					1		1
813	Kern County	MD		TEHACHAPI WILLOW SP	HAMILTON	IRONE					1					1		1
814	Kern County	MD		TEHACHAPI WILLOW SP	HIGHLINE	DENNISON					1					1		1
815	Kern County	MD		TEHACHAPI WILLOW SP	ABAJO	HIGHLINE					1					1		1
816	Kern County	SJV		UNION	BELLE TERRACE	MING	Add Lanes	Local		2			2	3	3	3	3	3
817	Kern County	SJV		UNION	WHITE LN	PACHECO	Add Lanes	Local		2			2	2	2	2	3	3
818	Kern County	SJV		UNION	HOSKING	MC KEE	Add Lanes	Local		2			2	2	2	2	3	3
819	Kern County	SJV		UNION	MC KEE	SR119	Add Lanes	Local		2			2	2	2	2	3	3
820	Kern County	SJV		VERDUGO LN	MEACHAM	ROSEDALE HIGHTWAY				1			1	1	1	1	1	1
821	Kern County	SJV		VINELAND RD	SR 58	EDISON HIGHWAY				1			1	1	1	1	2	2
822	Kern County	SJV		VINELAND RD	EDISON HIGHWAY	Eucalyptus Drive				1			1	1	1	1	2	2
823	Kern County	SJV		VINELAND RD	Eucalyptus Drive	PIONEER DR				1			1	1	1	1	2	2
824	Kern County	SJV		VINELAND RD	PIONEER DR	SR 184/Morning Drive				0			0	0	0	0	1	1
825	Kern County	SJV		WHITE LN(MULLER RD)	OSWELL	FAIRFAX				1			1	1	1	1	2	2
826	California City																	
827	California City	MD		CAL CITY BL	SR14	RAILROAD					1					1		1
828	California City	MD		CAL CITY BL	RAILROAD	BARON BLVD					1					1		1
829	California City	MD		CAL CITY BL	BARON BLVD	NEURALIA					2					2		2
830	California City	MD		CAL CITY BL	NEURALIA	HACIENDA					2					2		2
831	California City	MD		CAL CITY BL	RANDBURG MOJAVE	HACIENDA					2					2		2
832	California City	MD		CAL CITY BL	REDWOOD	RANDBURG MOJAVE					2					2		2
833	California City	MD		CAL CITY BL	CARSON	REDWOOD					1					1		1
834	Ridgecrest																	
835	Ridgecrest	IWV		CHINA LAKE BL	RIDGECREST BLVD	UPJOHN				2			2			2		2
836	Ridgecrest	IWV		CHINA LAKE BL	UPJOHN	BOWMAN RD				2			2			2		2
837	Ridgecrest	IWV		CHINA LAKE BL	BOWMAN RD	COLLEGE HEIGHTS				1			1			1		1
838	Ridgecrest	IWV		CHINA LAKE BL	COLLEGE HEIGHTS	DOLPHIN				1			1			1		1
839	Ridgecrest	IWV		CHINA LAKE BL	DOLPHIN	DOWNS				1			1			1		1
840	Ridgecrest	IWV		CHINA LAKE BL	DOWNS	SPRINGER				1			1			1		1
841	Shafter																	
842	Shafter	SJV		LERDO HWY	POPLAR	SHAFTER					1			1	1	1	1	1
843	Shafter	SJV		LERDO HWY	SHAFTER	SR43					1			1	1	1	1	1
844	Shafter	SJV		LERDO HWY	SR43	MANNEL					2			2	2	2	2	2
845	Shafter	SJV		LERDO HWY	MANNEL	BEECH					2			2	2	2	2	2
846	Shafter	SJV		LERDO HWY	BEECH	CHERRY					2			2	2	2	2	2
847	Shafter	SJV		LERDO HWY	CHERRY	ZACHARY	Add Lanes	Local			2			2	2	2	3	3
848	Shafter	SJV		LERDO HWY	ZACHARY	ZERKER	Add Lanes	Local			2			2	2	2	3	3

<b>Appendix B - Highway Project Listing on Regionally Significant Route Segments and Year Number of Lanes Modeled</b>																		
SORT KEY	AGENCY	AIR BASIN	PM10 BASIN	STREET	BEGIN	END	Type of Imprvmt.	RTP PROJECT ID/Other ID	COST (RTP, Other)	Year number of lanes modeled (each direction)								
										13	14	15	17	20	23	25	32	35
849	Shafter	SJV		LERDO HWY	ZERKER	SR99	Add Lanes	Local		2		2	2	2	2	2	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	KER101001	20400000620	IN ARVIN: ON SR 223 FROM COMANCHE RD TO DERBY ST; STREETSCAPE IMPROVEMENTS	\$1,084,000	4.12	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
Bakersfield	KER050102	20400000389	IN BAKERSFIELD: WEST BELTWAY FROM SR119 TO 7TH STANDARD RD; CORRIDOR STUDY	\$15,000,000	4.05	San Joaquin
Bakersfield	KER060402	20400000424	LOCAL STREETS AND ROADS RESURFACING, RECONSTRUCTION OR REHABILITATION AT VARIOUS LOCATIONS (NON-CAPACITY PROJECTS ONLY)	\$4,410,000	1.10	San Joaquin
Bakersfield	KER100402	20400000591	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$6,406,639	1.10	San Joaquin
Bakersfield	KER100506	20400000606	IN BAKERSFIELD: STOCKDALE HWY FROM RENFRO RD TO JENKINS RD; SIGNAL COORDINATION (INTERCONNECT)	\$94,100	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	KER100507	20400000607	IN BAKERSFIELD: WHITE LANE FROM GOSFORD RD TO ASHE RD; SIGNAL COORDINATION (INTERCONNECT)	\$172,500	5.07	San Joaquin
Bakersfield	KER100508	20400000608	IN BAKERSFIELD: GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SAFER ROADS	\$418,000	5.07	San Joaquin
Bakersfield	KER100509	20400000609	IN BAKERSFIELD: GROUPED PROJECTS FOR TRAFFIC CONTROL DEVICES	\$234,910	1.07	San Joaquin
Bakersfield	KER100510	20400000610	IN BAKERSFIELD: GROUPED PROJECTS FOR TRAFFIC CONTROL DEVICES	\$628,360	1.07	San Joaquin
Bakersfield	KER100511	20400000611	IN BAKERSFIELD: RELOCATE AND UPGRADE CITY OF BAKERSFIELD TRAFFIC OPERATIONS CENTER	\$393,750	1.07	San Joaquin
Bakersfield	KER101003	20400000622	IN BAKERSFIELD: ON STOCKDALE HIGHWAY FROM MCDONALD WAY TO NORTH STINE ROAD; LANDSCAPE AND SIDEWALK IMPROVEMENTS	\$231,000	4.12	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	\$1,027,300	5.07	San Joaquin
Bakersfield	KER120508	20400000671	IN BAKERSFIELD: GROUPED PROJECTS FOR TRAFFIC CONTROL DEVICES	\$1,283,150	1.07	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	KER120509	20400000672	IN BAKERSFIELD: SOUTH H ST AT WHITE LN; SIGNAL MODIFICATION AND NEW LEFT TURN LANE	\$175,000	5.01	San Joaquin
Bakersfield	KER120511	20400000674	IN BAKERSFIELD: GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS	\$785,700	1.04	San Joaquin
Bakersfield	KER120512	20400000675	IN BAKERSFIELD: GROUPED PROJECTS FOR BICYCLE AND PEDESTRIAN FACILITIES	\$95,000	3.02	San Joaquin
Bakersfield	KER121001	10400000347	IN BAKERSFIELD: MT VERNON FROM COLUMBUS ST TO UNIVERSITY AVE; LANDSCAPE IMPROVEMENTS	\$515,565	4.12	San Joaquin
Cal. City	KER061002	10400000228	IN CALIFORNIA CITY: ON CALIFORNIA CITY BETWEEN YERBA BLVD AND NEURALIA; CONSTRUCT SIDEWALK AND SIDEWALK IMPROVEMENTS	\$710,000	3.02	Mojave Desert
Cal. City	KER100403	20400000592	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$451,093	1.10	Mojave Desert
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 YALE AVE; CONSTRUCT COLLEGE STATION PARK-AND-RIDE	\$375,000	5.06	Mojave Desert
Delano	KER100603	20400000587	IN DELANO: SR 99 AT WOOLLOMES AVE; INTERCHANGE SAFETY IMPROVEMENTS	\$5,500,000	5.04	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
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
GET	KER080808	20400000534	SOUTHWEST TRANSIT CENTER UPGRADE	\$3,500,000	2.08	San Joaquin
GET	KER100505	20400000605	EXPANSION OF CNG FUELING STATION FUEL ISLAND	\$600,000	2.04	San Joaquin
GET	KER100801	20400000572	PURCHASE SEVENTEEN REPLACEMENT CNG BUSES	\$8,415,000	2.10	San Joaquin
GET	KER100807	20400000578	PREVENTATIVE MAINTENANCE	\$10,058,000	2.01	San Joaquin
GET	KER110805	20400000638	AUTOMATED VEHICLE LOCATOR	\$2,500,000	2.04	San Joaquin
GET	KER110806	20400000639	TWENTY BUS SHELTERS	\$250,000	2.07	San Joaquin
GET	KER110807	20400000640	MOBILE RADIO REPLACEMENTS	\$215,000	2.04	San Joaquin
GET	KER110808	20400000641	TWO FLOOR HOISTS	\$400,000	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

**Transportation Project Listing - Exempt Projects**

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
GET	KER120802	20400000687	REPLACE BUS SURVEILLANCE SYSTEM	\$660,000	2.04	San Joaquin
GET	KER120803	20400000688	PREVENTATIVE MAINTENANCE	\$9,544,300	2.01	San Joaquin
KCOG	KER100501	20400000601	IN KERN COUNTY: RIDESHARE PROGRAM	\$236,079	3.01	Various
KCOG	KER120104	20400000650	PLANNING, PROGRAMMING AND MONITORING	\$2,325,000	4.01	Various
KCOG	KER120412	20400000662	IN KERN COUNTY: REGIONAL TRAFFIC COUNT PROGRAM	\$180,000	4.01	Various
KCOG	KER120501	20400000664	IN KERN COUNTY: RIDESHARE PROGRAM	\$405,300	3.01	Various
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.	KER100410	20400000599	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$5,438,694	1.10	Various
Kern Co.	KER100503	20400000603	PURCHASE OF THREE REPLACEMENT CNG 35' BUSES (ADA COMPLIANT)	\$1,136,625	2.10	Various
Kern Co.	KER100514	20400000614	IN BAKERSFIELD: PIONEER DRIVE: GARGANO ROAD TO VINELAND ROAD; SURFACE UNPAVED STREET	\$280,000	1.10	San Joaquin
Kern Co.	KER100515	20400000615	IN ROSAMOND: 55TH STREET WEST FROM ROSAMOND BLVD TO ASHE ST; SURFACE UNPAVED STREET	\$481,250	1.10	Mojave Desert
Kern Co.	KER100516	20400000616	NEAR TEHACHAPI: REEVES ST FROM ALTA VISTA TO SR 202; SURFACE UNPAVED STREET	\$251,250	1.10	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.	KER100517	20400000617	IN RIDGECREST: BOWMAN RD FROM JACKS RANCH RD TO DOWNS AVE; SURFACE UNPAVED STREET	\$1,962,544	1.10	Indian Wells
Kern Co.	KER100518	20400000618	IN ROSAMOND: ASTORIA AVE FROM 60TH ST WEST TO 55TH ST WEST; SURFACE UNPAVED STREET	\$375,000	1.10	Mojave Desert
Kern Co.	KER100519	20400000619	GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS IN KERN COUNTY	\$924,000	1.04	Various
Kern Co.	KER101008	20400000627	IN KERNVILLE: ON KERNVILLE RD, KERN RIVER DR, ADJACENT TO KERN RIVER IN RIVER PARK, BIG BLUE RD, TOBIAS ST, SIERRA WAY, PIUTE DR; SIDEWALK IMPROVEMENTS	\$950,000	3.02	Mojave Desert / PM 10
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

**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.	KER120518	20400000681	IN KERN COUNTY: GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS	\$5,450,000	1.04	Various
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
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
McFarland	KER120406	20400000656	IN MCFARLAND: W KERN AVE FROM WEST OF FRONTAGE RD TO EAST OF 2ND ST; PEDESTRIAN/LANDSCAPE IMPROVEMENTS	\$296,460	4.09	San Joaquin
Ridgecrest	KER050406	20400000383	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$473,261	1.10	Indian Wells

**Transportation Project Listing - Exempt Projects**

Jurisdiction/ Agency	TIP Project ID	CTIPS ID (If available)	Description	Est. Cost	Exempt Code (per CTIPS)	Air Basins
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 RIDGECRST: 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
Shafter	KER100406	20400000595	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$325,000	1.10	San Joaquin
Shafter	KER101004	20400000623	IN SHAFTER: ON SANTA FE WAY FROM LOS ANGELES AVENUE TO RIVERSIDE AVENUE; BEAUTIFICATION	\$160,000	4.12	San Joaquin
Shafter	KER120408	20400000658	IN SHAFTER: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$594,000	1.10	San Joaquin
Shafter	KER120521	20400000684	IN SHAFTER: INTERMODAL RAIL FACILITY EXPANSION	\$3,712,166	2.11	San Joaquin
Shafter	KER120522	20400000685	IN SHAFTER: GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS	\$564,781	1.04	San Joaquin
State	KER080111	20400000525	IN BAKERSFIELD: AT VARIOUS LOCATIONS FROM THE SR 119/99 SEPARATION TO THE SR 65/99 SEPARATION; BRIDGE AESTHETIC IMPROVEMENT	\$1,640,000	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
State	KER110201	20400000642	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - HIGHWAY MAINTENANCE	\$14,460,454	1.10	Various
State	KER120107	10400000337	KERN & TULARE: SR99 AT VARIOUS LOCATIONS; BRIDGE ENHANCEMENT FOR 24 STRUCTURES, AESTHETIC WORK	\$1,909,000	4.09	San Joaquin
State	KER120201	20400000694	GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM	\$62,817,000	1.19	Various
State	KER120202	20400000695	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP COLLISION REDUCTION PROGRAM	\$12,953,000	1.09	Various
State	KER120203	20400000696	GROUPED PROJECTS FOR EMERGENCY REPAIR - SHOPP EMERGENCY RESPONSE PROGRAM	\$3,066,000	1.12	Various
State	KER120204	20400000697	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP MANDATES PROGRAM	\$16,198,000	1.02	Various
State	KER120205	20400000698	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM	\$6,383,000	1.10	Various
Taft	KER050408	20400000385	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$702,768	1.10	San Joaquin
Taft	KER060408	20400000430	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$306,060	1.10	San Joaquin
Taft	KER100407	20400000596	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$145,648	1.10	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
Taft	KER100502	20400000602	IN TAFT: PURCHASE AND INSTALLATION OF TEN BUS SHELTERS	\$149,500	2.07	San Joaquin
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
Tehachapi	KER100408	20400000597	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$228,000	1.10	Mojave Desert
Tehachapi	KER101006	20400000625	IN TEHACHAPI: ON TEHACHAPI BLVD FROM HAYES STREET TO ROBINSON STREET; STREETSCAPE IMPROVEMENTS	\$709,000	4.12	Mojave Desert
Tehachapi	KER120410	20400000660	IN TEHACHAPI: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$352,423	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

**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)	\$7,100,000	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	Various
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	Various
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	Various
Various	KER110601	20400000637	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP). NON-CAPACITY INCREASING PROJECTS ONLY. (40 CFR TABLES 2&3)	\$2,413,300	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)	\$2,434,500	3.02	Various
Various	KER110802	20400000633	GROUPED PROJECTS FOR OPERATING ASSISTANCE TO TRANSIT AGENCIES	\$2,155,292	2.01	Various
Various	KER110804	20400000635	GROUPED PROJECTS FOR OPERATING ASSISTANCE TO TRANSIT AGENCIES	\$397,746	2.01	Various
Various	KER110809	20400000644	GROUPED PROJECTS FOR PURCHASE OF OPERATING EQUIPMENT FOR VEHICLES	\$36,952	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	KER110810	20400000645	GROUPED PROJECTS FOR PURCHASE OF NEW BUSES AND RAIL CARS TO REPLACE EXISTING VEHICLES OR FOR MINOR EXPANSIONS OF THE FLEET	\$1,069,000	2.10	Various
Various	KER120801	20400000648	GROUPED PROJECTS FOR OPERATING ASSISTANCE TO TRANSIT AGENCIES	\$9,239,138	2.01	Various
Wasco	KER100409	20400000598	GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$431,821	1.10	San Joaquin
Wasco	KER101007	20400000626	IN WASCO: ON SR 43 FROM POSO DRIVE TO FILBURN AVENUE; LANDSCAPE IMPROVEMENT	\$633,447	4.12	San Joaquin
Wasco	KER120411	20400000661	IN WASCO: GROUPED PROJECT FOR PAVEMENT RESURFACING AND/OR REHABILITATION (NON-CAPACITY PROJECTS ONLY)	\$722,345	1.10	San Joaquin
Wasco	KER121010	10400000349	IN WASCO: SR43 FROM POSO DRIVE TO FILBURN AVE; CONSTRUCT LANDSCAPE IMPROVEMENTS	\$845,812	4.12	San Joaquin

**APPENDIX C**  
**CONSULTATION CORRESPONDENCE**

January 16, 2013

TO: IAC Partners

CC: SJV MPO Staff & Directors

RE: 2008 Ozone Conformity Demonstration Items for IAC

In August 2012 a summary of the EPA Transportation Conformity Guidance for the 2008 Ozone Nonattainment Areas was distributed for Interagency Consultation and discussed on the August 21, 2012 IAC conference call.

The purpose of this memo is to transmit the proposed procedures and documentation approach for Interagency Consultation. Transportation network development is scheduled to be completed in January, followed by the conformity analysis in February, 2013. Public review of the 2008 Ozone Conformity Demonstration is anticipated to occur in March, followed by MPO adoption in May 2013. The 2008 Ozone Conformity Demonstration for the 2013 FTIP / 2011 RTP (as amended if applicable) will be submitted in June for Federal approval to be issued on or before July 20, 2013.

Please provide any comments on the proposed approach by COB, Friday, January 25, 2013. It is requested that EPA and FHWA also provide concurrence. An interagency consultation conference call will be scheduled upon request.

#### REQUIREMENTS

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 will begin 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 December 31, 2032. [In addition, the Eastern portion of Kern County, the Mohave Desert, was designated nonattainment and classified Marginal with an attainment date of 2015. It is important to note that the 2015 analysis year is already included in the federally approved 2013 FTIP / 2011 RTP, as amended, and Corresponding Conformity Analysis for Kern County].

EPA has indicated that transportation conformity for the 1997 ozone standard stops applying on July 20, 2013. 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. 2032). In addition, in areas that have budgets for a previous ozone standard, consistency with those budgets must also be determined.

For multi-jurisdictional areas (i.e., SJV MPOs: multiple MPOs within a single nonattainment area), each MPO will demonstrate conformity, then all will be submitted to EPA/FHWA. A federal conformity determination cannot be made until every MPO in the area has made a conformity determination.

### PROPOSED APPROACH

The 2008 Ozone Conformity Demonstration will be based on the federally approved 2013 FTIP Conformity Analysis with updates as appropriate. The interagency consultation process for the 2013 FTIP and corresponding conformity analysis began in February 2012 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, Friday, January 25, 2013. 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 the SJV MPOs will not be processing a concurrent regionally significant amendment with the 2008 Ozone Conformity Demonstration; however, at least one SJV MPO is anticipated to process a concurrent regionally significant amendment. The following proposed approach applies to all SJV MPOs for the 2008 Ozone Conformity Demonstration. Two clarification “NOTE”s 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 2013 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 2013 Conformity Analysis. The same traffic modeling and networks will be utilized for the 2008 Ozone conformity Demonstration, except for the additional attainment year of 2032.
  - a. While the San Joaquin Valley has recently completed an ambitious effort to update and improve each of the MPO traffic models, the models continue to be refined. It is currently anticipated that the models and validation/calibration report will be officially adopted as part of the 2014 RTP.
2. Air Quality Modeling: While ARB has released EMFAC 2011, it has not been approved by EPA for use in conformity analysis. As a result, in accordance with Section 93.111 the latest emission estimation model (EMFAC 2007) will be used in the 2008 Ozone Conformity Demonstration. The EPA approved methodology for updating the default vehicle activity data will also be used consistent with the 2013 Conformity Analysis.

3. Procedures for Regional Emissions Estimates: All SJV MPOs will develop a new 2032 attainment year transportation network using the currently approved latest planning assumptions and transportation model. The resulting transportation data (VMT by speed bin) will be processed using the 2013 FTIP conformity procedures; interagency consultation was conducted on these procedures in February 2012. The following updates will be used for the 2008 Ozone Conformity demonstration:
  - a. Updated 2013 adjust\_VMT sheet: new attainment year for 2008 Ozone standard
  - b. Updated 2013 Conformity EMFAC Spreadsheet: new attainment year for 2008 Ozone standard
  - c. Updated 2013 Totals Spreadsheet: new demonstration for 2008 Ozone standard

NOTE: for those MPOs processing a concurrent regionally significant amendment, the entire 2013 FTIP analysis will be revised using the 2013 FTIP conformity procedures in addition to the updated information provided above for the 2008 Ozone Conformity Demonstration.

4. Transportation Control Measures: As part of the 2008 Ozone Conformity Demonstration, the SJV MPOs will update the Project TID table and RACM TID table contained in Appendix D of the federally approved 2013 FTIP/2011 RTP (as amended if applicable). Since there is no “new” RTP development with the 2008 Ozone Conformity Demonstration, there will be no update with respect to the inclusion of additional long-range local government control measures.
5. Interagency Consultation / CMAQ Policy: The San Joaquin Valley MPO CMAQ policy contains language that says the cost-effectiveness threshold will be evaluated with every FTIP; whereas, the policy itself is to be reviewed with every RTP. The threshold was reviewed through interagency consultation in April 2012 as part of the 2013 FTIP development. Since the 2008 Ozone Conformity Demonstration does not include a new TIP and/or RTP, there will be no update for the CMAQ policy.
6. Conformity Documentation: A modified draft boilerplate document will be prepared to address the 2008 Ozone conformity demonstration only. The following updates will be included:
  - a. Update Table 1-5 to include additional attainment year 2032
  - b. Update Table 2-2 to include traffic data for additional attainment year 2032
  - c. Update Table 6-1 to include new 2008 Ozone standard conformity demonstration
  - d. Update Appendix B:
    - i. reflect any amendments processed to date for the Exempt Project Listing, and
    - ii. add additional attainment year 2032 to the Regionally significant project list
  - e. Update Appendix C:

- i. Updated 2013 adjust\_VMT Spreadsheet
- ii. Updated Conformity EMFAC Spreadsheet
- iii. Updated 2013 Conformity Totals Spreadsheet
- f. Update Appendix D:
  - i. Project TID table
  - ii. RACM TID table
- g. Update Appendix E:
  - i. Notice of Public Meeting/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 2008 Ozone Conformity Demonstration will rely on the federally approved previous emissions analysis for carbon monoxide, PM-10, and PM2.5. The 2013 FTIP / 2011 RTP (as amended if applicable) and corresponding conformity analysis was federally approved December 14, 2012. For this 2008 Ozone 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,
- 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 [INSERT AGENCY] MPO re-affirms that the 2013 TIP and 2011 RTP (as amended if applicable) are fiscally constrained with DOT's metropolitan planning regulations at 23 CFR Part 450.

NOTE: for those MPOs processing a concurrent regionally significant amendment, the entire 2013 FTIP Conformity Analysis document (July 2012) will be revised using track changes to incorporate both the amendment and the updated information provided above for the 2008 Ozone Conformity Demonstration.

Please contact me if you have questions or need additional information. Comments are due by COB, Friday, January 25, 2013.

ADDITIONAL REFERENCES:

EPA, 2012. Transportation Conformity Guidance for 2008 Ozone Nonattainment Areas. U.S. Environmental Protection Agency. EPA-420-B-12-045. July 2012.

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.

## **APPENDIX D**

### **2008 OZONE CONFORMITY ANALYSIS DOCUMENTATION**

- Updated 2013 adjust\_VMT sheet: new attainment year for 2008 Ozone standard
- Updated 2013 Conformity EMFAC Spreadsheet: new attainment year for 2008 Ozone standard
- Updated 2013 Conformity Totals spreadsheet



Kern COG (MD portion) 2013 Conformity, 2008 Ozone Standard

Variable	Source	Analysis Year		
		2015	2025	2035
EDP	EMFAC 2007	141,868	180,038	218,149
EVMT	EMFAC 2007	6,866,440	8,584,790	10,136,643
MVMT	TPA Model	4,588,113	5,842,857	7,632,569
N	Calculated	94,795	122,535	164,259
<b>N = New Population</b>				
<b>EDP = EMFAC Default Population</b>				
<b>MVMT = Modeled VMT</b>				
<b>EVMT = EMFAC Default VMT</b>				

- Updated 2013 Conformity EMFAC Spreadsheet: new attainment year for 2008 Ozone standard

2013 Conformity Analysis, 2008 Ozone Standard Kern County  
EMFAC Emission Estimates

EMFAC Emissions (tons/day)											
KERN (SJV)											
Pollutant	Source	Description									
			2014	2017	2020	2023	2025	2032	2035		
Ozone	EMFAC 2010 (Summer Run)	ROG Total Exhaust (All Vehicles Total)	12.08	10.34	9.10	8.32	8.03	7.47	7.59		
	Existing Local Reductions	Rule 9310 (School Buses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Existing State Reductions	Carl Moyer Program & AB 1493 GHG Standards	0.01	0.01	0.00	0.00	0.00	0.00	0.00		
	New/Proposed Local Reductions	Rule 9410 (Employer Based Trip Reduction)	0.21	0.14	0.19	0.18	0.18	0.18	0.18		
	New/Proposed State Reductions	Smog Check, RFG & Truck Model	3.68	2.85	2.01	1.43	1.43	1.43	1.43		
		<b>Conformity Total</b>	<b>8.18</b>	<b>7.34</b>	<b>6.90</b>	<b>6.71</b>	<b>6.42</b>	<b>5.86</b>	<b>5.98</b>		
Ozone	EMFAC 2010 (Summer Run)	NOx Total Exhaust (All Vehicles Total)	63.82	49.72	39.34	33.22	30.96	27.99	28.79		
	Existing Local Reductions	Rule 9310 (School Buses)	0.04	0.09	0.08	0.07	0.07	0.07	0.07		
	Existing State Reductions	Carl Moyer Program & AB 1493 GHG Standards	0.12	0.08	0.00	0.00	0.00	0.00	0.00		
	New/Proposed Local Reductions	Rule 9410 (Employer Based Trip Reduction)	0.19	0.16	0.13	0.10	0.10	0.10	0.10		
	New/Proposed State Reductions	Smog Check & Truck Model	27.76	23.78	19.39	18.86	18.86	18.86	18.86		
		<b>Conformity Total</b>	<b>35.71</b>	<b>25.61</b>	<b>19.74</b>	<b>14.19</b>	<b>11.93</b>	<b>8.96</b>	<b>9.76</b>		

2013 Conformity Analysis, 2008 Ozone Standard Kern County – Other  
EMFAC Emission Estimates

Pollutant	Source	Description	2015	2025	2035
Ozone	EMFAC 2007 (Summer Run)	ROG Total Exhaust (All Vehicles Total)	2.51	1.87	2.06
	ARB	Reflash, Public Fleet, Idling, AB 1493, Moyer	0.01	0.01	0.01
		<b>Conformity Total</b>	2.50	1.86	2.05
Ozone	EMFAC 2007 (Summer Run)	NOx Total Exhaust (All Vehicles Total)	10.36	6.14	5.82
	ARB	Reflash, Public Fleet, Idling, AB 1493, Moyer	1.21	1.21	1.21
		<b>Conformity Total</b>	9.15	4.93	4.61

- Updated 2013 Conformity Totals spreadsheet

2013 Conformity Analysis, 2008 Ozone Standard Kern County  
Summary of Total Emissions

2013 Conformity Results Summary -- KERN					
		ROG (tons/day)	NOx (tons/day)		
				ROG	NOx
2008 Ozone	2014 Budget	9.7	42.7		
	2014	8.2	35.7	YES	YES
	2017 Budget	8.7	31.7		
	2017	7.3	25.5	YES	YES
	2020 Budget	8.2	25.1		
	2020	6.9	19.7	YES	YES
	2023 Budget	7.9	18.6		
	2023	6.7	14.2	YES	YES
	2025	6.4	11.9	YES	YES
	2032	5.9	9.0	YES	YES
	2035	6.0	9.8	YES	YES

2013 Conformity Analysis, 2008 Ozone Standard Kern County – Other  
Summary of Total Emissions

<b>2013 Conformity Results Summary -- KERN (Mojave Desert)</b>					
<b>Pollutant</b>	<b>Scenario</b>	<b>Emissions Total</b>		<b>DID YOU PASS?</b>	
		<b>ROG (tons/day)</b>	<b>NOx (tons/day)</b>	<b>ROG</b>	<b>NOx</b>
<b>2008 Ozone</b>	2008 Budget	5	18		
	2015	3	9	YES	YES
	2025	2	5	YES	YES
	2035	2	5	YES	YES

**APPENDIX E**

**TIMELY IMPLEMENTATION DOCUMENTATION  
FOR TRANSPORTATION CONTROL MEASURES**

Kern COG  
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>2011 Implementation Status</u>  (as of 4/12)	<u>2013 Conformity Update, 2008 Ozone Standard</u>  (as of 2/13)
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 COG  
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>2011 Implementation Status</u>	<u>2013 Conformity Update, 2008 Ozone Standard</u>
								(as of 4/12)	(as of 2/13)
					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 COG  
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>2011 Implementation Status</u>  (as of 4/12)	<u>2013 Conformity Update, 2008 Ozone Standard</u>  (as of 2/13)
					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 HALEY 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 COG  
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>2011 Implementation Status</u>	<u>2013 Conformity Update, 2008 Ozone Standard</u>
								(as of 4/12)	(as of 2/13)
					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 is complete. Phases 2, 3, 4, 5 and 6 are under construction.	Phase 1 is complete. Phases 2, 3, 4, 5 and 6 are under construction.
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 COG  
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>2011 Implementation Status</u>  (as of 4/12)	<u>2013 Conformity Update, 2008 Ozone Standard</u>  (as of 2/13)
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 COG  
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>2011 Implementation Status</u>  (as of 4/12)	<u>2013 Conformity Update, 2008 Ozone Standard</u>  (as of 2/13)
					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 COG  
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>2011 Implementation Status</u> (as of 4/12)	<u>2013 Conformity Update, 2008 Ozone Standard</u> (as of 2/13)
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 COG  
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>2011 Implementation Status</u>  (as of 4/12)	<u>2013 Conformity Update, 2008 Ozone Standard</u>  (as of 2/13)
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 MARCH 2013 CONFORMITY ANALYSIS**

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>2011 Implementation Status</u> (as of 4/12)	<u>2013 Conformity Update, 2008 Ozone Standard</u> (as of 2/13)
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.	Projects prior to 2007 complete (see Project TID Table). Westside Parkway will continue to be tracked.
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. Kern County is updating the Bikeway Master Plan with the assistance of Kern COG. The County of Kern continues to seek grant opportunities for pedestrian and bicycle projects.	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.

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*KERN COUNCIL OF GOVERNMENTS MARCH 2013 CONFORMITY ANALYSIS*

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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>2011 Implementation Status</u>	<u>2013 Conformity Update, 2008 Ozone Standard</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 MEETING PROCESS DOCUMENTATION**

**NOTICE OF PUBLIC HEARING ON THE  
DRAFT 2013 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM  
AMENDMENT #4 , DRAFT 2011 REGIONAL TRANSPORTATION PLAN  
AMENDMENT #4, AND DRAFT 2008 OZONE CONFORMITY ANALYSIS**

NOTICE IS HEREBY GIVEN that the Kern Council of Governments will hold a public hearing at 6:30 P.M. April 18, 2013 at Kern COG's office, 1401 19<sup>th</sup> Street, Suite 300, Bakersfield, CA 93301 regarding the Draft 2013 Federal Transportation Improvement Program Amendment #4 (2013 FTIP Amendment #4), Draft 2011 Regional Transportation Plan Amendment #4 (2011 RTP Amendment #4), and Draft 2008 Ozone Conformity Analysis. The hearing is intended to receive public comments.

- The 2013 FTIP is a listing of capital improvement and operational expenditures that use federal and state monies for transportation projects in Kern County during the next four years. The Draft 2013 FTIP Amendment #4 includes updates to the Thomas Roads Improvement Program.
- The RTP is a long-term strategy to meet Kern County's transportation needs through 2035. The 2011 RTP Amendment #4 includes updates to the Thomas Roads Improvement Program. The amendment changes are consistent with the design concept, scope or schedule of the existing regionally significant projects, and do not change the overall time frame of the transportation plan. Revisions do not require an EIR addendum because they do not impact conformity analysis years.
- The Draft 2008 Ozone Conformity Analysis contains the documentation to support a finding that the Draft 2013 FTIP Amendment #4 and Draft 2011 RTP Amendment #4 meet the air quality conformity requirements for carbon monoxide, ozone and particulate matter.

Individuals with disabilities may call Kern Council of Governments at 661/861-2191 (or TTY: 661/832-7433, or TDD: 800/874-9436) 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 on March 25, 2013 and conclude April 23, 2013. The draft documents are available for review at the Kern COG office, located at 1401 19<sup>th</sup> Street, Suite 300, Bakersfield, CA 93301 and on the Kern COG website at [www.kerncog.org](http://www.kerncog.org)

Public comments are welcomed at the hearing, or may be submitted in writing by 5 P.M. on April 23, 2013 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 P.M. May 16, 2013. The documents will then be submitted to state and federal agencies for approval.

Contact Person: Ahron Hakimi, Executive Director  
Kern Council of Governments  
1401 19<sup>th</sup> Street, Bakersfield, CA 93301  
661/861-2191

BEFORE THE KERN COUNCIL OF GOVERNMENTS

STATE OF CALIFORNIA, COUNTY OF KERN

RESOLUTION NO. XX

In the matter of:

2013 Federal Transportation Improvement Program Amendment #4, 2011 Regional Transportation Plan Amendment #4, and 2008 Ozone Conformity Analysis

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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 2011 Regional Transportation Plan Amendment #4 (2011 RTP Amendment #4 ) has been prepared in full compliance with federal guidance; and

WHEREAS, a 2011 Regional Transportation Plan Amendment #4 has been prepared in accordance with state guidelines adopted by the California Transportation Commission; and

WHEREAS, to the 2013 Federal Transportation Improvement Program Amendment #4 (2013 FTIP Amendment #4) and 2011 RTP Amendment #4 have 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 the Kern Council of Governments forum and general public involvement; and

WHEREAS, 2013 FTIP Amendment #4 program listing is consistent with: 1) the 2011 RTP Amendment #4; 2) the 2012 State Transportation Improvement Program; and 3) the 2008 Ozone Conformity Analysis; and

WHEREAS, 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 contain the MPO's certification of the transportation planning process assuring that all federal requirements have been fulfilled; and

WHEREAS, 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 meet all applicable transportation planning requirements per 23 CFR Part 450.

WHEREAS, projects submitted in 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 must be financially constrained and the financial plan affirms that funding is available; and

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

WHEREAS, the 2008 Ozone Conformity Analysis supports a finding that the 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 meet the air quality conformity requirements for carbon monoxide, ozone and particulate matter; and

WHEREAS, the 2008 Ozone Conformity Analysis relies on the federally approved previous emissions analysis for carbon monoxide, PM 10 and PM 2.5; and

WHEREAS, 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 do not interfere with the timely implementation of the Transportation Control Measures; and

WHEREAS, 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 conform to the applicable SIPs; and

WHEREAS, the documents have been widely circulated and reviewed by Kern COG 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 April 18, 2013 to hear and consider comments on 2013 FTIP Amendment #4, 2011 RTP Amendment #4, and 2008 Ozone Conformity Analysis; and

NOW, THEREFORE, BE IT RESOLVED, that Kern COG adopts 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 and 2008 Ozone Conformity Analysis.

BE IT FURTHER RESOLVED, that the Kern COG finds that 2013 FTIP Amendment #4 and 2011 RTP Amendment #4 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 16<sup>TH</sup> DAY OF MAY 2013.

AYES:

NOES:

ABSTAIN:

ABSENT:

\_\_\_\_\_  
Harold Hanson, Chairman  
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 16<sup>th</sup> day of May 2013.

\_\_\_\_\_  
Ahron Hakimi, Executive Director  
Kern Council of Governments

\_\_\_\_\_  
Date:

**APPENDIX G**  
**RESPONSE TO PUBLIC COMMENTS**