# **Appendix K** Air Quality

K1: Regional Conformity

**K2: POAQC Determination** 

K3: FHWA Concurrence for Project Level Conformity Finding

# K1: Regional Conformity

# TRANSPORTATION PROJECT LIST SYMPTOTICS PROJECT LIST SYMPTOTICS TO STATION TO STATION

SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



FRAMEWORK	
FTIP PROJECTS	
FINANCIALLY-CONSTRAINED RTP/SCS PROJECTS	103
ADDITIONAL TRANSPORTATION SYSTEMS MANAGEMENT (TSM) PROJECTS (INCLUDED IN RTP ID 7120005)	325
STRATEGIC PROJECTS	323



# APPENDIX TRANSPORTATION SYSTEM I PROJECT LIST ADOPTED | APRIL 2016

TABLE 1 FTIP Projects - Continued

County	System	FTIP ID	Route #	Description Description	Project Cost (\$1,000's)
SAN BERNARDINO	STATE HIGHWAY	200803	10	I-10 AT VINEYARD AVE. INTERCHANGE. INTERCHANGE WIDENING FROM 4-6 LANES AND WIDEN ON AND OFF RAMPS TO TWO LANES, INTERSECTION IMPROVEMENTS AND ENHANCE EXISTING LANDSCAPING	\$84,000
(SAN) (BERNARDINO)	STATE HIGHWAY	20159903	10	(1-10 CORRIDOR EXPRESS LANE WIDENING (PHASE 2): IMPLEMENT 2 EXPRESS LANES IN EACH DIRECTION FROM I-10/I-15 INTERCHANGE TO CALIFORNIA (ST; IMPLEMENT 1 EXPRESS LANE IN EACH DIRECTION FROM CALIFORNIA ST TO FORD STREET IN REDLANDS FOR A TOTAL OF 10-12 LANES, AND AUX LANES, UNDERCROSSINGS, OVERCROSSINGS, RAMP RECONSTRUCTION AND LANE TRANSITIONS WHERE NEEDED.	\$1,246,642
SAN BERNARDINO	STATE HIGHWAY	20150302	10	IN FONTANA: I-10 @ BEECH AVE; CONSTRUCT NEW 4 LANE INTERCHANGE (2 LNS EACH DIRECTION)(PA&ED ONLY)	\$426
SAN BERNARDINO	STATE HIGHWAY	34090	10	IN FONTANA AT ALDER AVENUE CONSTRUCT 4 LANE INTERCHANGE (2 LANES IN EACH DIRECTION.)	\$99,105
SAN BERNARDINO	STATE HIGHWAY	1830	10	I-10 AT CEDAR AVE. BETWEEN SLOVER AND VALLEY- RECONSTRUCT I/C-WIDEN FROM 4-6 LANES WITH LEFT AND RIGHT TURN LANES. ADD AUX LANE ON E/B ON AND OFF RAMPS	\$62,930
SAN BERNARDINO	STATE HIGHWAY	SBD41339	10	I-10/PEPPER IC: WIDEN BRIDGE FROM FIVE TO SIX LANES TO PROVIDE FOR ONE ADDITIONAL SOUTHBOUND TURN LANE AND ADD AUXILIARY LANES TO FREEWAY	\$39,815
SAN BERNARDINO	STATE HIGHWAY	44811	10	I-10 TIPPECANOE INTERCHANGE ADD EASTBOUND OFF-RAMP AUXILIARY LN FROM WATERMAN ON-RAMP TO TIPPECANOE OFF-RAMP AND WIDEN BRIDGE (NON-CAPACITY)(FORMERLY PART OF RTP ID 44810)	\$21,503
SAN BERNARDINO	STATE HIGHWAY	44812	10	I-10 TIPPECANOE RECONFIGURE INTERCHANGE & LOCAL RD IMP/MOD (HP 1366)(WESTBOUND - PHASE II)(FORMERLY PART OF RTP ID 44810)	\$57,358
SAN BERNARDINO	STATE HIGHWAY	20159907	10	I-10/ALABAMA ST IC: WIDEN OVERCROSSING TO 2-3 LANES EACH DIRECTION AND RECONFIGURE RAMPS.	\$10,968
SAN BERNARDINO	STATE HIGHWAY	20131504	10	I-10 @ UNIVERSITY ST INTERCHANGE: INTERSECTION IMPROVEMENTS WITH ON/OFF RAMP WIDENING. (NO CAPACITY ENHANCEMENTS)	\$5,100
SAN BERNARDINO	STATE HIGHWAY	200432	10	AT I-10 AND FORD ST. ON RAMP TO THE FREEWAY - SIGNAL AND INTERSECTIONS IMPROVEMENTS	\$700
(SAN) BERNARDINO	STATE HIGHWAY	20159902	10	(I-10 CORRIDOR EXPRESS LANE WIDENING (PHASE 1): FROM SAN ANTONIO AVE TO I-10/I-15 IC; IMPLEMENT 2 EXPRESS LNS IN EACH DIRECTION FOR A TOTAL OF 4 GENERAL PURPOSE AND 2 EXPRESS LNS IN EACH DIRECTION AND AUX LANE WIDENING, UNDERCROSSINGS, OVERCROSSINGS, AND RECONSTRUCTION OF RAMPS AND LANE TRANSITIONS WHERE NEEDED.	\$681,919
SAN BERNARDINO	STATE HIGHWAY	35556	15	IN THE CITY OF VICTORVILLE FROM 0.5 MILES NORTH OF MOJAVE DRIVE TO 1.5 NORTH OF EXISTING STODDARD WELLS ROAD OVERCROSSING. RECONSTRUCT D/E/STODDARD WELLS RD ICS. WIDEN BRIDGES (NO NEW LANES). CONSTRUCT NEW COLLECTOR DISTRIBUTOR RD OVER D/E/AND BNSF RR TO PARRALLEL I-15 NB INCLUDES ITS OWN BRIDGE. RECONST/REALIGN EAST/WEST FRONTAGE RDS. CONST NEW AUX LN. (REFER TO MODELING DETAILS) (CA061)	\$119,325
SAN BERNARDINO	STATE HIGHWAY	20159901	15	I-15 EXPRESS LANES: CONST 1 NEW EXPRESS LANES IN EACH DIRECTION FROM CANTU GALLEANO RANCH RD TO SR-210 (SEPARATE RCTC PROJECT PROPOSES ADDITIONAL EXP LN EACH DIRECTION, BRINGING THE TOTAL TO TWO LNS EACH DIRECTION, FOR THIS SEGMENT), CONST 1 EXPRESS LANE EACH DIRECTION FROM SR-210 TO DUNCAN CANYON RD. ADDITIONAL IMPROVEMENTS TO, AUX LN WIDENING, UNDERCROSSINGS, OVERCROSSINGS, AND RECONSTRUCTION OF RAMPS AND LANE TRANSITIONS WHERE NEEDED.	\$476,950
SAN BERNARDINO	STATE HIGHWAY	200048	15	I-15 AT BASELINE INTERCHANGE - FROM 1,800 N/O BASELINE TO 2,400FT S/O; 1800FT W/O EAST AVE. TO 1500FT E/O EAST AVE-WIDEN RAMPS (INCLUDING BRIDGES), WIDEN BASELINE RD. FROM 4-6 LNS, WIDEN EAST AVE. FROM 2-4 LNS, REALIGN AND WIDEN S/B AND N/B DIAMOND RAMPS FROM 1-2 LNS (INCLUDG BRIDGES, AD S.B LOOP ON-RAMP (INCL BRIDGES) ADD I-15 ACCEL/DECEL LNS, AND OPERATIONAL IMPRVMNTS (EA497100)(CA435)	\$57,504
SAN BERNARDINO	STATE HIGHWAY	20061201	15	$I-15/I-215\ I/C\ IMPROVMTS-DEVORE\ I/C\ S/O\ GLEN\ HELEN\ PARKWY\ TO\ N/O\ KENWOOD\ \&\ I-215\ FROM\ S/O\ DEVORE\ RD.\ I/C\ TO\ I-15\ (16.0-17.8)\ ADD\ 1\ M/F\ LN\ IN\ EAD IN\ S/O\ S/O\ S/O\ S/O\ S/O\ S/O\ S/O\ S/O$	\$324,669
SAN BERNARDINO	STATE HIGHWAY	SBD031279	15	IN HESPERIA AT I-15 AND RANCHERO ROAD - CONSTRUCT 6 LANE INTERCHANGE WITH LEFT AND RIGHT TURN LANES, INCLUDING 1300 FT. AUX LANE PRIOR TO N/B OFF RAMP AND 3200 FT. AUX LANE FROM TO S/B LOOP ON RAMP	\$64,346

TABLE 2 Financially-Constrained RTP/SCS Projects - Continued

System	Lead Agency	RTPID	Route #	Route Name	From	То	Description	Completion Year	Project Cost (\$1,000's)
County: San Be	ernardino								
STATE HIGHWAY	SAN BERNARDINO ASSOCIATED GOVERNMENTS (SANBAG)	SBD031269	10	I-10	I-10	BEECH AVE	I-10 @ BEECH AVENUE - CONSTRUCT NEW INTERCHANGE WITH 4-LANE OVERCROSSING	2035	\$157,023
STATE HIGHWAY	SAN BERNARDINO COUNTY	SBD41339- 20130102	10				REPLACE PEPPER AVENUE BRIDGE STRUCTURE OVER I-10 WIDEN FROM 3-5 LANES TO PROVIDE FOR ONE ADDITIONAL THROUGH LANE, ONE ADDITIONAL SOUTHBOUND TURN LANE AND CONSTRUCT MINOR RAMP IMPROVEMENTS, MINOR ARTERIAL STREET IMPROVEMENTS, AND ANCILLARY IMPROVEMENTS. (TOLL CREDITS TO BE USED: CON FY14/15 \$1,419K)	2017	\$10,708
STATE HIGHWAY	SANBAG	4122004- 20159902	10				(I-10 CORRIDOR EXPRESS LANE WIDENING (PHASE) (1): FROM SAN ANTONIO AVE TO I-10/I-15 IC; (IMPLEMENT 2 EXPRESS LNS IN EACH DIRECTION) (FOR A TOTAL OF 4 GENERAL PURPOSE AND 2) (EXPRESS LNS IN EACH DIRECTION AND AUX LANE) (WIDENING, UNDERCROSSINGS, OVERCROSSINGS, AND RECONSTRUCTION OF RAMPS AND LANE) (TRANSITIONS WHERE NEEDED.)	2022	\$681,919
STATE HIGHWAY	SANBAG	4120005- 20159903	10				I-10 CORRIDOR EXPRESS LANE WIDENING (PHASE 2): IMPLEMENT 2 EXPRESS LANES IN EACH) DIRECTION FROM I-10/I-15 INTERCHANGE TO CALIFORNIA ST; IMPLEMENT 1 EXPRESS LANE IN EACH DIRECTION FROM CALIFORNIA ST TO FORD STREET IN REDLANDS FOR A TOTAL OF 10- 12 LANES, AND AUX LANES, UNDERCROSSINGS, OVERCROSSINGS, RAMP RECONSTRUCTION AND LANE TRANSITIONS WHERE NEEDED	2024	\$1,246,642
STATE HIGHWAY	SANBAG	44810-44811	10				I-10 TIPPECANOE INTERCHANGE ADD EASTBOUND OFF-RAMP AUXILIARY LN FROM WATERMAN ON-RAMP TO TIPPECANOE OFF-RAMP AND WIDEN BRIDGE (NON-CAPACITY)(FORMERLY PART OF RTP ID 44810)	2015	\$21,503
STATE HIGHWAY	SANBAG	44810-44812	10				I-10 TIPPECANOE RECONFIGURE INTERCHANGE & LOCAL RD IMP/MOD (HP 1366)(WESTBOUND - PHASE II)(FORMERLY PART OF RTP ID 44810)	2015	\$57,358

### FINAL

# 2017 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM



PROJECT LISTING
VOLUME III OF III
PART A

FY 2016/17 - 2021/22 September 2016



### Final 2017 Federal Transportation Improvement Program

San Bernardino County Project Listing State Highway (In \$000`s)

ProjectID 20159906	County	Air Basin	Model	RTF	P ID	Program	Route	Begin	End	System	Conformity C	Category	Amendn	nent
	San Bernardino	SCAB		4M07002	.=	CAY75	10	.25	1.1	,	ON-EXEMPT	alogo.y	0	
Description	า:							PTC	36.730	Agency S.	ANBAG			
	TE VISTA AVE IMPR	OVEMENTS: U	NDFRCROS	SSING WIDEN	NING 4-6 I N	S AND RAM	IP IMPRO	OVEMENTS	3	3: 1)				
Fund		ENG	R/W	CON	Total	Prior		2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Tota
DEVELOPE	R FEES	669	1,666	6,517	8,852				669	8,183				8,852
SBD CO ME	ASURE I	2,106	5,248	20,524	27,878				2,106	25,772	2			27,878
20159906	Total	2,775	6,914	27,041	36,730				2,775	33,955	5			36,730
ProjectID	County	Air Basin	Model	RTF	PID	Program	Route	Begin	End	System	Conformity C	Category	Amendm	nent
2002160	San Bernardino	SCAB		2002160		CARH3	10	3.8	5.6	S N	ON-EXEMPT		0	
Description	า:							PTC	128,000	Agency O	NTARIO			
	ROVE AVE AND 4TH										HANGE; WIDE	N THE EXISTI	NG 4TH ST	
	ROSSING (2-4 LNS)													
Fund		ENG	R/W	CON	Total	Prior	2	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Tota
DEMO-SAFE		498			498	498								498
INTERSTAT DISCRETIO	E MAINT. NARY - H.R. 2764	475			475	475								475
DISCRETIO		950			950	950								950
DEVELOPE		481	7,797		8,278	481						7,797		8,278
SBD CO ME		37,799			37,799							37,799		37,799
2002160 T	otal	40,203	7,797		48,000	2,404						45,596		48,000
ProjectID	County	Air Basin	Model	RTF	PID	Program	Route	Begin	End	System	Conformity C	Category	Amendm	nent
200803	San Bernardino	SCAB		200803		CARH3	10	5.87	6.37	S N	ON-EXEMPT		0	
Description	า:							PTC	84,000	Agency O	NTARIO			
	NEYARD AVE. INTE LANDSCAPING	RCHANGE. INT	ERCHANGE	E WIDENING	FROM 4-6 L	ANES AND	WIDEN	ON AND OF	FF RAMPS TO	TWO LANES,	INTERSECTION	IMPROVEME	NTS AND ENH	ANCE
Fund		ENG	R/W	CON	Total	Prior	2	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Tota
DEVELOPE		3,210			3,210	1,070		1,070	1,070					3,210
SBD CO ME		2,139			2,139	713		713	713					2,139
200803 To	tal	5,349			5,349	1,783		1,783	1,783					5,349
ProjectID	County	Air Basin	Model	RTF	PID	Program	Route	Begin	End	System	Conformity C	Category	Amendm	nent
20159903	San Bernardino	SCAB		4122005		CAXT9	10	10	37		CM)		0	
	<del></del>							PTC			ANBAG			
Description		NE WIDENING	(PHASE 2):	IMPLEMEN	T 2 EXPRES	S LANES IN	EACH	DIRECTION	I FROM I-10/I-1	5 INTERCHAN	GE TO CALIFOR	RNIA ST; IMP	LEMENT 1 EXP	RESS
Description	RIDOR EXPRESS LA				. I INI R E I NI A	NDS FOR A	IOIAL	OF 10-12 L	ANES, AND AL	JX LANES, UN	DERCROSSING	S, OVERCRO	SSINGS. RAME	<u>'</u>
Description I-10 CORR LANE IN E	ACH DIRECTION FI	ROM CALIFORI			. I IIVIKEDEA									
Description I-10 CORR LANE IN E	RIDOR EXPRESS LA FACH DIRECTION FI FRUCTION AND LAN	ROM CALIFORI			Total		2	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021		Tota
Description I-10 CORR LANE IN E RECONST	ACH DIRECTION FI	ROM CALIFORI IE TRANSITION	IS WHERE I	NEEDED.			(2	2016/2017	2017/2018	2018/2019		2020/2021	2021/2022	Tota 52,977
Description I-10 CORR LANE IN E RECONST Fund	ACH DIRECTION FI RUCTION AND LAN	ROM CALIFORI IE TRANSITION	IS WHERE I	NEEDED. CON	Total	Prior	(2	2016/2017	2017/2018					
Description I-10 CORR LANE IN E RECONST Fund CMAQ	ACH DIRECTION FIT TRUCTION AND LAND LAND LAND LAND LAND LAND LAND	ROM CALIFORI IE TRANSITION	IS WHERE I	NEEDED. CON 52,977	Total 52,977	Prior	(2	2016/2017	2017/2018		5)	18,918	2021/2022 22,754	52,977

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20131504 Total

440

260

4,400

5,100

### Final 2017 Federal Transportation Improvement Program

San Bernardino County Project Listing State Highway (In \$000`s)

						, ,	,							
Tolls				533,348	533,348						,348			533,348
SBD CO MEA				594,651	594,651						<mark>,651</mark>			594,651
20159903 T	<mark>Total</mark>			1,246,642	1,246,642					1,246	,642			1,246,642
ProjectID	County	Air Basin	Model	RTI	P ID	Program	Route	Begin	End	System	Conformity (	Category	Amend	ment
34090	San Bernardino	SCAB		34090		CAX70	10	16.9	17.9	S	NON-EXEMPT		0	
Description:								PTC	99,105	Agency	FONTANA			
IN FONTAN	IA AT ALDER AVEN	NUE CONSTRU	JCT 4 LANE I	INTERCHAN	IGE (2 LANE	S IN EACH	DIRECTI	ON.)						
Fund		ENG	R/W	CON	Total	Prior		2016/2017	2017/2018	2018/2	2019 2019/2020	2020/2021	2021/2022	Total
CITY FUNDS	}	1,016			1,016							266	750	1,016
SBD CO MEA	ASURE I	750			750								750	750
34090 Total		1,766			1,766							266	1,500	1,766
ProjectID	County	Air Basin	Model	RTI	P ID	Program	Route	Begin	End	System	Conformity (	Category	Amend	ment
1830	San Bernardino	SCAB		1830		CARH3	10		19.3	Š	NON-EXEMPT	<u> </u>	0	
Description:								PTC	62,930	Agency	VARIOUS AGENO	CIES		
		N SLOVER AN	ND VALLEY- I	RECONSTR	UCT I/C-WID	EN FROM 4	4-6 LANE	S WITH LE			NES. ADD AUX LAN	JE ON E/B ON	AND OFF RA	MPS
Fund		ENG	R/W	CON	Total			2016/2017	2017/2018	2018/2		2020/2021	2021/2022	Total
STP LOCAL		4,000	200	00	4,200			20.0/20.1		20.07	20.00 20.072020			4,200
COUNTY		1,300			1,300									1,300
DEVELOPER	R FEES	1,000	515	13,569	14,084	515		13,569						14,084
SBD CO MEA	ASURE I		11,685	31,661	43,346	11,685		31,661						43,346
1830 Total		5,300	12,400	45,230	62,930	17,700		45,230						62,930
ProjectID	County	Air Basin	Model	RTI	P ID	Program	Route	Begin	End	System	Conformity (	Category	Amend	lment
20159907	San Bernardino	SCAB		4M01025		CAX63	10	28.75	30	S	NON-EXEMPT		0	
Description:	•							PTC	10,968	Agency	SANBAG			
I-10/ALABA	MA ST IC: WIDEN	OVERCROSSII	NG TO 2-3 LA	ANES EACH	DIRECTION	AND RECO	ONFIGUE	RE RAMPS.						
Fund		ENG	R/W	CON	Total	Prior		2016/2017	2017/2018	2018/2	2019 2019/2020	2020/2021	2021/2022	Total
DEVELOPER	RFEES	874	18	4,646	5,538			874	18	4	,646			5,538
SBD CO MEA	ASURE I	857	18	4,555	5,430			857	18	4	,555			5,430
20159907 T	otal	1,731	36	9,201	10,968			1,731	36	9	,201			10,968
ProjectID	County	Air Basin	Model	RTI	P ID	Program	Route	Begin	End	System	Conformity (	Category	Amend	ment
20131504	San Bernardino	SCAB		4M07003		NCRH1	10	31.56	31.59	S	EXEMPT - 93.127		0	
Description:	•							PTC	5,100	Agency	SANBAG			
I-10 @ UNI	VERSITY ST INTER	RCHANGE: INT	ERSECTION	IMPROVEM	MENTS WITH	ON/OFF RA	AMP WID	DENING. (N	o capacity enha	ancements)				
Fund		ENG	R/W	CON	Total	Prior	2	2016/2017	2017/2018	2018/2	2019 2019/2020	2020/2021	2021/2022	Total
DEVELOPER	RFEES	79	47	788	914	126			788					914
SBD CO MEA	ASURE I	361	213	3,612	4,186	574			3,612					4,186

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700

4,400

5,100



### Final 2017 Federal Transportation Improvement Program

San Bernardino County Project Listing State Highway (In \$000`s)

ProjectID	County	Air Basin	Model	RTP	ID	Program		Begin	End	System		Conformity C	ategory	Amenda	ment
20159902	San Bernardino	SCAB		4122004		CAXT9	(10)		(10)	S		1 Committed		0	
Description								PTC	681,919	Agency		IBAG			
AND 2 EXP	IDOR EXPRESS LA PRESS LNS IN EAC														
NEEDED. Fund		ENG	R/W	CON	Total	Prior	(	2016/2017	2017/2018	2018/2	019	2019/2020	2020/2021	2021/2022	Tota
CMAQ			<u> </u>	80,000	80,000			26,210	20,732		912	12,378	9,368	2,400	80,00
STP LOCAL				30,000	30,000								15,000	15,000	30,00
LOCAL ADV	ANCE							83,790	-20,732	<del>-8,</del>	912	-12,378	-24,368	-17,400	
CONSTRUC Tolls	TION			306,273	306.273				306.273						306.27
SBD CO ME	ASURE I	7,292		218.609	225,901	7,292			218,609						225,90
STATE CAS	H - RIP	27,815	11.930	(2.0,000)	39.745				39,745						39,74
20159902	Total	35,107	11,930	634,882	681,919	7,292		110,000	564,627						681,91
ProjectID	County	Air Basin	Model	RTP	ID	Program	Route	Begin	End	System		Conformity C	ategory	Amendi	ment
20159901	San Bernardino	SCAB		4122006		CAXT9	15	49.1	11	S	TCM	1		0	
Description	:							PTC	476,590	Agency	SAN	IBAG			
DUNCAN (	CANYON RD. ADDI	TIONAL IMPRO	OVEMENTS T	O, AUX LN V	VIDENING,	UNDERCRO	DSSINGS	S, OVERCRO	OSSINGS, ANI	D RECONS	TRUC	TION OF RAM	IPS AND LAN	E TRANSITION	NS WHER
NEEDED.		ENG	R/W	CON	Total	Prior		2016/2017	2017/2018	2018/2	019	2019/2020	2020/2021	2021/2022	Tota
		ENG	R/W	CON 276,841	Total 276,841	Prior	:	2016/2017	2017/2018	2018/2	019	2019/2020	2020/2021	2021/2022	
NEEDED. Fund	ASURE I	31,524	R/W 5,606			Prior 31,524		2016/2017	2017/2018	2018/2	019	2019/2020		2021/2022	276,84
NEEDED. Fund Tolls			·	276,841	276,841	31,524		2016/2017	2017/2018	2018/2	019		276,841	2021/2022	276,84 199,74
NEEDED. Fund Tolls SBD CO ME		31,524	5,606	276,841 162,619	276,841 199,749 476,590	31,524		2016/2017 Begin	2017/2018 End	System	019	5,606	276,841 162,619 439,460	2021/2022 Amenda	276,84 199,74 476,59
NEEDED. Fund Tolls SBD CO ME 20159901	Total	31,524 31,524	5,606 5,606 Model	276,841 162,619 439,460	276,841 199,749 476,590	31,524 31,524		Begin				5,606 5,606	276,841 162,619 439,460		276,84 199,74 476,59
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description	County San Bernardino	31,524 31,524 Air Basin MDAB	5,606 5,606 Model	276,841 162,619 439,460 RTP 4M01041	276,841 199,749 476,590	31,524 31,524 Program CAY70	Route 15	Begin 67 PTC	End 67.5 43,000	System S Agency	NON BAR	5,606 5,606 Conformity Conference States and the states are states as the states are states as the states are states as the states are states are states as the states are states as the states are st	276,841 162,619 439,460 ategory	Amenda 0	276,84 199,74 476,59
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTO EMERGEN	County San Bernardino	31,524 31,524 Air Basin MDAB STREET INTER	5,606 5,606 Model RCHANGE; C	276,841 162,619 439,460 RTP 4M01041	276,841 199,749 476,590 ID NEW INTEI	31,524 31,524 Program CAY70 RCHANGE. WEST OF IC	Route 15 INCLUE	Begin 67 PTC DES A 6 LN I	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA	System S Agency LI-15, 2 THF &ED ONLY)	NON BAR ROUG	5,606 5,606 Conformity Conference N-EXEMPT STOW SH LNS EACH	276,841 162,619 439,460 ategory	Amendi 0 ANES, AND	276,84 199,74 476,59 ment
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTO EMERGEN Fund	County San Bernardino  :  DW: I-15/MORTON ICY LANE. CONSTI	31,524 31,524 Air Basin MDAB STREET INTER	5,606 5,606 Model	276,841 162,619 439,460 RTP 4M01041	276,841 199,749 476,590 ID NEW INTEL DM 100 FT V	31,524 31,524 Program CAY70 RCHANGE. WEST OF IC	Route 15 INCLUE	Begin 67 PTC DES A 6 LN I TLET CENT 2016/2017	End 67.5 43,000 BRIDGE OVER	System S Agency	NON BAR ROUG	5,606 5,606 Conformity Conference States and the states are states as the states are states as the states are states as the states are states are states as the states are states as the states are st	276,841 162,619 439,460 ategory	Amenda 0	276,84 199,74 476,59 ment
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTO EMERGEN Fund CITY FUNDS	County San Bernardino  :: DW: I-15/MORTON ICY LANE. CONSTI	31,524 31,524 Air Basin MDAB STREET INTER RUCTION OF N ENG 800	5,606 5,606 Model RCHANGE; C	276,841 162,619 439,460 RTP 4M01041	276,841 199,749 476,590 ID NEW INTEL DM 100 FT V Total 800	31,524 31,524 Program CAY70 RCHANGE. WEST OF IC Prior 300	Route 15 INCLUE	Begin 67 PTC DES A 6 LN E TLET CENT 2016/2017 500	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA	System S Agency LI-15, 2 THF &ED ONLY)	NON BAR ROUG	5,606 5,606 Conformity Conference N-EXEMPT STOW SH LNS EACH	276,841 162,619 439,460 ategory	Amendi 0 ANES, AND	276,84 199,74 476,59 ment
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTO EMERGEN Fund	County San Bernardino  :: DW: I-15/MORTON ICY LANE. CONSTI	31,524 31,524 Air Basin MDAB STREET INTER	5,606 5,606 Model RCHANGE; C	276,841 162,619 439,460 RTP 4M01041	276,841 199,749 476,590 ID NEW INTEL DM 100 FT V	31,524 31,524 Program CAY70 RCHANGE. WEST OF IC Prior 300	Route 15 INCLUE	Begin 67 PTC DES A 6 LN I TLET CENT 2016/2017	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA	System S Agency LI-15, 2 THF &ED ONLY)	NON BAR ROUG	5,606 5,606 Conformity Conference N-EXEMPT STOW SH LNS EACH	276,841 162,619 439,460 ategory	Amendi 0 ANES, AND	276,84 199,74 476,59 ment
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTO EMERGEN Fund CITY FUNDS 20150015 ProjectID	County San Bernardino  DW: I-15/MORTON ICY LANE. CONSTI	31,524 31,524 Air Basin MDAB STREET INTERUCTION OF N ENG 800 800 Air Basin	5,606 5,606 Model RCHANGE; C NEW 4 LN RO R/W	276,841 162,619 439,460 RTP 4M01041 CONSTRUCT ADWAY FRO CON	276,841 199,749 476,590 ID NEW INTEI DM 100 FT \ Total 800 800	31,524 31,524 Program CAY70 RCHANGE. WEST OF IC Prior 300 300 Program	Route 15 INCLUE TO OU	Begin 67 PTC DES A 6 LN ETLET CENT 2016/2017 500 500 Begin	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA 2017/2018	System S Agency I-15, 2 THF &ED ONLY) 2018/2 System	NON BAR ROUG )	5,606 5,606  Conformity Conference STOW SH LNS EACH 2019/2020  Conformity Con	276,841 162,619 439,460 ategory WAY, TURN L	Amenda 0 ANES, AND 2021/2022	276,84 199,74 476,59 ment  Tota 80
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTO EMERGEN Fund CITY FUNDS 20150015 ProjectID	County San Bernardino  ::  DW: I-15/MORTON ICY LANE. CONSTI	31,524 31,524 Air Basin MDAB STREET INTER RUCTION OF N ENG 800 800	5,606 5,606 Model RCHANGE; C NEW 4 LN RO R/W	276,841 162,619 439,460 RTP 4M01041 CONSTRUCT ADWAY FRO	276,841 199,749 476,590 ID NEW INTEI DM 100 FT \ Total 800 800	31,524 31,524  Program CAY70  RCHANGE. WEST OF IC Prior 300 300	Route 15 INCLUE TO OU	Begin 67 PTC DES A 6 LN E TLET CENT 2016/2017 500 500 Begin 94.2	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA 2017/2018 End 94.6	System S Agency I-15, 2 THF &ED ONLY) 2018/2 System S	NON BAR ROUG ) 019	5,606 5,606 Conformity Con-EXEMPT RSTOW SH LNS EACH 2019/2020 Conformity Conformity Conf	276,841 162,619 439,460 ategory WAY, TURN L	Amenda 0 ANES, AND 2021/2022	276,84 199,74 476,59 ment  Tota 80 80
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTO EMERGEN Fund CITY FUNDS 20150015 ProjectID 20110602 Description	County San Bernardino  COUNTY San Bernardino  COUNTY COUNTY COUNTY San Bernardino  County San Bernardino	31,524 31,524 Air Basin MDAB  STREET INTERUCTION OF N ENG 800 800 Air Basin MDAB	5,606 5,606 Model RCHANGE; C NEW 4 LN RO R/W	276,841 162,619 439,460 RTP 4M01041 CONSTRUCT ADWAY FRO CON	276,841 199,749 476,590 ID NEW INTE DM 100 FT \ Total 800 800	31,524 31,524  Program CAY70  RCHANGE. WEST OF IC Prior 300 300  Program NCRH1	Route 15 INCLUE TO OU	Begin 67 PTC DES A 6 LN FTLET CENT 2016/2017 500 500  Begin 94.2 PTC	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA 2017/2018	System S Agency I-15, 2 THF &ED ONLY) 2018/2 System	NON BAR ROUG ) 019	5,606 5,606  Conformity Conference STOW SH LNS EACH 2019/2020  Conformity Con	276,841 162,619 439,460 ategory WAY, TURN L	Amenda 0 ANES, AND 2021/2022	276,84 199,74 476,59 ment  Total
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTC EMERGEN Fund CITY FUNDS 20150015 ProjectID 20110602 Description SR18 AT A	County San Bernardino  ::  DW: I-15/MORTON ICY LANE. CONSTI	31,524 31,524 Air Basin MDAB STREET INTER RUCTION OF N ENG 800 800 Air Basin MDAB	5,606 5,606  Model  RCHANGE; CONEW 4 LN RONEW 4 LN RONE	276,841 162,619 439,460 RTP 4M01041 CONSTRUCT ADWAY FRO CON RTP 4AL04	276,841 199,749 476,590 ID NEW INTE DM 100 FT \ Total 800 800	31,524 31,524  Program CAY70  RCHANGE. WEST OF IC Prior 300 300  Program NCRH1	Route 15 INCLUE: TO OU	Begin 67 PTC DES A 6 LN ETLET CENT 500 500 Begin 94.2 PTC	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA 2017/2018 End 94.6 4,650	System S Agency LI-15, 2 THF &ED ONLY) 2018/2 System S Agency	NOM BAR ROUG ) 019	5,606 5,606  Conformity Conformit	276,841 162,619 439,460 ategory WAY, TURN L 2020/2021	Amenda 0 ANES, AND 2021/2022 Amenda 0	276,84 199,74 476,59 ment  Tota 80 80
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTC EMERGEN Fund CITY FUNDS 20150015 ProjectID 20110602 Description SR18 AT A Fund	County San Bernardino  COUNTY San Bernardino  COUNTY CY LANE. CONSTI	31,524 31,524 Air Basin MDAB STREET INTER RUCTION OF N ENG 800 800 Air Basin MDAB AD INTERSECT ENG	5,606 5,606  Model  RCHANGE; CONEW 4 LN RONEW 4 LN RONE	276,841 162,619 439,460 RTP 4M01041 CONSTRUCT ADWAY FRO CON RTP 4AL04 NMENT WITH	276,841 199,749 476,590 ID  NEW INTEL OM 100 FT V Total 800 800 ID  H TURN AN Total	31,524 31,524 Program CAY70 RCHANGE. WEST OF IC Prior 300 300 Program NCRH1 D APPROAG	Route 15 INCLUE: TO OU	Begin 67 PTC DES A 6 LN ETLET CENT 500 500 Begin 94.2 PTC ES 2016/2017	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA 2017/2018 End 94.6 4,650	System S Agency LI-15, 2 THF &ED ONLY) 2018/2 System S Agency	NOM BAR ROUG ) 019	5,606 5,606 Conformity Con-EXEMPT RSTOW SH LNS EACH 2019/2020 Conformity Conformity Conf	276,841 162,619 439,460 ategory WAY, TURN L	Amenda 0 ANES, AND 2021/2022	276,84 199,74 476,599 ment  Tota 809 809
NEEDED. Fund Tolls SBD CO ME 20159901 ProjectID 20150015 Description IN BARSTC EMERGEN Fund CITY FUNDS 20150015 ProjectID 20110602 Description SR18 AT A	County San Bernardino  COUNTY San Bernardino  COUNTY CY LANE. CONSTI	31,524 31,524 Air Basin MDAB STREET INTER RUCTION OF N ENG 800 800 Air Basin MDAB	5,606 5,606  Model  RCHANGE; CONEW 4 LN RONEW 4 LN RONE	276,841 162,619 439,460 RTP 4M01041 CONSTRUCT ADWAY FRO CON RTP 4AL04	276,841 199,749 476,590 ID  NEW INTEL OM 100 FT V Total 800 800 ID	31,524 31,524 Program CAY70 RCHANGE. WEST OF IC Prior 300 300 Program NCRH1 D APPROAC	Route 15 INCLUE: TO OU	Begin 67 PTC DES A 6 LN ETLET CENT 500 500 Begin 94.2 PTC	End 67.5 43,000 BRIDGE OVER ER DRIVE (PA 2017/2018 End 94.6 4,650	System S Agency LI-15, 2 THF &ED ONLY) 2018/2 System S Agency	NOM BAR ROUG ) 019	5,606 5,606  Conformity Conformit	276,841 162,619 439,460 ategory WAY, TURN L 2020/2021	Amenda 0 ANES, AND 2021/2022 Amenda 0	Tota 800 800

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### 2015 Federal Transportation Improvement Program

San Bernardino County
State Highway
Including Amendments 1 - 21 and 23
(In \$000`s)

ProjectID	County	Air Basin	Model	RTP II	)	Program	Route	Begin	End	System	Conformity	Category	Amendn	nent
20159906	San Bernardino	SCAB	Model	4M07002		CAY75	10	.25	1.1	S	NON-EXEMPT	catogory	12	10110
Description	:							PTC	36,730	Agency	SANBAG			
I-10/MONT	E VISTA AVE IMPR	OVEMENTS: U	NDERCROS	SSING WIDENIN	IG 4-6 LN	S AND RAM	IP IMPR	OVEMENTS	3	0 ,				
Fund		ENG	R/W	CON	Total	Prior		2014/2015	2015/2016	2016/2	017 2017/2018	2018/2019	2019/2020	Tota
DEVELOPER	R FEES	669	1,666	6,517	8,852						669	8,183		8,85
SBD CO ME	ASURE I	2,106	5,248	20,524	27,878						2,106	25,772		27,87
20159906	Total	2,775	6,914	27,041	36,730						2,775	33,955		36,73
ProjectID	County	Air Basin	Model	RTP II	)	Program	Route	Begin	End	System	Conformity	Category	Amendn	nent
2002160	San Bernardino	SCAB		2002160		CARH3	10	3.8	5.6	S	NON-EXEMPT	0 ,	12	
Description	:							PTC	13,034	Agency	ONTARIO			
	OVE AVE AND 4TH OSSING (2-4 LNS)										RCHANGE; WIDE	EN THE EXISTI	NG 4TH ST	
Fund	000110 (2 4 2110)	ENG	R/W		Total	Prior		2014/2015	2015/2016		017 2017/2018	2018/2019	2019/2020	Tota
DEMO-SAFE	TEA-LU	498			498	498								49
INTERSTATI		475			475	475								47
	NARY - H.R. 2764 E MAINTENANCE	950			950	950								95
CITY FUNDS			85		85	85								8
DEVELOPER	R FEES	481	15	4,635	5,131	496		4,635						5,13°
SBD CO ME.	ASURE I			5,895	5,895			5,895						5,89
2002160 To	otal	2,404	100	10,530	13,034	2,504		10,530						13,03
ProjectID	County	Air Basin	Model	RTP II	)	Program	Route	Begin	End	System	Conformity	Category	Amendn	nent
200803	San Bernardino	SCAB		200803		CARH3	10	-	6.37	Š	NON-EXEMPT	<u> </u>	12	
Description	:							PTC	84,000	Agency	ONTARIO			
	IEYARD AVE. INTE LANDSCAPING	RCHANGE. IN	ΓERCHANG	E WIDENING FF	ROM 4-6 L	ANES AND	WIDEN	ON AND O	FF RAMPS TO	TWO LANE	S, INTERSECTION	N IMPROVEME	NTS AND ENH	ANCE
Fund		ENG	R/W	CON	Total	Prior		2014/2015	2015/2016	2016/2	017 2017/2018	2018/2019	2019/2020	Tota
DEVELOPER	R FEES	3,210			3,210				1,070	1,	070 1,070			3,21
SBD CO ME.	ASURE I	2,139			2,139				713		713 713			2,13
200803 Tot	al	5,349			5,349				1,783	1,	783 1,783			5,34
ProjectID	County	Air Basin	Model	RTP II	)	Program	Route	Begin	End	System	Conformity	Category	Amendn	nent
2 <mark>0159903</mark>	San Bernardino	SCAB		4122005		CAXT9	10	10	37	S	TCM		<mark>12</mark>	
Description								PTC	1,246,642	Agency	SANBAG			
I-10 CORR	IDOR EXPRESS LA ACH DIRECTION FI	NE WIDENING	(PHASE 2)	: IMPLEMENT 2	EXPRES	S LANES IN	N EACH I	DIRECTION OF 10-12 I	FROM I-10/I-1	5 INTERCH	ANGE TO CALIFO	RNIA ST; IMP	LEMENT 1 EXP	RESS
	RUCTION AND LAN							J. 10 12 L		J. L. II II I I I I				<u>-</u>
Fund		ENG	R/W	CON	Total	Prior		2014/2015	2015/2016	2016/2	017 2017/2018	2018/2019	2019/2020	Tota
CMAQ				29.590										29.590

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### 2015 Federal Transportation Improvement Program

San Bernardino County
State Highway
Including Amendments 1 - 21 and 23
(In \$000`s)

						(In \$0	J00 S)							
STP LOCAL	<mark>L</mark> )													
CONSTRUC				89,053	89,053							99,269	-10,216	89,053
Tolls	OTION			533,348	533,348							533,348		533,348
SBD CO ME	EASURE I			594,651	594,651							594,651		594,651
20159903	Total			1,246,642	1,246,642							1,246,642		1,246,642
ProjectID	County	Air Basin	Model	RTF	PID	Program	Route	Begin	End	System	Conformity (	Category	Amend	ment
20150302	San Bernardino	SCAB		SBD031269		STUDY	10	13.7	14.6	S	NON-EXEMPT		4	
Descriptio	n:							PTC	426	Agency	FONTANA			
IN FONTA	NA: I-10 @ BEECH	AVE; CONSTRI	UCT NEW 4	LANE INTER	CHANGE (2	LNS EACH	DIRECT	ION)(PA&E	ED ONLY)					
Fund		ENG	R/W	CON	Total	Prior	2	2014/2015	2015/2016	2016/20	17 2017/2018	2018/2019	2019/2020	Total
CITY FUND	DS .	426			426				426					426
20150302	Total	426			426				426					426
ProjectID	County	Air Basin	Model	RTF	P ID	Program	Route	Begin	End	System	Conformity (	Category	Amendi	ment
34090	San Bernardino	SCAB		34090		CAX70	10	16.9	17.9	S	NON-EXEMPT	3 ,	0	
Descriptio	n:							PTC	99,105	Agency	FONTANA			
IN FONTA	ANA AT ALDER AVEN	NUE CONSTRU	JCT 4 LANE	INTERCHAN	GE (2 LANE	S IN EACH I	DIRECTI	ON.)	,	0 ,				
Fund		ENG	R/W	CON	Total	Prior	2	2014/2015	2015/2016	2016/20	17 2017/2018	2018/2019	2019/2020	Total
CITY FUND	DS .													
SBD CO M	EASURE I													
34090 Tot	al													
ProjectID	County	Air Basin	Model	RTF	PID	Program	Route	Begin	End	System	Conformity (	Category	Amend	ment
1830	San Bernardino	SCAB		1830		CARH3	10	17.8	19.3	S	NON-EXEMPT		12	
Descriptio	n:							PTC	62,930	Agency	VARIOUS AGENO	CIES		
I-10 AT CE	EDAR AVE. BETWEE	N SLOVER AN	ND VALLEY-	RECONSTRI	JCT I/C-WID	EN FROM 4	1-6 LANE	S WITH LE	FT AND RIGHT	TURN LANE	ES. ADD AUX LAN	NE ON E/B ON	AND OFF RAM	MPS
Fund		ENG	R/W	CON	Total	Prior	2	2014/2015	2015/2016	2016/20	17 2017/2018	2018/2019	2019/2020	Total
STP LOCAL	L	4,000	200		4,200	4,000		200						4,200
COUNTY		1,300			1,300	1,300								1,300
DEVELOPE	ER FEES		515	13,569	14,084			515		13,5	69			14,084
SBD CO MI	EASURE I		11,685	31,661	43,346			11,685		31,6	61			43,346
		5,300	12,400	45,230	62,930	5,300		12,400		45,2	30			62,930
1830 Tota	U													
ProjectID	County	Air Basin	Model	RTF	P ID	Program	Route	Begin	End	System	Conformity (	Category	Amend	ment
ProjectID		Air Basin SCAB	Model	RTF SBD41339	PID	Program CARH3	Route 10	Begin 20.1	End 22	_	Conformity ( NON-EXEMPT	Category	Amenda 9	ment
ProjectID	County San Bernardino		Model		PID		10	-		Š		Category		ment
ProjectID 20130102 Descriptio REPLACE	County San Bernardino n: E PEPPER AVENUE I	SCAB BRIDGE STRU	CTURE OVE	SBD41339 ER I-10 WIDE	N FROM 3-5	CARH3	10 PROVID	20.1 PTC E FOR ON	22 10,111 IE ADDITIONAL	S Agency THROUGH I	NON-EXEMPT SANBAG LANE, ONE ADDI	TIONAL SOUT	9 HBOUND TUR	
ProjectID 20130102 Descriptio	County San Bernardino n:	SCAB BRIDGE STRU	CTURE OVE	SBD41339 ER I-10 WIDE IOR ARTERIA	N FROM 3-5	CARH3	10 PROVID ENTS, A	20.1 PTC E FOR ON	22 10,111 IE ADDITIONAL	S Agency THROUGH I	NON-EXEMPT SANBAG LANE, ONE ADDI Il Credits: FY14/15	TIONAL SOUT	9 HBOUND TUR & IMD)	

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FEDERAL LANDS HIGHWAYS PROGRAM

### 2015 Federal Transportation Improvement Program

San Bernardino County
State Highway
Including Amendments 1 - 21 and 23
(In \$000`s)

ProjectID	County	Air Basin	Model	RTP	ID	Program	Route	Begin	End	System		Conformity Ca	ategory	Amendr	nent
0159907	San Bernardino	SCAB		4M01025		CAX63	10	28.75	30	S	NON	I-EXEMPT		12	
Description	:							PTC	10,968	Agency	SAN	BAG			
I-10/ALABA	MA ST IC: WIDEN	OVERCROSSIN	NG TO 2-3 L	ANES EACH [	DIRECTION	AND RECO	NFIGUR	RE RAMPS.							
Fund		ENG	R/W	CON	Total	Prior	2	2014/2015	2015/2016	2016/20	017	2017/2018	2018/2019	2019/2020	Tot
DEVELOPER	RFEES	874	18	4,646	5,538						874	18	4,646		5,53
SBD CO ME	ASURE I	857	18	4,555	5,430						857	18	4,555		5,4
20159907	otal	1,731	36	9,201	10,968					1,	731	36	9,201		10,9
ProjectID	County	Air Basin	Model	RTP	ID	Program	Route	Begin	End	System		Conformity Ca	ategory	Amendr	nent
0131504	San Bernardino	SCAB		4M07003		NCRH1	10	31.02	31.92	S	EXE	MPT - 93.127		14	
Description	•							PTC	5,100	Agency	SAN	BAG			
I-10 @ UNI	VERSITY ST INTER	RCHANGE: INT	ERSECTION	N IMPROVEME	ENTS WITH	ON/OFF RA	AMP WID	ENING. (No	capacity enha	incements)					
Fund		ENG	R/W	CON	Total	Prior	2	2014/2015	2015/2016	2016/20	017	2017/2018	2018/2019	2019/2020	To
DEVELOPER	RFEES	79	47	788	914	79			47			788			9
SBD CO ME	ASURE I	361	213	3,612	4,186	361			213			3,612			4,1
20131504	otal	440	260	4,400	5,100	440			260			4,400			5,1
ProjectID	County	Air Basin	Model	RTP	ID	Program	Route	Begin	End	System		Conformity Ca	ategory	Amendr	nent
0159902	San Bernardino	SCAB		4122004		CAXT9	10	44.9	10	S	TCM	1)		21	
Description	<u>.</u> )							PTC	681,919	Agency	SAN	BAG			
I-10 CORR	IDOR EXPRESS LA	NE WIDENING	(PHASE 1):	FROM SAN A	NTONIO A	VE TO I-10/	I-15 IC; II	MPLEMENT	2 EXPRESS L	NS IN EAC	H DIR	ECTION FOR	A TOTAL OF	4 GENERAL P	URPOSE
	RESS LNS IN EAC				G, UNDER	CROSSING	S, OVER	CROSSING:	S, AND RECO	NSTRUCTIO	ON OF	FRAMPS AND	LANE TRANS	SITIONS WHE	RE
Fund	toll credit to match S	ENG	IN FY 15/16 R/W	-20/21) CON	Total	Prior		2014/2015	2015/2016	2016/2	017	2017/2018	2018/2019	2019/2020	To
CMAQ		LINO	17/ 77	46,305	46,305	1 1101	-	2014/2013	2013/2010		033	17,290	8,912	18,070	46,30
CIVIAG					40.303							.,			
STP LOCAL		10.000		40,000					1.615				-,		
		10,000			10,000				1,615		385		-,	23.200	10,00
STP LOCAL AGENCY LOCAL ADV		10,000		23,200 30,495					1,615 8,385		385	2,710	-1,112	23,200	10,00 23,20
STP LOCAL AGENCY LOCAL ADV CONSTRUC		10,000		23,200 30,495	10,000 23,200 30,495				,	8,:	385	,	•	,	10,00 23,20 30,49
STP LOCAL AGENCY LOCAL ADV CONSTRUC Tolls	TION			23,200 30,495 306,273	10,000 23,200 30,495 306,273			7 202	,	8,:	385	306,273	•	,	10,00 23,20 30,49 306,27
STP LOCAL AGENCY LOCAL ADV. CONSTRUC Tolls SBD CO ME.	ASURE I	7,292	14 020	23,200 30,495	10,000 23,200 30,495 306,273 225,901			7,292	,	8,:	385	306,273 218,609	•	,	10,00 23,20 30,49 306,2 225,90
STP LOCAL AGENCY LOCAL ADV. CONSTRUC Tolls SBD CO ME. STATE CASI	TION ASURE I H - RIP	7,292 27,815	11,930	23,200 30,495 306,273 218,609	10,000 23,200 30,495 306,273 225,901 39,745			,	8,385	38,	385 582	306,273 218,609 39,745	-1,112	-18,070	10,00 23,20 30,49 306,27 225,90 39,74
STP LOCAL AGENCY LOCAL ADV. CONSTRUC Tolls SBD CO ME.	TION ASURE I H - RIP	7,292	11,930 11,930	23,200 30,495 306,273	10,000 23,200 30,495 306,273 225,901			7,292 7,292	,	8,:	385 582	306,273 218,609	•	,	10,00 23,20 30,49 306,2 225,90
STP LOCAL AGENCY LOCAL ADV. CONSTRUC Tolls SBD CO ME. STATE CASI	TION ASURE I H - RIP	7,292 27,815		23,200 30,495 306,273 218,609	10,000 23,200 30,495 306,273 225,901 39,745 681,919	Program	Route	,	8,385	38,	385 582	306,273 218,609 39,745	7,800	-18,070	10,00 23,21 30,41 306,22 225,90 39,74 681,9
STP LOCAL AGENCY LOCAL ADV. CONSTRUCT TOIIS SBD CO ME. STATE CASI 20159902 T	TION ASURE I H - RIP Total	7,292 27,815 45,107	11,930	23,200 30,495 306,273 218,609 624,882	10,000 23,200 30,495 306,273 225,901 39,745 681,919	Program NCRH3	Route 15	7,292	10,000	8,: 38,: 49,:	582	306,273 218,609 39,745 584,627	7,800	-18,070	10,00 23,21 30,41 306,22 225,90 39,74 681,9
STP LOCAL AGENCY LOCAL ADV. CONSTRUCTOIIS SBD CO ME. STATE CASI 20159902 T	ASURE I H - RIP Total  County San Bernardino	7,292 27,815 45,107 Air Basin	11,930	23,200 30,495 306,273 218,609 624,882	10,000 23,200 30,495 306,273 225,901 39,745 681,919		15	7,292 Begin	10,000 End	8,38,49,49,49,49,49,49,49,49,49,49,49,49,49,	385 582 000 NON	306,273 218,609 39,745 584,627	7,800	-18,070 23,200 Amendr	10,0 23,2 30,4 306,2 225,9 39,7 681,9
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### June 24, 2014 Minutes

# THE FOLLOWING MINUTES ARE A SUMMARY OF THE MEETING OF THE TRANSPORTATION CONFORMITY WORKING GROUP. A DIGITAL RECORDING OF THE ACTUAL MEETING IS AVAILABLE FOR LISTENING IN SCAG'S OFFICE.

The Meeting of the Transportation Conformity Working Group was held at the SCAG office in Los Angeles.

### **In Attendance:**

Abrishami, Lori Metro

Chandan, Meenu Caltrans, District 8
Hosseini, Ehsan Terry Hayes Associates
Louka, Tony Caltrans, District 8
Panganiban, Rodrigo M. Caltrans, District 8
Pham, Hoang Caltrans, District 8
Silverman, Sam Terry Hayes Associates

Sherwood, Arnie TCA

### **SCAG**

Asuncion, John Kuo, Ryan Lee, Maria Luo, Rongsheng

### **Via Teleconference:**

Alvarez, Grace RCTC
Cacatian, Ben VCAPCD

Castro, Fernando Caltrans, District 7
Chang, Paul Caltrans, District 12

Chu, Philip SANBAG

Cooper, Keith ICF

Elder, Jim Caltrans Headquarters
Fagan, Paul Caltrans, District 8
Gallo, Ilene Caltrans, District 11

Garcia, Dan SCAQMD Lay, Keith LSA Associates

McFall, Valarie TCA

O'Connor, Karina EPA, Region 9

Todaro, Ryan Parsons Sheehy, Erin OCTA

Tax, Wienke EPA, Region 9 Yoon, Andrew Caltrans, District 7

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### June 24, 2014 Minutes

### 1.0 CALL TO ORDER AND SELF-INTRODUCTION

Tony Louka, Caltrans District 8, called the meeting to order at 10:05 am.

### 2.0 PUBLIC COMMENT PERIOD

There were no public comments.

### 3.0 CONSENT CALENDAR

### 3.1 TCWG March 25, 2014 Meeting Minutes

The meeting minutes were approved.

### 3.2 TCWG April 22, 2014 Meeting Minutes

The minutes were deferred to the next meeting.

### 3.3 TCWG May 27, 2014 Meeting Minutes

The minutes were deferred to the next meeting.

### 4.0 <u>INFORMATION ITEMS</u>

### 4.1 Review of PM Hot Spot Interagency Review Forms

### 1) 4H01001

A quantitative PM hot spot modeling protocol and analysis will be prepared and presented to TCWG for review.

### 2) ORA111207

It was determined that this is not a POAQC (FHWA concurrence received via email after the meeting)

### 3) 18790 Revised June 2014

TCWG discussed about the revised analysis and EPA will provide additional comments after the meeting.

### 4.2 Review of PM Hot Spot Quantitative Analysis

4) 1C0404/LA962212/LA0G665/SB20061702 Revised June 2014 It was determined via email before the meeting that the analysis is acceptable for NEPA circulation.

### 4.3 FTIP Update

John Asuncion, SCAG, reported the following:

• 2013 FTIP Amendment #13-19 had completed public review and was under state and federal review.

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### June 24, 2014 Minutes

• Draft 2015 FTIP would be released for a 30-day public review on July 1, 2014 and two public hearings would be held in July at SCAG Headquarters Office at downtown Los Angeles with video conferencing available in SCAG's regional offices throughout SCAG region.

### 4.4 RTP Update

Ryan Kuo, SCAG, reported the following:

- Draft 2012-2035 RTP/SCS Amendment No. 2 would be released concurrently with Draft 2015 FTIP for a 30-day public review on July 1, 2014 and would undergo the same two public hearings.
- Same as 2015 FTIP, the RTP/SCS Amendment No. 2 is scheduled to be adopted by SCAG's Regional Council in September 2014 and federal approval is anticipated in December 2014.

# 4.5 <u>Draft Conformity Analysis for 2015 FTIP and Amendment No. 2 to 2012-2035</u> RTP/SCS

Rongsheng Luo, SCAG, reported the following:

- Draft 2015 FTIP conformity analysis is included as three sections in Draft 2015 FTIP Technical Appendix Volume II.
- Conformity analysis for Draft 2012-2035 RTP/SCS Amendment No. 2 is included as a chapter in the Draft RTP/SCS Amendment document.
- The conformity analysis demonstrates that Draft 2015 FTIP and Draft Amendment No. 2 to 2012-2035 RTP/SCS meet all conformity requirements:
  - ✓ Consistency with 2012-2035 RTP/SCS as previously amended
  - ✓ Regional emission analysis
  - ✓ Timely implementation of TCMs
  - ✓ Financial constraint
  - ✓ Interagency consultation and public involvement
- SCAG's Transportation Committee authorized public release of Draft 2015 FTIP and Draft RTP/SCS Amendment No. 2 on July 1, 2014.
- Draft conformity analysis will go through a public review and comment process as part of Draft 2015 FTIP and Draft RTP/SCS Amendment No. 2 documents including a 30-day public review, two public hearings, posting on SCAG's website, noticed in newspapers and distributed to libraries across SCAG region.
- Transportation conformity determination for 2015 FTIP and RTP/SCS Amendment No. 2 is scheduled to be presented to SCAG's Energy and Environment Committee for recommendation to SCAG's Regional Council for approval on the same day on September 11, 2014.

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### June 24, 2014 Minutes

In response to a question, Mr. Luo confirmed that final conformity determination for 2015 FTIP and 2012-2035 RTP/SCS Amendment No. 2 will need to be approved by FHWA/FTA by December 14, 2014.

### 4.6 EPA Update

Wienke Tax, EPA Region 9, reported the following:

- Public comment period for EPA's proposed approvals of South Coast 1-hour ozone attainment demonstration and South Coast VMT offset demonstrations for 1-hour and 1997 8-hour zone standards concluded on June 23, 2014.
- Six comments were received regarding proposed approval of 1-hour ozone attainment demonstration while only one comment was received regarding proposed approval of VMT offset demonstrations.
- EPA staff will prepare response to the comments and EPA needs to meet a settlement deadline of August 13, 2014 to finalize both actions.

Karina O' Connor, EPA Region 9, commented that review of a quantitative PM hot spot analysis requires substantial time based on EPA's review of quantitative PM hot spot analyses inside and outside SCAG region; as a result, project lead should take it into consideration when scheduling a project; Ms. O'Connor recommended a modeling protocol be prepared for interagency consultation before modeling is performed.

In support of Ms. O'Connor's comment, Rongsheng Luo, SCAG, stated that substantial lead time is needed and highly recommended based on recent review and approval of the first quantitative PM hot spot analysis in SCAG region.

### 4.7 ARB Update

There was no new update.

### 4.8 Air Districts Update

Dan Garcia, SCAQMD, reported the following:

- SCAQMD Governing Board had approved two elements of 2016 AQMP: 2012 Baseline Emission Inventory and RACT Demonstration; these two elements were required to be submitted to EPA by July 20, 2014.
- 2016 AQMP Advisory Group had met twice in April and May 2014 respectively.
- Nine working groups had been established to prepare nine policy white papers for 2016 AQMP.
- Information regarding 2016 AQMP is available on SCAQMD website at http://www.aqmd.gov/home/about/groups-committees/aqmp-advisory-group.

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### June 24, 2014 Minutes

In response to a question, Mr. Garcia confirmed that the nine white paper working groups will have separate meetings and the meeting schedule can be found on SCAQMD website at <a href="http://www.aqmd.gov/home/about/groups-committees/aqmp-advisory-group/2016-aqmp-white-papers">http://www.aqmd.gov/home/about/groups-committees/aqmp-advisory-group/2016-aqmp-white-papers</a>.

### 5.0 INFORMATION SHARING

As a follow-up to a request from Ian MacMillan, SCAQMD, at May 27, 2014 TCWG meeting, Andrew Yoon, Caltrans District 7, reported following environmental analysis status of Metro ExpressLanes:

- FHWA approved project-level conformity determination in May 2010.
- NEPA document was approved in June 2010.
- Not aware of any plan to update either project-level conformity analysis or NEPA document at this time.

In response to a request from Dan Garcia, SCAQMD, Mr. Yoon will clarify PM hot spot interagency review form status for Metro ExpressLanes at next TCWG meeting.

Lori Abrishami, Metro, reported following operational status of Metro ExpressLanes:

- FHWA granted permission per MAP -21;
- State granted tolling authority to Metro by law in 2008 and tolling authority expires January 15, 2015.
- After federal Demonstration period was completed in February 2014, Metro Board granted authorization in April 2014 to continue operation of ExpressLanes beyond January 15, 2015 pending state legislation.
- State legislation to remove current tolling term had already been introduced in Senate and will be going forward to Assembly soon.

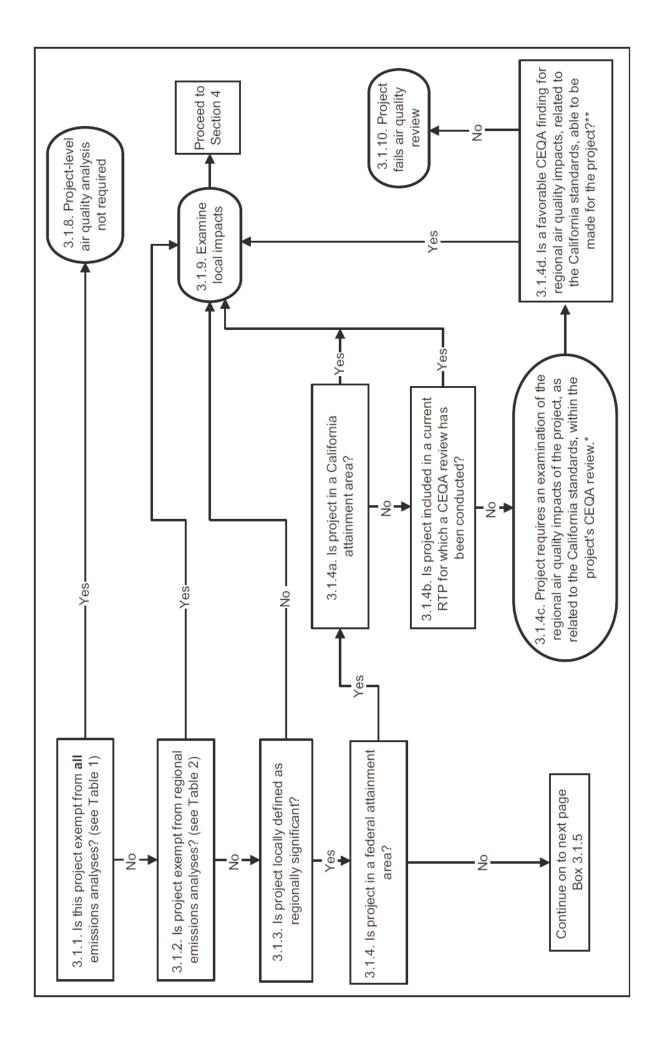
Rongsheng Luo, SCAG, and Tony Louka, TCWG Chair, acknowledged and thanked Maria Lee, SCAG intern, for her staff support and contribution to TCWG over last six months.

### 6.0 ADJOURNMENT

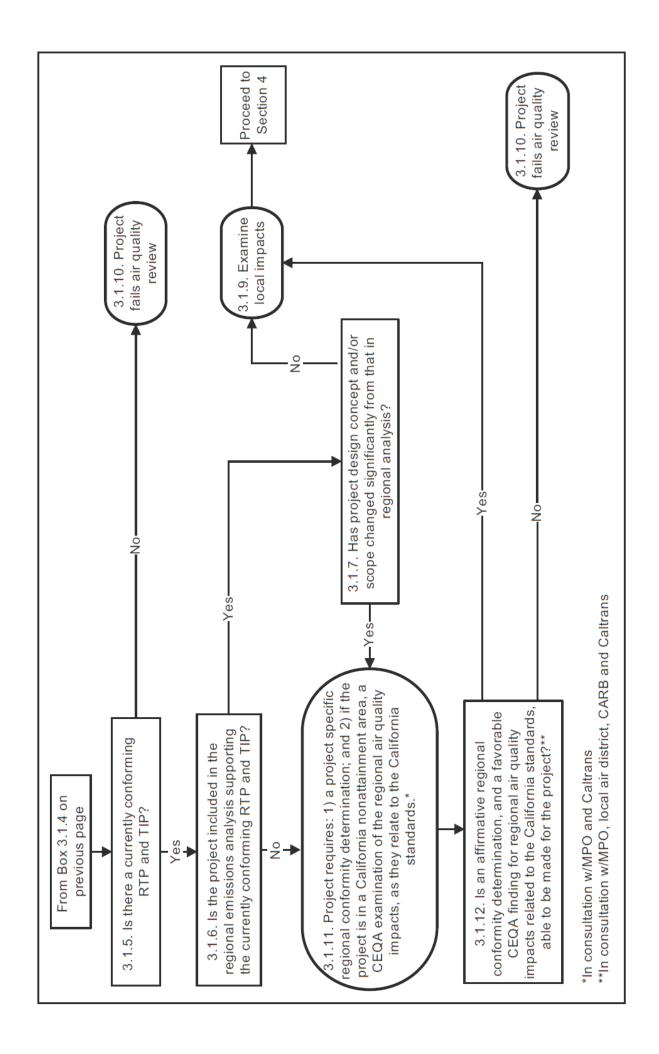
The meeting was adjourned at 10:45 am.

The next Transportation Conformity Working Group meeting will be held on Tuesday, July 22, 2014 at the SCAG office in downtown Los Angeles.

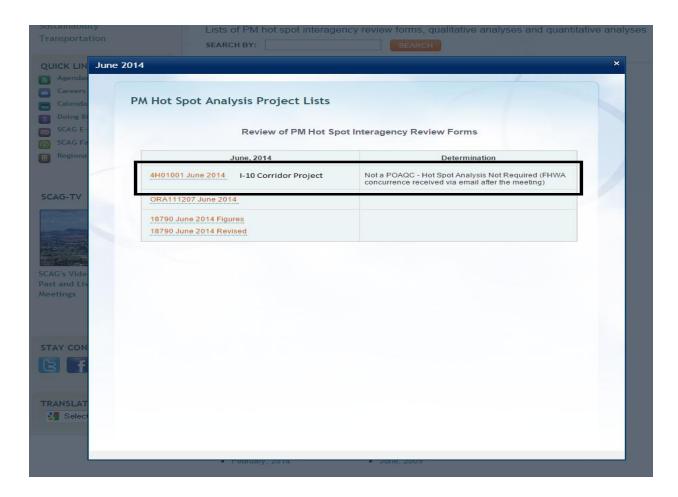
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SOURCE: CALTRANS, 2010.



# **K2: POAQC Determination**



Source: Website of Southern California Association of Governments (SCAG), Link: <a href="http://www.scag.ca.gov/programs/Pages/ProjectLevel.aspx#">http://www.scag.ca.gov/programs/Pages/ProjectLevel.aspx#</a>, Accessed: 02/18/2016

# K3: FHWA Concurrence on Project Level Conformity Finding



### Federal Highway Administration California Division

December 6, 2016

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

> In Reply Refer To: HDA-CA

Mr. John Bulinski District Director, California Department of Transportation District 8 464 W. 4<sup>th</sup> Street San Bernardino, CA 92401

Attention: Tony Louka

SUBJECT: Project Level Conformity Determination for the Interstate 10 Corridor Project (RTP as IDs # 4122004 and 4120005)

Dear Mr. Bulinski:

On November 15, 2016, the California Department of Transportation (Caltrans) submitted to the Federal Highway Administration (FHWA) a complete request for a project level conformity determination for the I-10 Corridor Project. The project is in an area that is designated Non-Attainment or Maintenance for Nitrogen Dioxide (NO<sub>2</sub>), Ozone and Particulate Matter (PM<sub>10</sub>, PM<sub>2.5</sub>).

The project level conformity analysis submitted by Caltrans indicates that the project-level transportation conformity requirements of 40 CFR Part 93 have been met. The project is included in the Southern California Association of Governments' (SCAG) current Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP), as amended. The design concept and scope of the preferred alternative have not changed significantly from those assumed in the regional emissions analysis.

As required by 40 CFR 93.116 and 93.123, the localized PM<sub>2.5</sub> and PM<sub>10</sub> analyses are included in the documentation. The analyses demonstrate that the project will not create any new violations of the standards or increase the severity or number of existing violations.

Based on the information provided, FHWA finds that the I-10 Corridor Project conforms with the State Implementation Plan (SIP) in accordance with 40 CFR Part 93.

If you have any questions pertaining to this conformity finding, please contact Joseph Vaughn at (916) 498-5346 or by email at <a href="mailto:Joseph.Vaughn@dot.gov">Joseph.Vaughn@dot.gov</a>.

Sincerely,

For: Vincent P. Mammano Division Administrator