

Appendix E 2012 RTP, 2015 FTIP, and
2016 RTP/SCS Project
Listings

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County	System	Lead Agency	RTP ID	FTIP ID	Begin PM	End PM	Route #	Route Name	From	To	Description	Baseline	Completion Year	Model Segment	Roadway Segment: Route Name	Roadway Segment: Length	Roadway Segment: From	Roadway Segment: To	Roadway Segment: Description	Roadway Segment: Existing Lanes	Roadway Segment: Proposed Lanes	Transit Segment: Route	Additional Details		
Orange	State Highway	TCA	10254	10254	9.6	25.45	73				SJHC, 15 MI TOLL RD BETWEEN I-5 IN SAN JUAN CAPISTRANO & RTE 73 IN IRVINE. EXISTING 3M/F EA DIR, 1 ADD'L M/F EA DIR, PLUS CLIMBING & AUX LNS AS REQ, BY 2020 PER SCAG/TCA MOU 4/5/01	X	2020		73	15.85	I-5	Bison	Widening	6	8				
Orange	State Highway	CALTRANS	2M0726				73	SR-73	Glenwood Drive/Pacific Park Drive		Complete southbound ramp at interchange with Glenwood Dr/Pacific Park Dr		2035	1									Existing Config: No interchange to/from the South		
Orange	State Highway	CALTRANS	2H0706				73	SR-73	I-405		HOV Connector between I405 and SR73. Includes merging lanes and reconstruction of Fairview bridge.		2035	1										The connector is one lane each direction w/ ingress and egress aux lanes on I405 and SR73. No capacity enhancements anticipated for the Fairview bridge.	
Orange	State Highway	ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)	2H0707				73	SR-73	I-405	MacArthur	Add 1 HOV lane each direction from MacArthur to 405		2035	1										Existing Config: No HOV lanes	
Orange	State Highway	CALTRANS	2M01125	ORA000821	8.1	9.3	91				SR-91 WB (SR-55 THROUGH TUSTIN INTERCHANGE) EXTEND LANE AND RECONSTRUCT AUX. LANE. PPN0 4587A EA (0C560)		2016		91	1.2	SR-55	Tustin Interchange	Extend land on SR-91 from SR-55 through Tustin interchange	3	4				
Orange	State Highway	ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)	2M01126	ORA000822	0.87	5.47	91				CONNECT EXISTING AUXILIARY LANE THROUGH INTERCHANGES ON WB SR-91 BETWEEN SR-57 AND I-5 WITH ITS ELEMENTS PPN0 4516A EA (0C5700)		2015		91	4.6	SR-57	I-5	continue auxiliary lane	3	4				
Orange	State Highway	CALTRANS	2T04128				91	SR-91	Fairmont Drive		CONSTRUCT OVERCROSSING AND SR-91 INTERCHANGE AT FAIRMONT BLVD		2028	1										Adds main line interchange.	
Orange	State Highway	CALTRANS	2T01135				91	SR-91	SR-241		HOV/HOT CONNECTOR: NB SR-241 TO EB SR-91, WB SR-91 TO SB SR-241 (1 LANE EACH DIR) AS REQ, BY 2020 PER SCAG/TCA MOU 4/05/01. Parent project ORA050		2020	1											The connector will have 1 lane each direction. Widen the Express lanes to 2 lanes in each direction and 1 ingress/egress lane in each direction. See Diagram uploaded to in the Maps section.
Orange	State Highway	ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)	2M0737				91	SR-91	SR-241	I-15	In Orange County, add a WB MF lane from 241 off ramp to Gypsum Canyon and Aux lanes each direction between 241 and County line. See Riverside County for additional improvements.		2018	1											Existing Config: 4 to 5 lanes each direction ADD 1 WB MF LANE FROM SR-241 OFF RAMP TO GYPSUM CYN OFF RAMP (FROM 4 WB TO 5 WB) AND ADD 1 AUX LANE EACH DIR FROM SR-241 TO RIVERSIDE COUNTY LINE
Orange	State Highway	ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)	2M0736				91	SR-91 EB	SR-57	SR-55	ADD 1 MF LANE EASTBOUND; IMPROVE INTERCHANGE AT SR-91/SR-55 AND LAKEVIEW AVE; OPERATIONAL, NO INCREASE IN CAPACITY		2021	1											Existing Config: 3 lanes
Orange	State Highway	TCA	2T01135	ORA111207	36	39.5	241				HOV/HOT CONNECTOR: NB SR-241 TO EB SR-91, WB SR-91 TO SB SR-241 (1 LANE EACH DIR) AS REQ, BY 2020 PER SCAG/TCA MOU 4/05/01. Parent project ORA050		2020		241	3.5	SR-241	SR-91	HOT/HOV connector from SR-241 to SR-91	0	1				
Orange	State Highway	TCA	ORA050	ORA050	38.8	12.4	241				ETC (RTE 241/261/133) (RTE 91 TO I-5/JAMBOREE) EXISTING 2 M/F EA DIR, 2 ADD'L M/F IN EA DIR, PLUS CLIMB AND AUX LNS AS REQ, BY 2020 PER SCAG/TCA MOU 4/05/01. Parent project ORA050	X	2020		241	-26.4	SR-91	I5/Jamboree	Widening	4	8				
Orange	State Highway	TCA	ORA051	ORA051	13.8	26.5	241				(FTC-N) (OSO PKWY TO ETC) (13M) EXISTING 2 M/F IN EA DIR, 2 ADDITIONAL M/F LANES, PLS CLMBNG & AUX LANS AS REQ BY 2020 PER SCAG/TCA MOU 4/05/01.	X	2020		241	12.7	Oso	Sr-261	Ultimate Project Widening	2	4				
Orange	State Highway	TCA	ORA052	ORA052	0.01	15.9	241				(FTC-S) (I-5 TO OSO PKWY) (15M) 2 M/F EA DIR BY 2021; AND 1 ADDITIONAL M/F EA DIR, PLS CLMBNG & AUX LANES AS REQ BY 2030 PER SCAG/TCA MOU 4/05/01. #1988	X	2030		241	15.89	I-5	Oso	New Highway	0	4				
Orange	State Highway	ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)	2120003				241	SR-241	Jeffrey		New interchange at Jeffrey and 241.		2025	1											
Orange	State Highway	CALTRANS	2M04131	ORA113030	5	5.6	405				Widen Ramp for Deceleration Lane - NB I-405 from 1 mile north of Jeffrey Rd to Culver Dr. 0.6 Miles Split from ORA001105		2014		405	0.6	Jeffrey Rd	Culver Dr	Widen ramp for deceleration lane	1	1				
Orange	State Highway	CALTRANS	2M0728	ORA150007	2.89	2.45	405				Interstate 405 Southbound Sand Canyon Avenue to SR-133 - Auxiliary Lane		2019		405	-0.44	Sand Canyon Ave	SR-133	Add Aux Lane.	5	5			Add auxiliary lane.	

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**Orange County Transportation Authority
2015 Federal Transportation Improvement Program (\$000)**

TIP ID **ORA111207**

Implementing Agency **Transportation Corridor Agency (TCA)**

SCAG RTP Project #: 2T01135
PPNO:
EA Number:
IFAS #:

Project Title
241/91 EXPRESS LANES (HOT) CONNECTOR: NB SR-241 TO EB SR-91, WB SR-91 TO SB SR-241
Project Description
241/91 EXPRESS LANES (HOT) CONNECTOR: NB SR-241 TO EB SR-91, WB SR-91 TO SB SR-241,
PER SCAG/TCA MOU 4/05/01. PARENT PROJECT ORA050

System Route Postmile
State Hwy 241 36.1 to 39.1
Program Code
CAXT7 - NEW INTERCHANGE W/ TCM: RS
Environmental Document
CATEGORICALLY EXEMPT -
Conformity Category
TCM

Fiscal Year	Revenue Source	Engineering	Right of Way	Construction	Total Revenue
11/12	PVT - Private	\$2,000			\$2,000
12/13	PVT - Private	\$346			\$346
13/14	PVT - Private	\$1,211			\$1,211
17/18	PVT - Private			\$60,000	\$60,000
18/19	PVT - Private			\$60,000	\$60,000
19/20	PVT - Private			\$60,000	\$60,000
		\$3,557	\$0	\$180,000	\$183,557

Air Basin
SCAB
Project Completion Date
12/31/2020
Current Implementation Status
Environmental Document/Pre-Design Phase (PAED) -
07/27/2011
Project Manager
David Lowe - (949) 754-3488
Last Modified By
Pontip Somchai on 09/14/2015

Notes:
ENG only = TCM-Type project
The 241/91 Express Lanes Project is one lane in each direction, with approximately 1,000 feet of additional WB and EB express lane for safe transitions and to eliminate queue-jumping. Advance signage is included within the post miles.

Post miles for the facility, including advanced signage, are as follows:
12-ORA-241 PM 36.1/39.1
12-ORA-91 PM 14.7/18.9
08-RIV-91 PM 0.0/1.5

Last Revised **Amendment 15-13 - In Progress**

Total Cost **\$183,557**

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Final 2015 Federal Transportation Improvement Program

Orange County Project Listing State Highway (In \$000's)

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	System	Conformity Category	Amendment		
ORA000820	Orange	SCAB		2TK01116	CAX63	57	21.2	.68	S	NON-EXEMPT	0		
Description:							PTC	124,600	Agency	CALTRANS			
SR-57 TRUCK CLIMBING AUX LANE FROM LAMBERT TO LA CO. LINE PPNO 3847A EA 0C120 (PE ONLY)													
Fund		ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
AGENCY		5,800			5,800				5,800				5,800
ORA000820 Total		5,800			5,800				5,800				5,800
10254	Orange	SCAB		10254	CAN69	73	9.6	25.45	S	TCM Committed	0		
Description:							PTC	351,188	Agency	TCA			
SJHC, 15 MI TOLL RD BETWEEN I-5 IN SAN JUAN CAPISTRANO & RTE 73 IN IRVINE, EXISTING 3/M/F EA.DIR.1 ADD'L M/F EA DIR, PLUS CLIMBING & AUX LNS AS REQ, BY 2020 PER SCAG/TCA MOU 4/5/01													
Fund		ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
PRIVATE FUNDS		4,290		346,898	351,188	24,188	900	8,100		31,800	143,100	143,100	351,188
10254 Total		4,290		346,898	351,188	24,188	900	8,100		31,800	143,100	143,100	351,188
ORA052	Orange	SCAB		ORA052	CAN69	241	.01	15.9	S	TCM Committed	0		
Description:							PTC	1,331,269	Agency	TCA			
(FTC-S) (I-5 TO OSO PKWY) (15MI) 2 MF EA. DIR BY 2021; AND 1 ADDITIONAL M/F EA. DIR. PLS CLMBNG & AUX LANES AS REQ BY 2030 PER SCAG/TCA MOU 4/05/01. #1988													
Fund		ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
DEMO-SAFETEA-LU				7,119	7,119	7,119							7,119
PRIVATE FUNDS		144,254	98,682	820,802	1,063,738	302,294	97,364	90,245	97,164	43,869	216,401	216,401	1,063,738
ORA052 Total		144,254	98,682	827,921	1,070,857	309,413	97,364	90,245	97,164	43,869	216,401	216,401	1,070,857
ORA051	Orange	SCAB		ORA051	CAN69	241	13.8	26.5	S	TCM	0		
Description:							PTC	269,045	Agency	TCA			
(FTC-N) (OSO PKWY TO ETC) (13MI) EXISTING 2 MF IN EA. DIR, 2 ADDITIONAL M/F LANES, PLS CLMBNG & AUX LANS AS REQ BY 2020 PER SCAG/TCA MOU 4/05/01.													
Fund		ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
PRIVATE FUNDS		4,453		264,592	269,045	117,377				50,556	50,556	50,556	269,045
ORA051 Total		4,453		264,592	269,045	117,377				50,556	50,556	50,556	269,045
ORA111207	Orange	SCAB		2T01135	CAXT7	241	36	39.5	S	TCM	0		
Description:							PTC	183,557	Agency	TCA			
HOV/HOT CONNECTOR: NB SR-241 TO EB SR-91, WB SR-91 TO SB SR-241 (1 LANE EACH DIR) AS REQ, BY 2020 PER SCAG/TCA MOU 4/05/01. Parent project ORA050													
Fund		ENG	R/W	CON	Total	Prior	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	Total
PRIVATE FUNDS		3,557		180,000	183,557	3,557				60,000	60,000	60,000	183,557
ORA111207 Total		3,557		180,000	183,557	3,557				60,000	60,000	60,000	183,557

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TABLE 1 FTIP Projects - Continued

County	System	FTIP ID	Route #	Description	Project Cost (\$1,000's)
ORANGE	STATE HIGHWAY	ORA150110	91	SR-91 (SR-57 TO SR-55) - PROJECT PROPOSES TO ADD 1 GP LANE EASTBOUND FROM SR-57 TO SR-55, AND 1 GP LANE WESTBOUND FROM GLASSELL STREET TO STATE COLLEGE BLVD. ADDITIONAL FEATURES OF THE PROJECT INCLUDE IMPROVEMENTS TO NEARBY LOCAL INTERCHANGES AND FREEWAY TO FREEWAY CONNECTORS. AUXILIARY LANES WILL BE ADDED IN CERTAIN SEGMENTS (PA&ED PHASE).	\$425,000
ORANGE	STATE HIGHWAY	ORA000821	91	SR-91 WB (SR-55 THROUGH TUSTIN INTERCHANGE) EXTEND LANE AND RECONSTRUCT AUX. LANE. PPN0 4587A EA 0C560)	\$46,270
ORANGE	STATE HIGHWAY	ORA020807	91	IN ORANGE COUNTY, AT THE COAL CANYON ROAD INTERCHANGE. THE PROJECT IS TO INSTALL VEGETATION ENHANCEMENTS. EA12-OK3300	\$802
ORANGE	STATE HIGHWAY	ORA051	241	FOOTHILL TRANSPORTATION CORRIDOR-NORTH (FTC-N - SR 241). 12.7 MI TOLL ROAD BETWEEN OSO PKWY AND ETC, CONSISTENT WITH SCAG/TCA MOU 4/05/01. EXISTING 2 M/F IN EA DIR. 2 ADDITIONAL M/F, PLS CLIMBING & AUX LANES BY 2020.	\$269,045
ORANGE	STATE HIGHWAY	ORA052	241	FOOTHILL TRANSPORTATION CORRIDOR-SOUTH (FTC-S - SR 241). 10.3 MI TOLL ROAD BETWEEN SAN DIEGO COUNTY LINE AND OSO PKWY, CONSISTENT WITH SCAG/TCA MOU 4/05/01. 2 M/F EA DIR FROM OSO PKWY TO COW CAMP RD BY 2017. 2 M/F EA DIR FROM COW CAMP RD TO SAN DIEGO CO LINE BY 2021. 1 ADDITIONAL M/F EA DIR PLS CLIMBING & AUX LANES BY 2030.	\$1,331,269
ORANGE	STATE HIGHWAY	ORA111207	241	241/91 EXPRESS LANES (HOT) CONNECTOR: NB SR-241 TO EB SR-91, WB SR-91 TO SB SR-241, PER SCAG/TCA MOU 4/05/01.	\$183,557
ORANGE	STATE HIGHWAY	ORA111207	241	241/91 EXPRESS LANES (HOT) CONNECTOR: NB SR-241 TO EB SR-91, WB SR-91 TO SB SR-241, PER SCAG/TCA MOU 4/05/01. PARENT PROJECT ORA050	\$183,557
ORANGE	STATE HIGHWAY	ORA050	241	EASTERN TRANSPORTATION CORRIDOR (ETC- SR 241/261/133) 26.4 MI TOLL ROAD CONNECTS SR 91 TO I-5 VIA SR 261 AND SR 133, CONSISTENT WITH SCAG/TCA MOU 4/05/01. EXISTING 2 M/F EA DIR. 2 ADDITIONAL M/F IN EA DIR, PLUS CLIMBING AND AUX LANES BY 2020.	\$631,902
ORANGE	STATE HIGHWAY	ORA131304	405	I-405(I-5 TO SR-55)-ADD 1 MF LANE EACH DIRECTION FROM I-5 TO SR-55 AND IMPROVE MERGING.(UTILIZE TOLL CREDIT MATCH FOR RSTP) ENG ONLY.	\$190,000
ORANGE	STATE HIGHWAY	ORA130064	405	I-405 - ADD ONE SOUTHBOUND AUXILIARY LANE FROM UNIVERSITY DRIVE TO SAND CANYON (SEGMENT 2) AND SAND CANYON AVENUE TO SR-133 (SEGMENT 1)	\$16,379
ORANGE	STATE HIGHWAY	ORA113030	405	WIDEN RAMP FOR DECELERATION LANE - NB I-405 FROM 1 MILE NORTH OF JEFFERY RD TO CULVER DR. 0.6 MILES SPLIT FROM ORA001105	\$3,230
ORANGE	STATE HIGHWAY	ORA000194	405	HOV CONNECTORS FROM I-405 TO I-605, BETWEEN KATELLA AVE. (I-605 PM R001,104) AND SEAL BEACH BLVD. (I-405 PM 022.643), WITH A SECOND HOV LANE IN EACH DIRECTION ON I-405 BETWEEN THE TWO DIRECT CONNECTORS. TOLL CREDITS FOR CMAQ.	\$162,830
ORANGE	STATE HIGHWAY	ORA030605	405	I-405 FROM SR-73 TO I-605. ADD 1 MF LANE IN EACH DIRECTION, AND ADDITIONAL CAPITAL IMPROVEMENTS. COMBINED WITH ORA045, ORA151, ORA100507 AND ORA120310. PHASE 2 LISTED UNDER ORA030605A	\$1,300,000
ORANGE	STATE HIGHWAY	ORA030605A	405	I-405 FROM SR-73 TO I-605. CONVERT EXISTING HOV TO HOT. ADD 1 ADDITIONAL HOT LANE EACH DIRECTION AND ADD A HOT DIRECT CONNECTOR TO SR-73 (BY 2035). PHASE 1 PROJECT LISTED UNDER ORA030605	\$400,000
ORANGE	STATE HIGHWAY	ORA001108	999	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP MANDATES PROGRAM. SCOPE: PROJECTS ARE CONSISTENT WITH 40 CFR PART 93.126 EXEMPT TABLES 2 AND TABLE 3 CATEGORIES - RAILROAD/HIGHWAY CROSSING, SAFER NON-FEDERAL-AID SYSTEM ROADS, SHOULDER IMP, TRAFFIC CONTROL DEVICES AND OPS ASSISTANCE OTHER THAN SIGNALIZATION PROJECTS, LIGHTING IMP	\$23,623
ORANGE	STATE HIGHWAY	ORA040607	999	ORANGE COUNTY - COUNTYWIDE ACTIVITIES: PLANNING, PROGRAMMING AND MONITORING (PPM)	\$16,459
ORANGE	STATE HIGHWAY	ORA001104	999	GROUPED PROJECTS FOR SHOULDER IMPROVEMENTS - SHOPP ROADSIDE PRESERVATION PROGRAM. SCOPE: PROJECTS ARE CONSISTENT WITH 40 CFR PART 93.126 EXEMPT TABLES 2 CATEGORIES - FENCING, SAFETY ROADSIDE REST AREAS	\$1,264
ORANGE	STATE HIGHWAY	ORA084402	999	GROUPED PROJECTS FOR PURCHASE OF OFFICE, SHOP, AND OPERATING EQUIPMENT FOR EXISTING FACILITIES. SCOPE - PROJECTS ARE CONSISTENT WITH 40 CFR PART 93.126 EXEMPT TABLES 2 AND TABLE 3 CATEGORIES - PURCHASE OF OFFICE, SHOP, AND OPERATING EQUIPMENT FOR EXISTING FACILITIES	\$580
ORANGE	STATE HIGHWAY	ORA001103	999	GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION - SHOPP ROADWAY PRESERVATION PROGRAM. SCOPE: PROJECTS ARE CONSISTENT WITH 40 CFR PART 93.126 EXEMPT TABLES 2 CATEGORIES - PAVEMENT RESURFACING AND/OR REHABILITATION, EMERGENCY RELIEF (23 U.S.C. 125), WIDENING NARROW PAVEMENTS OR RECONSTRUCTING BRIDGES (NO ADDITIONAL TRAVEL LANES)	\$52,962
ORANGE	STATE HIGHWAY	ORA001105	999	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP MOBILITY PROGRAM. SCOPE: PROJECTS ARE CONSISTENT WITH 40 CFR PART 93.126 EXEMPT TABLES 2 AND TABLE 3 CATEGORIES - RAILROAD/HIGHWAY CROSSING, SAFER NON-FEDERAL-AID SYSTEM ROADS, SHOULDER IMP, TRAFFIC CONTROL DEVICES OPS ASSISTANCE.INTERSECTION SIGNALIZATION PROJECTS, PAVEMENT MARKING DEMO,LIGHTING	\$47,730
ORANGE	STATE HIGHWAY	ORA001109	999	GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM. SCOPE: PROJECTS ARE CONSISTENT WITH 40 CFR PART 93.126 EXEMPT TABLES 2 CATEGORIES - WIDENING NARROW PAVEMENTS OR RECONSTRUCTING BRIDGES (NO ADDITIONAL TRAVEL LANES).	\$5,200

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