# Appendix D 2016 RTP and 2019 FTIP Project Listings

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### TABLE 1 FTIP Projects - Continued

County	System	FTIP ID	Route #	Description	Project Cost (\$1,000's)
ORANGE	STATE HIGHWAY	ORA111801	5	I-5 (ALICIA PARKWAY TO EL TORO ROAD) SEGMENT 3 - THE PROJECT WILL ADD ONE GENERAL PURPOSE LANE ON THE I-5 IN EACH DIRECTION BETWEEN ALICIA PARKWAY AND EL TORO ROAD (APPROXIMATELY 1.7 MILES), EXTEND THE 2ND HOV LANE IN BOTH DIRECTIONS AND ADD AUXILIARY LANES WHERE NEEDED.	\$122,642
ORANGE	STATE HIGHWAY	ORA131105	5	I-5 / LOS ALISOS. ADD RAMPS AT LOS ALISOS OR EL TORO (UTILIZE TOLL CREDIT MATCH FOR RSTP) PA&ED.	\$57,954
ORANGE	STATE HIGHWAY	ORA130302	5	(I-5 (I-405 TO SR-55) - IN THE CITIES OF IRVINE AND TUSTIN. ADD 1 MF LANE NB FROM TRUCK BYPASS ON RAMP TO SR-55, ADD 1 MF LANE SB FROM SR-55 TO (ALTON AND 1 AUX LANE FROM ALTON TO TRUCK BYPASS. (PA&ED AND PS&E PHASE) PROJECT WILL UTILIZE \$917,600 TOLL CREDIT MATCH)	\$452,000
ORANGE	STATE HIGHWAY	ORA111210	5	I-5 FROM SR 55 TO SR 57 - ADD 1 HOV LANE EACH DIRECTION (PPNO 2883A)	\$37,058
ORANGE	STATE HIGHWAY	ORA130060	5	INTERSTATE 5 CONTINUOUS ACCESS HIGH OCCUPANCY VEHICLE LANE STRIPING FROM STATE ROUTE 57 INTERCHANGE TO STATE ROUTE 91/BEACH BOULEVARD INTERCHANGE	\$4,790
ORANGE	STATE HIGHWAY	ORA150401	5	THREE HOV OVERHEAD SIGNS WITHIN THE MEDIAN OF THE I-5 SOUTH OF AVENDIA PICO IN THE CITY OF SAN CLEMENTE. THESE IMPROVEMENTS ARE SUPPLEMENTS TO THE I-5 HOV WIDENING PROJECT AND PROVIDE NORTHBOUND I-5 TRAFFIC ADVANCE NOTIFICATION OF A HOV LANE THAT IS ADDED TO THE GP LANES. (RELATED TO ORA990929)	\$1,250
ORANGE	STATE HIGHWAY	ORA000193	22	HOV CONNECTORS FROM SR-22 TO I-405, BETWEEN SEAL BEACH BLVD. (I-405 PM 022.558) AND VALLEY VIEW ST. (SR-22 PM R000.917), WITH A SECOND HOV LANE IN EACH DIRECTION ON I-405 BETWEEN THE TWO DIRECT CONNECTORS. TOLL CREDIT MATCH FOR CMAQ.	\$119,295
ORANGE	STATE HIGHWAY	ORA131301	55	SR-55 (I-5 TO SR-91) – ADD CAPACITY FROM I-5 TO SR-22 AND IMPROVE OPERATIONS FROM I-5 TO SR-91 (UTILIZE TOLL CREDIT MATCH FOR RSTP) (STUDY ONLY)	\$148,490
ORANGE	STATE HIGHWAY	ORA015	55	BAKER STREET AND SR-55; N/B & S/B FRONTAGE ROAD IMPROVEMENTS. S/B FREE RIGHT TURN, N/B LEFT-TURN AND 2ND E/B LEFT.	\$900
ORANGE	STATE HIGHWAY	ORA016	55	PAULARINO AVE (SR-55 NB FRONTAGE ROAD @ PAULARINO AVE) IN COSTA MESA INTERSECTION IMPROVEMENT. ADDING A N/B RAMP AND W/B RIGHT-TURN-LANE.	\$505
ORANGE	STATE HIGHWAY	ORA017	55	PAULARINO AVE IN SR-55 SB FRONTAGE ROAD COSTA MESA. INTERSECTION IMPROVEMENT ADD S/B RIGHT-TURN LANE.	\$270
ORANGE	STATE HIGHWAY	ORA100511	55	SR-55 WIDENING BETWEEN I-405 AND I-5 - ADD 1 MF LANE EACH DIRECTION AND FIX CHOKEPOINTS FROM I-405 TO I-5; ADD 1 AUX LANE EA DIR BTWN SELECT ON/OFF RAMP AND NON-CAPACITY OPERATIONAL IMPROVEMENTS THROUGH PROJECT LIMITS (PS&E AND PAED). CONSISTENT WITH THE 2012 RTP. TOLL CREDIT FOR RSTP.	\$274,900
ORANGE	STATE HIGHWAY	ORA000146	55	CONSTRUCT NEW INTERCHANGE ON SR 55 @ MEATS AVENUE. CONSTRUCT ON-RAMP/OFF-RAMPS. CONSTRUCTION OF AUXILIARY LANES BETWEEN KATELLA AVENUE AND LINCOLN AVENUE/NOEL RANCH ROAD BOTH NORTHBOUND AND SOUTHBOUND ON SR-55. WIDEN TAFT AVENUE UNDERCROSSING ON NORTHBOUND SIDE OF SR-55. WIDEN MEATS AVENUE FROM PARK LANE TO BRECKENRIDGE STREET. REALIGN 1820' OF THE SR 55 MEDIAN BARRIER. WIDEN SANTIAGO AVENUE AT MEATS AVENUE FOR TURNING LANES	\$50,000
ORANGE	STATE HIGHWAY	ORA110302	57	IN PLACENTIA AND FULLERTON, N/B SR-57 FROM 0.4 MI N/O SR-91 TO 0.1 MI N/O LAMBERT RD (5.1 MILES). REPLACEMENT PLANTING AS THE RESULT OF THE SR-57 NORTHBOUND WIDENING. REPLACEMENT PLANTING RELATED TO ORA081901 AND ORA120332	\$2,688
ORANGE	STATE HIGHWAY	ORA131303	57	SR-57 ORANGEWOOD TO KATELLA-ADD 1 MF LANE NORTHBOUND BETWEEN ORANGEWOOD AND KATELLA (UTILIZE TOLL MATCH FOR RSTP)ENG ONLY.	\$6,500
ORANGE	STATE HIGHWAY	ORA120320	57	SR-57/LAMBERT RD INTERCHANGE IMPROVEMENTS - RECONFIG EXISTING DIAMOND INTERCHANGE TO LOOP RAMP, ADD SB LN ON OFFRAMP (PPNO 3834)	\$59,300
ORANGE	STATE HIGHWAY	ORA000820	57	SR-57 TRUCK CLIMBING AUX LANE FROM LAMBERT TO LA CO. LINE PPNO 3847A EA 0C120 (PE ONLY)	\$124,600
ORANGE	STATE HIGHWAY	10254	73	SAN JOAQUIN HILLS TRANSPORTATION CORRIDOR (SJHTC – SR 73). 15 MI TOLL RD BETWEEN 1-5 IN SAN JUAN CAPISTRANO & RTE 73 IN IRVINE, CONSISTENT WITH SCAG/TCA MOU 4/5/01. EXISTING 3 M/F EA DIR. 1ADDITIONAL M/F EA DIR, PLUS CLIMBING & AUX LANES BY 2020.	\$351,188
ORANGE	STATE HIGHWAY	ORA020808	90	IN ORANGE COUNTY, ON RTE 90 IMPERIAL HIGHWAY, IN THE CITIES OF YORBA LINDA AND ANAHEIM ON ROUTE 90 FROM EAST OF KELLOGG DRIVE UNDERCROSSING TO LA PALMA AVENUE. THE PROJECT IS TO PROVIDE ENHANCEMENT AND MITIGATION PLANTING. PPNO 4434B EA 12-056221	\$1,669
ORANGE	STATE HIGHWAY	ORA000822	91	CONNECT EXISTING AUXILIARY LANE THROUGH INTERCHANGES ON WB SR-91 BETWEEN SR-57 AND I-5 WITH ITS ELEMENTS PPNO 4516A EA 0C5700	\$65,677
ORANGE	STATE HIGHWAY	ORA130301	91	SR-91 (SR-57 TO SR-55) - ADD 1 MF LANE EASTBOUND; IMPROVE INTERCHANGE AT SR-91/SR-55 AND LAKEVIEW AVE; OPERATIONAL, NO INCREASE IN CAPACITY	\$425,000

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## Final 2019 Federal Transportation Improvement Program

Orange County Project Listing State Highway (in \$000`s)

ProjectID	County	Air Basin	Model	RTP	ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity (	Category	Amendment
ORA131711	Orange	SCAB		2M0730		CAX63	5	12.4	14.5				NON-EXEMPT		0
Description	ו:							PTC	180,089			Agency (	DRANGE COUN	ITY TRANS A	JTHORITY (OCTA)
	to Oso Parkway) es and add auxilia													s), reconstruct	Avery Parkway
Fund		ENG	R/W		Total			018/2019	2019/2020		2020/2021		2 2022/2023	2023/2024	Total
STP LOCAL	- REGIONAL	10,768	13,415	3,984	28,167	24,183		3,984							28,167
AGENCY				17,166	17,166			17,166							17,166
ORANGE M	2 - FREEWAY	1,570	20,726	21,725	44,021	22,296		21,725							44,021
STIP ADVAN	NCE CON-RIP			90,735	90,735			90,735							90,735
ORA13171	1 Total	12,338	34,141	133,610	180,089	46,479		133,610							180,089
ProjectID	County	Air Basin	Model	RTP	ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity (	Category	Amendment
ORA131712	Orange	SCAB		2M0730		CAX63	5	14.5	17.1				ION-EXEMPT		0
Description								PTC	196,167						JTHORITY (OCTA)
	reek to Alicia Parl change and add a								each direction	between (	Oso Creek a	nd Alicia Par	kway (approxim	ately 2.6 miles	), reconstruct La Paz
Fund		ENG	R/W		Total	Prior	2	018/2019	2019/2020		2020/2021	2021/2022	2 2022/2023	2023/2024	Total
	REGIONAL	11,667	4,144	31,820	47,631	47,631									47,631
	2 - FREEWAY	5,685	8,841	134,010	148,536	14,526		134,010							148,536
ORA13171	2 Total	17,352	12,985	165,830	196,167	62,157		134,010							196,167
ProjectID	County	Air Basin	Model	RTP	ID	Program	Route	Begin	End	Signage	Signage	System	Conformity (	Category	Amendment
								Ŭ		Begin	End	,		5 5 5	
ORA111801	Orange	SCAB		2M0730		CAX63	5	17.1	18.9	Begin	End	S 1	СМ	99	0
Description	ו:					CAX63	5	PTC	18.9 156,052			Agency C	CM DRANGE COUN	ITY TRANS A	0 JTHORITY (OCTA)
Description I-5 (Alicia F HOV lane i	ו:	o Road) Segi and add auxi	ment 3 - The iliary lanes v	e project will a vhere needed	I. Ŭ	CAX63	5 ose lane	PTC on the I-5	18.9 156,052 in each directi	on betwee	n Alicia Parl	Agency ( way and El	CM DRANGE COUN Foro Road (appr	ITY TRANS AI	0
Description I-5 (Alicia F HOV lane i Fund	n: Parkway to El Tor in both directions	o Road) Segi	ment 3 - The iliary lanes v R/W	e project will a vhere needed CON	l. Total	CAX63 neral purpo Prior	5 ose lane	PTC	18.9 156,052	on betwee		Agency ( way and El	CM DRANGE COUN Foro Road (appr	ITY TRANS A	0 JTHORITY (OCTA) miles), Extend the 2nd Total
Description I-5 (Alicia F HOV lane i Fund STP LOCAL	n: Parkway to El Tor in both directions - REGIONAL	ro Road) Segr and add auxi ENG 9,710	ment 3 - The iliary lanes v	e project will a vhere needed CON 30,768	l. Total 49,897	CAX63 neral purpo Prior 19,129	5 ose lane	PTC on the I-5	18.9 156,052 in each directi 2019/2020 30,768	on betwee	n Alicia Parl	Agency ( way and El	CM DRANGE COUN Foro Road (appr	ITY TRANS AI	0 JTHORITY (OCTA) miles), Extend the 2nd Total 49,897
Description I-5 (Alicia F HOV lane i Fund STP LOCAL ORANGE M	n: Parkway to El Tor in both directions - REGIONAL 2 - FREEWAY	o Road) Segr and add auxi ENG	ment 3 - The iliary lanes v R/W	e project will a vhere needed CON	l. Total 49,897 47,244	CAX63 neral purpo Prior 19,129 18,416	5 ose lane	PTC on the I-5	18.9 156,052 in each directi 2019/2020 30,768 28,828	on betwee	n Alicia Parl	Agency ( way and El	CM DRANGE COUN Foro Road (appr	ITY TRANS AI	0 JTHORITY (OCTA) miles), Extend the 2nd Total
Description I-5 (Alicia F HOV lane i Fund STP LOCAL ORANGE M STIP ADVAN	n: Parkway to El Tor in both directions - REGIONAL 2 - FREEWAY NCE CON-RIP	ro Road) Segr and add auxi ENG 9,710 793	ment 3 - The iliary lanes v R/W 9,419	e project will a vhere needed CON 30,768 28,828 58,911	I. Total 49,897 47,244 58,911	CAX63 neral purpo Prior 19,129 18,416	5 ose lane	PTC on the I-5	18.9 156,052 in each directi 2019/2020 30,768 28,828 58,911	on betwee	n Alicia Parl	Agency ( way and El	CM DRANGE COUN Foro Road (appr	ITY TRANS AI	0 JTHORITY (OCTA) miles), Extend the 2nd Total 49,897
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