



## 2017 Federal Transportation Improvement Program

Orange County  
State Highway  
Including Amendments 1-24  
(in \$000`s)

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA990929	Orange	SCAB		2H01143	CAY69	5	3	3.7			S	TCM Committed	2
Description: PTC 98,789 Agency ORANGE COUNTY TRANS AUTHORITY (OCTA)													
Interstate 5 Add 1 HOV in each direction from South of Avenida Pico to South of Avenida Vista Hermosa and Reconfigure Avenida Pico Interchange. PPNO:2531D (Utilize toll credit match for CMAQ, IMD, and STIP). Combine with ORA150401. HOV signage from PM 2.1 to 3.7													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	
CMAQ	4,246	8,000	1,053	13,299	12,246	1,053						13,299	
INTERSTATE MAINTENANC - EARMARK			1,600	1,600	1,600							1,600	
STP LOCAL - REGIONAL			20,996	20,996	20,996							20,996	
ORANGE M2 - FREEWAY	4,754	2,620	5,991	13,365	13,365							13,365	
STIP ADVANCE CON-RIP			49,529	49,529	49,529							49,529	
ORA990929 Total	9,000	10,620	79,169	98,789	97,736	1,053						98,789	
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			S	NON-EXEMPT	22
Description: PTC 215,440 Agency VARIOUS AGENCIES													
I-5 (SR-73 to Oso Parkway) Segment 1 - The project will add one general purpose lane on the I-5 in each direction between SR-73 and Oso Creek (approximately 2.2 miles), reconstruct Avery Parkway interchanges and add auxiliary lanes where needed. (PPNO 2655). Project is split with ORA111801 and ORA131712. (Utilize Toll Credit Match for RSTP/STBG)													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	
STP LOCAL - REGIONAL	10,768	13,415	3,984	28,167	10,768	10,855		3,984	2,560			28,167	
ORANGE M2 - FREEWAY	1,954	20,726	72,616	95,296	3,389	19,291		72,616				95,296	
SB1 LOCAL PARTNERSHIP FORMULA FUNDS			18,242	18,242				18,242				18,242	
STIP Advance Cons			73,735	73,735				73,735				73,735	
ORA131711 Total	12,722	34,141	168,577	215,440	14,157	30,146		168,577	2,560			215,440	
ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA171904	Orange	SCAB		2M0730	NCN46	5	12.4	18.9			S	EXEMPT - 93.126	19
Description: PTC 7,900 Agency VARIOUS AGENCIES													
I-5 Improvements from SR-73 to El Toro Road (replacement planting/landscaping). Replacement planting/landscaping related to ORA131711, ORA111801, and ORA131712.													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	
ORANGE M2 - FREEWAY													
STIP Advance Cons													
ORA171904 Total													
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			S	NON-EXEMPT	21
Description: PTC 205,695 Agency VARIOUS AGENCIES													
I-5 (Oso Creek to Alicia Parkway) Segment 2 - The project will add one general purpose lane on the I-5 in each direction between Oso Creek and Alicia Parkway (approximately 2.6 miles), reconstruct La Paz Road interchange and add auxiliary lanes where needed. (Utilize Toll Credit Match for RSTP/STBG)													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	
STP LOCAL - REGIONAL	11,667	4,144	39,786	55,597	11,667	4,144		10,921	9,504	19,361		55,597	
LOCAL ADVANCE CONSTRUCTION							39,786	-10,921	-9,504	-19,361			



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ORANGE M2 - FREEWAY	9,247	8,841	132,010	150,098	10,440	7,648			132,010				150,098
<b>ORA131712 Total</b>	<b>20,914</b>	<b>12,985</b>	<b>171,796</b>	<b>205,695</b>	<b>22,107</b>	<b>11,792</b>	<b>39,786</b>		<b>132,010</b>				<b>205,695</b>

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA111801	Orange	SCAB		2M0730	CAX63	5	17.1	18.9			S	TCM Committed	24
Description:							PTC	183,825			Agency	VARIOUS AGENCIES	
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.													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
STP LOCAL - REGIONAL	9,710	9,419	30,768	49,897	9,710	9,419				30,768			49,897
ORANGE M2 - FREEWAY	1,568	17,623	44,826	64,017	2,761	16,430				44,826			64,017
STIP ADVANCE CON-RIP													
<b>ORA111801 Total</b>	<b>11,278</b>	<b>27,042</b>	<b>75,594</b>	<b>113,914</b>	<b>12,471</b>	<b>25,849</b>				<b>75,594</b>			<b>113,914</b>

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA131105	Orange	SCAB		ORA040607	STUDY	5	17.9	19.3			S	EXEMPT - 93.126	2
Description:							PTC	57,954			Agency	ORANGE COUNTY TRANS AUTHORITY (OCTA)	
El Toro Road Interchange - on I-5 from Los Alisos Boulevard Overcrossing to Ridge Route Drive. (utilize toll credit match for RSTP)													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
STP LOCAL - REGIONAL	4,400			4,400		4,400							4,400
<b>ORA131105 Total</b>	<b>4,400</b>			<b>4,400</b>		<b>4,400</b>							<b>4,400</b>

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA130302	Orange	SCAB		2M0731	STUDY	5	21.3	30.3			S	EXEMPT/MODELED	19
Description:							PTC	452,000			Agency	VARIOUS AGENCIES	
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 toll credit match for PA&ED FY 12/13 RSTP funds.													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
STP LOCAL													
STP LOCAL - REGIONAL	8,000			8,000	8,000								8,000
ORANGE CO. MEASURE M2 - REGIONAL CAPACITY													
STIP ADVANCE CON-RIP													
<b>ORA130302 Total</b>	<b>8,000</b>			<b>8,000</b>	<b>8,000</b>								<b>8,000</b>

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA111210	Orange	SCAB		2H0703	CAX69	5	31.3	34.2			S	TCM Committed	17
Description:							PTC	39,052			Agency	VARIOUS AGENCIES	
I-5 FROM SR 55 TO SR 57 - ADD 1 HOV LANE EACH DIRECTION (PPNO 2883A). Signage from PM 31.1 to 37.7. (Utilize toll credit match)													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
CMAQ	2,800		29,603	32,403	2,800		29,603						32,403
STP LOCAL - REGIONAL			1,340	1,340			1,340						1,340
ORANGE M2 - FREEWAY	3,177	232	1,900	5,309	3,409		1,900						5,309
<b>ORA111210 Total</b>	<b>5,977</b>	<b>232</b>	<b>32,843</b>	<b>39,052</b>	<b>6,209</b>		<b>32,843</b>						<b>39,052</b>



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ORA015	Orange	SCAB		ORA015	NCRH1	55	5.3	5.3			S	EXEMPT - 93.127	0	
Description: 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.														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
CITY FUNDS		150		750	900		150	750						900
ORA015 Total		150		750	900		150	750						900

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment	
ORA100511	Orange	SCAB		2M0733	CAN69	55	6.29	10.32			S	TCM Committed	21	
Description: SR-55 WIDENING BETWEEN I-405 AND I-5 - ADD 1 MF AND 1 HOV 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. Toll Credit for RSTP and CMAQ.														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
CMAQ			20,000	3,355	23,355			9,786		10,214		3,355		23,355
STP LOCAL - REGIONAL AGENCY		17,000	63,450	70,000	80,450			41,078		33,856	5,516			80,450
LOCAL ADVANCE CONSTRUCTION					70,000							70,000		70,000
ORANGE M2 - FREEWAY				5,000	5,000							5,000		5,000
ORANGE CO. MEASURE M2 - REGIONAL CAPACITY		7,027	14,731		21,758	21,758								21,758
SHOPP - ADVANCE CONSTRUCTION		3,700	27,200	15,900	46,800		30,900					15,900		46,800
STIP Advance Cons				80,000	80,000								80,000	80,000
ORA100511 Total		27,727	125,381	174,255	327,363	21,758	30,900	66,270		34,180		94,255	80,000	327,363

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment	
ORA131301	Orange	SCAB		2121002	PLN40	55	10.4	17.9			S	EXEMPT/MODELED	8	
Description: SR-55 (I-5 to SR-91) – Add 1 MF lane each direction and fix chokepoints from I-5 to SR-22; and other operational improvements throughout project limits (Utilize toll credit match for RSTP) (Study Only)														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
STP LOCAL - REGIONAL		5,000			5,000		5,000							5,000
ORA131301 Total		5,000			5,000		5,000							5,000

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment	
ORA120320	Orange	SCAB		ORA120320	CAR88	57	20.3	21.6			S	NON-EXEMPT	23	
Description: SR-57/LAMBERT RD INTERCHANGE IMPROVEMENTS - RECONFIG EXISTING DIAMOND INTERCHANGE TO LOOP RAMP, ADD SB LN ON OFFRAMP (PPNO 3834)														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
DEMO - TEA 21		924			924	924								924
CITY FUNDS		6,021	6,529	12,550	12,550	1,000	1,732	3,289		6,529				12,550
ORANGE CO. MEASURE M2 - REGIONAL CAPACITY		927	5,929	12,398	19,254	927		5,929		12,398				19,254
SB1TRADE CORRIDOR ENHANCEMENT				65,705	65,705					65,705				65,705



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STIP Advance Cons			9,000	9,000					9,000				9,000
ORA120320 Total	7,872	12,458	87,103	107,433	2,851	1,732	9,218	93,632					107,433

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA000820	Orange	SCAB		2TK01116	PLN40	57	21.2	.68			S	EXEMPT/MODELED	19
Description: SR-57 TRUCK CLIMBING AUX LANE FROM LAMBERT TO LA CO. LINE (PE ONLY)(PPNO 3847A)													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
ORANGE CO. MEASURE M2 - REGIONAL CAPACITY	250			250							250		250
STIP Advance Cons	4,050			4,050							4,050		4,050
ORA000820 Total	4,300			4,300							4,300		4,300

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
10254	Orange	SCAB		10254	CAN69	73	9.6	25.45			S	TCM Committed	0
Description: 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. 1 ADDITIONAL M/F EA DIR, PLUS CLIMBING & AUX LANES BY 2020.													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
PRIVATE FUNDS	4,290		346,898	351,188	25,088		39,900		143,100	143,100			351,188
10254 Total	4,290		346,898	351,188	25,088		39,900		143,100	143,100			351,188

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA150110	Orange	SCAB		2M0736	PLN40	91	4.2	11			S	EXEMPT/MODELED	11
Description: SR-91 (SR-57 to SR-55) - ADD 1 MF LANE EB FROM 55 TO 57; ADD 1 MF LANE WB FROM GLASSELL TO STATE COLLEGE; IMPROVE INTERCHANGES AND MERGING FROM LAKEVIEW TO RAYMOND(PA&ED Phase). AUXILIARY LANES WILL BE ADDED IN CERTAIN SEGMENTS (PA&ED PHASE).													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
STP LOCAL - REGIONAL	7,000			7,000	7,000								7,000
AGENCY	50			50							50		50
ORANGE M2 - FREEWAY	2,000			2,000	2,000								2,000
ORA150110 Total	9,050			9,050	9,000						50		9,050

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA051	Orange	SCAB		ORA051	CAN69	241	13.8	26.5			S	TCM Committed	0
Description: 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.													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	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



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ORA052	Orange	SCAB		ORA052	CAX67	241	14.4	4.1			S	NON-EXEMPT	11																																																				
Description: FOOTHILL TRANSPORTATION CORRIDOR-SOUTH (FTC-S - SR 241). 10.3 MI TOLL ROAD BETWEEN SAN DIEGO COUNTY LINE AND OSO PKWY. 2 M/F EA DIR FROM OSO PKWY TO SAN DIEGO CO LINE BY 2026. PAED Phase.																																																																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Fund</td> <td style="width: 10%;">ENG</td> <td style="width: 10%;">R/W</td> <td style="width: 10%;">CON</td> <td style="width: 10%;">Total</td> <td style="width: 10%;">Prior</td> <td style="width: 10%;">2016/2017</td> <td style="width: 10%;">2017/2018</td> <td style="width: 10%;">2018/2019</td> <td style="width: 10%;">2019/2020</td> <td style="width: 10%;">2020/2021</td> <td style="width: 10%;">2021/2022</td> <td style="width: 10%;">Total</td> </tr> <tr> <td>PRIVATE FUNDS</td> <td>304,361</td> <td></td> <td></td> <td>304,361</td> <td>154,807</td> <td>19,781</td> <td>29,663</td> <td>49,617</td> <td>18,493</td> <td>14,000</td> <td>18,000</td> <td>304,361</td> </tr> <tr> <td>ORA052 Total</td> <td>304,361</td> <td></td> <td></td> <td>304,361</td> <td>154,807</td> <td>19,781</td> <td>29,663</td> <td>49,617</td> <td>18,493</td> <td>14,000</td> <td>18,000</td> <td>304,361</td> </tr> </table>														Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	PRIVATE FUNDS	304,361			304,361	154,807	19,781	29,663	49,617	18,493	14,000	18,000	304,361	ORA052 Total	304,361			304,361	154,807	19,781	29,663	49,617	18,493	14,000	18,000	304,361													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total																																																					
PRIVATE FUNDS	304,361			304,361	154,807	19,781	29,663	49,617	18,493	14,000	18,000	304,361																																																					
ORA052 Total	304,361			304,361	154,807	19,781	29,663	49,617	18,493	14,000	18,000	304,361																																																					
ORA11207	Orange	SCAB		2T01135	CAXT7	241	36.1	39.1			S	TCM	11																																																				
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.																																																																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Fund</td> <td style="width: 10%;">ENG</td> <td style="width: 10%;">R/W</td> <td style="width: 10%;">CON</td> <td style="width: 10%;">Total</td> <td style="width: 10%;">Prior</td> <td style="width: 10%;">2016/2017</td> <td style="width: 10%;">2017/2018</td> <td style="width: 10%;">2018/2019</td> <td style="width: 10%;">2019/2020</td> <td style="width: 10%;">2020/2021</td> <td style="width: 10%;">2021/2022</td> <td style="width: 10%;">Total</td> </tr> <tr> <td>2016 EARMARK REPURPOSING</td> <td></td> <td></td> <td>7,119</td> <td>7,119</td> <td></td> <td></td> <td></td> <td>7,119</td> <td></td> <td></td> <td></td> <td>7,119</td> </tr> <tr> <td>PRIVATE FUNDS</td> <td>33,728</td> <td>2,000</td> <td>139,401</td> <td>175,129</td> <td>3,557</td> <td>6,172</td> <td>12,969</td> <td>63,085</td> <td>56,303</td> <td>33,043</td> <td></td> <td>175,129</td> </tr> <tr> <td>ORA11207 Total</td> <td>33,728</td> <td>2,000</td> <td>146,520</td> <td>182,248</td> <td>3,557</td> <td>6,172</td> <td>12,969</td> <td>70,204</td> <td>56,303</td> <td>33,043</td> <td></td> <td>182,248</td> </tr> </table>														Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	2016 EARMARK REPURPOSING			7,119	7,119				7,119				7,119	PRIVATE FUNDS	33,728	2,000	139,401	175,129	3,557	6,172	12,969	63,085	56,303	33,043		175,129	ORA11207 Total	33,728	2,000	146,520	182,248	3,557	6,172	12,969	70,204	56,303	33,043		182,248
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total																																																					
2016 EARMARK REPURPOSING			7,119	7,119				7,119				7,119																																																					
PRIVATE FUNDS	33,728	2,000	139,401	175,129	3,557	6,172	12,969	63,085	56,303	33,043		175,129																																																					
ORA11207 Total	33,728	2,000	146,520	182,248	3,557	6,172	12,969	70,204	56,303	33,043		182,248																																																					
ORA050	Orange	SCAB		ORA050	CAN69	241	38.8	12.4			S	TCM Committed	0																																																				
Description: 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.																																																																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Fund</td> <td style="width: 10%;">ENG</td> <td style="width: 10%;">R/W</td> <td style="width: 10%;">CON</td> <td style="width: 10%;">Total</td> <td style="width: 10%;">Prior</td> <td style="width: 10%;">2016/2017</td> <td style="width: 10%;">2017/2018</td> <td style="width: 10%;">2018/2019</td> <td style="width: 10%;">2019/2020</td> <td style="width: 10%;">2020/2021</td> <td style="width: 10%;">2021/2022</td> <td style="width: 10%;">Total</td> </tr> <tr> <td>PRIVATE FUNDS</td> <td>17,980</td> <td></td> <td>613,922</td> <td>631,902</td> <td>178,902</td> <td>15,000</td> <td>146,000</td> <td>146,000</td> <td>146,000</td> <td></td> <td></td> <td>631,902</td> </tr> <tr> <td>ORA050 Total</td> <td>17,980</td> <td></td> <td>613,922</td> <td>631,902</td> <td>178,902</td> <td>15,000</td> <td>146,000</td> <td>146,000</td> <td>146,000</td> <td></td> <td></td> <td>631,902</td> </tr> </table>														Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	PRIVATE FUNDS	17,980		613,922	631,902	178,902	15,000	146,000	146,000	146,000			631,902	ORA050 Total	17,980		613,922	631,902	178,902	15,000	146,000	146,000	146,000			631,902													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total																																																					
PRIVATE FUNDS	17,980		613,922	631,902	178,902	15,000	146,000	146,000	146,000			631,902																																																					
ORA050 Total	17,980		613,922	631,902	178,902	15,000	146,000	146,000	146,000			631,902																																																					
ORA131304	Orange	SCAB		2M0728	STUDY	405	.2	8.7			S	EXEMPT/MODELED	2																																																				
Description: 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.																																																																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Fund</td> <td style="width: 10%;">ENG</td> <td style="width: 10%;">R/W</td> <td style="width: 10%;">CON</td> <td style="width: 10%;">Total</td> <td style="width: 10%;">Prior</td> <td style="width: 10%;">2016/2017</td> <td style="width: 10%;">2017/2018</td> <td style="width: 10%;">2018/2019</td> <td style="width: 10%;">2019/2020</td> <td style="width: 10%;">2020/2021</td> <td style="width: 10%;">2021/2022</td> <td style="width: 10%;">Total</td> </tr> <tr> <td>STP LOCAL - REGIONAL</td> <td>8,000</td> <td></td> <td></td> <td>8,000</td> <td>8,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8,000</td> </tr> <tr> <td>AGENCY</td> <td>50</td> <td></td> <td></td> <td>50</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>50</td> <td></td> <td>50</td> </tr> <tr> <td>ORA131304 Total</td> <td>8,050</td> <td></td> <td></td> <td>8,050</td> <td>8,000</td> <td></td> <td></td> <td></td> <td></td> <td>50</td> <td></td> <td>8,050</td> </tr> </table>														Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	STP LOCAL - REGIONAL	8,000			8,000	8,000							8,000	AGENCY	50			50						50		50	ORA131304 Total	8,050			8,050	8,000					50		8,050
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total																																																					
STP LOCAL - REGIONAL	8,000			8,000	8,000							8,000																																																					
AGENCY	50			50						50		50																																																					
ORA131304 Total	8,050			8,050	8,000					50		8,050																																																					
ORA130064	Orange	SCAB		2M0728	NCN21	405	3.81	3.09			S	EXEMPT - 93.126	19																																																				
Description: I-405 – add one southbound auxiliary lane from University Drive to Sand Canyon (Segment 2) and Sand Canyon Avenue to SR-133 (Segment 1)(PPNO 4956). Estimated total project cost of \$15.94 million																																																																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Fund</td> <td style="width: 10%;">ENG</td> <td style="width: 10%;">R/W</td> <td style="width: 10%;">CON</td> <td style="width: 10%;">Total</td> <td style="width: 10%;">Prior</td> <td style="width: 10%;">2016/2017</td> <td style="width: 10%;">2017/2018</td> <td style="width: 10%;">2018/2019</td> <td style="width: 10%;">2019/2020</td> <td style="width: 10%;">2020/2021</td> <td style="width: 10%;">2021/2022</td> <td style="width: 10%;">Total</td> </tr> <tr> <td>SHOPP - ADVANCE CONSTRUCTION</td> <td></td> <td></td> <td>8,200</td> <td>8,200</td> <td></td> <td></td> <td></td> <td>8,200</td> <td></td> <td></td> <td></td> <td>8,200</td> </tr> </table>														Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	SHOPP - ADVANCE CONSTRUCTION			8,200	8,200				8,200				8,200																										
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total																																																					
SHOPP - ADVANCE CONSTRUCTION			8,200	8,200				8,200				8,200																																																					



## 2017 Federal Transportation Improvement Program

Orange County  
State Highway  
Including Amendments 1-24  
(in \$000's)

STIP ADVANCE CON-RIP	2,328		2,328	528	1,800								2,328
ORA130064 Total	2,328	8,200	10,528	528	1,800			8,200					10,528

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA030605	Orange	SCAB		ORA030605	CAX62	405	9.3	24.2			S	TCM Committed	13
Description:							PTC	1,900,000			Agency	ORANGE COUNTY TRANS AUTHORITY (OCTA)	
I-405 FROM SR-73 TO I-605. Add 1 MF lane in each direction and additional capital improvements (by 2022), convert existing HOV to HOT. Add 1 additional HOT lane each direction (by 2035). Combined with ORA045, ORA151, ORA100507, ORA120310, and ORA030605A. Signage from PM 7.6 to 24.2													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	
FFY 2006 APPROPRIATIONS EARMARKS	990			990	990							990	
DEMO-SAFETEA-LU	2,968			2,968	2,968							2,968	
DEMO - TEA 21	5,560			5,560	5,560							5,560	
INTERSTATE MAINTENANC			1,130	1,130	1,130							1,130	
STP LOCAL - REGIONAL	8,353	746	25,901	35,000	31,192		3,808					35,000	
TRANSPORTATION INFRASTRUCTURE FINANCE & INNOVATION ACT	32,782	71,014	525,134	628,930			628,930					628,930	
LOCAL ADVANCE CONSTRUCTION						3,808	-3,808						
ORANGE M2 - FREEWAY	11,493	238,890	885,268	1,135,651	11,493		1,124,158					1,135,651	
SHOPP - ADVANCE CONSTRUCTION			82,000	82,000	82,000							82,000	
TRADE CORRIDOR PROGRAM			7,771	7,771			7,771					7,771	
ORA030605 Total	62,146	310,650	1,527,204	1,900,000	139,141		1,760,859					1,900,000	

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA170005	Orange	SCAB		2M0719	NCRH3	605	1.1	1.6			S	EXEMPT - 93.126	10
Description:							PTC	1,250			Agency	ORANGE COUNTY TRANS AUTHORITY (OCTA)	
I-605/Katella Ave Interchange - improve the local interchange to improve freeway access, traffic operations, enhance safety, and improve pedestrian and bicycle facilities within project limits.													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	
AGENCY	50			50								50	
ORANGE M2 - FREEWAY	1,200			1,200			1,200					1,200	
ORA170005 Total	1,250			1,250			1,200					1,250	

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA001102	Orange	SCAB		REG0701	SHP02	999					S	EXEMPT - 93.126	23
Description:							PTC	292,238			Agency	CALTRANS	
Grouped Projects for Safety Improvements - SHOPP Collision Reduction Program Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Railroad/highway crossing, Shoulder imp, traffic control devices, ops assistance Intersection signalization projects Pavement marking, Lighting improvements													
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total	
COUNTY			21,798	21,798					21,798			21,798	
SHOPP - ADVANCE CONSTRUCTION			270,440	270,440		22,668	44,511	56,278	146,983			270,440	
ORA001102 Total			292,238	292,238		22,668	44,511	56,278	168,781			292,238	



## 2017 Federal Transportation Improvement Program

Orange County  
State Highway  
Including Amendments 1-24  
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ProjectID	County	Air Basin	Model	RTP ID		Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment
ORA001103	Orange	SCAB		REG0701		SHP03	999					S	EXEMPT - 93.126	22
Description:								PTC	112,791			Agency	CALTRANS	
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)														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
NATIONAL HWY SYSTEM - HM				8,492	8,492		4,251				4,241			8,492
SHOPP - ADVANCE CONSTRUCTION				104,299	104,299		37,015	2,054		17,355	47,875			104,299
ORA001103 Total				112,791	112,791		41,266	2,054		17,355	52,116			112,791
ORA001104	Orange	SCAB		REG0701		SHP02	999					S	EXEMPT - 93.126	0
Description:								PTC	1,260			Agency	CALTRANS	
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														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
SHOPP - ADVANCE CONSTRUCTION				1,260	1,260		1,260							1,260
ORA001104 Total				1,260	1,260		1,260							1,260
ORA001105	Orange	SCAB		REG0701		SHP01	999					S	EXEMPT - 93.126	23
Description:								PTC	168,025			Agency	CALTRANS	
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														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
SHOPP - ADVANCE CONSTRUCTION				168,025	168,025			17,105		12,369	138,551			168,025
ORA001105 Total				168,025	168,025			17,105		12,369	138,551			168,025
ORA001108	Orange	SCAB		REG0701		SHP04	999					S	EXEMPT - 93.126	22
Description:								PTC	59,227			Agency	CALTRANS	
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														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
SHOPP - ADVANCE CONSTRUCTION				59,227	59,227		13,168	5,286		4,700	36,073			59,227
ORA001108 Total				59,227	59,227		13,168	5,286		4,700	36,073			59,227



## 2017 Federal Transportation Improvement Program

Orange County  
State Highway  
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ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment	
ORA001109	Orange	SCAB		REG0701	SHP04	999					S	EXEMPT - 93.126	22	
Description:							PTC	8,087			Agency	CALTRANS		
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).														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
SHOPP - ADVANCE CONSTRUCTION				8,087	8,087						8,087			8,087
ORA001109 Total				8,087	8,087						8,087			8,087
ORA082603	Orange	SCAB		REG0701	SHP03	999					S	EXEMPT - 93.126	0	
Description:							PTC	2,813			Agency	CALTRANS		
Grouped Projects for Emergency Repair - SHOPP Emergency Response Program. Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Repair damage caused by natural disasters, civil unrest, or terrorist acts. This applies to damages that do not qualify for Federal Emergency Relief funds or to damages that qualify for federal Emergency Relief funds but extend beyond the Federally declared disaster period														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
SHOPP - ADVANCE CONSTRUCTION				2,813	2,813		2,813							2,813
ORA082603 Total				2,813	2,813		2,813							2,813
ORA084402	Orange	SCAB		REG0701	SHP01	999					S	EXEMPT - 93.126	0	
Description:							PTC	580			Agency	CALTRANS		
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														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
STATE CASH- SHOPP				580	580		580							580
ORA084402 Total				580	580		580							580
ORA040607	Orange	SCAB		ORA040607	PPM01	999					S	EXEMPT - 93.126	19	
Description:							PTC	20,080			Agency	ORANGE COUNTY TRANS AUTHORITY (OCTA)		
Orange County - Countywide activities: Planning, Programming and Monitoring (PPM)(PPNO 2132)														
Fund		ENG	R/W	CON	Total	Prior	2016/2017	2017/2018		2018/2019	2019/2020	2020/2021	2021/2022	Total
STATE CASH - RIP				18,232	18,232	11,522	1,899	1,482		1,481			1,848	18,232
ORA040607 Total				18,232	18,232	11,522	1,899	1,482		1,481			1,848	18,232
Grand Total		564,976	535,509	4,360,676	5,461,161	833,211	1,999,488	498,393		988,259	896,214	145,698	99,898	5,461,161