



2017 Federal Transportation Improvement Program

Orange County
State Highway
Including Amendments 1 - 15
(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 | |
| ORA131711 | Orange | SCAB | | 2M0730 | CAX63 | 5 | 12.4 | 14.5 | | | S | NON-EXEMPT | 4 |
| Description: PTC 136,421 Agency ORANGE COUNTY TRANS AUTHORITY (OCTA) | | | | | | | | | | | | | |
| 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 | | | 13,415 | 3,984 | | | 28,167 | |
| ORANGE M2 - FREEWAY | 1,250 | 24,257 | 4,717 | 30,224 | 2,197 | 23,310 | | | | 4,717 | | 30,224 | |
| STIP ADVANCE CON-RIP | | | 78,030 | 78,030 | | | | | | 78,030 | | 78,030 | |
| ORA131711 Total | 12,018 | 37,672 | 86,731 | 136,421 | 12,965 | 23,310 | | 13,415 | 3,984 | 82,747 | | 136,421 | |
| ORA131712 | Orange | SCAB | | 2M0730 | CAX63 | 5 | 14.5 | 17.1 | | | S | NON-EXEMPT | 2 |
| Description: PTC 196,167 Agency ORANGE COUNTY TRANS AUTHORITY (OCTA) | | | | | | | | | | | | | |
| 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 | 31,820 | 47,631 | 11,667 | 4,144 | 31,820 | | | | | 47,631 | |
| ORANGE M2 - FREEWAY | 5,685 | 8,841 | 134,010 | 148,536 | 6,878 | 7,648 | | 134,010 | | | | 148,536 | |
| ORA131712 Total | 17,352 | 12,985 | 165,830 | 196,167 | 18,545 | 11,792 | 31,820 | 134,010 | | | | 196,167 | |
| ORA111801 | Orange | SCAB | | 2M0730 | CAX63 | 5 | 17.1 | 18.9 | | | S | TCM Committed | 2 |
| Description: PTC 133,553 Agency ORANGE COUNTY TRANS AUTHORITY (OCTA) | | | | | | | | | | | | | |
| 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 | 20,000 | 39,129 | 9,710 | 9,419 | | 20,000 | | | | 39,129 | |
| ORANGE M2 - FREEWAY | 793 | 17,623 | 76,008 | 94,424 | 1,986 | 16,430 | | 76,008 | | | | 94,424 | |
| ORA111801 Total | 10,503 | 27,042 | 96,008 | 133,553 | 11,696 | 25,849 | | 96,008 | | | | 133,553 | |



2017 Federal Transportation Improvement Program

Orange County
State Highway
Including Amendments 1 - 15
(In \$000's)

| 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 | |
| ORA131105 Total | 4,400 | | | 4,400 | | 4,400 | | | | | | 4,400 | |
| ORA130302 | Orange | SCAB | | 2M0731 | STUDY | 5 | 21.3 | 30.3 | | | S | EXEMPT/MODELED | 2 |
| Description: | | | | | | | PTC | 452,000 | | | Agency | ORANGE COUNTY TRANS AUTHORITY (OCTA) | |
| 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 | | | | | | | | | | | | | |
| 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 | |
| ORA130302 Total | 8,050 | | | 8,050 | 8,000 | | | | | 50 | | 8,050 | |
| ORA111210 | Orange | SCAB | | 2H0703 | CAX69 | 5 | 31.3 | 34.2 | | | S | TCM Committed | 15 |
| Description: | | | | | | | PTC | 39,052 | | | Agency | ORANGE COUNTY TRANS AUTHORITY (OCTA) | |
| 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 | |
| ORA111210 Total | 5,977 | 232 | 32,843 | 39,052 | 6,209 | | 32,843 | | | | | 39,052 | |
| ORA015 | Orange | SCAB | | ORA015 | NCRH1 | 55 | 5.3 | 5.3 | | | S | EXEMPT - 93.127 | 0 |
| Description: | | | | | | | PTC | 900 | | | Agency | COSTA MESA | |
| 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 | |
| ORA100511 | Orange | SCAB | | 2M0733 | CAN69 | 55 | 6.29 | 10.32 | | | S | TCM | 10 |
| Description: | | | | | | | PTC | 369,400 | | | Agency | ORANGE COUNTY TRANS AUTHORITY (OCTA) | |
| 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 (PS&E and PAED). Toll Credit 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 | 13,800 | | | 13,800 | | | | | 13,800 | | | 13,800 | |
| ORANGE CO. MEASURE M2 - REGIONAL CAPACITY | 6,523 | | | 6,523 | 6,523 | | | | | | | 6,523 | |



2017 Federal Transportation Improvement Program

Orange County
State Highway
Including Amendments 1 - 15
(In \$000's)

| | | | | | | | | | | | | | | |
|------------------------------|--------|--|--|--------|-------|--|-------|--|--|--|--|--------|--|--------|
| SHOPP - ADVANCE CONSTRUCTION | 3,700 | | | 3,700 | | | 3,700 | | | | | | | 3,700 |
| ORA100511 Total | 24,023 | | | 24,023 | 6,523 | | 3,700 | | | | | 13,800 | | 24,023 |

| 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 | 20.1 | 21.8 | | | S | NON-EXEMPT | 0 |
| 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 | |
| AGENCY | | | 13,100 | 13,100 | | | | | | | 13,100 | 13,100 | |
| CITY FUNDS | 2,949 | 9,884 | 27,003 | 39,836 | 2,049 | 900 | | | 9,884 | | 27,003 | 39,836 | |
| ORANGE CO. MEASURE M2 - REGIONAL CAPACITY | 927 | | | 927 | 927 | | | | | | | 927 | |
| STIP ADVANCE CON-RIP | | 9,000 | | 9,000 | | | | | 9,000 | | | 9,000 | |
| ORA120320 Total | 4,800 | 18,884 | 40,103 | 63,787 | 3,900 | 900 | | | 18,884 | | 40,103 | 63,787 | |

| 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 | 0 |
| 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 | |
| AGENCY | 4,300 | | | 4,300 | | | | | | 4,300 | | 4,300 | |
| 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 | |



2017 Federal Transportation Improvement Program

Orange County
State Highway
Including Amendments 1 - 15
(In \$000's)

| 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). | | | | | | | | | | | | | |
| | | 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 |
| 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. | | | | | | | | | | | | | |
| | | 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 |
| 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. | | | | | | | | | | | | | |
| | | 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 |
| ORA111207 | 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. | | | | | | | | | | | | | |
| | | 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 |
| ORA111207 Total | | 33,728 | 2,000 | 146,520 | 182,248 | 3,557 | 6,172 | 12,969 | 70,204 | 56,303 | 33,043 | | 182,248 |



2017 Federal Transportation Improvement Program

Orange County
State Highway
Including Amendments 1 - 15
(In \$000's)

| ProjectID | County | Air Basin | Model | RTP ID | Program | Route | Begin | End | Signage Begin | Signage End | System | Conformity Category | Amendment | |
|--|--------|-----------|-------|---------|---------|---------|-----------|-----------|---------------|-------------|-----------|---------------------|-----------|---------|
| 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. | | | | | | | | | | | | | | |
| 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 |

| ProjectID | County | Air Basin | Model | RTP ID | Program | Route | Begin | End | Signage Begin | Signage End | System | Conformity Category | Amendment | |
|---|--------|-----------|-------|--------|---------|-------|-----------|-----------|---------------|-------------|-----------|---------------------|-----------|-------|
| 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. | | | | | | | | | | | | | | |
| 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 |

| ProjectID | County | Air Basin | Model | RTP ID | Program | Route | Begin | End | Signage Begin | Signage End | System | Conformity Category | Amendment | |
|---|--------|-----------|-------|--------|---------|-------|-----------|-----------|---------------|-------------|-----------|---------------------|-----------|-------|
| ORA130064 | Orange | SCAB | | 2M0728 | NCN21 | 405 | 3.81 | 3.09 | | | S | EXEMPT - 93.126 | 1 | |
| 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 | | | | | | | | | | | | | | |
| Fund | | ENG | R/W | CON | Total | Prior | 2016/2017 | 2017/2018 | | 2018/2019 | 2019/2020 | 2020/2021 | 2021/2022 | Total |
| STIP ADVANCE CON-RIP | | 2,328 | | | 2,328 | 528 | 1,800 | | | | | | | 2,328 |
| ORA130064 Total | | 2,328 | | | 2,328 | 528 | 1,800 | | | | | | | 2,328 |

| 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: 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 |



2017 Federal Transportation Improvement Program

Orange County
State Highway
Including Amendments 1 - 15
(In \$000's)

| | | | | | | | | | | | | | | |
|------------------------|--------|---------|-----------|-----------|---------|--|--|-----------|--|--|--|--|--|-----------|
| 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 | | | | | | 50 | 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 | 15 |
| Description: | | | | | | | PTC | 243,920 | | | 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 | | | 222,122 | 222,122 | | 22,668 | 44,416 | | 35,529 | 119,509 | | | 222,122 |
| ORA001102 Total | | | 243,920 | 243,920 | | 22,668 | 44,416 | | 35,529 | 141,307 | | | 243,920 |

| 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 | 14 |
| Description: | | | | | | | PTC | 73,417 | | | 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 | | | 4,251 | 4,251 | | 4,251 | | | | | | | 4,251 |
| SHOPP - ADVANCE CONSTRUCTION | | | 69,166 | 69,166 | | 37,015 | | | 11,385 | 20,766 | | | 69,166 |
| ORA001103 Total | | | 73,417 | 73,417 | | 41,266 | | | 11,385 | 20,766 | | | 73,417 |

| ProjectID | County | Air Basin | Model | RTP ID | Program | Route | Begin | End | Signage Begin | Signage End | System | Conformity Category | Amendment |
|---|--------|-----------|-------|---------|---------|-----------|-----------|-------|---------------|-------------|-----------|---------------------|-----------|
| 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 |



2017 Federal Transportation Improvement Program

Orange County
State Highway
Including Amendments 1 - 15
(In \$000's)

| ProjectID | County | Air Basin | Model | RTP ID | Program | Route | Begin | End | Signage Begin | Signage End | System | Conformity Category | Amendment |
|---|--------|-----------|---------|---------|---------|-----------|-----------|---------|---------------|-------------|-----------|---------------------|-----------|
| ORA001105 | Orange | SCAB | | REG0701 | SHP01 | 999 | | | | | S | EXEMPT - 93.126 | 14 |
| Description: | | | | | | | PTC | 110,069 | | | 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 | | | 110,069 | 110,069 | | | 15,009 | | 10,204 | 84,856 | | | 110,069 |
| ORA001105 Total | | | 110,069 | 110,069 | | | 15,009 | | 10,204 | 84,856 | | | 110,069 |
| ORA001108 | Orange | SCAB | | REG0701 | SHP04 | 999 | | | | | S | EXEMPT - 93.126 | 1 |
| Description: | | | | | | | PTC | 42,914 | | | 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 | | | 42,914 | 42,914 | | | 13,168 | 1,950 | 7,165 | 20,631 | | | 42,914 |
| ORA001108 Total | | | 42,914 | 42,914 | | | 13,168 | 1,950 | 7,165 | 20,631 | | | 42,914 |
| ORA001109 | Orange | SCAB | | REG0701 | SHP04 | 999 | | | | | S | EXEMPT - 93.126 | 14 |
| Description: | | | | | | | PTC | 4,400 | | | 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 | | | 4,400 | 4,400 | | | | | | 4,400 | | | 4,400 |
| ORA001109 Total | | | 4,400 | 4,400 | | | | | | 4,400 | | | 4,400 |
| 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 |



2017 Federal Transportation Improvement Program

Orange County
State Highway
Including Amendments 1 - 15
(In \$000's)

| ProjectID | County | Air Basin | Model | RTP ID | Program | Route | Begin | End | Signage Begin | Signage End | System | Conformity Category | Amendment |
|--|--------|-----------|-------|---------|---------|-----------|-----------|-----------|---------------|-------------|-----------|---------------------|-----------|
| 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 | |

| ProjectID | County | Air Basin | Model | RTP ID | Program | Route | Begin | End | Signage Begin | Signage End | System | Conformity Category | Amendment |
|--|----------------|----------------|------------------|------------------|----------------|------------------|----------------|----------------|----------------|----------------|---------------|--------------------------------------|-----------|
| ORA040607 | Orange | SCAB | | ORA040607 | PPM01 | 999 | | | | | S | EXEMPT - 93.126 | 4 |
| Description: | | | | | | | PTC | 16,361 | | | 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 | | | 16,361 | 16,361 | 11,499 | 1,899 | 1,482 | 1,481 | | | | 16,361 | |
| ORA040607 Total | | | 16,361 | 16,361 | 11,499 | 1,899 | 1,482 | 1,481 | | | | 16,361 | |
| Grand Total | 553,209 | 420,085 | 3,896,304 | 4,869,598 | 813,473 | 1,964,620 | 407,358 | 768,674 | 723,080 | 134,240 | 58,153 | 4,869,598 | |