2019 Federal Transportation Improvement Program

Orange County
Transit
Including Amendments 1-11 and 13-15
(In $000’s)
<table>
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<tr>
<th>Phase</th>
<th>Fund Source</th>
<th>(in $000s)</th>
<th>Prior</th>
<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
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<th>23/24</th>
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**PM (OCTA):** Project consistent w/ 40 CFR Part 93.126 Exempt Tables2 & Table3. Purchase of office, shop, and operating equipment for existing facilities. TDCs/Toll Credits: FY19/20 5307 @ $5,204 (includes FFY18/19 and FFY19/20); FY19/20 5337 @ $2,240 (includes FFY18/19 and FFY19/20); FY20/21 5307 @ $2,572; FY20/21 5337 @ $754; FY21/22 5307 @ $1,952; FY21/22 5337 @ $754; FY22/23 5307 @ $1,952; FY22/23 5337 @ $754; FY23/24 5307 @ $1,952; FY23/24 5337 @ $754

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**FTIP ID**: ORA020120

**Lead Agency**: ORANGE COUNTY TRANS AUTHORITY (OCTA)

**County**: Orange

**Primary Program Code**: BUO00 - BUS OPERATIONS/OPERATING ASSISTANCE

**Air Basin SCAB**: Air Basin SCAB

**RTP ID**: REG0702

**Description**: FIXED ROUTE OPERATING COSTS

**Total Construction**: $1,544,667

**Total Programmed**: $1,544,667
**2019 FTIP - Including Amendments 1-11 & 13-15**

**FTIP ID** ORA020811  
**Lead Agency** ORANGE COUNTY TRANS AUTHORITY (OCTA)  
**FTIP Amendment** Orange County Transportation Authority (OCTA) 19-03  
**Conform EXEMPT Category** 93.126  
**Total Project Cost** $94,599

**County** Orange  
**Primary Program Code** BUR05 - BUSES-REHABILITATION/IMPROVEMENTS-ALTERNATIVE FUEL  
**Air Basin SCAB**  
**RTP ID** 2L206

**System** Transit  
**Project Limits** From to , Begin: 0 End: 0

**Description** Purchase (173) 40-foot Alternative Fuel Replacement Buses (OCTA) in FY 2016-17. Transit Development Credits in FTA 5307 FY11/12 @ $1,267 & FY12/13 @ $1,878, FTA 5307 FY17-18 @ $1,951, FTA 5339 FY17-18 @ $195, FTA 5339 FY18-19 @ $800.

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<th>19/20</th>
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**Total Construction** $90,599 $4,000 - - - - - - $94,599

**Total Programmed** $90,599 $4,000 - - - - - - $94,599
**FTIP ID** | ORA021202  
---|---  
**FTIP Amendment** | Orange County Transportation Authority (OCTA) 19-14  
**Conform** | EXEMPT  
**Category** | 93.126  
**Total Project Cost** | $79,731

**Lead Agency** | ORANGE COUNTY TRANS AUTHORITY (OCTA)  
**System** | Transit  
**Project** | Orange  
**Limits** | From to , Begin: 0 End: 0  
**Description** | BUS OPERATING ASSISTANCE - FOR PARATRANSIT (MISSION VIEJO)

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<th>23/24</th>
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Description


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<th>19/20</th>
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<th>22/23</th>
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**Total Preliminary Engineering**  
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**Total Right of Way**  
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**Total Construction**  
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$14,300  
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### Orange County Transportation Authority (OCTA) 19-13

**Conform Category**: EXEMPT - 93.126

**Total Project Cost**: $460,943

**Lead Agency**: Orange County

**Modeling County**: Orange

**Project Code**: PAO00 - PARATRANSIT OPERATIONS/OPERATING ASSISTANCE

**Air Basin SCAB**: Air Basin SCAB

**RTP ID**: 2OM0701

**Description**: Costs associated w/ contracting for ACCESS & Contracted Fixed Route. - OCTA/MV. TDCs: FY19-20 5339 @ $417 (for FFY17/18); FY19-20 5307 @ $7,362 (includes FFY18/19 & FFY19/20), FY19-20 5310 @ $881 (includes FFY18/19 & FFY19/20); FY20-21 5307 @ $3,791; FY20/21 5310 @ $445; FY20/21 5339 @ $991, FY21/22 5307 @ $4,411; FY21/22 5310 @ $445; FY22-23 5307 @ $4,411; FY22/23 5310 @ $445; FY23/24 5307 @ $4,411; FY23/24 5310 @ $445.

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<tr>
<th>Phase</th>
<th>Fund Source</th>
<th>(in $000s)</th>
<th>Prior</th>
<th>18/19</th>
<th>19/20</th>
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<th>23/24</th>
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**Total Construction**: $89,439

**Total Programmed**: $89,439

**Future Total**: $460,943
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### Orange County Transportation Authority (OCTA) 19-14

**Description:** Anaheim Canyon Station project will add double track and another platform as well as extend the existing platform to be in conformance with the Metrolink standards for passenger platform length. (TDCs in FY18/19 $96 for DES, $29 for ROW and $2,532 for CON; 5307 FHWA Transfer: $82 in FY19/20 from Orange Parking Structure savings already in FTA grant CA-2017-072)

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<th>19/20</th>
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Description: Purchase (11) Midsize 32-foot Alternative Fuel Replacement Buses (OCTA) - (11) in FY 2021-2022
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**Total Construction**

|                      | $19,292 | $1,043 | -     | -     | -     | -     | -     | -     | -     | -      | $20,335|

**Total Programmed**

|                      | $19,292 | $1,043 | -     | -     | -     | -     | -     | -     | -     | -      | $20,335|
Slope Stabilization in the Pacific Surfliner corridor in the cities of Laguna Niguel and Mission Viejo (including slope stabilization/retaining wall for Laguna Niguel Passing Siding). Utilize $400 in Transit Development Credits Match for FTA 5309 FY 12/13 and $225 for FTA 5337 FY 17/18.

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Rideshare Vanpool Program - Capital Lease Cost FY12/13 - FY20/21. Transit Development Credits: FY18/19 FTA 5307 Transfer @ $516, FY20/21 CMAQ @ $516 and FY21/22 CMAQ @ $516
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**Total Construction**

- $353  
- $481  
- $1,907  
- -     
- -     
- -     

**Total Programmed**

- $353  
- $481  
- $1,907  
- -     
- -     
- -     

**Total**

$2,741
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1% Associated Transit Enhancements ✷ Group Projects for Transportation Enhancement Activities (Mission Viejo) Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories ✷ Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities). (Transit Development Credits Match - FTA 5307 FY18/19 for $19K)
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Transit
2019 FTIP - Including Amendments 1-11 & 13-15
### FTIP ID
ORA174

### Lead Agency
ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)

### Orange County Transportation Authority (OCTA) 19-13

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### Modeling

### Project Limits

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### Description

**BUS OPERATING ASSISTANCE FTA9 - FOR PARATRANSIT (OCTA)**

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<th>19/20</th>
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<th>23/24</th>
<th>Future</th>
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**Total Construction**

| Total Construction | $128,068 | $63,800 | $53,929 | $53,929 | $53,929 | $53,929 | - | $407,584 |

**Total Programmed**

<p>| Total Programmed | $128,068 | $63,800 | $53,929 | $53,929 | $53,929 | $53,929 | - | $407,584 |</p>
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**Lead Agency**: ORANGE COUNTY TRANS AUTHORITY (OCTA)

**County**: Orange

**System**: Transit

**Project Limits**: From to

**Description**: Purchase 40-foot alternative fuel replacement vehicles (201). Transit Development Credits: FY18/19 CMAQ @ $6,686; FY19/20 CMAQ @ $1,691; FY20/21 CMAQ @ $1,921; FY22/23 CMAQ @ $5,149.

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<th>20/21</th>
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<th>22/23</th>
<th>23/24</th>
<th>Future</th>
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<td>-</td>
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<tr>
<td>CON</td>
<td>CMAQ - Congestion Mitigation Air Quality</td>
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<td>$16,750</td>
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<td>$44,890</td>
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<td><strong>$14,740</strong></td>
<td><strong>$16,750</strong></td>
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<td><strong>$134,670</strong></td>
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</table>
Purchase Replacement Paratransit Vans (77) - Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories -

Description: Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet. TDCs/Toll Credits FTA 5339: $2,278 in FY19/20, $170 in FY20/21, $1,162 in FY21/22, $1,162 in FY22/23, $1,162 in FY23/24.

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<th>19/20</th>
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<td>$4</td>
<td>$4</td>
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**Total Construction**

**Total Programmed**
### Orange County Transportation Authority (OCTA) 19-14

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<th>23/24</th>
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<td>$932</td>
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<td><strong>$932</strong></td>
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## Orange County Traffic Signal Synchronization Projects: El Toro Road, Magnolia Street and Brookhurst Street

### Description
Orange County Traffic Signal Synchronization Projects: El Toro Road, Magnolia Street and Brookhurst Street. El Toro Road (Bridger Road to Orange Street): 9 miles and includes 20 traffic signals in the Cities of Lake Forest, Mission Viejo, and unincorporated Orange County. Magnolia Street (Banning Avenue to Commonwealth Avenue): The 16.2 miles and includes 50 traffic signals in the cities of Anaheim, Fountain Valley, Fullerton, Garden Grove, Huntington Beach, Stanton, and Westminster. Brookhurst Street (PCH to Commonwealth Avenue): The 16.5 miles and includes 58 traffic signals in the cities of Anaheim, Fountain Valley, Fullerton, Garden Grove, Huntington Beach, and Westminster.

### Phase Fund Source

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund Source</th>
<th>(in $000s)</th>
<th>Prior</th>
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<th>19/20</th>
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<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
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### 2019 FTIP - Including Amendments 1-11 & 13-15

**FTIP ID**: ORA191501  
**Lead Agency**: ORANGE COUNTY TRANS AUTHORITY (OCTA)  
**Orange County Transportation Authority (OCTA) 19-15**  
**Category**: EXEMPT - 93.126  
**Total Project Cost**: $19,500  
**Modeling**

**Description**: Operations for the OC Streetcar project. TDCs: CMAQ: $2,237 in FY20/21.

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<td>20/21</td>
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LAGUNA NIGUEL TO SAN JUAN CAPISTRANO PASSING SIDING - ADD 1.8 MILES OF NEW RAILROAD TRACK ADJACENT TO THE EXISTING MAIN TRACK. (INCLUDES SLOPE STABILIZATION/RETAINING WALL) MP 193.9 - MP 195.7 (project will utilize TDC Match - 5307 FHWA Transfer: $438 in FY13/14; $2,125 in FY16/17. CMAQ: $264 in FY21/22. 5307 FHWA Transfer: $47 in FY19/20 from Orange Parking savings already in grant CA-2017-072)(PPNO 2107)
ATN will replace 40 2002 model year LNG buses that have exceeded their useful life with advanced battery-electric buses. The project will double service levels and add two new routes. ATN intends to move towards an all-electric fleet and this project will increase ATN's fleet of battery-electric buses tenfold from 5 percent to 60 percent of fleet.

<table>
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<th>Phase</th>
<th>Fund Source</th>
<th>(in $000s)</th>
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**Orange County Transportation Authority (OCTA)** 19-15

**CONFORM CATEGORY**: EXEMPT-93.126

**TOTAL PROGRAMMED**: $132,853

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<th>Description</th>
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<th>20/21</th>
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<th>22/23</th>
<th>23/24</th>
<th>Future</th>
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<td>Transit</td>
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<td>Capital Maintenance on Metrolink System - Rehabilitation, reconstruction or replacement of track structures, track and trackbed, signals, communication systems, facilities, stations, platforms, signage, fare collection equipment (TVM) and systems, and rolling stock including the purchase of replacement locomotives with Tier-4 technology. (non-capacity increasing). TDC - FTA 5337: $6,087 in FY19/20; $3,047 in FY20/21; $3,385 in FY21/22; $3,385 in FY22/23; $3,385 in FY23/24. FTA 5307: $4 in FY19/20</td>
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**Total Construction** $36,394 - $30,456 $15,234 $16,923 $16,923 $16,923 - $132,853

**Total Programmed** $36,394 - $30,456 $15,234 $16,923 $16,923 $16,923 - $132,853