2019 Federal Transportation Improvement Program

Orange County

Transit
Including Amendments 1-26
(In $000's)
### 2019 Federal Transportation Improvement Program

**Orange County**

**Transit - Project Listing**

**Including Amendments 1 - 26**

**(In $000’s)**

<table>
<thead>
<tr>
<th>FTIP ID</th>
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<th>Conform Category</th>
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<tbody>
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<tr>
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<td>Orange</td>
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<tr>
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<td>From to</td>
<td></td>
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<td>Description</td>
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<th>19/20</th>
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<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
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**Total Construction**

| Total Construction | $9,890 | $2,389 | $2,449 | $2,510 | $2,572 | -     | -     | -     | -      | $19,810|

**Total Programmed**

| Total Programmed | $9,890 | $2,389 | $2,449 | $2,510 | $2,572 | -     | -     | -     | -      | $19,810|
# 2019 Federal Transportation Improvement Program

**Orange County**

**Transit - Project Listing**

Including Amendments 1 - 26

*(in $000's)*

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<td>EXEMPT 93.126</td>
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<tr>
<td>Total Project Cost</td>
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**Lead Agency**

**County**

**System**

**Project Limits**

From to , Begin: 0 End: 0

**Description**

PM (OCTA): Project consistent w/ 40 CFR Part 93.126 Exempt Tables 2 & Table 3. Purchase of office, shop, and operating equipment for existing facilities. TDCs/Toll Credits: FY18/19 5307 @ $2,632; FY18/19 5337 @ $741; FY19/20 5307 @ $2,635; FY19/20 5337 @ $686; 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

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<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
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**Total Construction**

$37,337 | $16,864 | $16,608 | $16,633 | $13,533 | $13,533 | $13,533 | - | $128,041 |

**Total Programmed**

$37,337 | $16,864 | $16,608 | $16,633 | $13,533 | $13,533 | $13,533 | - | $128,041 |
## 2019 Federal Transportation Improvement Program

**Orange County**  
**Transit - Project Listing**  
Including Amendments 1 - 26  
(In $000's)

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<tr>
<th>FTIP ID</th>
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<th>Total Project Cost</th>
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<td>Orange County Transportation Authority (OCTA) 19-18</td>
<td>EXEMPT 93.126</td>
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### Project Details

- **Lead Agency**: ORANGE COUNTY TRANS AUTHORITY (OCTA) 19-18
- **County**: Orange
- **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 FY19-20 @ $800.

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<th>19/20</th>
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<th>23/24</th>
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<td>CON</td>
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**Lead Agency:** ORANGE COUNTY TRANS AUTHORITY (OCTA)

**County:** Orange

**System:** Transit

**Project Limits:** From 0, Begin: 0 End: 0

**Description:** BUS OPERATING ASSISTANCE - FOR PARATRANSIT (MISSION VIEJO); Toll credits/TDCs: $398 in FY19/20, $398 in FY20/21, $398 in FY21/22, $398 in FY22/23, $398 in FY23/24

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<th>Primary Program Code</th>
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<tr>
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**Total Construction:** $16,518 $10,358 $10,086 $10,086 $10,086 $10,086 - $77,306

**Total Programmed:** $16,518 $10,358 $10,086 $10,086 $10,086 $10,086 - $77,306
## 2019 Federal Transportation Improvement Program
### Orange County Transit - Project Listing
#### Including Amendments 1 - 26

*(In $000's)*

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<td>Air Basin SCAB</td>
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**Description:**

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<th>19/20</th>
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<th>22/23</th>
<th>23/24</th>
<th>Future</th>
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<td>$7,957</td>
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## 2019 Federal Transportation Improvement Program
### Orange County
#### Transit - Project Listing
##### Including Amendments 1 - 26

(In $000's)

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<th>FTIP ID</th>
<th>FTIP Amendment</th>
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<th>County</th>
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<td>Modeling YES</td>
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### Project Details

- **System**: Transit
- **Project Limits**: From to , Begin: 0 End: 0
- **Description**: PLACENTIA TRANSIT STATION - E OF SR-57 AND MELROSE ST AND N OF CROWTHER AVE. CONSTRUCT NEW METROLINK STATION AND RAIL SIDEING PPNO 9514

### Fund Source

<table>
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<th>Fund Source</th>
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<th>23/24</th>
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**Total Preliminary Engineering**: $4,525

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<th>23/24</th>
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**Total Right of Way**: $3,700

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<th>19/20</th>
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<th>22/23</th>
<th>23/24</th>
<th>Future</th>
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**Total Construction**: $12,300

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<th>Total</th>
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**Total Programmed**: $20,525

**Total Programmed**: $34,825
### 2019 Federal Transportation Improvement Program

**Orange County Transit - Project Listing**

*Including Amendments 1 - 26 (in $000's)*

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Conform Category</th>
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#### Lead Agency

**Orange COUNTY TRANS AUTHORITY (OCTA)**

#### County

**Orange**

#### System

**Transit**

#### Project Limits

**Costs associated w/ contracting for ACCESS & Contracted Fixed Route. - OCTA/MV. TDCs: FY18-19 5307 @ $3,571, FY18-19 5310 @ $436, FY19-20 5307 @ $3,791, FY19-20 5310 @ $451; FY20-21 5307 @ $3,791, FY20-21 5310 @ $451; FY20/21 5307 @ $3,791, FY20/21 5310 @ $451; FY21-22 5307 @ $4,411, FY21/22 5310 @ $451; FY22-23 5307 @ $4,411, FY22/23 5310 @ $451; FY22-24 5307 @ $4,411, FY22/24 5310 @ $451.**

<table>
<thead>
<tr>
<th>Description</th>
<th>Phase Fund Source</th>
<th>Prior</th>
<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
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<th>22/23</th>
<th>23/24</th>
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**Total Construction**

$91,525 $85,674 $49,674 $62,035 $57,395 $57,395 $57,395 - $461,093

**Total Programmed**

$91,525 $85,674 $49,674 $62,035 $57,395 $57,395 $57,395 - $461,093

---
### 2019 Federal Transportation Improvement Program
Orange County
Transit - Project Listing
Including Amendments 1 - 26
(In $000`s)

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<tr>
<th>FTIP ID</th>
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</table>

### 2019 Federal Transportation Improvement Program

**Orange County Transit - Project Listing**
**Including Amendments 1 - 26**
**(In $000's)**

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>Lead Agency</th>
<th>County</th>
<th>System Project Limits</th>
<th>Description</th>
<th>FTIP Amendment</th>
<th>Primary Program Code</th>
<th>Conform Category</th>
<th>TCM Commitment</th>
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<td>Orange Transportation Center Parking Structure - project will provide approximately 600 additional transit parking spaces at the Orange Station Parking Center. (Utilize TDC Match FHWA Transfer FY 16/17 for $467)</td>
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<td>TRRH6 - PASSENGER STATIONS/FACILITIES-REHAB/IMPROVEMENTS</td>
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<th>Fund Source</th>
<th>(in $000s)</th>
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<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
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### 2019 Federal Transportation Improvement Program

**Orange County**

**Transit - Project Listing**

Including Amendments 1 - 26

(In $000’s)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>Lead Agency</th>
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#### 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 $136 for DES, $29 for ROW and $2,532 for CON; 5307 FHWA Transfer: $43 in FY19/20 from Orange Parking Structure savings already in FTA grant CA-2017-072)

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<th>20/21</th>
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<th>23/24</th>
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### 2019 Federal Transportation Improvement Program
Orange County
Transit - Project Listing
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(In $000's)

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### Phase Fund Source

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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**

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<th>Future</th>
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</thead>
<tbody>
<tr>
<td>CON</td>
<td>TDA - Transportation Development Act</td>
<td></td>
<td>-</td>
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<td>$2,454</td>
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</table>

**Total Programmed**

<table>
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<tr>
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<th>18/19</th>
<th>19/20</th>
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<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
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<tbody>
<tr>
<td>CON</td>
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## 2019 Federal Transportation Improvement Program
### Orange County
#### Transit - Project Listing
Including Amendments 1 - 26

**(In $000’s)**

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>ORA111802</th>
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<tr>
<td>County</td>
<td>Orange</td>
</tr>
<tr>
<td>Description</td>
<td>Transit From to Purchase (34) 40-foot Alternative Fuel Replacement Buses (Mission Viejo) in FY 2016-17. Transit Development Credits in FTA 5307 FY17/18 @ $429, and FTA 5339 FY19/20 @ $209.</td>
</tr>
</tbody>
</table>

**FTIP Amendment**
- Orange County Transportation Authority (OCTA) 19-18

**Primary Program Code**
- BUR17 - BUSES-REPLACEMENT-ALTERNATIVE FUEL

**Conform Category**
- EXEMPT - 93.126

**Modeling**
- Air Basin SCAB

**RTP ID**
- 2L206

**Total Project Cost**
- $20,335

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<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>CON</td>
<td>5307 - Mission Viejo Urbanized Area</td>
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<td>-</td>
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<td><strong>Total Construction</strong></td>
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<td>$1,043</td>
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<td><strong>$20,335</strong></td>
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<td>$19,292</td>
<td>$1,043</td>
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<td><strong>$20,335</strong></td>
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2019 Federal Transportation Improvement Program  
Orange County  
Transit - Project Listing  
Including Amendments 1 - 26  
(In $000's)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Conform Category Modeling</th>
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<th>Total Project Cost</th>
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<td>ORA112008</td>
<td>Orange County Transportation Authority (OCTA) 19-03</td>
<td>NCR79 - SLOPE AND DRAINAGE IMPROVEMENTS</td>
<td>93.126</td>
<td>$4,472</td>
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<table>
<thead>
<tr>
<th>Lead Agency</th>
<th>County</th>
<th>System</th>
<th>Project Limits</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ORANGE COUNTY TRANS AUTHORITY (OCTA)</td>
<td>Orange</td>
<td>Transit</td>
<td>From to</td>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<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>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
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<th>Total</th>
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<tr>
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<tr>
<td>CON</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>$615</td>
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<tr>
<td>CON</td>
<td>5337 - State of Good Repair UZA 68 Mission Viejo</td>
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<td>CON</td>
<td>AGENCY - Agency</td>
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<td>CON</td>
<td>ORAM2TR - Orange Co. Measure M2-Transit</td>
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**Total Construction**  
$3,457 $1,015 - - - - - $4,472  

**Total Programmed**  
$3,457 $1,015 - - - - - $4,472
### 2019 Federal Transportation Improvement Program
#### Orange County
#### Transit - Project Listing
#### Including Amendments 1 - 26
#### (in $000's)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Conform Category</th>
<th>TCM Committed Total</th>
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<tr>
<td>ORA112702</td>
<td>Orange County Transportation Authority (OCTA)</td>
<td>TDM20 - RIDESHARING</td>
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</table>

<table>
<thead>
<tr>
<th>Lead Agency</th>
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<th>Project Limits</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ORANGE COUNTY TRANS</td>
<td>Orange Transit</td>
<td>From to</td>
<td>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</td>
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<table>
<thead>
<tr>
<th>Primary Program Code</th>
<th>Model Air Basin</th>
<th>Category</th>
<th>Fund Source</th>
<th>Prior (in $000s)</th>
<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDM20 - RIDESHARING</td>
<td>SCAB</td>
<td></td>
<td>CON 5307 - (FHWA Transfer Funds)</td>
<td>$16,169</td>
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<td>$16,169</td>
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<td>SCAB</td>
<td>CMAQ</td>
<td>CON CMAQ - Congestion Mitigation Air Quality</td>
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<td>$3,378</td>
<td>$5,622</td>
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<td></td>
<td><strong>Total Construction</strong></td>
<td>$16,169</td>
<td>-</td>
<td>-</td>
<td>$3,378</td>
<td>$5,622</td>
<td>-</td>
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<td>$25,169</td>
</tr>
<tr>
<td></td>
<td>SCAB</td>
<td></td>
<td><strong>Total Programmed</strong></td>
<td>$16,169</td>
<td>-</td>
<td>-</td>
<td>$3,378</td>
<td>$5,622</td>
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<td>19/20</td>
<td>20/21</td>
<td>21/22</td>
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</tr>
<tr>
<td>ORANGE COUNTY TRANS AUTHORITY (OCTA)</td>
<td>Orange</td>
<td>Transit - Project Listing (In $000's)</td>
<td>ORANGE COUNTY TRANS AUTHORITY (OCTA)</td>
<td>Orange</td>
<td>Transit</td>
<td>Purchase (15) Expansion Paratransit Vans (OCTA)</td>
<td>TDA - Transportation Development Act</td>
<td>-</td>
<td>$353</td>
<td>$481</td>
<td>$1,907</td>
<td>-</td>
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<tr>
<td></td>
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<td>Total Programmed</td>
<td>-</td>
<td>$353</td>
<td>$481</td>
<td>$1,907</td>
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</tbody>
</table>
# 2019 Federal Transportation Improvement Program

## Orange County Transit - Project Listing

Including Amendments 1 - 26

(in $000’s)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Project Leads Agency</th>
<th>Conform Category</th>
<th>Total Project Cost</th>
</tr>
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<tbody>
<tr>
<td>ORA151310</td>
<td>Orange County Transportation Authority (OCTA) 19-03</td>
<td>ORANGE COUNTY TRANS AUTHORITY (OCTA)</td>
<td>EXEMPT - 93.126</td>
<td>$2,179</td>
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</table>

### Description

1% Associated Transit Enhancements – Group Projects for Transportation Enhancement Activities (OCTA) 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 $92K)

### Phase Fund Source

<table>
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<tr>
<th>Phase</th>
<th>Fund Source</th>
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<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
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<tbody>
<tr>
<td>CON</td>
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<td>-</td>
<td>-</td>
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<td>-</td>
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<tr>
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**Total Construction** | - | $2,179 | - | - | - | - | - | - | - | - | $2,179 |

**Total Programmed** | - | $2,179 | - | - | - | - | - | - | - | - | $2,179 |
### 2019 Federal Transportation Improvement Program

**Orange County**

Transit - Project Listing

Including Amendments 1 - 26

(In $000’s)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Conform Category</th>
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<tr>
<td>ORA151311</td>
<td>Orange County Transportation Authority (OCTA) 19-03</td>
<td>93.126 - Modeling</td>
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#### Lead Agency

ORANGE COUNTY TRANS AUTHORITY (OCTA)

#### County

Orange

#### Primary Program Code

NCR10 - PASSENGER BENCHES & SMALL SHELTERS

#### Air Basin

SCAB

#### RTP ID

2TR0709

#### Description

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)

<table>
<thead>
<tr>
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<th>Fund Source</th>
<th>(in $000s)</th>
<th>Prior</th>
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<th>19/20</th>
<th>20/21</th>
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<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
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<td>CON</td>
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<td>$71</td>
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<td><strong>Total Construction</strong></td>
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<td>-</td>
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<td>$451</td>
</tr>
<tr>
<td><strong>Total Programmed</strong></td>
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## 2019 Federal Transportation Improvement Program

### Orange County

#### Transit - Project Listing

Including Amendments 1 - 26

(In $000’s)

<table>
<thead>
<tr>
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<th>FTIP Amendment</th>
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<th>Air Basin</th>
<th>SCAB</th>
<th>RTP ID</th>
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<tbody>
<tr>
<td>ORANGE COUNTY TRAN AUTHORITY (OCTA)</td>
<td>BUN94 - BUSES-EXPANSION-ALTERNATIVE FUEL</td>
<td>SCAB</td>
<td>2L206</td>
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<table>
<thead>
<tr>
<th>County</th>
<th>System</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange</td>
<td>Transit</td>
<td>Six 40’ Compressed Natural Gas Expansion Buses (Route 529)</td>
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</table>

<table>
<thead>
<tr>
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<th>(in $000s)</th>
<th>Prior</th>
<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>CON</td>
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<tr>
<td>CON</td>
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<td></td>
<td>$3,046</td>
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</tbody>
</table>

**Total Construction**

|               |                                           | -         |       | $3,595|       |       |       |       |       |        | $3,595  |

**Total Programmed**

|               |                                           | -         |       |       |       |       |       |       |       |        | $3,595  |
### 2019 Federal Transportation Improvement Program

**Orange County**

**Transit - Project Listing**

Including Amendments 1 - 26

*(in $000's)*

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Conform Category</th>
<th>Total Project Cost</th>
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**Lead Agency**

ORANGE COUNTY TRANS AUTHORITY (OCTA)

**Primary Program Code**

SEC54 - SECURITY EQUIPMENT/FACILITIES

**County**

Orange

**Conform Category**

Modeling

**System**

Transit

**Project Limits**

From to

Description

Transit Security and Operations Center

<table>
<thead>
<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>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
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<td>STPL-R - STP Local Regional</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>$50</td>
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<tr>
<td>PE</td>
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<td>$3,103</td>
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<tr>
<td>ROW</td>
<td>TSSSSDR - Transit System Safety, Security And Disaster Response Account</td>
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<td>$3,207</td>
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# 2019 Federal Transportation Improvement Program

Orange County
Transit - Project Listing
Including Amendments 1 - 26
(In $000's)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>Lead Agency</th>
<th>County</th>
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<td>Orange</td>
<td>Orange County Transportation Authority (OCTA) 19-26</td>
<td>EXEMPT - 93.126</td>
<td>$408,071</td>
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## System Description

**From to:** Begin: 0 End: 0

**Bus Operating Assistance FTA9 - For Paratransit (OCTA)** Toll credits/TDCs: $2,032 in FY19/20, $2,032 in FY20/21, $2,032 in FY21/22, $2,032 in FY22/23, $2,032 in FY23/24

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund Source</th>
<th>Prior 18/19</th>
<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
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<td>$9,885</td>
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<td>$10,154</td>
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<td>TDA - Transportation Development Act</td>
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**Total Construction** $128,068 $22,658 $51,469 $51,469 $51,469 $51,469 $51,469 - $408,071

**Total Programmed** $128,068 $22,658 $51,469 $51,469 $51,469 $51,469 $51,469 - $408,071
### 2019 Federal Transportation Improvement Program
#### Orange County
**Transit - Project Listing**
Including Amendments 1 - 26
*(in $000`s)*

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<td><strong>County</strong></td>
<td>Orange</td>
</tr>
<tr>
<td><strong>System</strong></td>
<td>Transit</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>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.</td>
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<table>
<thead>
<tr>
<th><strong>FTIP Amendment</strong></th>
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<td><strong>Conform EXEMPT Category</strong></td>
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<tr>
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<tr>
<td><strong>Air Basin SCAB</strong></td>
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<td><strong>RTP ID</strong></td>
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<table>
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<tr>
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<th>BUR05 - BUSSES-REHABILITATION/IMPROVEMENTS-ALTERNATIVE FUEL</th>
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<th><strong>Fund Source</strong></th>
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<th>Prior</th>
<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
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<tbody>
<tr>
<td>CON</td>
<td>5307 - (FHWA Transfer Funds)</td>
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<td>$58,290</td>
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<tr>
<td>CON</td>
<td>CMAQ - Congestion Mitigation Air Quality</td>
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<td>$14,740</td>
<td>$16,750</td>
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<td>$44,890</td>
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<td>$134,670</td>
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<tr>
<td><strong>Total Programmed</strong></td>
<td>-</td>
<td>$58,290</td>
<td>$14,740</td>
<td>$16,750</td>
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| **Total Project Cost** | $134,670 |
### 2019 Federal Transportation Improvement Program

Orange County

Transit - Project Listing

Including Amendments 1 - 26

(In $000's)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
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<tr>
<td>ORA190302</td>
<td>Orange County Transportation Authority (OCTA) 19-22</td>
<td>Modeling</td>
<td>$29,707</td>
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</tbody>
</table>

#### Orange County

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

| System | Project Limits | Description                                                                                     | Fund Source | (in $000s) | Prior | 18/19 | 19/20 | 20/21 | 21/22 | 22/23 | 23/24 | Future | Total |
|--------|----------------|-----------------------------------------------------------------------------------------------|-------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Transit | From to                                                  | Purchase Replacement Paratransit Vans (77) - Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet. TDCs/Toll Credits FTA 5339: $1,116 in FY18/19, $1,171 in FY19/20, $170 in FY20/21, $1,162 in FY21/22, $1,162 in FY22/23, $1,162 in FY23/24. | CON 5339LA-LOS ANGELES - LONG BEACH-ANAHEIM URBANIZED AREA - BFG | -           | $5,576 | $5,852 | $847  | $5,803 | $5,803 | -      | $29,684 |
|         |                                                           |                                                                                 | CON 5339RS-Riverside/San Bernardino Urbanized Area - BFG | -           | $4     | $3     | $4    | $4    | $4    | $4    | -      | $23    |

**Total Construction**

- $5,580 $5,855 $851 $5,807 $5,807 $5,807 - $29,707

**Total Programmed**

- $5,580 $5,855 $851 $5,807 $5,807 $5,807 - $29,707
2019 Federal Transportation Improvement Program  
Orange County  
Transit - Project Listing  
Including Amendments 1 - 26  
(In $000's)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>Lead Agency</th>
<th>County</th>
<th>System Project Limits</th>
<th>Description</th>
<th>FTIP Amendment</th>
<th>Primary Program Code</th>
<th>Conform EXEMPT Category</th>
<th>Total Project Cost</th>
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<tbody>
<tr>
<td>ORA190303</td>
<td>ORANGE COUNTY TRANS AUTHORITY (OCTA)</td>
<td>Orange</td>
<td>Transit From to</td>
<td>Purchase paratransit replacement vehicles (39) - MV - Projects are consistent with 40 CFR Part 93.126 Exempt Table 2 and Table 3 categories - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet. TDCs: FTA 5339: $179 in FY18/19, $186 in FY19/20, $186 in FY20/21, $186 in FY21/22, $186 in FY22/23, $186 in FY23/24.</td>
<td>Orange County Transportation Authority (OCTA) 19-22</td>
<td>PAR17 - PARATRANSPORT VEHICLES-REPLACEMENT-ALTERNATIVE FUEL</td>
<td>EXEMPT - 93.126</td>
<td>Total Project $5,564</td>
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</table>

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund Source</th>
<th>(in $000's)</th>
<th>Prior</th>
<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
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<th>22/23</th>
<th>23/24</th>
<th>Future</th>
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<tbody>
<tr>
<td>CON</td>
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<td>$940</td>
<td>$932</td>
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<td>-</td>
<td>$5,564</td>
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</tbody>
</table>

|                  | Total Construction | - | $896 | $940 | $932 | $932 | $932 | $932 | - | - | $5,564 |

|                  | Total Programmed   | - | $896 | $940 | $932 | $932 | $932 | $932 | - | - | $5,564 |
## 2019 Federal Transportation Improvement Program
### Orange County
#### Transit - Project Listing
Including Amendments 1 - 26
(in $000's)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>Lead Agency</th>
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<th>FTIP Amendment</th>
<th>Conform Category</th>
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<td>Orange County Transportation Authority (OCTA) 19-07</td>
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<td>$8,400</td>
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</table>

### 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.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Fund Source</th>
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<th>Prior</th>
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<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
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<th>Total</th>
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<tbody>
<tr>
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</table>

**Total Construction**
- $8,400

**Total Programmed**
- $8,400

---
## 2019 Federal Transportation Improvement Program
### Orange County
#### Transit - Project Listing
Including Amendments 1 - 26
(In $000's)

<table>
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<tr>
<th>FTIP ID</th>
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<th>System</th>
<th>Project Limits</th>
<th>Description</th>
<th>FTIP Amendment</th>
<th>Conform Category</th>
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<td>Operations for the OC Streetcar project. TDCs: CMAQ: $2,237 in FY20/21.</td>
<td>Orange County Transportation Authority (OCTA) 19-15</td>
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<td></td>
<td>LRO00 - LIGHT RAIL OPERATIONS/OPERATING ASSISTANCE</td>
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<td></td>
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### Fund Source

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<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>CON</td>
<td>CMAQ - Congestion Mitigation Air Quality</td>
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<td>$19,500</td>
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2019 Federal Transportation Improvement Program
Orange County
Transit - Project Listing
Including Amendments 1 - 26
(In $000's)

<table>
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<th>FTIP Amendment</th>
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**Lead Agency**
ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)

**County**
Orange

**System**
Transit

**Project Limits**
From to Harbor Boulevard Transit Corridor - preliminary engineering study (ENG ONLY). Utilize toll credits as match.

<table>
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<tr>
<th>Description</th>
<th>Phase</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>
<th>Future</th>
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<td>$2,000</td>
</tr>
<tr>
<td>Total Programmed</td>
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## 2019 Federal Transportation Improvement Program

### Orange County

**Transit - Project Listing**

**Including Amendments 1 - 26**

*(in $000's)*

<table>
<thead>
<tr>
<th>FTIP ID</th>
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**Lead Agency**

**Orange County**

**Trans Authority (OCTA)**

**County**

**Orange**

**Primary Program Code**

**RAO00 - RAIL OPERATIONS/OPERATING ASSISTANCE**

**Modeling**

**Air Basin**

**SCAB**

**RTP ID**

**ORA37115**

### System

**Orange County Transit**

### Project Limits

**From to . Begin: 0 End: 0**

### Description

**OPERATING ASSISTANCE FOR COMMUTER RAIL**

### Phase Fund Source

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<th>19/20</th>
<th>20/21</th>
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<th>22/23</th>
<th>23/24</th>
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<tr>
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**Total Construction**

$151,182

**Total Programmed**

$151,182
### 2019 Federal Transportation Improvement Program
**Orange County**
**Transit - Project Listing**
**Including Amendments 1 - 26**
**In $000’s**

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Conform Category</th>
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<tr>
<td>SOUTHERN CALIF</td>
<td>Regional Rail Authority</td>
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<td>REGIONAL RAIL</td>
<td>AUTHORITY</td>
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<table>
<thead>
<tr>
<th>County</th>
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<th>SCAB</th>
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<tr>
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<table>
<thead>
<tr>
<th>System Project Limits</th>
<th>Description</th>
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<tbody>
<tr>
<td>Transit</td>
<td>Preventive Maintenance (SCRRA): Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Rehabilitation of Transit Vehicles (TDCs for FTA 5307: $3,396 in FY19/20 ($1,696 in FY18/19 apportionments and $1,700 in FY19/20 apportionments); $1,700 in FY20/21; $1,700 in FY21/22; $1,700 in FY22/23; $1,700 in FY23/24. FTA 5337: $4 in FY19/20 for FY18/19 apportionments).</td>
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<table>
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<th>Phase Fund Source</th>
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<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON 5307 - FTA LA/LB UZA</td>
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## 2019 Federal Transportation Improvement Program

### Orange County

#### Transit - Project Listing
Including Amendments 1 - 26

*(In $000's)*

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<tr>
<td>Description</td>
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<tr>
<td><strong>LAGUNA NIGUEL TO SAN JUAN CAPISTRANO PASSING SIDING</strong> - 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)**</td>
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<th>19/20</th>
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<th>22/23</th>
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<td>P116 - Proposition 116</td>
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## 2019 Federal Transportation Improvement Program

### Orange County

**Transit - Project Listing**

Including Amendments 1 - 26

*(in $000's)*

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Lead Agency</th>
<th>County</th>
<th>Primary Program Code</th>
<th>Conform Category</th>
<th>EXEMPT - 93.126</th>
<th>Total Project Cost</th>
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<tbody>
<tr>
<td>ORA159801</td>
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<td>VARIOUS AGENCIES</td>
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<td>NCR36 - BRIDGE RESTORATION &amp; REPLC (NO LN ADD)</td>
<td>Air Basin SCAB</td>
<td>EXEMPT - 93.126</td>
<td>$41,587</td>
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</tbody>
</table>

### Project Limits

From San Juan Creek Bridge Replacement - Bridge #197.9 in the City of San Juan Capistrano near the Camino Capistrano exit of the Interstate 5 freeway. Replacing an OCTA-owned three span steel railroad bridge. Train bridge project. (TDC match FTA 5337: $7,338 in FY19/20 ($240 already in FTA grant CA-54-0043); $369 in FY20/21. Earmark: $183 in FY19/20. 5307 FHWA Transfer: $181 in FY19/20 from Orange Parking Structure savings already in FTA grant CA-2017-072)

### Description

- **Phase Fund Source**
  - **(in $000s)**
  - **Prior**
  - **18/19**
  - **19/20**
  - **20/21**
  - **21/22**
  - **22/23**
  - **23/24**
  - **Future**
  - **Total**

| ROW | ORAM2TR - Orange Co. Measure M2-Transit | $1,175 | - | - | - | - | - | $1,175 |
| ROW | TSSSSDR - Transit System Safety,Security And Disaster Response Account | $59 | - | - | - | - | - | $59 |

| CON | 2016 Earmark Repurposing | - | - | $913 | - | - | - | - | $913 |
| CON | 5307 - (FHWA Transfer Funds) | - | - | $907 | - | - | - | - | $907 |
| CON | 5337 - State of Good Repair UZA 2 LA-LB-SA | - | - | $25,492 | $1,843 | - | - | - | $27,335 |
| CON | 5337 - State of Good Repair UZA 68 Mission Viejo | - | - | $11,198 | - | - | - | - | $11,198 |

| Total Right of Way | $1,234 | - | - | - | - | - | - | $1,234 |
| Total Construction | - | - | $38,510 | $1,843 | - | - | - | - | $40,353 |

| Total Programmed | $1,234 | - | $38,510 | $1,843 | - | - | - | - | $41,587 |
## 2019 Federal Transportation Improvement Program

### Orange County

#### Transit - Project Listing

Including Amendments 1 - 26

**(in $000's)**

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Lead Agency (OCTA)</th>
<th>Conform Category Modeling</th>
<th>EXEMPT -</th>
<th>Total Project Cost</th>
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<td>31/33</td>
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</tbody>
</table>

**Description:**

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 ATNs fleet of battery-electric buses tenfold from 5 percent to 60 percent of fleet.

### Phase Fund Source

<table>
<thead>
<tr>
<th>Fund Source</th>
<th>Prior 18/19</th>
<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
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2019 Federal Transportation Improvement Program
Orange County
Transit - Project Listing
Including Amendments 1 - 26
(In $000’s)

<table>
<thead>
<tr>
<th>FTIP ID</th>
<th>FTIP Amendment</th>
<th>Lead Agency</th>
<th>County</th>
<th>System</th>
<th>Description</th>
<th>FTIP Amendment</th>
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<td>Transit From to Fullerton Transportation Center Stairs Rehabilitation - Rehab the staircases to the existing pedestrian overhead bridge. TDCs/Toll credits: FY19/20 $259.</td>
<td>EXEMPT - 93.127</td>
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<th>Prior</th>
<th>18/19</th>
<th>19/20</th>
<th>20/21</th>
<th>21/22</th>
<th>22/23</th>
<th>23/24</th>
<th>Future</th>
<th>Total</th>
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<tbody>
<tr>
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Total Construction: $1,330
Total Programmed: $1,330
### 2019 Federal Transportation Improvement Program

**Orange County**  
Transit - Project Listing  
Including Amendments 1 - 26  
(In $000’s)

<table>
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<th>FTIP ID</th>
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<th>19/20</th>
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<th>22/23</th>
<th>23/24</th>
<th>Future</th>
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**Total Construction** | $39,478 | $204 | $11,375 | $14,589 | $16,923 | $16,923 | $16,923 | $16,923 | - | $116,415 |

**Total Programmed** | $39,478 | $204 | $11,375 | $14,589 | $16,923 | $16,923 | $16,923 | $16,923 | - | $116,415 |

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