



# 2019 Federal Transportation Improvement Program

Orange County - FTA Section 5307, 5337, 5339

Local Highway, State Highway, Transit

Including Amendments 1-28

(In \$000's)

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA020106	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-22	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$128,041
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	BUO00 - BUS OPERATIONS/OPERATING ASSISTANCE	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	ORA020106
<i>System</i>	Transit						
<i>Project Limits</i>	From to , Begin: 0 End: 0						
<i>Description</i>	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: 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; FY23/24 5307 @ \$1,952; FY23/24 5337 @ \$754						

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - FTA LA/LB UZA		\$30,457	\$13,134	\$13,158	\$12,837	\$9,737	\$9,737	\$9,737	-	\$98,797
CON 5307 - FTA SB/RIV UZA		\$57	\$24	\$19	\$25	\$25	\$25	\$25	-	\$200
CON 5337 - State of Good Repair UZA 2 LA-LB-SA		\$5,914	\$3,223	\$2,986	\$3,279	\$3,279	\$3,279	\$3,279	-	\$25,239
CON 5337 - State of Good Repair UZA 22 SB/RIV		\$909	\$483	\$445	\$492	\$492	\$492	\$492	-	\$3,805
	<i>Total Construction</i>	\$37,337	\$16,864	\$16,608	\$16,633	\$13,533	\$13,533	\$13,533	-	\$128,041
	<i>Total Programmed</i>	\$37,337	\$16,864	\$16,608	\$16,633	\$13,533	\$13,533	\$13,533	-	\$128,041

**2019 Federal Transportation Improvement Program  
Orange County - FTA Section 5307, 5337, 5339  
Local Highway, State Highway, Transit  
Including Amendments 1 - 28  
(In \$000's)**

<i>FTIP ID</i>	ORA020811	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-18	<i>Conform EXEMPT Category - 93.126</i>	<i>Total Project Cost</i>	\$94,599
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>		
<i>County</i>	Orange	<i>Primary Program Code</i>	BUR05 - BUSES-REHABILITATION/IMPROVEMENTS-ALTERNATIVE FUEL	<i>Air Basin SCAB</i>	<i>RTP ID</i>	2L206
<i>System</i>	Transit					
<i>Project Limits</i>	From to , Begin: 0 End: 0					
<i>Description</i>	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.					

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - (FHWA Transfer Funds)		\$29,198	-	-	-	-	-	-	-	\$29,198
CON 5307 - FTA LA/LB UZA		\$29,976	-	-	-	-	-	-	-	\$29,976
CON 5339LA-LOS ANGELES - LONG BEACH-ANAHEIM URBANIZED AREA - BFG		\$974	-	\$3,996	-	-	-	-	-	\$4,970
CON 5339RS-Riverside/San Bernardino Urbanized Area - BFG		-	-	\$4	-	-	-	-	-	\$4
CON TDA - Transportation Development Act		\$30,451	-	-	-	-	-	-	-	\$30,451
	<i>Total Construction</i>	\$90,599	-	\$4,000	-	-	-	-	-	\$94,599
	<i>Total Programmed</i>	\$90,599	-	\$4,000	-	-	-	-	-	\$94,599

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA021202	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-26	<i>Conform EXEMPT Category</i> - 93.126	<i>Total Project Cost</i> \$77,306
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>	
<i>County</i>	Orange	<i>Primary Program Code</i>	PAO00 - PARATRANSIT OPERATIONS/OPERATING ASSISTANCE	<i>Air Basin SCAB</i>	<i>RTP ID</i> ORA021202
<i>System</i>	Transit				
<i>Project Limits</i>	From to , Begin: 0 End: 0				
<i>Description</i>	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				

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - Mission Viejo Urbanized Area		\$3,089	\$1,937	\$1,989	\$1,989	\$1,989	\$1,989	\$1,989	-	\$14,971
CON TDA - Transportation Development Act		\$13,429	\$8,421	\$8,097	\$8,097	\$8,097	\$8,097	\$8,097	-	\$62,335
<i>Total Construction</i>		\$16,518	\$10,358	\$10,086	\$10,086	\$10,086	\$10,086	\$10,086	-	\$77,306
<b>Total Programmed</b>		<b>\$16,518</b>	<b>\$10,358</b>	<b>\$10,086</b>	<b>\$10,086</b>	<b>\$10,086</b>	<b>\$10,086</b>	<b>\$10,086</b>	<b>-</b>	<b>\$77,306</b>

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA021203	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-22	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$56,268
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	BUO00 - BUS OPERATIONS/OPERATING ASSISTANCE	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	ORA021203
<i>System</i>	Transit						
<i>Project Limits</i>	From to , Begin: 0 End: 0						
<i>Description</i>	PM (MV): Project consistent with 40 CFR Part 93.126 Exempt Tables 2&3. Purchase office, shop, & operating equipment for existing facilities. TDCs/Toll Credits: FTA 5307: \$1,550 in FY18/19, \$1,591 in FY19/20, \$1,581 in FY20/21, \$1,581 in FY21/22, \$1,581 in FY22/23, \$1,581 in FY23/24. FTA 5337: \$18 in FY18/19, \$8 in FY19/20, \$9 in FY20/21, \$9 in FY21/22, \$9 in FY22/23, \$9 in FY23/24.						

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - Mission Viejo Urbanized Area		\$8,599	\$7,748	\$7,957	\$7,906	\$7,906	\$7,906	\$7,906	-	\$55,928
CON 5337 - State of Good Repair UZA 68 Mission Viejo		\$37	\$88	\$39	\$44	\$44	\$44	\$44	-	\$340
<i>Total Construction</i>		\$8,636	\$7,836	\$7,996	\$7,950	\$7,950	\$7,950	\$7,950	-	\$56,268
<i>Total Programmed</i>		\$8,636	\$7,836	\$7,996	\$7,950	\$7,950	\$7,950	\$7,950	-	\$56,268

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<i>FTIP ID</i>	ORA080803	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-26	<i>Conform EXEMPT Category</i> - 93.126	<i>Total Project Cost</i>	\$461,093
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>		
<i>County</i>	Orange	<i>Primary Program Code</i>	PAO00 - PARATRANSIT OPERATIONS/OPERATING ASSISTANCE	<i>Air Basin</i> SCAB	<i>RTP ID</i>	2OM0701
<i>System</i>	Transit					
<i>Project Limits</i>	From to					
<i>Description</i>	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 5339 @ \$991, FY21-22 5307 @ \$4,411; FY21/22 5310 @ \$451; FY22-23 5307 @ \$4,411; FY22/23 5310 @ \$451; FY23-24 5307 @ \$4,411; FY23/24 5310 @ \$451.					

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - FTA LA/LB UZA		\$38,527	\$17,856	\$18,956	\$18,956	\$22,056	\$22,056	\$22,056	-	\$160,463
CON 5307 - Mission Viejo Urbanized Area		\$6,109	-	-	-	-	-	-	-	\$6,109
CON 5310 - Los Angeles - Long Beach - Anaheim Urbanized Area - Em		\$3,283	\$1,693	\$1,747	\$1,747	\$1,747	\$1,747	\$1,747	-	\$13,711
CON 5310 - Mission Viejo Urbanized Area - Em		\$919	\$485	\$508	\$508	\$508	\$508	\$508	-	\$3,944
CON 5339LA-LOS ANGELES - LONG BEACH-ANAHEIM URBANIZED AREA - BFG		\$2,086	-	-	\$4,956	-	-	-	-	\$7,042
CON AGENCY - Agency		\$211	-	\$29	-	-	-	-	-	\$240
CON TDA - Transportation Development Act		\$40,390	\$65,640	\$28,434	\$35,868	\$33,084	\$33,084	\$33,084	-	\$269,584
	<i>Total Construction</i>	\$91,525	\$85,674	\$49,674	\$62,035	\$57,395	\$57,395	\$57,395	-	\$461,093
	<b>Total Programmed</b>	<b>\$91,525</b>	<b>\$85,674</b>	<b>\$49,674</b>	<b>\$62,035</b>	<b>\$57,395</b>	<b>\$57,395</b>	<b>\$57,395</b>	-	<b>\$461,093</b>

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Local Highway, State Highway, Transit  
Including Amendments 1 - 28  
(In \$000's)**

<i>FTIP ID</i>	ORA080909	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-24	<i>Conform Category</i>	TCM	<i>Total Project Cost</i>	\$414,275
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>	YES		
<i>County</i>	Orange	<i>Primary Program Code</i>	LRN94 - LIGHT RAIL CARS &/or LOCOMOTIVES-EXP-ALT FUEL	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2TR1001
<i>System</i>	Transit						
<i>Project Limits</i>	From to						
<i>Description</i>	OC STREETCAR BETWEEN SARTC AND A NEW TRANSIT CENTER IN GARDEN GROVE, NEAR THE INTERSECTION OF HARBOR BOULEVARD AND WESTMINSTER AVENUE. (Transit Development Credit Match for FHWA Transfer FY16/17 is \$306k & TDC Match for FHWA Transfer FY18/19 is \$2.861M)						

Phase	Fund Source	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
PE	5307 - (FHWA Transfer Funds)		\$11,524	\$21,963	-	-	-	-	-	-	\$33,487
PE	5307 - FTA LA/LB UZA		\$13,257	-	-	-	-	-	-	-	\$13,257
PE	5309b - FTA New Rail Starts		-	\$9,863	-	-	-	-	-	-	\$9,863
PE	CITY - City Funds		\$129	-	-	-	-	-	-	-	\$129
PE	ORA-TRN - Orange Co. Measure M-Transit		\$6,000	-	-	-	-	-	-	-	\$6,000
PE	ORAM2TR - Orange Co. Measure M2-Transit		\$12,863	\$3,127	-	-	-	-	-	-	\$15,990
	<i>Total Preliminary Engineering</i>		\$43,773	\$34,953	-	-	-	-	-	-	\$78,726
ROW	ORAM2TR - Orange Co. Measure M2-Transit		\$8,414	-	-	-	-	-	-	-	\$8,414
	<i>Total Right of Way</i>		\$8,414	-	-	-	-	-	-	-	\$8,414
CON	5307 - (FHWA Transfer Funds)		-	\$20,978	-	-	-	-	-	-	\$20,978
CON	5309b - FTA New Rail Starts		-	\$139,092	-	-	-	-	-	-	\$139,092
CON	ORAM2TR - Orange Co. Measure M2-Transit		\$31,932	\$109,615	-	-	-	-	-	-	\$141,547
CON	Transit And Intercity Rail Capital Program		\$25,518	-	-	-	-	-	-	-	\$25,518
	<i>Total Construction</i>		\$57,450	\$269,685	-	-	-	-	-	-	\$327,135
	<b><i>Total Programmed</i></b>		<b>\$109,637</b>	<b>\$304,638</b>	-	-	-	-	-	-	<b>\$414,275</b>

**2019 Federal Transportation Improvement Program  
Orange County - FTA Section 5307, 5337, 5339  
Local Highway, State Highway, Transit  
Including Amendments 1 - 28  
(In \$000's)**

<i>FTIP ID</i>	ORA085004	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-24	<i>Conform TCM Category Committed</i>	<i>Total Project Cost</i>	\$29,900
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>		
<i>County</i>	Orange	<i>Primary Program Code</i>	TRRH6 - PASSENGER STATIONS/FACILITIES-REHAB/IMPROVEMENTS	<i>Air Basin SCAB</i>	<i>RTP ID</i>	2TR0704
<i>System</i>	Transit					
<i>Project Limits</i>	From to					
<i>Description</i>	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)					

<b>Phase</b>	<b>Fund Source</b>	<b>(in \$000s)</b>								<b>Total</b>
		<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	
PE	5307 - (FHWA Transfer Funds)	\$2,250	\$1,182	-	-	-	-	-	-	\$3,432
	<i>Total Preliminary Engineering</i>	\$2,250	\$1,182	-	-	-	-	-	-	\$3,432
ROW	5307 - (FHWA Transfer Funds)	-	\$250	-	-	-	-	-	-	\$250
ROW	ORAFWY2 - Orange County Sales Tax Measure	\$2,000	-	-	-	-	-	-	-	\$2,000
	<i>Total Right of Way</i>	\$2,000	\$250	-	-	-	-	-	-	\$2,250
CON	5307 - (FHWA Transfer Funds)	-	\$22,073	\$377	-	-	-	-	-	\$22,450
CON	AGENCY - Agency	\$174	\$1,594	-	-	-	-	-	-	\$1,768
	<i>Total Construction</i>	\$174	\$23,667	\$377	-	-	-	-	-	\$24,218
	<b>Total Programmed</b>	<b>\$4,424</b>	<b>\$25,099</b>	<b>\$377</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$29,900</b>



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 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA111802	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-18	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$20,335
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	BUR17 - BUSES-REPLACEMENT-ALTERNATIVE FUEL	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2L206
<i>System</i>	Transit						
<i>Project Limits</i>	From to						
<i>Description</i>	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.						

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - Mission Viejo Urbanized Area		\$19,292	-	-	-	-	-	-	-	\$19,292
CON 5339MV-Mission Viejo Urbanized Area - BFG		-	-	\$1,043	-	-	-	-	-	\$1,043
	<i>Total Construction</i>	\$19,292	-	\$1,043	-	-	-	-	-	\$20,335
	<b>Total Programmed</b>	<b>\$19,292</b>	<b>-</b>	<b>\$1,043</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$20,335</b>

**2019 Federal Transportation Improvement Program  
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 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA151310	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-03	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$2,179
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	NCR10 - PASSENGER BENCHES & SMALL SHELTERS	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2TR0709
<i>System</i>	Transit						
<i>Project Limits</i>	From to						
<i>Description</i>	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)						

<b>Phase</b>	<b>Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON	5307 - FTA LA/LB UZA		-	\$1,835	-	-	-	-	-	-	\$1,835
CON	TDA - Transportation Development Act		-	\$344	-	-	-	-	-	-	\$344
	<i>Total Construction</i>		-	\$2,179	-	-	-	-	-	-	\$2,179
	<b>Total Programmed</b>		-	<b>\$2,179</b>	-	-	-	-	-	-	<b>\$2,179</b>

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 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA151311	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-03	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$451
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	NCR10 - PASSENGER BENCHES & SMALL SHELTERS	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2TR0709
<i>System</i>	Transit						
<i>Project Limits</i>	From to						
<i>Description</i>	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)						

<b>Phase</b>	<b>Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON	5307 - Mission Viejo Urbanized Area		-	\$380	-	-	-	-	-	-	\$380
CON	TDA - Transportation Development Act		-	\$71	-	-	-	-	-	-	\$71
	<i>Total Construction</i>		-	\$451	-	-	-	-	-	-	\$451
	<i>Total Programmed</i>		-	\$451	-	-	-	-	-	-	\$451

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA171401	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-03	<i>Conform Category</i>	TCM	<i>Total Project Cost</i>	\$3,595
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>	YES		
<i>County</i>	Orange	<i>Primary Program Code</i>	BUN94 - BUSES-EXPANSION-ALTERNATIVE FUEL	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2L206
<i>System</i>	Transit						
<i>Project Limits</i>	From to						
<i>Description</i>	Six 40' Compressed Natural Gas Expansion Buses (Route 529)						

<b>Phase</b>	<b>Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON	5307 - (FHWA Transfer Funds)		-	\$549	-	-	-	-	-	-	\$549
CON	Cap And Trade Program		-	\$3,046	-	-	-	-	-	-	\$3,046
	<i>Total Construction</i>		-	\$3,595	-	-	-	-	-	-	\$3,595
	<b>Total Programmed</b>		-	<b>\$3,595</b>	-	-	-	-	-	-	<b>\$3,595</b>

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA174	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-26	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$408,071
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	PAO00 - PARATRANSIT OPERATIONS/OPERATING ASSISTANCE	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	ORA174
<i>System</i>	Transit						
<i>Project Limits</i>	From to , Begin: 0 End: 0						
<i>Description</i>	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						

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - FTA LA/LB UZA		\$14,499	\$9,865	\$10,154	\$10,154	\$10,154	\$10,154	\$10,154	-	\$75,134
CON 5307 - FTA SB/RIV UZA		\$1,448	\$6	\$5	\$5	\$5	\$5	\$5	-	\$1,479
CON TDA - Transportation Development Act		\$112,121	\$12,787	\$41,310	\$41,310	\$41,310	\$41,310	\$41,310	-	\$331,458
<i>Total Construction</i>		\$128,068	\$22,658	\$51,469	\$51,469	\$51,469	\$51,469	\$51,469	-	\$408,071
<b><i>Total Programmed</i></b>		<b>\$128,068</b>	<b>\$22,658</b>	<b>\$51,469</b>	<b>\$51,469</b>	<b>\$51,469</b>	<b>\$51,469</b>	<b>\$51,469</b>	<b>-</b>	<b>\$408,071</b>

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA190301	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-27	<i>Conform EXEMPT Category - 93.126</i>	<i>Total Project Cost</i>	\$110,550
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>		
<i>County</i>	Orange	<i>Primary Program Code</i>	BUR05 - BUSES-REHABILITATION/IMPROVEMENTS-ALTERNATIVE FUEL	<i>Air Basin SCAB</i>	<i>RTP ID</i>	2L206
<i>System</i>	Transit					
<i>Project Limits</i>	From to					
<i>Description</i>	Purchase 40-foot alternative fuel replacement vehicles (165). Transit Development Credits: FY18/19 CMAQ @ \$6,686; FY19/20 CMAQ @ \$1,652; FY20/21 CMAQ @ \$1,921; FY21/22 CMAQ @ \$1,942; FY22/23 CMAQ @ \$480.					

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - (FHWA Transfer Funds)		-	\$58,290	\$14,399	-	-	-	-	-	\$72,689
CON CMAQ - Congestion Mitigation Air Quality		-	-	-	\$16,750	\$16,927	\$4,184	-	-	\$37,861
<i>Total Construction</i>		-	\$58,290	\$14,399	\$16,750	\$16,927	\$4,184	-	-	\$110,550
<b>Total Programmed</b>		-	<b>\$58,290</b>	<b>\$14,399</b>	<b>\$16,750</b>	<b>\$16,927</b>	<b>\$4,184</b>	-	-	<b>\$110,550</b>

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA190302	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-22	<i>Conform EXEMPT Category - 93.126</i>	<i>Total Project Cost</i> \$29,707
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>	
<i>County</i>	Orange	<i>Primary Program Code</i>	PAR17 - PARATRANSIT VEHICLES-REPLACEMENT-ALTERNATIVE FUEL	<i>Air Basin SCAB</i>	<i>RTP ID</i> ORA020118
<i>System</i>	Transit				
<i>Project Limits</i>	From to				
<i>Description</i>	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.				

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5339LA-LOS ANGELES - LONG BEACH-ANAHEIM URBANIZED AREA - BFG		-	\$5,576	\$5,852	\$847	\$5,803	\$5,803	\$5,803	-	\$29,684
CON 5339RS-Riverside/San Bernardino Urbanized Area - BFG		-	\$4	\$3	\$4	\$4	\$4	\$4	-	\$23
<i>Total Construction</i>		-	\$5,580	\$5,855	\$851	\$5,807	\$5,807	\$5,807	-	\$29,707
<i>Total Programmed</i>		-	\$5,580	\$5,855	\$851	\$5,807	\$5,807	\$5,807	-	\$29,707

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA190303	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-22	<i>Conform EXEMPT Category - 93.126</i>	<i>Total Project Cost</i> \$5,564
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>	
<i>County</i>	Orange	<i>Primary Program Code</i>	PAR17 - PARATRANSIT VEHICLES-REPLACEMENT-ALTERNATIVE FUEL	<i>Air Basin SCAB</i>	<i>RTP ID</i> ORA020118
<i>System</i>	Transit				
<i>Project Limits</i>	From to				
<i>Description</i>	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, \$188 in FY19/20, \$186 in FY20/21, \$186 in FY21/22, \$186 in FY22/23, \$186 in FY23/24.				

<b>Phase</b>	<b>Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON	5339MV-Mission Viejo Urbanized Area - BFG		-	\$896	\$940	\$932	\$932	\$932	\$932	-	\$5,564
	<i>Total Construction</i>		-	\$896	\$940	\$932	\$932	\$932	\$932	-	\$5,564
	<i>Total Programmed</i>		-	\$896	\$940	\$932	\$932	\$932	\$932	-	\$5,564



**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA170805	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-14	<i>Conform Category</i>	EXEMPT 93.126	<i>Total Project Cost</i>	\$65,374
<i>Lead Agency</i>	SOUTHERN CALIF REGIONAL RAIL AUTHORITY			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	RAO00 - RAIL OPERATIONS/OPERATING ASSISTANCE	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	REG0701
<i>System</i>	Transit						
<i>Project Limits</i>	From to						
<i>Description</i>	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).						

<b>Phase Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
CON 5307 - FTA LA/LB UZA		\$14,374	-	\$16,979	\$8,500	\$8,500	\$8,500	\$8,500	-	\$65,353
CON 5337 - State of Good Repair UZA 2 LA-LB-SA		-	-	\$21	-	-	-	-	-	\$21
<i>Total Construction</i>		\$14,374	-	\$17,000	\$8,500	\$8,500	\$8,500	\$8,500	-	\$65,374
<b>Total Programmed</b>		<b>\$14,374</b>	<b>-</b>	<b>\$17,000</b>	<b>\$8,500</b>	<b>\$8,500</b>	<b>\$8,500</b>	<b>\$8,500</b>	<b>-</b>	<b>\$65,374</b>

**2019 Federal Transportation Improvement Program  
Orange County - FTA Section 5307, 5337, 5339  
Local Highway, State Highway, Transit  
Including Amendments 1 - 28  
(In \$000's)**

<i>FTIP ID</i>	ORA111209	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-14	<i>Conform Category</i>	TCM Committed	<i>Total Project Cost</i>	\$36,360
<i>Lead Agency</i>	VARIOUS AGENCIES			<i>Modeling</i>	NO		
<i>County System</i>	Orange Transit	<i>Primary Program Code</i>	TRN14 - TRACK STRUCTURES-NEW	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2TR0704
<i>Project Limits</i>	From to 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)						
<i>Description</i>							

<b>Phase</b>	<b>Fund Source</b>	<b>(in \$000s)</b>	<b>Prior</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>Future</b>	<b>Total</b>
PE	5307 - (FHWA Transfer Funds)		\$3,821	-	-	-	-	-	-	-	\$3,821
PE	AGENCY - Agency		\$385	-	-	-	-	-	-	-	\$385
	<i>Total Preliminary Engineering</i>		\$4,206	-	-	-	-	-	-	-	\$4,206
CON	5307 - (FHWA Transfer Funds)		\$18,526	-	\$409	-	-	-	-	-	\$18,935
CON	5309a - FTA Fixed Guideway		-	\$1,015	-	-	-	-	-	-	\$1,015
CON	AGENCY - Agency		\$170	-	-	-	-	-	-	-	\$170
CON	CMAQ - Congestion Mitigation Air Quality		-	-	-	-	\$2,300	-	-	-	\$2,300
CON	Intercity Rail Improvements		-	\$2,000	-	-	-	-	-	-	\$2,000
CON	P116 - Propostion 116		-	\$4,734	-	-	-	-	-	-	\$4,734
CON	STIP AC IIP		-	\$3,000	-	-	-	-	-	-	\$3,000
	<i>Total Construction</i>		\$18,696	\$10,749	\$409	-	\$2,300	-	-	-	\$32,154
	<b>Total Programmed</b>		<b>\$22,902</b>	<b>\$10,749</b>	<b>\$409</b>	<b>-</b>	<b>\$2,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$36,360</b>

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA159801	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-26	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$41,587
<i>Lead Agency</i>	VARIOUS AGENCIES			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	NCR36 - BRIDGE RESTORATION & REPLC (NO LN ADD)	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	ORA37111
<i>System</i>	Transit						
<i>Project Limits</i>	From to						
<i>Description</i>	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)						

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
	<i>Total Right of Way</i>		\$1,234	-	-	-	-	-	-	-	\$1,234
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
	<i>Total Construction</i>		-	-	\$38,510	\$1,843	-	-	-	-	\$40,353
	<b>Total Programmed</b>		<b>\$1,234</b>	-	<b>\$38,510</b>	<b>\$1,843</b>	-	-	-	-	<b>\$41,587</b>

**2019 Federal Transportation Improvement Program  
 Orange County - FTA Section 5307, 5337, 5339  
 Local Highway, State Highway, Transit  
 Including Amendments 1 - 28  
 (In \$000's)**

<i>FTIP ID</i>	ORA191301	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-24	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$34,146
<i>Lead Agency</i>	VARIOUS AGENCIES			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	BUR17 - BUSES-REPLACEMENT-ALTERNATIVE FUEL	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2200T004
<i>System</i>	Transit						
<i>Project Limits</i>	From to						
<i>Description</i>	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	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
CON	5339C-LOW OR NO EMISSION VEHICLE PROGRAM – 5339(C)		-	-	\$2,000	-	-	-	-	-	\$2,000
CON	AGENCY - Agency		-	-	\$1,841	-	-	-	-	-	\$1,841
CON	CITY - City Funds		-	-	\$500	-	-	-	-	-	\$500
CON	Cap And Trade Program		-	-	\$23,015	-	-	-	-	-	\$23,015
CON	Hybrid-Zero-Emission Truck and Bus IP		-	-	\$6,790	-	-	-	-	-	\$6,790
	<i>Total Construction</i>		-	-	\$34,146	-	-	-	-	-	\$34,146
	<b><i>Total Programmed</i></b>		-	-	<b>\$34,146</b>	-	-	-	-	-	<b>\$34,146</b>

**2019 Federal Transportation Improvement Program  
Orange County - FTA Section 5307, 5337, 5339  
Local Highway, State Highway, Transit  
Including Amendments 1 - 28  
(In \$000's)**

<i>FTIP ID</i>	ORA37111	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-26	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$116,415
<i>Lead Agency</i>	VARIOUS AGENCIES			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	TRR15 - TRACK REPLACEMENT/REHABILITATION	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	ORA37111
<i>System</i>	Transit						
<i>Project Limits</i>	From to , Begin: 0 End: 0						
<i>Description</i>	CAPITAL MAINTENANCE ON METROLINK SYSTEM - Rehab, 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 5337: \$41 in FY18/19, \$2,271 in FY19/20; \$2,918 in FY20/21; \$3,385 in FY21/22; \$3,385 in FY22/23; \$3,385 in FY23/24. 5307: \$4 in FY19/20						

Phase Fund Source	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
CON 5307 - FTA LA/LB UZA		\$1,052	-	\$21	-	-	-	-	-	\$1,073
CON 5337 - State of Good Repair UZA 2 LA-LB-SA		\$26,636	\$204	\$6,277	\$9,512	\$11,344	\$11,344	\$11,344	-	\$76,661
CON 5337 - State of Good Repair UZA 22 SB/RIV		\$321	-	-	-	-	-	-	-	\$321
CON 5337 - State of Good Repair UZA 68 Mission Viejo		\$11,023	-	\$5,077	\$5,077	\$5,579	\$5,579	\$5,579	-	\$37,914
CON LTF - Local Transportation		\$446	-	-	-	-	-	-	-	\$446
<i>Total Construction</i>		\$39,478	\$204	\$11,375	\$14,589	\$16,923	\$16,923	\$16,923	-	\$116,415
<i>Total Programmed</i>		\$39,478	\$204	\$11,375	\$14,589	\$16,923	\$16,923	\$16,923	-	\$116,415