



# 2019 Federal Transportation Improvement Program

Orange County  
State Highway  
Including Amendments 1-11 and 13-19\_21  
(In \$000`s)

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA000820	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-14	<i>Conform Category</i>	EXEMPT/ MODELED	<i>Total Project Cost</i>	\$124,600
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	PLN40 - PLANNING	<i>Modeling</i>	YES	<i>RTP ID</i>	2TK01116
<i>County</i>	Orange			<i>Air Basin</i>	SCAB		
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 57 , From Lambert to Los Angeles County Line, Milepost Begins at 21.2 Ends at .68 of Length 20.52						
<i>Description</i>	SR-57 TRUCK CLIMBING AUX LANE FROM LAMBERT TO LA CO. LINE (PE ONLY)(PPNO 3847A)						

<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	ORAM2RC - Orange Co. Measure M2-Regional Capacity		-	-	-	-	\$250	-	-	-	\$250
PE	STPL-R - STP Local Regional		-	-	-	-	\$4,050	-	-	-	\$4,050
	<i>Total Preliminary Engineering</i>		-	-	-	-	\$4,300	-	-	-	\$4,300
	<b>Total Programmed</b>		-	-	-	-	<b>\$4,300</b>	-	-	-	<b>\$4,300</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
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(In \$000's)**

<i>FTIP ID</i>	ORA001102	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-18	<i>Conform Category Modeling Air Basin</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$267,397
<i>Lead Agency County System</i>	CALTRANS Orange State Hwy	<i>Primary Program Code</i>	SHP02 - ROADSIDE REHABILITATION		SCAB	<i>RTP ID</i>	REG0701
<i>Project Limits</i>	Route 999 , From to , Begin: .1 End: .1						
<i>Description</i>	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						

<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 AGENCY - Agency		-	-	-	-	\$430	-	-	-	\$430
CON SHOPPAC - SHOPP - Collision Reduction (AC)		-	\$49,696	\$149,663	\$16,980	\$50,628	-	-	-	\$266,967
<i>Total Construction</i>		-	\$49,696	\$149,663	\$16,980	\$51,058	-	-	-	\$267,397
<b>Total Programmed</b>		-	<b>\$49,696</b>	<b>\$149,663</b>	<b>\$16,980</b>	<b>\$51,058</b>	-	-	-	<b>\$267,397</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA001103	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-18	<i>Conform Category Modeling Air Basin</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$256,983
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	SHP03 - ROADWAY REHABILITATION		SCAB	<i>RTP ID</i>	REG0701
<i>County</i>	Orange						
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 999 , From to , Begin: 0 End: 0						
<i>Description</i>	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)						

<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 AGENCY - Agency		-	-	-	-	\$23,828	-	-	-	\$23,828
CON National Hwy System - HM		-	\$4,541	\$7,143	-	-	-	-	-	\$11,684
CON SHOPPAC - SHOPP - Roadway Preservation (AC)		-	\$20,551	\$57,217	\$48,484	\$95,219	-	-	-	\$221,471
	<i>Total Construction</i>	-	\$25,092	\$64,360	\$48,484	\$119,047	-	-	-	\$256,983
	<b>Total Programmed</b>	-	<b>\$25,092</b>	<b>\$64,360</b>	<b>\$48,484</b>	<b>\$119,047</b>	-	-	-	<b>\$256,983</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
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(In \$000's)**

<i>FTIP ID</i>	ORA001104	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$1,260
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	SHP02 - ROADSIDE REHABILITATION	<i>Modeling</i>	NO	<i>RTP ID</i>	REG0701
<i>County</i>	Orange			<i>Air Basin</i>	SCAB		
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 999 , From to , Begin: .1 End: .11						
<i>Description</i>	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						

<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	SHOPPAC - SHOPP - Roadside Preservation (AC)		-	\$1,260	-	-	-	-	-	-	\$1,260
	<i>Total Construction</i>		-	\$1,260	-	-	-	-	-	-	\$1,260
	<b>Total Programmed</b>		-	<b>\$1,260</b>	-	-	-	-	-	-	<b>\$1,260</b>

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State Highway - Project Listing  
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(In \$000's)**

<i>FTIP ID</i>	ORA001105	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-09	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$184,649
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	SHP01 - OPERATIONS	<i>Modeling</i>	SCAB	<i>RTP ID</i>	REG0701
<i>County</i>	Orange			<i>Air Basin</i>			
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 999 , From to , Begin: 0 End: 0						
<i>Description</i>	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						

<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	SHOPPAC - SHOPP - Mobility (AC)	-	\$20,569	\$114,101	\$24,877	\$25,102	-	-	-	\$184,649
	<i>Total Construction</i>	-	\$20,569	\$114,101	\$24,877	\$25,102	-	-	-	\$184,649
	<b>Total Programmed</b>	-	<b>\$20,569</b>	<b>\$114,101</b>	<b>\$24,877</b>	<b>\$25,102</b>	-	-	-	<b>\$184,649</b>

**2019 Federal Transportation Improvement Program  
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<i>FTIP ID</i>	ORA001108	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-09	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$58,772
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	SHP04 - SAFETY	<i>Modeling Air Basin</i>	SCAB	<i>RTP ID</i>	REG0701
<i>County</i>	Orange	<i>Project Limits</i> Route 999 , From to , Begin: 0 End: 0					
<i>System</i>	State Hwy	Grouped Projects for Safety Improvements - SHOPP Mandates Program. Scope: Projects are consistent with 40 CFR Part 93.126 Exempt					
<i>Description</i>	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						

<b>Phase 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>	
CON	SHOPPAC - SHOPP - Mandates (AC)	-	\$4,700	\$23,480	\$20,208	\$10,384	-	-	-	\$58,772
	<i>Total Construction</i>	-	\$4,700	\$23,480	\$20,208	\$10,384	-	-	-	\$58,772
	<b>Total Programmed</b>	-	<b>\$4,700</b>	<b>\$23,480</b>	<b>\$20,208</b>	<b>\$10,384</b>	-	-	-	<b>\$58,772</b>

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<i>FTIP ID</i>	ORA001109	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-15	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$60,688
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	SHP04 - SAFETY	<i>Modeling</i>	SCAB	<i>RTP ID</i>	REG0701
<i>County</i>	Orange			<i>Air Basin</i>			
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 999 , From to , Begin: 0 End: 0						
<i>Description</i>	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).						

<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 AGENCY - Agency		-	-	-	-	\$1,641	-	-	-	\$1,641
CON SHOPPAC - SHOPP - Bridge Preservation (AC)		-	-	\$6,781	\$24,175	\$28,091	-	-	-	\$59,047
<i>Total Construction</i>		-	-	\$6,781	\$24,175	\$29,732	-	-	-	\$60,688
<b>Total Programmed</b>		-	-	<b>\$6,781</b>	<b>\$24,175</b>	<b>\$29,732</b>	-	-	-	<b>\$60,688</b>



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<i>FTIP ID</i>	ORA082603	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category Modeling Air Basin</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$2,813
<i>Lead Agency County System Project Limits</i>	CALTRANS Orange State Hwy Route 999 , From to , Begin: 0 End: 0	<i>Primary Program Code</i>	SHP03 - ROADWAY REHABILITATION		SCAB	<i>RTP ID</i>	REG0701
<i>Description</i>	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						

<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	SHOPPAC - SHOPP - Emergency Response (AC)		-	\$2,813	-	-	-	-	-	-	\$2,813
	<i>Total Construction</i>		-	\$2,813	-	-	-	-	-	-	\$2,813
	<b>Total Programmed</b>		-	<b>\$2,813</b>	-	-	-	-	-	-	<b>\$2,813</b>

**2019 Federal Transportation Improvement Program  
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State Highway - Project Listing  
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(In \$000's)**

<i>FTIP ID</i>	ORA084402	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$580
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	SHP01 - OPERATIONS	<i>Modeling</i>	SCAB	<i>RTP ID</i>	REG0701
<i>County</i>	Orange			<i>Air Basin</i>			
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 999 , From to , Begin: .1 End: .1						
<i>Description</i>	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						

<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 SHOPP - Facilities (State Cash)		-	\$580	-	-	-	-	-	-	\$580
	<i>Total Construction</i>	-	\$580	-	-	-	-	-	-	\$580
	<b>Total Programmed</b>	-	<b>\$580</b>	-	-	-	-	-	-	<b>\$580</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
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(In \$000's)**

<i>FTIP ID</i>	ORA130064	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-01	<i>Conform Category Modeling</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$10,528
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	NCN21 - AUXILIARY LANE NOT THROUGH NEXT INTERSECTION	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0728
<i>County</i>	Orange	<i>System</i> State Hwy					
<i>Project Limits</i>	Route 405 , From University to Sand Canyon, Milepost Begins at 3.81 Ends at 3.09 of Length .72						
<i>Description</i>	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).						

<b>Phase 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	STIP AC RIP	\$2,328	-	-	-	-	-	-	-	\$2,328
	<i>Total Preliminary Engineering</i>	\$2,328	-	-	-	-	-	-	-	\$2,328
CON	SHOPPAC - SHOPP - Mobility (AC)	-	\$8,200	-	-	-	-	-	-	\$8,200
	<i>Total Construction</i>	-	\$8,200	-	-	-	-	-	-	\$8,200
	<b>Total Programmed</b>	<b>\$2,328</b>	<b>\$8,200</b>	-	-	-	-	-	-	<b>\$10,528</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
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(In \$000's)**

<i>FTIP ID</i>	ORA190102	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-01	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$2,600
<i>Lead Agency</i>	CALTRANS	<i>Primary Program Code</i>	PLN40 - PLANNING	<i>Modeling Air Basin</i>	SCAB	<i>RTP ID</i>	ORA120507
<i>County</i>	Orange						
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 74 , From to , Begin: 1 End: 2.1						
<i>Description</i>	Widen Route 74 from 2 to 4 Lanes - City Segment (In San Juan Capistrano from Calle Entradero to City/County line from 2 lanes to 4 lanes) "PA&ED only"						

<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	CO - County	-	\$1,950	-	-	-	-	-	-	-	\$1,950
PE	DEV FEE - Developer Fees	-	\$400	-	-	-	-	-	-	-	\$400
PE	SHOPP - AC CT Minor Funds	-	\$250	-	-	-	-	-	-	-	\$250
	<i>Total Preliminary Engineering</i>	-	\$2,600	-	-	-	-	-	-	-	\$2,600
	<b>Total Programmed</b>	-	<b>\$2,600</b>	-	-	-	-	-	-	-	<b>\$2,600</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
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(In \$000's)**

<i>FTIP ID</i>	ORA040607	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-02	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$20,080
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	PPM01 - STIP - PLANNING, PROGRAMMING & MONITORING	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	ORA040607
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 999 , From to , Begin: .01 End: .02						
<i>Description</i>	Orange County - Countywide activities: Planning, Programming and Monitoring (PPM)(PPNO 2132)						

<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 STCASHR - State - RIP		\$14,903	\$1,481	-	-	\$1,848	\$1,848	-	-	\$20,080
	<i>Total Construction</i>	\$14,903	\$1,481	-	-	\$1,848	\$1,848	-	-	\$20,080
	<i>Total Programmed</i>	\$14,903	\$1,481	-	-	\$1,848	\$1,848	-	-	\$20,080

**2019 Federal Transportation Improvement Program  
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<i>FTIP ID</i>	ORA131105	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-13	<i>Conform Category</i>	EXEMPT/ MODELED	<i>Total Project Cost</i>	\$4,450
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)	<i>Modeling</i>		<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0717
<i>County System</i>	Orange State Hwy	<i>Primary Program Code</i>	PLN40 - PLANNING				
<i>Project Limits Description</i>	Route 5 , From Los Alisos/El Toro to Los Alisos/El Toro, Milepost Begins at 17.8 Ends at 19.7 of Length 1.9 El Toro Road Interchange - on I-5 from Los Alisos Boulevard Overcrossing to Ridge Route Drive. (utilize toll credit match for RSTP)						

<b>Phase 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	STPL-R - STP Local Regional	\$4,400	-	-	-	\$50	-	-	-	\$4,450
	<i>Total Preliminary Engineering</i>	\$4,400	-	-	-	\$50	-	-	-	\$4,450
	<b>Total Programmed</b>	<b>\$4,400</b>	-	-	-	<b>\$50</b>	-	-	-	<b>\$4,450</b>

**2019 Federal Transportation Improvement Program  
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State Highway - Project Listing  
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(In \$000's)**

<i>FTIP ID</i>	ORA131301	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-13	<i>Conform Category</i>	NON-EXEMPT	<i>Total Project Cost</i>	\$5,100
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	CAX63 - HIGHWAY/ROAD IMP - LANE ADD'S ( NO HOV LANES): RS	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2121002
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 55 , From to , Begin: 10.4 End: 17.9						
<i>Description</i>	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)						

Phase	Fund Source	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
PE	AGENCY - Agency		-	-	-	-	\$50	-	-	-	\$50
PE	STPL-R - STP Local Regional		\$5,000	-	-	-	-	-	-	-	\$5,000
	<i>Total Preliminary Engineering</i>		\$5,000	-	-	-	\$50	-	-	-	\$5,050
ROW	AGENCY - Agency		-	-	-	-	\$50	-	-	-	\$50
	<i>Total Right of Way</i>		-	-	-	-	\$50	-	-	-	\$50
	<b>Total Programmed</b>		<b>\$5,000</b>	-	-	-	<b>\$100</b>	-	-	-	<b>\$5,100</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA131303	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-13	<i>Conform Category</i>	NON-EXEMPT	<i>Total Project Cost</i>	\$2,600
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	CAX63 - HIGHWAY/ROAD IMP - LANE ADD'S ( NO HOV LANES): RS	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0735A
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 57 , From to , Begin: 11.5 End: 12.5						
<i>Description</i>	SR-57 Orangewood to Katella-Add 1 MF lane northbound between Orangewood and Katella (Utilize toll match for RSTP)						

<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	STPL-R - STP Local Regional		\$2,500	-	-	-	\$50	-	-	-	\$2,550
	<i>Total Preliminary Engineering</i>		\$2,500	-	-	-	\$50	-	-	-	\$2,550
ROW	AGENCY - Agency		-	-	-	-	\$50	-	-	-	\$50
	<i>Total Right of Way</i>		-	-	-	-	\$50	-	-	-	\$50
	<b>Total Programmed</b>		<b>\$2,500</b>	-	-	-	<b>\$100</b>	-	-	-	<b>\$2,600</b>



**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA131304	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category</i>	EXEMPT/ MODELED	<i>Total Project Cost</i>	\$190,000
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)	<i>Primary Program Code</i>	STUDY - PROJECT STUDY	<i>Modeling</i>			
<i>County System</i>	Orange State Hwy			<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0728
<i>Project Limits</i>	Route 405 , From to , Begin: .2 End: 8.7						
<i>Description</i>	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.						

<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>
PE AGENCY - Agency		-	-	-	-	-	\$50	-	-	\$50
PE STPL-R - STP Local Regional		\$8,000	-	-	-	-	-	-	-	\$8,000
<i>Total Preliminary Engineering</i>		\$8,000	-	-	-	-	\$50	-	-	\$8,050
<b>Total Programmed</b>		<b>\$8,000</b>	-	-	-	-	<b>\$50</b>	-	-	<b>\$8,050</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA150110	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category</i>	EXEMPT/MODELED	<i>Total Project Cost</i>	\$456,190
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County System</i>	Orange State Hwy	<i>Primary Program Code</i>	PLN40 - PLANNING	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0736
<i>Project Limits</i>	Route 91 , From to , Begin: 4.2 End: 11						
<i>Description</i>	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).						

Phase	Fund Source	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
PE	AGENCY - Agency		-	-	-	-	-	-	\$50	-	\$50
PE	ORAFWY2 - Orange County Sales Tax Measure		\$2,000	-	-	-	-	-	-	-	\$2,000
PE	STPL-R - STP Local Regional		\$7,000	-	-	-	-	-	-	-	\$7,000
	<i>Total Preliminary Engineering</i>		\$9,000	-	-	-	-	-	\$50	-	\$9,050
	<b><i>Total Programmed</i></b>		<b>\$9,000</b>	-	-	-	-	-	<b>\$50</b>	-	<b>\$9,050</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA170005	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-13	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$4,874
<i>Lead Agency</i>	ORANGE COUNTY TRANS AUTHORITY (OCTA)			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	NCRT3 - INTERCHANGE-MOD/REP (NON-CAPA) w/ CM	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0719
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 605 , From to , Begin: 1.1 End: 1.6						
<i>Description</i>	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.						

<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	AGENCY - Agency		-	-	-	-	\$3,000	-	-	-	\$3,000
PE	ORAFWY2 - Orange County Sales Tax Measure		\$1,824	-	-	-	-	-	-	-	\$1,824
	<i>Total Preliminary Engineering</i>		\$1,824	-	-	-	\$3,000	-	-	-	\$4,824
ROW	AGENCY - Agency		-	-	-	-	\$50	-	-	-	\$50
	<i>Total Right of Way</i>		-	-	-	-	\$50	-	-	-	\$50
	<b>Total Programmed</b>		<b>\$1,824</b>	-	-	-	<b>\$3,050</b>	-	-	-	<b>\$4,874</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	10254	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category</i>	TCM	<i>Total Project Cost</i>	\$351,188
<i>Lead Agency County</i>	TCA Orange	<i>Primary Program Code</i>	CAN69 - NEW HOV LANE(S)	<i>Modeling Air Basin</i>	YES SCAB	<i>RTP ID</i>	10254
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 73 , From I-5 to Bison, Milepost Begins at 9.6 Ends at 25.45 of Length 15.85						
<i>Description</i>	SAN JOAQUIN HILLS TRANSPORTATION CORRIDOR (SJHTC – SR 73). 15 MI TOLL RD BETWEEN I-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.						

<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	PVT - Private		\$4,290	-	-	-	-	-	-	-	\$4,290
		<i>Total Preliminary Engineering</i>	\$4,290	-	-	-	-	-	-	-	\$4,290
CON	PVT - Private		\$60,698	\$143,100	\$143,100	-	-	-	-	-	\$346,898
		<i>Total Construction</i>	\$60,698	\$143,100	\$143,100	-	-	-	-	-	\$346,898
		<b><i>Total Programmed</i></b>	<b>\$64,988</b>	<b>\$143,100</b>	<b>\$143,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$351,188</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA050	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category</i>	TCM	<i>Total Project Cost</i>	\$631,902
<i>Lead Agency County</i>	TCA Orange	<i>Primary Program Code</i>	CAN69 - NEW HOV LANE(S)	<i>Modeling Air Basin</i>	YES SCAB	<i>RTP ID</i>	ORA050
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 241 , From SR-91 to I5/Jamboree, Milepost Begins at 38.8 Ends at 12.4 of Length 26.4						
<i>Description</i>	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.						

<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>
PE PVT - Private		\$17,980	-	-	-	-	-	-	-	\$17,980
	<i>Total Preliminary Engineering</i>	\$17,980	-	-	-	-	-	-	-	\$17,980
CON PVT - Private		\$321,922	\$146,000	\$146,000	-	-	-	-	-	\$613,922
	<i>Total Construction</i>	\$321,922	\$146,000	\$146,000	-	-	-	-	-	\$613,922
	<b><i>Total Programmed</i></b>	<b>\$339,902</b>	<b>\$146,000</b>	<b>\$146,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$631,902</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA051	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category</i>	TCM	<i>Total Project Cost</i>	\$269,045
<i>Lead Agency County</i>	TCA Orange	<i>Primary Program Code</i>	CAN69 - NEW HOV LANE(S)	<i>Modeling Air Basin</i>	YES SCAB	<i>RTP ID</i>	ORA051
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 241 , From Oso to Sr-261, Milepost Begins at 13.8 Ends at 26.5 of Length 12.7						
<i>Description</i>	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.						

<b>Phase 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	PVT - Private	\$4,453	-	-	-	-	-	-	-	\$4,453	
	<i>Total Preliminary Engineering</i>	\$4,453	-	-	-	-	-	-	-	\$4,453	
CON	PVT - Private	\$163,480	\$50,556	\$50,556	-	-	-	-	-	\$264,592	
	<i>Total Construction</i>	\$163,480	\$50,556	\$50,556	-	-	-	-	-	\$264,592	
	<b>Total Programmed</b>	<b>\$167,933</b>	<b>\$50,556</b>	<b>\$50,556</b>	-	-	-	-	-	<b>\$269,045</b>	

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA052	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-00	<i>Conform Category Modeling</i>	EXEMPT/ MODELED	<i>Total Project Cost</i>	\$560,505
<i>Lead Agency</i>	TCA				NO		
<i>County</i>	Orange	<i>Primary Program Code</i>	CAX67 - NEW HIGHWAY (NO HOV LANE): RS	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	ORA052
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 241 , From I-5 to Oso, Milepost Begins at 14.4 Ends at 4.1 of Length 10.3						
<i>Description</i>	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.						

<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>
PE PVT - Private		\$204,251	\$49,617	\$18,493	\$14,000	\$18,000	\$107,986	\$75,386	\$109,158	\$596,891
	<i>Total Preliminary Engineering</i>	\$204,251	\$49,617	\$18,493	\$14,000	\$18,000	\$107,986	\$75,386	\$109,158	\$596,891
	<b>Total Programmed</b>	<b>\$204,251</b>	<b>\$49,617</b>	<b>\$18,493</b>	<b>\$14,000</b>	<b>\$18,000</b>	<b>\$107,986</b>	<b>\$75,386</b>	<b>\$109,158</b>	<b>\$596,891</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<b>FTIP ID</b>	ORA100511	<b>FTIP Amendment</b>	Orange County Transportation Authority (OCTA) 19-13	<b>Conform Category</b>	TCM Committed	<b>Total Project Cost</b>	\$333,863
<b>Lead Agency</b>	VARIOUS AGENCIES	<b>Primary Program Code</b>	CAN69 - NEW HOV LANE(S)	<b>Modeling</b>	YES	<b>RTP ID</b>	2M0733
<b>County System</b>	Orange State Hwy			<b>Air Basin</b>	SCAB		
<b>Project Limits</b>	Route 55 , From I-405 to I-5, Milepost Begins at 6.29 Ends at 10.32 of Length 4.03						
<b>Description</b>	SR-55 WIDENING BETWEEN I-405 AND I-5 - ADD 1 MF AND 1 HOV LANE EACH DIRECTION AND FIX CHOKEPOINTS FROM I-405 TO I-5; ADD 1 AUX LANE EA DIR BTWN SELECT ON/OFF RAMP AND NON-CAPACITY OPERATIONAL IMPROVEMENTS THROUGH PROJECT LIMITS. Toll Credit for RSTP and CMAQ. (Including street traffic signal improvement at I-5/Newport Avenue onramp for mitigation. non-capacity)						

Phase	Fund Source	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
PE	ORAFWY2 - Orange County Sales Tax Measure		\$7,027	-	-	-	-	-	-	-	\$7,027
PE	SHOPPAC - SHOPP - Roadway Preservation (AC)		\$3,700	-	-	-	-	-	-	-	\$3,700
PE	STPL-R - STP Local Regional		\$17,000	-	\$1,500	-	-	-	-	-	\$18,500
	<i>Total Preliminary Engineering</i>		\$27,727	-	\$1,500	-	-	-	-	-	\$29,227
ROW	CMAQ - Congestion Mitigation Air Quality		\$20,000	-	-	-	-	-	-	-	\$20,000
ROW	LOC-AC - Local Transportation Funds - Advance Construction		\$3,500	-	-	-	-	\$-3,500	-	-	-
ROW	ORAFWY2 - Orange County Sales Tax Measure		\$14,731	-	-	-	-	-	-	-	\$14,731
ROW	SHOPPAC - SHOPP - Roadway Preservation (AC)		\$27,200	-	-	-	-	-	-	-	\$27,200
ROW	STPL-R - STP Local Regional		\$59,950	-	-	-	-	\$3,500	-	-	\$63,450
	<i>Total Right of Way</i>		\$125,381	-	-	-	-	-	-	-	\$125,381
CON	AGENCY - Agency		-	-	-	\$80,000	\$75,000	-	-	-	\$155,000
CON	CMAQ - Congestion Mitigation Air Quality		-	-	-	\$3,355	-	-	-	-	\$3,355
CON	ORAFWY2 - Orange County Sales Tax Measure		-	-	-	\$5,000	-	-	-	-	\$5,000
CON	SHOPPAC - SHOPP - Roadway Preservation (AC)		-	-	-	\$15,900	-	-	-	-	\$15,900
	<i>Total Construction</i>		-	-	-	\$104,255	\$75,000	-	-	-	\$179,255
	<b>Total Programmed</b>		<b>\$153,108</b>	<b>-</b>	<b>\$1,500</b>	<b>\$104,255</b>	<b>\$75,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$333,863</b>



**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA111207	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-16	<i>Conform Category</i>	TCM	<i>Total Project Cost</i>	\$182,298
<i>Lead Agency</i>	VARIOUS AGENCIES			<i>Modeling</i>			
<i>County</i>	Orange	<i>Primary Program Code</i>	CANT9 - NEW HOT LANE(S) REGIONALLY SIGNIFICANT	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2T01135
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 241 , From to , Begin: 36.1 End: 39.1						
<i>Description</i>	241/91 EXPRESS LANES (HOT) CONNECTOR: NB SR-241 TO EB SR-91, WB SR-91 TO SB SR-241.						

<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	PVT - Private		\$22,698	\$4,000	\$3,500	\$3,530	-	-	-	-	\$33,728
	<i>Total Preliminary Engineering</i>		\$22,698	\$4,000	\$3,500	\$3,530	-	-	-	-	\$33,728
ROW	PVT - Private		-	-	-	-	\$2,000	-	-	-	\$2,000
ROW	STPL-R - STP Local Regional		-	-	-	-	\$50	-	-	-	\$50
	<i>Total Right of Way</i>		-	-	-	-	\$2,050	-	-	-	\$2,050
CON	AGENCY - Agency		-	-	-	-	-	\$109,888	-	-	\$109,888
CON	PVT - Private		-	-	-	-	-	-	\$18,632	\$36,000	\$54,632
	<i>Total Construction</i>		-	-	-	-	-	\$109,888	\$18,632	\$36,000	\$164,520
	<b>Total Programmed</b>		<b>\$22,698</b>	<b>\$4,000</b>	<b>\$3,500</b>	<b>\$3,530</b>	<b>\$2,050</b>	<b>\$109,888</b>	<b>\$18,632</b>	<b>\$36,000</b>	<b>\$200,298</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA111801	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-14	<i>Conform Category</i>	TCM Committed	<i>Total Project Cost</i>	\$181,480
<i>Lead Agency</i>	VARIOUS AGENCIES			<i>Modeling</i>	YES		
<i>County</i>	Orange	<i>Primary Program Code</i>	CAX62 - HIGHWAY/ROAD IMP-LANE ADD'S W/ HOV LN: RS	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0730
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 5 , From Alicia Parkway to El Toro Road, Milepost Begins at 17.1 Ends at 18.9 of Length 1.8						
<i>Description</i>	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.						

Phase	Fund Source	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
PE	ORAFWY2 - Orange County Sales Tax Measure		\$1,568	-	-	-	-	-	-	-	\$1,568
PE	STPL-R - STP Local Regional		\$9,710	-	-	-	-	-	-	-	\$9,710
	<i>Total Preliminary Engineering</i>		\$11,278	-	-	-	-	-	-	-	\$11,278
ROW	ORAFWY2 - Orange County Sales Tax Measure		\$17,623	-	-	-	-	-	-	-	\$17,623
ROW	STPL-R - STP Local Regional		\$9,419	-	-	-	-	-	-	-	\$9,419
	<i>Total Right of Way</i>		\$27,042	-	-	-	-	-	-	-	\$27,042
CON	Highway Infrastructure Program (HIP)		-	-	\$4,728	-	-	-	-	-	\$4,728
CON	LOC-AC - Local Transportation Funds - Advance Construction		-	-	\$6,830	-\$6,830	-	-	-	-	-
CON	ORAFWY2 - Orange County Sales Tax Measure		-	-	\$98,276	-	-	-	-	-	\$98,276
CON	SB1 LOCAL PARTNERSHIP FORMULA FUNDS		-	-	\$9,388	-	-	-	-	-	\$9,388
CON	STPL-R - STP Local Regional		-	-	\$23,938	\$6,830	-	-	-	-	\$30,768
	<i>Total Construction</i>		-	-	\$143,160	-	-	-	-	-	\$143,160
	<b><i>Total Programmed</i></b>		<b>\$38,320</b>	-	<b>\$143,160</b>	-	-	-	-	-	<b>\$181,480</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA120320	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-01	<i>Conform Category</i>	NON-EXEMPT	<i>Total Project Cost</i>	\$107,433
<i>Lead Agency</i>	VARIOUS AGENCIES	<i>Primary Program Code</i>		<i>Modeling</i>	YES		
<i>County System</i>	Orange State Hwy			<i>Air Basin</i>	SCAB	<i>RTP ID</i>	ORA120320
<i>Project Limits Description</i>	Route 57 , From SR-57 to Lambert. Milepost Begins at 20.3 Ends at 21.6 of Length 1.3 SR-57/LAMBERT RD INTERCHANGE IMPROVEMENTS - (PPNO 3834)						

<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	CITY - City Funds		\$5,521	\$500	-	-	-	-	-	-	\$6,021
PE	DEMOT21 - Demonstration - Tea 21		\$924	-	-	-	-	-	-	-	\$924
PE	ORAM2RC - Orange Co. Measure M2-Regional Capacity		\$927	-	-	-	-	-	-	-	\$927
	<i>Total Preliminary Engineering</i>		\$7,372	\$500	-	-	-	-	-	-	\$7,872
ROW	CITY - City Funds		\$500	\$6,029	-	-	-	-	-	-	\$6,529
ROW	ORAM2RC - Orange Co. Measure M2-Regional Capacity		\$5,929	-	-	-	-	-	-	-	\$5,929
	<i>Total Right of Way</i>		\$6,429	\$6,029	-	-	-	-	-	-	\$12,458
CON	ORAM2RC - Orange Co. Measure M2-Regional Capacity		-	\$12,398	-	-	-	-	-	-	\$12,398
CON	SB1 TRADE CORRIDOR ENHANCEMENT ACCOUNT		-	\$65,705	-	-	-	-	-	-	\$65,705
CON	STIP Advance Cons		-	\$9,000	-	-	-	-	-	-	\$9,000
	<i>Total Construction</i>		-	\$87,103	-	-	-	-	-	-	\$87,103
	<b>Total Programmed</b>		<b>\$13,801</b>	<b>\$93,632</b>	-	-	-	-	-	-	<b>\$107,433</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA130302	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-13	<i>Conform Category</i>	NON-EXEMPT	<i>Total Project Cost</i>	\$223,430
<i>Lead Agency</i>	VARIOUS AGENCIES			<i>Modeling</i>	YES		
<i>County</i>	Orange	<i>Primary Program Code</i>	CAX63 - HIGHWAY/ROAD IMP - LANE ADD'S ( NO HOV LANES): RS	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0731
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 5 , From I-405 to Yale Avenue, Milepost Begins at 21.3 Ends at 25.8 of Length 4.5						
<i>Description</i>	I-5 Improvement (I-405 to Yale Avenue) - Add one mixed flow lane northbound from truck bypass on-ramp to SR 55; add one mixed flow lane southbound from SR 55 to truck bypass.						

<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	AGENCY - Agency		-	-	-	\$14,791	-	-	-	-	\$14,791
PE	STPL-R - STP Local Regional		\$8,000	-	-	-	-	-	-	-	\$8,000
	<i>Total Preliminary Engineering</i>		\$8,000	-	-	\$14,791	-	-	-	-	\$22,791
ROW	ORAFWY2 - Orange County Sales Tax Measure		-	-	-	-	\$2,000	\$4,729	-	-	\$6,729
ROW	STPL-R - STP Local Regional		-	-	-	-	\$2,459	\$25,000	-	-	\$27,459
	<i>Total Right of Way</i>		-	-	-	-	\$4,459	\$29,729	-	-	\$34,188
CON	AGENCY - Agency		-	-	-	-	-	-	\$125,338	-	\$125,338
CON	ORAFWY2 - Orange County Sales Tax Measure		-	-	-	-	-	-	\$20,688	-	\$20,688
CON	STPL-R - STP Local Regional		-	-	-	-	-	-	\$20,425	-	\$20,425
	<i>Total Construction</i>		-	-	-	-	-	-	\$166,451	-	\$166,451
	<b><i>Total Programmed</i></b>		<b>\$8,000</b>	<b>-</b>	<b>-</b>	<b>\$14,791</b>	<b>\$4,459</b>	<b>\$29,729</b>	<b>\$166,451</b>	<b>-</b>	<b>\$223,430</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<b>FTIP ID</b>	ORA131711	<b>FTIP Amendment</b>	Orange County Transportation Authority (OCTA) 19-18	<b>Conform Category</b>	NON-EXEMPT	<b>Total Project Cost</b>	\$213,267
<b>Lead Agency</b>	VARIOUS AGENCIES			<b>Modeling</b>	YES		
<b>County</b>	Orange	<b>Primary Program Code</b>	CAX63 - HIGHWAY/ROAD IMP - LANE ADD'S ( NO HOV LANES): RS	<b>Air Basin</b>	SCAB	<b>RTP ID</b>	2M0730
<b>System</b>	State Hwy						
<b>Project Limits</b>	Route 5 , From SR-73 to Oso Creek, Milepost Begins at 12.4 Ends at 14.5 of Length 2.1						
<b>Description</b>	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)						

Phase	Fund Source	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
PE	ORAFWY2 - Orange County Sales Tax Measure		\$1,570	-	-	-	-	-	-	-	\$1,570
PE	STPL-R - STP Local Regional		\$10,768	-	-	-	-	-	-	-	\$10,768
	<i>Total Preliminary Engineering</i>		\$12,338	-	-	-	-	-	-	-	\$12,338
ROW	ORAFWY2 - Orange County Sales Tax Measure		\$20,726	-	-	-	-	-	-	-	\$20,726
ROW	STPL-R - STP Local Regional		\$13,415	-	-	-	-	-	-	-	\$13,415
	<i>Total Right of Way</i>		\$34,141	-	-	-	-	-	-	-	\$34,141
CON	Highway Infrastructure Program (HIP)		-	\$6,433	-	-	-	-	-	-	\$6,433
CON	LOC-AC - Local Transportation Funds - Advance Construction		-	\$3,984	-\$3,984	-	-	-	-	-	-
CON	ORAFWY2 - Orange County Sales Tax Measure		-	\$34,562	-	-	-	-	-	-	\$34,562
CON	SB1 LOCAL PARTNERSHIP FORMULA FUNDS		-	\$18,242	-	-	-	-	-	-	\$18,242
CON	STIP Advance Cons		-	\$73,735	-	-	-	-	-	-	\$73,735
CON	STPL-R - STP Local Regional		-	-	\$3,984	-	-	-	-	-	\$3,984
CON	TCIF - Trade Corridor Program		-	\$29,832	-	-	-	-	-	-	\$29,832
	<i>Total Construction</i>		-	\$166,788	-	-	-	-	-	-	\$166,788
	<b>Total Programmed</b>		<b>\$46,479</b>	<b>\$166,788</b>	-	-	-	-	-	-	<b>\$213,267</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA131712	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-18	<i>Conform Category</i>	NON-EXEMPT	<i>Total Project Cost</i>	\$205,695
<i>Lead Agency</i>	VARIOUS AGENCIES			<i>Modeling</i>	YES		
<i>County</i>	Orange	<i>Primary Program Code</i>	CAX63 - HIGHWAY/ROAD IMP - LANE ADD'S ( NO HOV LANES): RS	<i>Air Basin</i>	SCAB	<i>RTP ID</i>	2M0730
<i>System</i>	State Hwy						
<i>Project Limits</i>	Route 5 , From Oso Creek to Alicia Parkway, Milepost Begins at 14.5 Ends at 17.1 of Length 2.6						
<i>Description</i>	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 and HIP)						

Phase	Fund Source	(in \$000s)	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Future	Total
PE	ORAFWY2 - Orange County Sales Tax Measure		\$9,247	-	-	-	-	-	-	-	\$9,247
PE	STPL-R - STP Local Regional		\$11,667	-	-	-	-	-	-	-	\$11,667
	<i>Total Preliminary Engineering</i>		\$20,914	-	-	-	-	-	-	-	\$20,914
ROW	ORAFWY2 - Orange County Sales Tax Measure		\$8,841	-	-	-	-	-	-	-	\$8,841
ROW	STPL-R - STP Local Regional		\$4,144	-	-	-	-	-	-	-	\$4,144
	<i>Total Right of Way</i>		\$12,985	-	-	-	-	-	-	-	\$12,985
CON	Highway Infrastructure Program (HIP)		-	\$7,921	-	-	-	-	-	-	\$7,921
CON	LOC-AC - Local Transportation Funds - Advance Construction		\$39,786	\$-7,921	\$-9,881	\$-21,984	-	-	-	-	-
CON	ORAFWY2 - Orange County Sales Tax Measure		-	\$132,010	-	-	-	-	-	-	\$132,010
CON	STPL-R - STP Local Regional		-	-	\$9,881	\$21,984	-	-	-	-	\$31,865
	<i>Total Construction</i>		\$39,786	\$132,010	-	-	-	-	-	-	\$171,796
	<b>Total Programmed</b>		<b>\$73,685</b>	<b>\$132,010</b>	-	-	-	-	-	-	<b>\$205,695</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000 s)**

<i>FTIP ID</i>	ORA151401	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-13	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$6,071
<i>Lead Agency</i>	VARIOUS AGENCIES	<i>Primary Program Code</i>	STUDY - PROJECT STUDY	<i>Modeling</i>		<i>RTP ID</i>	2A0704
<i>County System</i>	Orange State Hwy			<i>Air Basin</i>	SCAB		
<i>Project Limits</i>	Route 5 , From Avenida Pico to San Diego County Line, Milepost Begins at 0 Ends at 3.39 of Length 3.39						
<i>Description</i>	I-5 Managed Lanes from Avenida Pico to San Diego County Line. Toll Credit for RSTP and CMAQ.						

<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>
PE AGENCY - Agency		-	-	-	-	-	-	\$5,500	-	\$5,500
PE CMAQ - Congestion Mitigation Air Quality		\$450	-	-	-	-	-	-	-	\$450
PE STPL-R - STP Local Regional		\$121	-	-	-	-	-	-	-	\$121
<i>Total Preliminary Engineering</i>		\$571	-	-	-	-	-	\$5,500	-	\$6,071
<b><i>Total Programmed</i></b>		<b>\$571</b>	-	-	-	-	-	<b>\$5,500</b>	-	<b>\$6,071</b>

**2019 Federal Transportation Improvement Program  
Orange County  
State Highway - Project Listing  
Including Amendments 1-11 and 13-19\_21  
(In \$000's)**

<i>FTIP ID</i>	ORA171904	<i>FTIP Amendment</i>	Orange County Transportation Authority (OCTA) 19-01	<i>Conform Category</i>	EXEMPT - 93.126	<i>Total Project Cost</i>	\$12,245
<i>Lead Agency</i>	VARIOUS AGENCIES	<i>Primary Program Code</i>	NCN46 - PLANTING/LANDSCAPING	<i>Modeling</i>		<i>RTP ID</i>	2M0730
<i>County System</i>	Orange State Hwy			<i>Air Basin</i>	SCAB		
<i>Project Limits</i>	Route 5 , From to , Begin: 12.4 End: 18.9						
<i>Description</i>	I-5 Improvements from SR-73 to El Toro Road (replacement planting/landscaping). Replacement planting/landscaping related to ORA131711, ORA111801, and ORA131712.						

<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	ORAFWY2 - Orange County Sales Tax Measure		-	-	-	-	-	\$1,050	-	-	\$1,050
	<i>Total Preliminary Engineering</i>		-	-	-	-	-	\$1,050	-	-	\$1,050
ROW	ORAFWY2 - Orange County Sales Tax Measure		-	-	-	-	-	\$50	-	-	\$50
	<i>Total Right of Way</i>		-	-	-	-	-	\$50	-	-	\$50
CON	ORAFWY2 - Orange County Sales Tax Measure		-	-	-	-	-	\$5,145	-	-	\$5,145
CON	STIP Advance Cons		-	-	-	-	-	\$6,000	-	-	\$6,000
	<i>Total Construction</i>		-	-	-	-	-	\$11,145	-	-	\$11,145
	<b>Total Programmed</b>		-	-	-	-	-	<b>\$12,245</b>	-	-	<b>\$12,245</b>