

**2026 Long-Range Transportation Plan  
Draft 2050 Preferred Plan: Modeled Projects**

Route/Mode	From	To	Description
<b>System: Local Highway</b>			
Various			Project O: Master Plan of Arterial Highways buildout
Various			Project P: Regional Traffic Signal Synchronization Program
Various			Transit signal priority
Various			OC Bikeways buildout
Various			Enhanced active transportation network
<b>System: State Highway</b>			
I-5	Alicia Parkway	El Toro Road	Project C: Add one (1) high-occupancy vehicle (HOV) lane in each direction; add auxiliary lanes as needed
I-5	El Toro Road		Project D: Improve access and merging in the vicinity of El Toro Road
I-5	SR-73	Oso Parkway	Project C/D: Add one (1) general purpose lane in each direction; add auxiliary lanes as needed and improve interchange at Avery Parkway
I-5	I-405	Yale	Project B (Segment 1): Add one (1) general purpose lane each direction; improve merging
I-5	Yale Avenue	I-55	Project B (Segment 2): Add one (1) general purpose lane each direction; improve merging
I-5	I-405	Red Hill Avenue	Convert northbound HOV 2+ to HOV 3+ or HOT
I-5	Red Hill Avenue	Los Angeles County Line	Convert the existing HOV lane to an express lane, in each direction, between Red Hill Avenue and SR-55; convert two existing HOV lanes to express lanes, in each direction, between SR-55 and SR-57; convert the existing HOV lane to an express lane, in each direction, from SR-57 to the Orange/Los Angeles County Line; and construct an additional express lane, in each direction, between SR- 57 and SR-91.
I-5	Avenida Pico	San Diego County Line	Add 1 managed lane each direction
I-5	Barranca Parkway		Add southbound HOV on-ramp and northbound HOV off-ramp
SR-55	I-405	I-5	Project F: Add one (1) general purpose Lane and one (1) managed lane each direction and address chokepoints; add auxiliary lanes each direction between select on/off ramps and operations improvements
SR-55	I-5	SR-91	Project F: Add one (1) general purpose lane each direction and address chokepoints from I-5 to SR-22; and other operational improvements
SR-57	Orangewood Avenue	Katella Avenue	Project G: Add one (1) northbound general purpose lane
SR-57	Lambert Road	Los Angeles County Line	Project G: Add one (1) northbound truck climbing lane

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Route/Mode	From	To	Description
<b>System: State Highway (continued)</b>			
SR-73	SR+133	Newport Coast Drive	Add one (1) toll lane in each direction (Catalina View)
SR-73	MacArthur Boulevard	I-405	Add one (1) managed lane each direction
SR-91	SR-55	Lakeview Avenue	Project I: Improve interchanges and merging; add and re-establish auxiliary lanes to several segments; install overhead signs at PM R11.13 to PM R11.38 (Segment 1)
SR-91	La Palma Avenue	SR-55	Project I: Add one (1) eastbound general purpose lane from SR-55 to SR-57; Improve interchanges and merging from SR-55 to La Palma; add auxiliary lanes in some segments (Segment 2).
SR-91	Acacia Avenue	La Palma Avenue	Project I: Add one (1) westbound general purpose lane from the SR-91/SR-57 Connector to State College Blvd; improve interchanges and merging from La Palma Ave to Raymond Avenue; add auxiliary lanes in some segments (Segment 3).
SR-91	SR-241	SR-71	Project J: Add 6th eastbound general purpose lane
SR-91	Fairmont Boulevard		Construct overcrossing and SR-91 Interchange at Fairmont Boulevard
SR-91			Express Lanes operations
SR-241	SR-261	SR-91	Add Express direct connectors
I-405	I-5	SR-55	Project L: Add one (1) general purpose lane each direction and add southbound auxiliary lanes from SR-133 to Irvine Center Drive
I-405	I-605	SR-55	Express Lanes operations
I-605	Katella Avenue		Improve interchange
Various			Freeway chokepoint improvement projects – assumed locations: <ul style="list-style-type: none"> <li>• I-5 northbound at SR-22/SR-57 off-ramps</li> <li>• SR-57 northbound at Ball Road</li> <li>• SR-57 northbound at SR-91</li> <li>• SR-57 southbound at SR-90</li> <li>• SR-57 southbound from Nutwood Avenue to Orangethorpe Avenue</li> <li>• SR-91 eastbound from Brookhurst Street to Raymond Avenue</li> </ul>
Various			Caltrans conversion to Express; HOT 3+ network

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Route/Mode	From	To	Description
<b>System: Transit</b>			
OC Bus			Comprehensive Business Plan Restored Services
OC Bus			Making Better Connections Plan
OC Bus			OC Transit Vision Transit Opportunity Corridors <ul style="list-style-type: none"> <li>• Beach Boulevard</li> <li>• Garden Grove Boulevard – Chapman Avenue</li> <li>• Edinger Avenue</li> <li>• Main Street</li> <li>• Katella Avenue</li> <li>• La Palma Ave – Lincoln Avenue</li> <li>• Warner Avenue</li> <li>• Harbor Boulevard</li> <li>• State College Boulevard – Bristol Street</li> <li>• Westminster Avenue – 17<sup>th</sup> Street</li> </ul>
OC Bus			Transit Signal Priority
OC Streetcar	SARTC	Harbor Boulevard	OC Streetcar
Metrolink			October 2024 Service: 58 weekday trains
Metrolink			Project R: Placentia Metrolink Station
LOSSAN			Grade separation at Ball Road, Grand Avenue, Main Street, and Orangethorpe Avenue
LOSSAN	Grand Avenue	Santiago Street	17th Street grade separation
LOSSAN	Santiago	I-5	Santa Ana Boulevard grade separation
LOSSAN	Howell Avenue	Katella Avenue	State College Boulevard grade separation
<b>System: Others</b>			
Countywide			OC Mobility Hubs Network
Countywide			TDM strategies (remote work, reduced transit fares, etc.)
Countywide			TSMO strategies (enhanced signal synchronization, connected vehicles integration, integrated corridor management, etc.)

**Acronyms**

BRT – Bus Rapid Transit  
Caltrans – California Department of Transportation  
HOV – High-Occupancy Vehicle  
HOT – High-Occupancy Toll  
I-5 – Interstate 5  
I-405 – Interstate 405  
I-605 – Interstate 605  
LOSSAN – The Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency  
PM – Post Mile  
SARTC – Santa Ana Regional Transportation Center

SR-22 – State Route 22  
SR-55 – State Route 55  
SR-57 – State Route 57  
SR-71 – State Route 71  
SR-73 – State Route 73  
SR-90 – State Route 90  
SR-91 – State Route 91  
SR-133 – State Route 133  
SR-241 – State Route 241  
SR-261 – State Route 261  
TDM – Transportation Demand Management  
TSMO – Transportation Systems Management and Operations