

Draft 2045 Preferred Plan - Modeled Projects

System	Route	Description	From	To
Local Highway		Buildout Master Plan of Arterial Highways		
Local Highway		Signal synchronization		
Local Highway		Enhanced signal synchronization and integration with connected vehicles		
State Highway	I-5	Project A: Add one managed lane in each direction	SR-55	SR-57
State Highway	I-5	Project B: Add one general purpose lane in each direction from I-405 to Yale Avenue; add one general purpose lane in each direction from Yale Avenue to SR-55; improve merging	I-405	SR-55
State Highway	I-5	Project C: Add one managed lane in each direction; add auxiliary lanes as needed	Alicia Parkway	El Toro Road
State Highway	I-5	Projects C/D: Add one general purpose lane in each direction, plus auxiliary lanes as needed and improve Avery Parkway interchange	SR-73	Oso Parkway
State Highway	I-5	Project C/D: Add one general purpose lane in each direction, plus auxiliary lanes as needed and improve La Paz Road interchange	Oso Parkway	Alicia Parkway
State Highway	I-5	Project D: Improve access and merging in the vicinity of El Toro Road	El Toro Road	
State Highway	I-5	Add one managed lane in each direction	Avenida Pico	San Diego County Line
State Highway	I-5	Add southbound managed lane on-ramp and northbound managed lane off-ramp	Barranca Parkway	I-5
State Highway	I-5	Add one managed lane in each direction	SR-57	SR-91
State Highway	SR-22	Improve operations and merging in vicinity of I-5/SR-57 interchange	I-5/SR-57	
State Highway	SR-55	Project F: Add one general purpose lane and one managed lane in each direction and fix chokepoints; add auxiliary lanes between select on/off ramps and other operational improvements through project limits	I-405	I-5
State Highway	SR-55	Project F: Add one general purpose lane in each direction and fix chokepoints from I-5 to SR-22; and other operational improvements throughout project limits	I-5	SR-91
State Highway	SR-57	Project G: Add one northbound general purpose lane	Orangewood Avenue	Katella Avenue
State Highway	SR-57	Improve SR-57/Lambert Road interchange	Lambert Road	
State Highway	SR-57	Project G: Add one northbound truck climbing lane	Lambert Road	Los Angeles County Line
State Highway	SR-73	Add one managed lane in each direction	I-405	MacArthur Boulevard
State Highway	SR-73	Add one toll lane in each direction	SR 133	Newport Coast Drive

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State Highway	SR-91	Project I: Add one eastbound general purpose lane from La Palma Avenue to SR-55; add one westbound general purpose lane from La Palma Avenue to Acacia Street; improve operations from Lakeview Avenue to Raymond Avenue	Raymond Avenue	Lakeview Avenue
State Highway	SR-91	Project J: Add one eastbound general purpose lane; Add one westbound general purpose lane from Green River Road to SR-241	SR-241	SR-71
State Highway	SR-91	Add overcrossing and SR-91/Fairmont Boulevard interchange	Fairmont Boulevard	SR-91
State Highway	SR-91	Add Express Lane Connector at SR-91/SR-241	SR-241	
State Highway	SR-241	Add overcrossing and SR-241/Oso Parkway/ Los Patrones Parkway interchange	Oso Parkway	SR-241/ Los Patrones Parkway
State Highway	SR-241	Add one toll lane in each direction	SR-133	North of SR-261 Junction
State Highway	I-405	Add one express lane in each direction and convert the existing managed lane to an express lane Project K: Add one general purpose lane in each direction and improve operations	SR-605	SR-55
State Highway	I-405	Project L: Add one general purpose lane in each direction and add one southbound auxiliary lane from SR-133 to Irvine Center Drive	I-5	SR-55
State Highway	I-405	Add auxiliary lanes – University Drive to Sand Canyon Avenue and Sand Canyon Avenue to SR-133	University Drive	SR-133
State Highway	I-605	Project M: Improve I-605/Katella Avenue interchange	Katella Avenue	
State Highway		Chokepoint relief projects – currently assumed locations: <ul style="list-style-type: none"> • I-405 northbound at Jeffrey Road • SR-55 southbound at Lincoln Avenue • SR-57 southbound at Ball Road • SR-91 eastbound at SR-241 • SR-91 westbound at SR-241 • I-5 southbound south of SR-133 		
State Highway		Conversion of carpool lanes to tolled Express Lanes by 2045 (Caltrans initiative) - tolled access to lanes except for vehicles with three or more persons		
Transit		Project S: OC Streetcar	SARTC	Harbor Boulevard/ Westminster Avenue

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System	Route	Description	From	To
Transit		OC Bus and OC ACCESS - 1.926 million revenue vehicle hours – includes: <ul style="list-style-type: none"> • Building Better Connections • Main Street BRAVO! • Expanded Main Street BRAVO! • Expanded Beach Boulevard BRAVO! • Lincoln Avenue/La Palma Avenue BRAVO! • Chapman Avenue BRAVO! • McFadden Boulevard/Bolsa Avenue BRAVO! • Westminster Avenue/17th Street/ Bristol Street high-capacity transit • Bristol Street/State College Boulevard high-capacity transit • South Harbor Boulevard high-capacity transit • North Harbor Boulevard high-capacity transit • I-5 BRT • SR-55 BRT 		
Transit		Reduced or fare free transit service		
Transit		Expanded microtransit service (e.g., OC Flex)		
Transit		Expanded Metrolink Operations - 86 weekday trains		
Transit		Placentia Metrolink Station		
TDM/TSM		Active Transportation Network Buildout		
TDM/TSM		Mobility Hubs Network		
TDM/TSM		Remote Work Incentive Program		

Acronyms

Caltrans – California Department of Transportation

BRT – Bus Rapid Transit

SARTC – Santa Ana Regional Transportation Center

TDM/TSM – Transportation Demand Management and Transportation System Management

I-5 – Interstate 5

I-405 – Interstate 405

I-605 – Interstate 605

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-91 – State Route 91

SR-133 – State Route 133

SR-241 – State Route 241

SR-261 – State Route 261