

OUR PROGRESS SINCE 2012

THE 2012 RTP/SCS WAS THE FIRST REGIONAL PLAN THAT SCAG DEVELOPED WITH A SUSTAINABLE COMMUNITIES STRATEGY,

a new state requirement following the passage of SB 375, the Sustainable Communities and Climate Protection Act of 2008. The legislation required that land use and transportation planning be integrated to achieve its prescribed greenhouse gas reduction targets and air quality requirements. At its core, the 2012 RTP/SCS envisioned a future in which an abundance of safe and efficient transportation choices provide ready access to jobs, education and healthcare—and the region's economy, public health and overall quality of life are strong. Since 2012, the region has made considerable progress. Here are some highlights:



TRANSIT

Transit service continues to expand throughout the region and the level of service has exceeded pre-recessionary levels—mainly due to a growth in rail service. Significant progress has been made toward completing capital projects for transit, including the Metro Orange Line Extension and the Metro Expo Line. Meanwhile, five major Metro Rail projects are now under construction in Los Angeles County.



PASSENGER RAIL

Passenger rail is expanding and improving service on several fronts. The Amtrak Pacific Surfliner is now being managed locally by the Los Angeles-San Diego-San Luis Obispo (LOSSAN) Rail Corridor Agency; Riverside County Transportation Commission (RCTC) completed the Perris Valley Line in early 2016; Metrolink became the first commuter railroad in the nation to implement Positive Train Control and purchase fuel-efficient, low-emission Tier IV locomotives; and the California High-Speed Train is under construction in the Central Valley, and planning and environmental work is underway in our region to the Los Angeles/Anaheim Phase One terminus. Several other capital projects are underway or have been completed, including the Anaheim Regional Intermodal Transportation Center (ARTIC) and the Burbank Bob Hope Airport Regional Intermodal Transportation Center, among others.



HIGHWAYS

The expansion of highways has slowed considerably over the last decade because of land, financial and environmental constraints. Still, several projects have been completed since 2012 to improve access and close critical gaps and congestion chokepoints in the regional network. These include the Interstate 10 westbound widening in Redlands and Yucaipa, the Interstate 215 Bi-County HOV Project in Riverside and San Bernardino Counties, and a portion of the Interstate 5 South Corridor Project in Los Angeles County (between North Fork Coyote Creek to Marquardt Avenue), among others.



REGIONAL HIGH-OCCUPANCY VEHICLE (HOV) AND EXPRESS LANE NETWORK

The demands on our region's highways continue to exceed available capacity during peak periods, but several projects to close HOV gaps have been completed. The result has been 39 more lanes miles of regional HOV lanes on Interstates 5, 405, 10, 215 and 605, on State Routes 57 and 91 and on the West County Connector Project (direct HOV connection between Interstate 405, Interstate 605 and State Route 22) within Orange County. The region is also developing a regional express lane network. Among the milestones: a one-year demonstration of express lanes in Los Angeles County along Interstate 10 and Interstate 110 was made permanent in 2014; and construction has begun on express lanes on State Route 91 extending eastward to Interstate 15 in Riverside County.



ACTIVE TRANSPORTATION

Our region is making steady progress in encouraging more people to embrace active transportation and more than \$650 million in Active Transportation Program investments are underway. Nearly 38 percent of all trips are less than three miles, which is convenient for walking or biking. As a percentage share of all trips, bicycling has increased more than 70 percent since 2007 to 1.12 percent. More than 500 miles of new bikeways have been constructed in the region and safety and encouragement programs are helping people choose walking and biking as options.



GOODS MOVEMENT

The region continues to make substantial progress toward completing several major capital initiatives to support freight transportation and reducing harmful emissions generated by goods movement sources. Progress since 2012 has included implementation of the San Pedro Bay Ports Clean Air Action Program (CAAP), reducing diesel particulate matter by 82 percent, nitrogen oxide by 54 percent and sulfur dioxide by 90 percent; and the San Pedro Bay Ports Clean Truck Program has led to an 80 percent reduction in port truck emissions. The region has also shown progress in advanced technology for goods movement, including a one-mile Overhead Catenary System (OCS) in the City of Carson. Construction of the Gerald Desmond Bridge has begun. Seventeen out of 71 planned grade separation projects throughout the region have been completed, and another 21 should be completed in 2016. Double tracking of the Union Pacific (UP) Alhambra Subdivision has been initiated. The Colton Crossing, which physically separated two Class I railroads with an elevated 1.4-mile-long overpass that lifts UP trains traveling east-west, was completed in August 2013.



SUSTAINABILITY IMPLEMENTATION

Since 2012, SCAG's Sustainability Planning Grant Program has funded 70 planning projects (totaling \$10 million) to help local jurisdictions link local land use plans with 2012 RTP/SCS goals. Local jurisdictions have updated outmoded General Plans and zoning codes; completed specific plans for town centers and Transit Oriented Development (TOD); implemented sustainability policies; and adopted municipal climate action plans. Thirty of the 191 cities and two of the six counties in the SCAG region report having updated their General Plans since 2012, and another 42 cities have General Plan updates pending. Fifty-four percent of the cities reporting adopted or pending General Plan updates include planning for Transit Oriented Development (TOD), 55 percent plan to concentrate key destinations, and 76 percent include policies encouraging infill development. Of the counties reporting updates or pending updates to their General Plans, 75 percent include TOD elements, 100 percent encourage infill development, 75 percent promote concentrated destinations, and 75 percent feature policies to address complete communities. To protect water quality, 91 percent of cities have adopted water-related policies and 85 percent have adopted measures to address water quality. To conserve energy, 86 percent of cities have implemented community energy efficiency policies, with 80 percent of those cities implementing municipal energy efficiency policies and 76 percent implementing renewable energy policies. Of the region's 191 cities, 189 have completed sustainability components, with 184 cities implementing at least ten or more sustainability policies or programs and ten cities implementing 20 or more sustainability policies or programs. This last group includes Pasadena, Pomona and Santa Monica.



AFFORDABLE HOUSING

The state is offering new opportunities to help regions promote affordable housing. In spring 2015, California's Affordable Housing Sustainable Communities (AHSC) program awarded its first round of funding to applicants after a competitive grant process. Of \$122 million available statewide, \$27.5 million was awarded to ten projects in the SCAG region. Eight-hundred forty-two affordable units, including 294 units designated for households with an income of 30 percent or less of the area median income, will be produced with this funding. Meanwhile, Senate Bill 628 (Beall) and Assembly Bill 2 (Alejo), provide jurisdictions with an opportunity to establish a funding source to develop affordable housing and supportive infrastructure and amenities.



PUBLIC HEALTH

The SCAG region has several ongoing efforts to promote public health. The Los Angeles County Departments of Public Health and the City of Los Angeles Planning Department are developing a Health Atlas that highlights health disparities among neighborhoods. In Riverside County, the Healthy Riverside County Initiative has formed a Healthy City Network to continue to successfully work with the county's 28 cities to enact Healthy City Resolutions and Health Elements into their General Plans. The County of San Bernardino has recently completed the Community Vital Signs Initiative, which envisions a "county where a commitment to optimizing health and wellness is embedded in all decisions by residents, organizations and government."



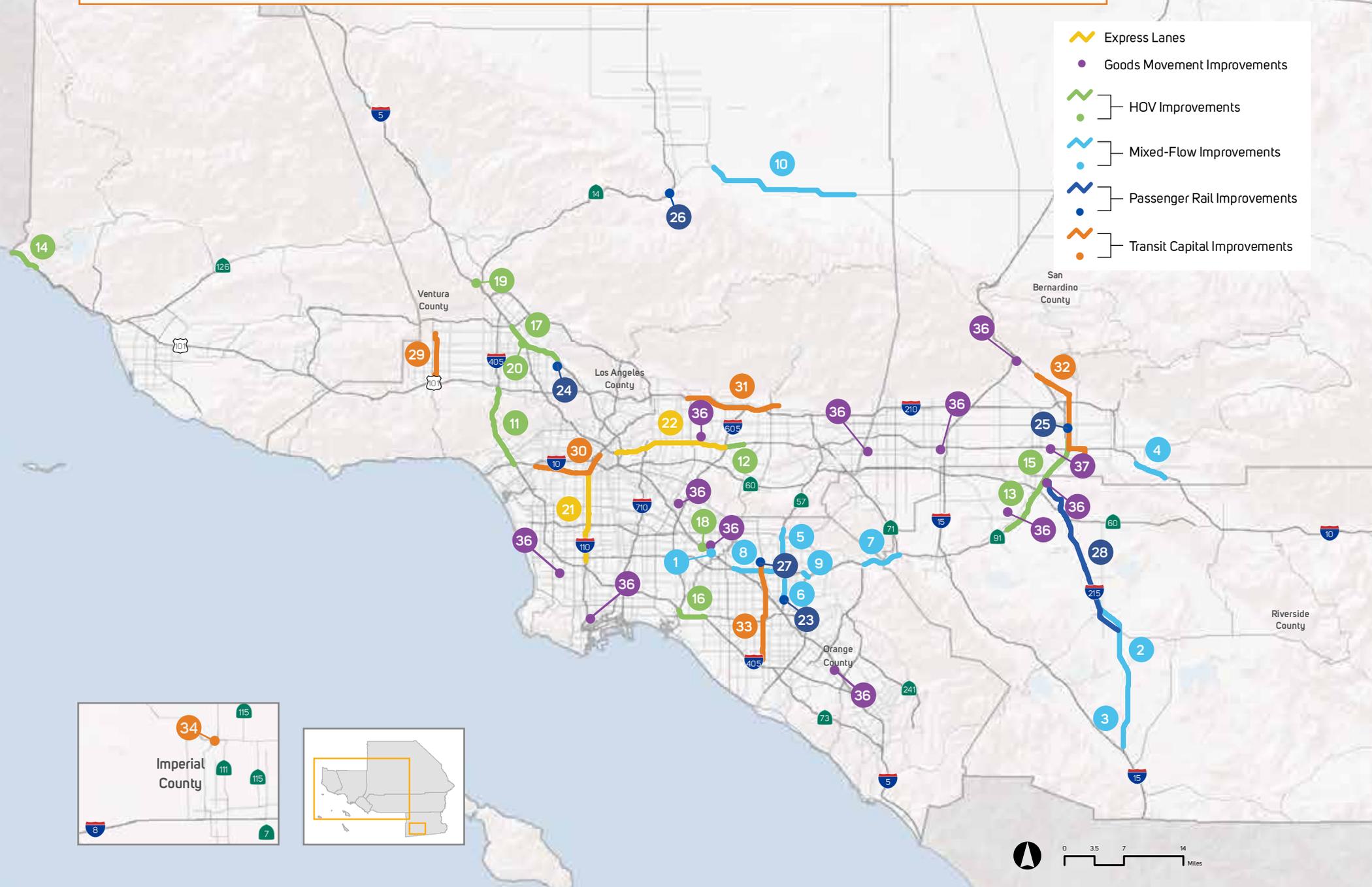
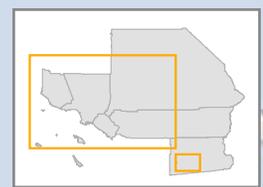
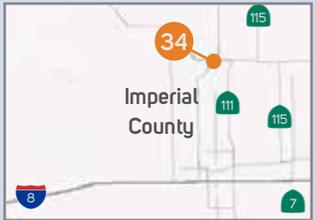
ENVIRONMENTAL JUSTICE

Since the adoption of the 2012 RTP/SCS, social equity and environmental justice have become increasingly significant priorities in regional plans. For example, plans to promote active transportation, improve public health, increase access to transit, preserve open space, cut air pollution and more are all evaluated for how well the benefits of these efforts are distributed among all demographic groups. The State of California's Environmental Protection Agency (Cal/EPA) developed a new tool, CalEnviroScreen, which helps to identify areas in the state that have higher levels of environmental vulnerability due to historical rates of toxic exposure and certain social factors. Based on this tool, much of the region can stand to benefit from Cap-and-Trade grants that give priority to communities that are disproportionately impacted.

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Mobility Projects in the SCAG Region

- Express Lanes
- Goods Movement Improvements
- HOV Improvements
- Mixed-Flow Improvements
- Passenger Rail Improvements
- Transit Capital Improvements

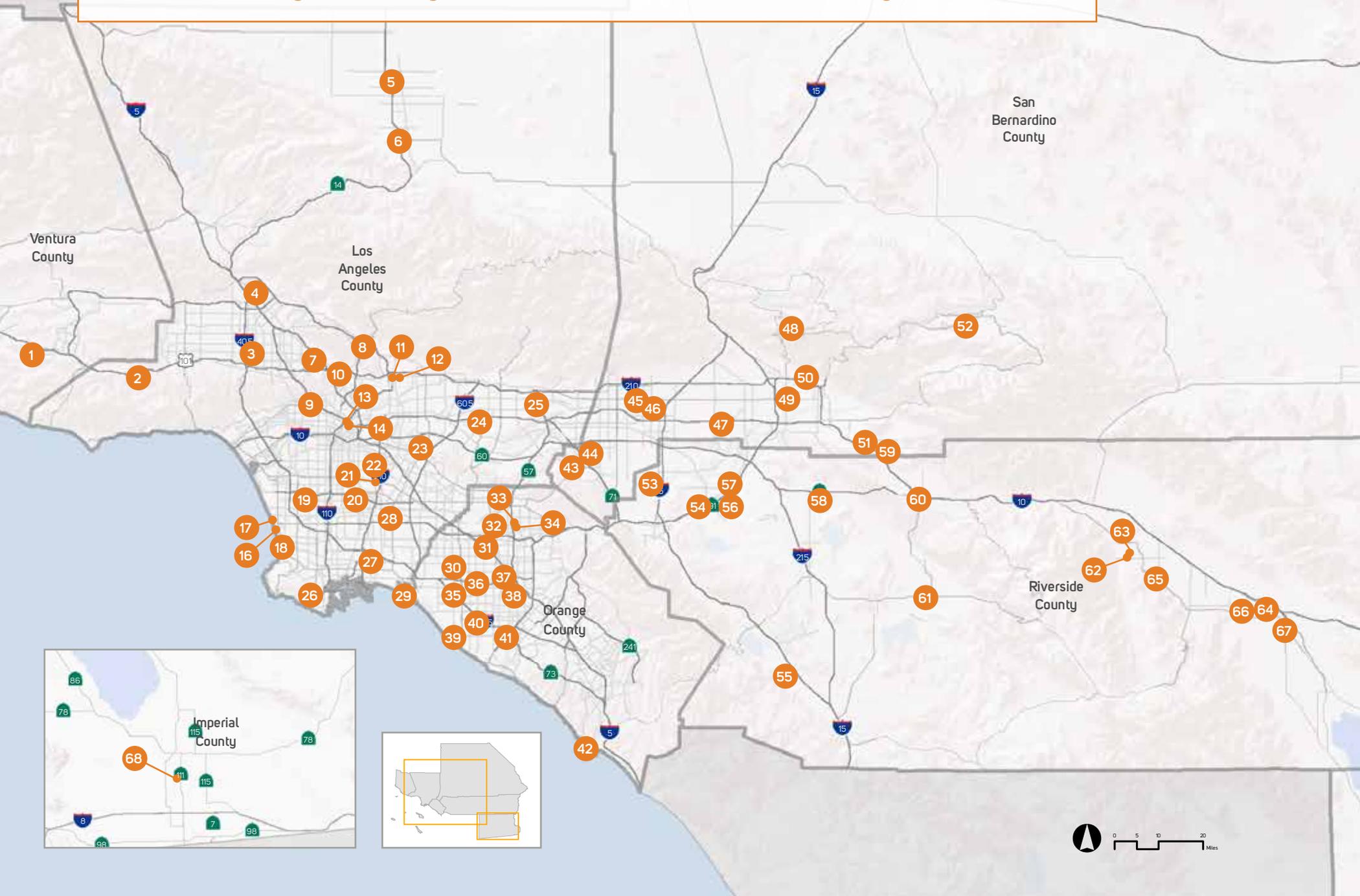




- 1 I-5 South Corridor**
One mixed-flow lane on I-5 from OC line to I-605 (currently in construction, however portion between North Fork Coyote Creek to Marquardt Avenue is complete).
- 2 I-215 Central**
One mixed-flow lane in each direction between Scott Road and Nuevo Road.
- 3 I-215 South**
One mixed-flow lane in each direction between Murrieta Hot Springs Road and Scott Road.
- 4 I-10 Widening**
One westbound mixed flow lane on I-10 between Live Oak Canyon Road in Yucaipa and Ford Street in Redlands.
- 5 State Route 57 Widening (Northern Segment)**
One northbound mixed-flow lane on SR-57 between Orangethorpe Avenue and Lambert Road.
- 6 State Route 57 Widening (Southern Segment)**
One northbound mixed-flow lane on SR-57 between Katella Avenue and Lincoln Avenue.
- 7 SR-91 Lane Addition (Eastern Segment)**
One mixed-flow lane on SR-91 between SR-241 and SR-71.
- 8 SR-91 Lane Addition (Western Segment)**
One westbound mixed-flow lane on SR-91 between SR-57 and I-5.
- 9 SR-91 Lane Extension and Reconstruction**
Addition of a Tustin Avenue exit bypass lane, reconstructing the auxiliary lane and modifying the number one and two lanes of the connector to serve as two general purpose lanes that merge into one general purpose lane just west of Tustin Avenue off-ramp.
- 10 SR-138 Corridor Improvements**
Lane widening on SR-138 between Avenue T and SR-18.
- 11 I-405 Sepulveda Pass Improvements**
Addition of northbound HOV lane on I-405 between I-10 and US-101.
- 12 I-10 HOV Lane (Phase I)**
Addition of HOV lane on I-10 between I-605 and Puente Avenue as permanent facility.
- 13 SR-91 HOV Lane**
Addition of HOV lane on SR-91 from Adams Street to SR-60/I-215 Interchange.
- 14 US-101 HOV Lane**
Addition of HOV lane on US-101 from Mobil Pier Road to Casitas Pass Road.
- 15 I-215 Bi-County HOV Gap Closure**
Addition of HOV lane on I-215 from Orange Show Road to SR-91/SR-60 Interchange.
- 16 West County Connector**
Direct HOV connector between I-405/I-605/SR-22.
- 17 I-5 HOV Lane**
Addition of HOV lane on I-5 from Hollywood Way to SR-118.
- 18 I-5 South Corridor**
Addition of HOV lane on I-5 from OC line to I-605 (currently in construction, however portion between North Fork Coyote Creek to Marquardt Avenue is complete).
- 19 I-5/SR-14 HOV Connector**
Addition of HOV connector between I-5 and SR-14.
- 20 SR-170/I-5 HOV Connector**
Addition of HOV connector between SR-170 and I-5.
- 21 I-110 Express Lanes**
Conversion of the I-110 Harbor Transitway HOV lanes (Harbor Gateway Transit Center to Adams Blvd.) to permanent Express Lanes.
- 22 I-10 Express Lanes**
Conversion of the I-10 El Monte Busway HOV lanes (I-605 to Alameda St.) to permanent Express Lanes.
- 23 Anaheim Regional Intermodal Transportation Center (ARTIC)**
An Intermodal transportation center in Orange County serving Orange County Transportation Authority (OCTA) buses and various intercity buses, as well as Metrolink and the Amtrak Pacific Surfliner.
- 24 Burbank Bob Hope Airport Regional Intermodal Transportation Center**
A multimodal transportation center which includes a consolidated rental car center, bike storage and a bus transit center. A pedestrian bridge to the existing Amtrak and Metrolink station is in the planning stage.
- 25 Downtown San Bernardino Transit Center and Metrolink Extension**
One-mile Metrolink extension to downtown San Bernardino, from the previous terminus at the Santa Fe Depot. This multimodal center serves Metrolink, sbX (bus rapid transit), the future Redlands Rail and local Omnitrans bus lines.
- 26 Vincent Grade/Acton Siding and Platform**
Adds significant capacity to the northern portion of the Antelope Valley Line, which is mostly single track.
- 27 Fullerton Metrolink Station Parking Structure**
Construction of a parking structure providing an additional 814 parking spaces serving Metrolink and OCTA patrons.
- 28 Metrolink Perris Valley Line**
A 24-mile extension of existing Metrolink service from downtown Riverside to south Perris, with four new stations constructed at Riverside Hunter Park, Moreno Valley/March Field, Downtown Perris and South Perris.
- 29 Metro Orange Line Extension**
A four-mile northward extension of the Metro Orange Line from Canoga Station to the Chatsworth Station.
- 30 Metro Exposition Line**
An 8.6 mile light rail corridor connecting Downtown LA and Culver City, including ten new light rail stations.
- 31 Metro Gold Line Foothill Extension Phase 2A**
An 11.5-mile light rail extension between Pasadena and Azusa serving six new stations.
- 32 Omnitrans E Street sbX**
A 16-mile bus rapid transit project including 6-miles of dedicated bus lanes on E Street, providing service between California State University San Bernardino and the City of Loma Linda.
- 33 OCTA Bravo! Route 543**
A new 12-mile limited-stop bus service along Harbor Boulevard, from the Fullerton Transportation Center through the cities of Anaheim, Garden Grove, Santa Ana and terminating at MacArthur Boulevard in Costa Mesa.
- 34 The Brawley Transit Transfer Center**
Transit transfer station in Imperial County serving various Imperial Valley Transit routes including the new Gold Line circulator shuttle.
- 35 SunLine Transit Administrative Facility**
New SunLine Transit administrative building in Coachella Valley.
- 36 Grade Separations**
Various grade separation improvements throughout the region.
- 37 Colton Crossing**
A rail to rail grade separation project that physically separated two Class I mainline rail tracks with an elevated 1.4 mile-long overpass that lifts UP trains traveling east-west. This project removed the chokepoint that existed where the Burlington Northern Santa Fe (BNSF) mainline crossed UP tracks in Colton.

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Sustainability Planning Grant Projects in the SCAG Region



VENTURA COUNTY

- 1 Ventura County Connecting Newbury Park Multi-Use Pathway Plan

LOS ANGELES COUNTY

- 2 Las Virgenes-Malibu Council of Governments Multi-Jurisdictional Regional Bicycle Plan
- 3 Los Angeles Van Nuys & Boyle Heights Modified Parking Requirements
- 4 Los Angeles Northeast San Fernando Sustainability & Prosperity Strategy
- 5 Lancaster Complete Streets Master Plan
- 6 Palmdale Avenue Q Feasibility Study
- 7 Burbank Mixed-Use Development Standards
- 8 La Cañada Flintridge Climate Action Plan
- 9 Los Angeles Hollywood Central Park
- 10 Glendale Space 134
- 11 Pasadena Form-Based Street Design Guidelines
- 12 Pasadena GHG Emission Reduction Evaluation Protocol
- 13 Los Angeles CEQA Streamlining Assessment
- 14 Los Angeles Park 101 District
- 15 Los Angeles Bicycle Plan Performance Evaluation
- 16 Hermosa Beach Carbon Neutral Plan
- 17 South Bay Bicycle Coalition Mini-Corral Plan

- 18 South Bay COG Neighborhood-Oriented Development Graphics

- 19 Hawthorne Crenshaw Station Area Active Transportation Plan

- 20 Lynwood Safe and Healthy Community Element

- 21 South Gate Gateway District/Eco Rapid Transit Station Specific Plan

- 22 Bell General Plan Update

- 23 Pico Rivera Kruse Rd. Open Space Study

- 24 West Covina Downtown Central Business District

- 25 San Dimas Downtown Specific Plan

- 26 Rancho Palos Verdes/Los Angeles Western Ave. Corridor Design Implementation Guidelines

- 27 Long Beach Willow Springs Wetland Habitat Creation Plan

- 28 Paramount/Bellflower Regional Bicycle Connectivity - West Santa Ana Branch Corridor

ORANGE COUNTY

- 29 Seal Beach Climate Action Plan

- 30 Stanton Green Planning Academy

- 31 Anaheim Bicycle Master Plan Update

- 32 Fullerton East Wilshire Avenue Bicycle Boulevard

- 33 Orange County Parks OC Bicycle Loop

- 34 Placentia General Plan/Sustainability Element & Development Code

- 35 Westminster General Plan Update - Circulation Element

- 36 Garden Grove Re:IMAGINE Pedals & Feet

- 37 Orange County "From Orange to Green" Zoning Code Update

- 38 Santa Ana Complete Streets Plan

- 39 Huntington Beach Neighborhood Electric Vehicle Plan

- 40 Fountain Valley Euclid/I-405 Overlay Zone

- 41 Costa Mesa Implementation Plan for Multi-Purpose Trails

- 42 Dana Point General Plan Update

SAN BERNARDINO COUNTY

- 43 Chino Hills Climate Action Plan and Implementation Strategy

- 44 Chino Bicycle & Pedestrian Master Plan

- 45 Rancho Cucamonga Healthy RC Sustainability Action Plan

- 46 Rancho Cucamonga Metrolink Station and TOD Feasibility Report

- 47 San Bernardino Bloomington Area Valley Blvd. Specific Plan Health & Wellness Element

- 48 SANBAG Climate Action Plan Implementation Tools

- 49 SANBAG Countywide Bicycle Route Mobile Application

- 50 SANBAG Countywide Complete Streets Strategy and Safe Routes to School Study

- 51 Yucaipa College Village/Greater Dunlap Neighborhood Sustainable Community

- 52 Big Bear Lake Rathbun Corridor Sustainability Plan

RIVERSIDE COUNTY

- 53 Eastvale Bicycle & Pedestrian Master Plan

- 54 WRCOG Public Health: Implementing the Sustainability Framework

- 55 WRCOG Land Use, Transportation and Water Quality Planning Framework

- 56 WRCOG Climate Action Plan Implementation

- 57 Riverside Restorative Growthprint

- 58 Moreno Valley Nason St. Corridor Plan

- 59 Calimesa Wildwood & Calimesa Creek Trail Master Plan

- 60 Beaumont Climate Action Plan

- 61 Hemet Downtown Specific Plan

- 62 Palm Springs Urban Forestry Initiative

- 63 Palm Springs Sustainability Master Plan Update

- 64 Indio General Plan Sustainability & Mobility Elements

- 65 Cathedral City General Plan Update - Sustainability

- 66 CVAG CV Link Health Impact Assessment

- 67 Coachella La Plaza East Urban Development Plan

IMPERIAL COUNTY

- 68 Imperial County Transportation Commission Safe Routes to School Plan