

# North Coast Corridor Program

## Completed Projects

Featured here are projects that have been completed within the NCC. These projects work together to improve our highway and coastal railways — providing more transportation choices. Several of these projects received funds from the voter-approved *TransNet* half-cent sales tax, administered by SANDAG, and are the result of your tax dollars at work.

### Highway

- I-5 High Occupancy Vehicle Extension, Lomas Santa Fe Interchange:** Project extended the existing HOV/carpool lane in each direction from south of Via de la Valle to south of Manchester Avenue and added two new loop-style on-ramps to the interchange. Completed 2009; cost \$66 million.
- I-805 HOV/Carroll Canyon Road Extension Project:** Caltrans and SANDAG extended Carroll Canyon Road under I-805, constructed two miles of HOV/carpool lanes along I-805 from I-5 to Carroll Canyon Road, and built a Direct Access Ramp to/from Carroll Canyon Road to the HOV/carpool lanes. Completed April 2014; cost \$94.8 million.
- Noise Reduction Pilot:** Caltrans conducted the Next Generation Concrete Surface (NGCS) pilot project on I-5 from Via de la Valle to Lomas Santa Fe Drive to determine whether vehicle noise produced on freeways can be reduced. Completed Late 2012; cost \$2 million.



### Rail

- South Carlsbad Double Track:** SANDAG, North County Transit District (NCTD), and Amtrak built a 1.9-mile second main track from Carlsbad Village Drive southward past Cannon Road and constructed a new rail bridge over the Agua Hedionda Lagoon. Completed February 2012; cost \$18.4 million.
- Del Mar Bluffs Stabilization Project:** SANDAG stabilized portions of the 1.6 miles of coastal bluffs between Seagrove Park and Torrey Pines State Beach in the City of Del Mar to ensure uninterrupted rail service. Completed 2012; cost \$4.8 million.
- Santa Fe Pedestrian Undercrossing:** SANDAG constructed a new rail bridge, and a pedestrian undercrossing beneath the tracks, between Highway 101 and Vulcan Avenue, west of Santa Fe Drive. A new crosswalk and traffic signal on Highway 101 were installed to increase pedestrian safety. Completed 2013; cost \$5.9 million.
- Sorrento to Miramar Phase 1:** Phase 1 provided a mile of new track main line, parallel to the existing track, south of Sorrento Valley Boulevard to the east side of I-805, a new rail bridge, and a track crossover to improve operations in Sorrento Valley. Completed March 2014; cost \$44 million.
- Sorrento Valley Double Track:** SANDAG, in collaboration with NCTD and MTS, added a mile of new double track north of the Sorrento Valley COASTER Station, replaced two aging wooden trestle bridges, and constructed a new 81-space surface parking lot south of the station along Sorrento Valley Road for a total of 189 spaces to serve transit riders. Completed November 2015; cost: \$31.8 million.



### Environment/Coastal Access

- Several hundred acres of habitat have been acquired for preservation and/or restoration as part of the NCC Program. Below are two properties that have been acquired and will be preserved indefinitely as open space. Additional acquisitions and restoration plans are underway.
  - La Costa Property:** Acquired in 2009, almost 19 acres of coastal sage scrub habitat is protected in Carlsbad near the Batiquitos Lagoon.
  - Laser Property:** Acquired in 2012, almost six acres of coastal scrub habitat is preserved near the San Elijo Lagoon in Encinitas.
- Additional properties in the NCC have been acquired and will be restored.



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North Coast Corridor  
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» January 2016

## North Coast Corridor Program Under Development and Completed Projects

### The Project

The North Coast Corridor (NCC) Program includes the Interstate 5 (I-5) Express Lanes Project, coastal rail and transit enhancements, and environmental protection with increased coastal access. Highlighted here are projects in various stages of development in the NCC Program area, which spans from La Jolla to Oceanside. These projects are part of a \$6 billion balanced set of transportation, environmental, and coastal access projects to improve the quality of life for residents, create a stronger local and regional economy for the future, and enhance the coastal environment over the next 30 years.

#### Highway Improvements



The I-5 corridor will undergo several improvements over the next 30 years. Funded projects include the extension of the carpool lane on I-5 from Lomas Santa Fe Drive to State Route 78 (SR 78) and the replacement of the I-5/Genesee Avenue Bridge with improvements to the interchange. Later phases that are not yet funded will add Express Lanes on I-5 from La Jolla to Oceanside. Other highway improvements include revamping the interchanges at I-5/SR 78 and I-5/State Route 56. Construction for both projects is anticipated in the 2025-2035 timeframe per the SANDAG 2050 Regional Transportation Plan.

#### Coastal Rail and Transit Enhancements



There are currently more than ten rail enhancement projects under development in the NCC from Sorrento Valley to the Orange County line. The goal in the next 20 years is to double track 99 percent of the Los Angeles-San Diego-San Luis Obispo (LOSSAN) coastal rail corridor from Orange County to Downtown San Diego. To date, more than 60 percent of the San Diego segment has been double tracked, which allows two trains traveling in opposite directions to pass without slowing down or stopping, increasing efficiency and reliability. Rail projects are coordinated and prioritized in phases based on funding and need. As a companion to the I-5 highway improvements, the LOSSAN rail projects play a critical role in the movement of people and goods.

#### Environment Protection and Coastal Access Improvements



The NCC Program includes plans to preserve, enhance, and protect coastal habitats in the corridor. Efforts are underway to preserve hundreds of acres of coastal habitat, improve the health of our six coastal lagoons, and provide new bike/pedestrian trails. Several of the preservation sites have already been purchased through a unique advanced mitigation program.

### Project Schedule and Funding

- Schedule**  
35 projects underway  
\*Review map for specific schedule dates
- Cost**  
More than \$6 billion
- Funding Sources**  
Federal  
State  
SANDAG (*TransNet*)

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See inside map for details.





## North Coast Corridor

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The following are highway, coastal rail, transit, environmental protection, and coastal access improvements currently funded, completed, and/or under construction in the North Coast Corridor.

HIGHWAY IMPROVEMENTS	
1 I-5/SR 78 Interchange ( <i>Feasibility Study</i> ): Conduct feasibility study to determine potential alternatives to be studied in the environmental document. Funded through Study completion. Funded: \$500,000	Environmental Process Begins: 2016
2 Two HOV/Carpool Lanes from Lomas Santa Fe Drive to SR 78: Add one HOV/carpool lane in each direction from Lomas Santa Fe Drive in Solana Beach to SR 78 in Oceanside including the San Elijo and Batiquitos lagoon bridge replacements, and bike/pedestrian trails at I-5 across the lagoons. Funded through Construction. Funded: \$431 million	Construction Begins: Late 2016
3 Lomas Santa Fe Drive to SR 78 Sound walls: Construct some sound walls on private property from Lomas Santa Fe Drive to SR 78. Funded through Construction. Funded: \$54 million	Construction Begins: Mid-2016
4 Noise Reduction Pilot: Conduct Next Generation Concrete Surface (NGCS) pilot project on I-5 from Via de la Valle to Lomas Santa Fe Drive to determine whether vehicle noise produced on freeways can be reduced. Funded: \$2 million	Pilot Completed: Late 2012
5 I-5/SR 56 Interchange: Study alternatives to improve traffic operations between I-5 and SR 56. Funded through Environmental. Funded: \$12 million	Environmental Completion: 2016
6 I-5/Genesee Avenue Interchange: Replace Genesee Avenue overcrossing, widen ramps, and add an auxiliary lane in the northbound direction on I-5. Construct a Class I bike facility from Voigt Drive to Roselle Street including a pedestrian overcrossing at Genesee Avenue. Funded through Construction. Funded: \$105.2 million	Construction Complete: Mid-2017
7 I-5/805 Carroll Canyon DAR: Construct HOV/carpool lane and northfacing DAR from Carroll Canyon Road to the I-5/I-805 merge. Also extend Carroll Canyon Road from Scranton Road to Sorrento Valley Road. Southfacing DAR under construction as part of the I-805 North Express Lanes Project. Funded through Construction. Funded: \$94.8 million	Construction Completed: Spring 2014

COASTAL RAIL AND TRANSIT ENHANCEMENTS	
8 North Oceanside Double Track: Add approximately one mile of second track between Oceanside Harbor and Pier View Way and replace San Luis Rey River rail bridge. Funded through Design. Funded: \$7 million	Design Completion: Early 2016
9 Oceanside Through Track: Add platform and third track at Oceanside Transit Center to accommodate COASTER and/or Metrolink trains. Funded through Construction. Funded: \$23.6 million	Construction Begins: Mid-2016
10 Carlsbad Village Double Track: Add one mile of second track through Carlsbad Village Station and new rail bridge across Buena Vista Lagoon. Funded through Design. Funded: \$ 5.7 million	Study Underway on Design Options
11 Carlsbad Double Track: Add two miles of second track and replace Agua Hedionda Lagoon rail bridge in Carlsbad. Funded through Construction. Funded: \$20.2 million	Construction Completed: Early 2012
12 Poinsettia Station Improvements: Improve Poinsettia Station in Carlsbad to include new grade-separated pedestrian crossing and signals. Funded through Construction. Funded: \$14.5 million	Construction Begins: Early 2017
13 Batiquitos Lagoon Double Track: Add 0.75 miles of second track and replace Batiquitos Lagoon rail bridge. Funded through Environmental. Funded: \$61.4 million	Design Completion: Mid-2017
14 Santa Fe Pedestrian Undercrossing: Add grade-separated pedestrian crossing at Santa Fe Drive in Encinitas, connecting station to residential and business areas as well as coastal resources. Funded through Construction. Funded: \$6 million	Construction Completed: Early 2013
15 San Elijo Lagoon Double Track: Add 1.5 miles of second track, enhance existing pedestrian crossing at Chesterfield Drive, add new grade-separated pedestrian undercrossing south of the San Elijo Lagoon and replace San Elijo Lagoon rail bridge. Funded through Construction. Funded: \$75.7 million	Construction Begins: Mid-2016
16 San Dieguito Double Track/Platform: Add two miles of second track from south of Via de la Valle in Del Mar to south of Lomas Santa Fe Drive in Solana Beach and replace San Dieguito Lagoon rail bridge. Also construct special events platform at Del Mar Fairgrounds. Funded through Environmental. Funded: \$9.5 million	Environmental Completion: Early 2016
17 Del Mar Bluffs Stabilization 3: Stabilize slopes, replace eroded track bed support, and protect and reinforce Del Mar Bluffs along tracks in Del Mar. Funded through Construction. Funded: \$5 million	Construction Completed: Spring 2012
18 Los Peñasquitos Lagoon Bridges Replacement Project: Replace four aging wooden trestle rail bridges. Funded through Construction. Funded: \$31 million	Construction Completion: Mid-2017
19 Sorrento Valley Double Track: Add 1.1 miles of second track just north of the Sorrento Valley Station to Carmel Mountain Road. Funded through Construction. Double track operational as of May 2015. Funded: \$30.8 million	Construction Completed: November 2015
20 Sorrento to Miramar Phase 1: Add 1.1 miles of second track, upgrade signal system, and construct new bridge southeast of Sorrento Valley Station. Funded through Construction. Funded: \$44 million	Construction Completed: March 2014
21 Sorrento to Miramar Phase 2: Add two miles of second track between I-805 and Miramar Road. Funded through Design. Funded: \$11 million	Environmental Completion: Mid-2016
22 SuperLoop Rapid Phase 3: Build up to seven additional SuperLoop Rapid bus stations in La Jolla Colony and on Route 204. Funded through Construction. Funded: \$37 million	Construction Completion: Late 2016
23 Mid-Coast Trolley Extension: Extend the San Diego Trolley's Blue Line by 11 miles from the Old Town Transit Center to the University City community. Funded through Construction. Funded: \$1.7 billion	Construction Begins: Early 2016

ENVIRONMENTAL PROTECTION AND COASTAL ACCESS	
24 Hallmark Property ( <i>mitigation for I-5 Express Lanes Project</i> ): Preserve and create a total of 17.7 acres of coastal habitat adjacent to the Agua Hedionda Lagoon in Carlsbad. Acquired in 2009. Restoration Plans Pending	
25 La Costa Property ( <i>mitigation for I-5 Express Lanes Project</i> ): Protect 18.8 acres of coastal sage scrub habitat at the Batiquitos Lagoon in Carlsbad. Acquired in 2009. Restoration Plans Pending	
26 Batiquitos Bluffs Restoration & Preservation/Enhancement Site: Conserved a 50.5 acre coastal property once proposed for a 19-unit housing development to help enhance the Batiquitos Lagoon nature reserve. Acquired in 2015. Restoration Plans Pending	
27 North Coast Bike Trail: Construct a portion of the trail from Lomas Santa Fe Drive to SR 78. Improve and enhance bike/pedestrian access to local schools, parks, and the coast through Encinitas. Constructions Begins: 2018	
28 Laser Property ( <i>mitigation for I-5 Express Lanes Project</i> ): Preserve 4.12 acres of coastal scrub habitat adjacent to the San Elijo Lagoon in Encinitas. Acquired in 2012. Restoration Plans Pending	
29 San Elijo Lagoon Restoration ( <i>Environmental Document, Independent of NCC</i> ): Enhance and restore biological function and values of the San Elijo Lagoon in Encinitas. The project is a cooperative effort between the County of San Diego Department of Parks and Recreation and the U.S. Army Corps of Engineers. Restoration Plans Pending	
30 San Elijo Lagoon Pedestrian Undercrossing ( <i>part of San Elijo Lagoon Highway Bridge Replacement Project</i> ): Add a north-south Class I facility across the San Elijo Lagoon as part of the I-5 bridge replacement project. Restoration Plans Pending	
31 San Dieguito Lagoon Property ( <i>mitigation for I-5 Express Lanes and San Dieguito Double Track projects</i> ): Restore 107 acres of native habitat in the San Dieguito River Valley. Acquired in 2009. Restoration Plans Pending	
32 Dean Family Trust Property ( <i>mitigation for I-5 Express Lanes Project</i> ): Restore approximately 22.3 acres of disturbed uplands in San Dieguito River Valley. Acquired in 2008. Restoration Plans Pending	
33 Deer Canyon Property II ( <i>mitigation for a combination of highway and rail projects</i> ): Restore 14-acre property in Carmel Valley to native upland and wetland habitat. Acquired in 2011. Restoration Plans Pending	
34 Genesee Class I Bike Facility ( <i>part of I-5/Genesee Avenue Interchange Project</i> ): Construct a Class I bicycle facility adjacent to southbound I-5 between Voigt Drive and Roselle Street including a pedestrian overcrossing at Genesee Avenue. Construction Complete: Mid-2017	
35 Gateway Parcel: Preserve 3.4 acres of coastal property adjacent to the San Elijo Lagoon. Acquired in 2015. Restoration Plans Pending	

Updated August 2015 • Information subject to change

