

Completed North Coast Corridor 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 DAR: 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.



Rail

Carlsbad Double Track: SANDAG, North County Transit District, 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.



Environment/Coastal Access

Several hundred acres of habitat has 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.



North Coast Corridor Projects Under Development Fact Sheet

About 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 comprehensive set of transportation, environment, 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 (SR-78) and the replacement of I-5/Genesee Avenue 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 half of the San Diego segment has been double tracked, which allows two trains to operate simultaneously, increasing efficiency and capacity. 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)

For more information:

KeepSanDiegoMoving.com/NCC

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SANDAGregion

SANDAGregion

See inside map for project details.



North Coast Corridor

A better environment for the future

Projects Under Development in the North Coast Corridor

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

HIGHWAY IMPROVEMENTS

- 1 **I-5 Express Lanes (Environmental Document):** Add two Express Lanes in each direction from La Jolla Village Drive to Vandegrift Boulevard. Funded through Environmental.
Funded: \$56 million Environmental Completed: Fall 2013
- 2 **I-5/SR-78 Interchange (Feasibility Study):** Conduct feasibility study to determine potential alternatives to be studied in the environmental document. Funded through Study Completion.
Funded: \$500,000 Environmental Process Begins: Early 2015
- 3 **Two HOV/Carpool Lanes from Manchester Avenue to SR-78:** Add one HOV/carpool lane in each direction from Manchester Avenue to SR-78 including the San Elijo and Batiquitos lagoon bridge replacements, Manchester Avenue DAR, and bike/pedestrian trails at I-5 across the lagoons. Funded through Construction.
Funded: \$431 million Construction Begins: Late 2015
- 4 **Manchester Avenue to SR-78 Soundwalls:** Construct soundwalls on private property from Manchester Avenue to SR-78. Funded through Construction.
Funded: \$54 million Construction Begins: Early 2016
- 5 **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
- 6 **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: Early 2015
- 7 **I-5/Genesee Interchange:** Replace Genesee Avenue overcrossing, widen ramps and construct auxiliary lanes. 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 Begins: Early 2015
- 8 **I-5/805 Carroll Canyon DAR:** Construct HOV/carpool lane and northbound DAR from Carroll Canyon Road to the I-5/I-805 merge. Also extend Carroll Canyon Road from Scranton Road to Sorrento Valley Road. Funded through Construction.
Funded: \$94.8 million Construction Completed: Spring 2014

COASTAL RAIL AND TRANSIT ENHANCEMENTS

- 9 **North Oceanside Double Track (Eastbrook to Shell):** 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: Mid-2015
- 10 **Oceanside Through Track:** Add platform and third track at Oceanside Transit Center to accommodate COASTER and/or Metrolink trains. Funded through Construction.
Funded: \$21.8 million Construction Begins: Mid-2015
- 11 **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: \$6 million Study Underway on Design Options
- 12 **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
- 13 **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 2016
- 14 **Batiquitos Lagoon Double Track:** Add 2.7 miles of second track and replace Batiquitos Lagoon rail bridge. Funded through Environmental.
Funded: \$61.4 million Design Completion: Mid-2016
- 15 **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
- 16 **San Elijo Lagoon Double Track:** Add 1.5 miles of second track, enhance existing pedestrian crossing at Chesterfield Drive, and replace San Elijo Lagoon rail bridge. Funded through Construction.
Funded: \$77 million Construction Begins: Early 2016
- 17 **San Diego Lagoon 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 Diego Lagoon rail bridge. Also construct special events platform at Del Mar Fairgrounds. Funded through Environmental.
Funded: \$9.5 million Environmental Completion: Mid-2015
- 18 **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
- 19 **Los Peñasquitos Lagoon Bridges Replacement Project:** Replace four aging wooden trestle rail bridges. Funded through Construction.
Funded: \$31 million Construction Begins: 2015
- 20 **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.
Funded: \$30.8 million Construction Completion: Late 2015
- 21 **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
- 22 **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: Early 2015
- 23 **SuperLoop:** Complete construction of Gilman Transit Center at UC San Diego. Phase 3: build five additional SuperLoop bus stations in La Jolla Colony. Funded through Construction.
Funded: \$37 million Construction Completion: Phase 3: Mid-2016
- 24 **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 billion Construction Begins: Late 2015

ENVIRONMENTAL PROTECTION AND COASTAL ACCESS

- 25 **Hallmark Property (mitigation for I-5 Express Lanes Project):** 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
- 26 **La Costa Property (mitigation for I-5 Express Lanes Project):** Protect 18.8 acres of coastal sage scrub habitat at the Batiquitos Lagoon in Carlsbad. Acquired in 2009.
Restoration Plans Pending
- 27 **Batiquitos Bluffs Restoration & Preservation/Enhancement Site:** Restore 3.7 acres of upland and 2.5 acres of wetland while preserving 40 acres of upland. Acquisition and planning underway.
- 28 **North Coast Bike Trail:** Constructs 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.
- 29 **Laser Property (mitigation for I-5 Express Lanes Project):** Preserve 4.12 acres of coastal scrub habitat adjacent to the San Elijo Lagoon in Encinitas. Acquired in 2012.
- 30 **San Elijo Lagoon Restoration (Environmental Document, Independent of NCC):** 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
- 31 **San Elijo Lagoon Pedestrian Undercrossing (part of San Elijo Lagoon Bridge Replacement Project):** Add a north-south Class I facility across the San Elijo Lagoon as part of the replacement project.
Restoration Plans Pending
- 32 **San Diego Lagoon Property (mitigation for I-5 Express Lanes and San Diego Lagoon Double Track projects):** Restore 107 acres of native habitat in the San Diego Lagoon River Valley. Acquired in 2009.
Restoration Plans Pending
- 33 **Dean Family Trust Property (mitigation for I-5 Express Lanes Project):** Restore approximately 22.3 acres of disturbed uplands in San Diego Lagoon River Valley. Acquired in 2008.
Restoration Plans Pending
- 34 **Deer Canyon Property II (mitigation for a combination of highway and rail projects):** Restore 14-acre property in Carmel Valley to native upland and wetland habitat. Acquired in 2011.
Restoration Plans Pending
- 35 **Genesee Class I Bike Facility (part of I-5/Genesee Interchange Project):** Construct a Class I bicycle facility adjacent to southbound I-5 between Voigt Drive and Roselle Street including a pedestrian overcrossing at Genesee Avenue.

Updated February 2015 • Information subject to change

