

Integrating Transportation and Environmental Enhancements



San Elijo Lagoon highway bridge

The San Elijo Lagoon highway bridge will be replaced and lengthened to help improve tidal flow in the lagoon. The wider bridge will accommodate an additional carpool lane in each direction. In addition, a new bike/pedestrian suspended bridge will link the south and north sides of the lagoon, and will connect to a Class 1 bike path on Manchester Avenue, providing access to the San Elijo Lagoon Nature Center.

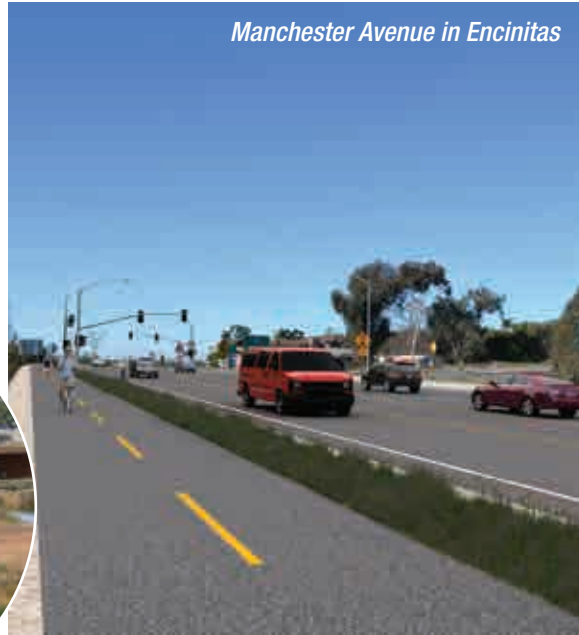
Preserving Community Character and Improving Coastal Access



Santa Fe Drive in Encinitas

NCC Phase 1 includes local bike/pedestrian path improvements in Encinitas and Carlsbad. The interchanges at Encinitas Boulevard and Santa Fe Drive will be upgraded with new bike and pedestrian paths. The MacKinnon Avenue/I-5 overpass will be replaced and realigned to provide better bike/pedestrian connectivity to the Encinitas Community Park.

To help reduce freeway noise for nearby residents, Caltrans is proposing to construct some sound walls on private property. In areas with views, transparent sound walls will be offered to residents.



Manchester Avenue in Encinitas



Batiquitos Lagoon



North Coast Corridor Program Phase 1

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 a few key projects slated for construction over the next few years. The Phase 1 set of projects are part of a \$6 billion comprehensive 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

Caltrans will extend carpool lanes in Encinitas on I-5 from Lomas Santa Fe Drive in Solana Beach to State Route 78 (SR 78) in Oceanside. Additional highway improvements include replacing and lengthening the San Elijo highway bridge to accommodate the carpool lanes and help improve lagoon tidal flow; a new, improved overpass at MacKinnon Avenue in Encinitas; some sound walls on private property; and a new Park & Ride/multi-use facility at the I-5/Manchester Avenue interchange; and auxiliary lanes. The multi-use facility will provide parking for carpools, bike lockers, electric vehicle charging stations, and recreational access to the San Elijo Lagoon and the new North Coast Bike Trail.



Rail Improvements

Improving the coastal rail line is a central component of the NCC Program. Two double track projects – San Elijo Lagoon Double Track and Batiquitos Lagoon Double Track – are part of a larger plan to improve the coastal rail system by adding a second track, allowing trains traveling in opposite directions to pass without slowing down or stopping, increasing efficiency and reliability. Other project features include the replacement and lengthening of the rail bridge spans over the San Elijo and Batiquitos lagoons. Additionally, at-grade rail crossing improvements will be made at Chesterfield Drive in Encinitas.



Environment/Coastal Access Improvements

Improving coastal access is a critical component of the NCC Program. Near-term projects will include new east-west and north-south bicycle and pedestrian trails. Incorporated into the 27-mile North Coast Bike Trail will be new bike and pedestrian paths connecting and closing gaps in the existing network of trails along the corridor.

Efforts to improve local lagoons are integral to the NCC Program, which includes a package of environmental enhancements. Additionally, more than 250 acres of habitat have been acquired for preservation and/or restoration.



Project Schedule and Funding



Construction Start Date
2016

Completion Date
2020

Funding Sources
Federal
State
SANDAG (TransNet)

Contractor
Flatiron-Skanska-Stacy and Witbeck

Total Project Cost
Approximately \$700 million
(Highway \$480 million; Rail \$140 million; Environment \$80 million)

For more information:

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See inside map for details.

NCC Phase 1 Projects

HOV/Carpool Lanes from Lomas Santa Fe Dr. to SR 78



A

Batiquitos Lagoon and San Elijo Lagoon Double Track



B

North Coast Bike Trail



C

Encinitas Blvd./Santa Fe Dr. Bike/Ped Enhancements



D

Lagoon Bridge Replacements*



E

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Sound Walls**



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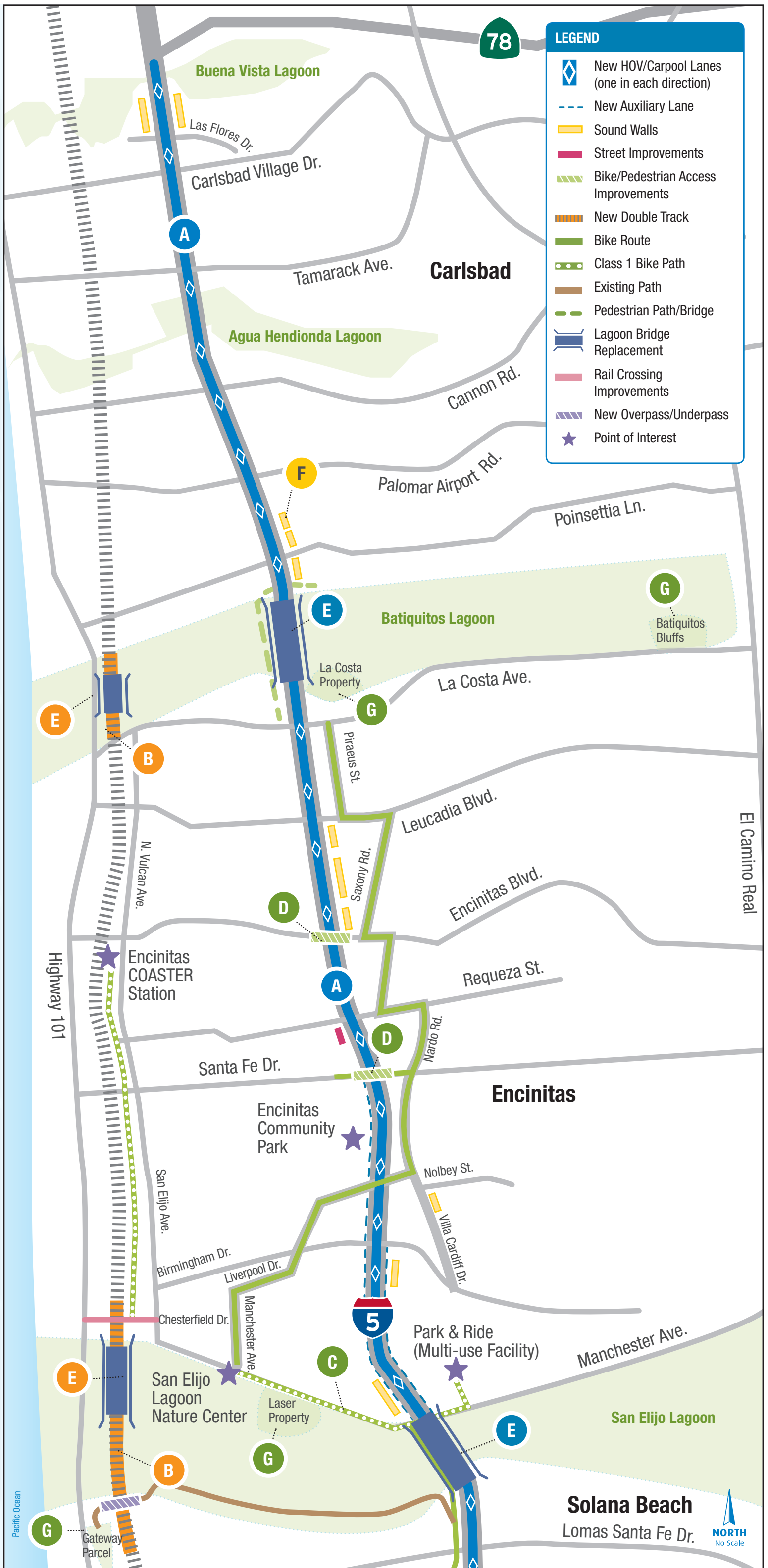
Environmental Enhancements



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* Bridge replacements will help improve tidal flow and overall lagoon health.

** Not all proposed sound walls will be transparent (glass).



LEGEND

- New HOV/Carpool Lanes (one in each direction)
- New Auxiliary Lane
- Sound Walls
- Street Improvements
- Bike/Pedestrian Access Improvements
- New Double Track
- Bike Route
- Class 1 Bike Path
- Existing Path
- Pedestrian Path/Bridge
- Lagoon Bridge Replacement
- Rail Crossing Improvements
- New Overpass/Underpass
- Point of Interest

