

**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.

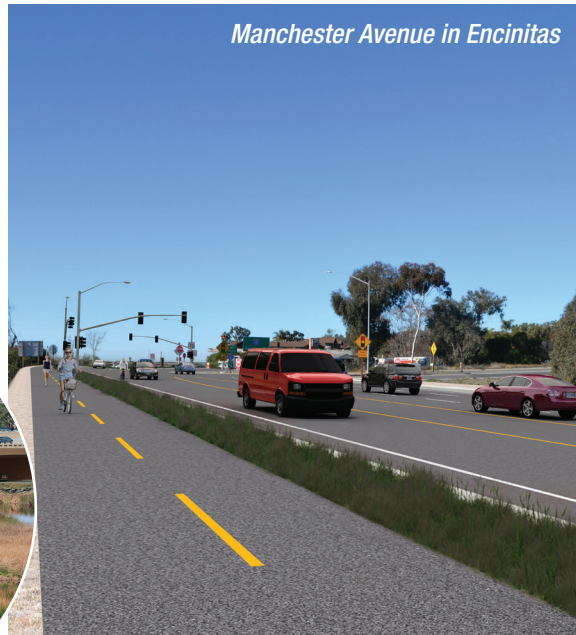
**Preserving Community Character and Improving Coastal Access**



Santa Fe Drive in Encinitas

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.

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**

Phase 1 of the North Coast Corridor Program includes transportation and environmental enhancements in the cities of Solana Beach, Encinitas, and Carlsbad. The Phase 1 project is 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; some sound walls on private property; 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**

Phase 1 includes the restoration of the 491 acre San Elijo Lagoon. The restoration project will be coordinated with the San Elijo Lagoon Conservancy and resource agencies. Restoration will enhance the lagoon's wetland and upland areas as well as improve tidal flushing. Improving coastal access is a critical component of the NCC Program. Phase 1 will include new east-west and north-south bicycle and pedestrian trails in and around the San Elijo Lagoon.



**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

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



Batiquitos Lagoon and San Elijo Lagoon Double Track



North Coast Bike Trail



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



Lagoon Bridge Replacements\*



Sound Walls\*\*



San Elijo Lagoon Restoration and Environmental Enhancements



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

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

