

# Build NCC

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TransNet



## About the Project

Build NCC is the first phase of construction of the Caltrans and SANDAG North Coast Corridor (NCC) Program in the cities of Solana Beach, Encinitas, and Carlsbad. Build NCC is part of a 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.

## Highway Improvements

Caltrans and SANDAG will extend two Carpool/High Occupancy Vehicle (HOV) Lanes on Interstate 5 (I-5) - one lane in each direction - between Lomas Santa Fe Drive in Solana Beach and State Route 78 (SR 78) in Oceanside. Additional highway improvements include replacing and lengthening the San Elijo Lagoon highway bridge to accommodate the Carpool/HOV Lanes and help improve lagoon tidal flow; building several sound walls on private property; constructing a new Multi-Use Facility at the I-5/Manchester Avenue interchange; and adding auxiliary lanes on I-5. The Multi-Use Facility will provide parking for carpools/vanpools, bike racks, electric vehicle charging stations, and recreational access to the San Elijo Lagoon and new North Coast Bike Trail.



## Rail Improvements

Improving the Los Angeles-San Diego-San Luis Obispo (LOSSAN) coastal rail line is a central component of Build NCC. The completed San Elijo Lagoon Double Track project is part of a larger effort to double track the coastal rail line, allowing trains traveling in opposite directions to pass without slowing down or stopping and increasing overall efficiency and service reliability. Other completed project features include the new, lengthened concrete rail bridge above the San Elijo Lagoon. Additionally, at-grade rail crossing improvements were made at Chesterfield Drive in Encinitas.



## Lagoon/Bike/Pedestrian

Build NCC includes the restoration of the San Elijo Lagoon. The restoration project is made possible through funding from the TransNet Environmental Mitigation Program (EMP), and in coordination with Nature Collective (formerly San Elijo Lagoon Conservancy) and lagoon resource agencies. Restoration efforts will enhance the lagoon's wetland and upland areas, improve tidal flushing, and includes beach sand replenishment.

Expanding access to coastal resources and habitats is a critical component of the NCC Program. Build NCC will include new east-west and north-south bicycle and pedestrian trails within and surrounding the San Elijo Lagoon.



See inside map for details.

## Project Schedule and Funding



**Construction Start Date**  
2017

**Completion Date**  
2023

**Funding Sources**  
Federal  
State  
SANDAG (TransNet)

**Contractor**  
Flatiron-Skanska-Stacy and Witbeck (FSSW)

**Total Project Cost**  
Approximately \$887 million

### Highway

- Lomas Santa Fe Dr. - Palomar Airport Rd. Carpool/HOV Lanes - \$300M
  - 9 miles
- Palomar Airport Rd. - SR 78 Carpool/HOV Lanes - \$110M
  - 4 miles
- San Elijo Lagoon Highway Bridge & Community Enhancements (includes bike) - \$255M

### Rail

- San Elijo Lagoon Double Track & Chesterfield Dr. Crossing Improvements - \$70M

### Environmental

- San Elijo Lagoon Restoration - \$117M
- Coastal Rail Trail - \$7M

### For more information:

[KeepSanDiegoMoving.com/BuildNCC](http://KeepSanDiegoMoving.com/BuildNCC)

**Construction Hotline:** (844) NCC-0050

**Text Alerts:** Text "Build NCC" to (760) 454-0070

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## Integrating Transportation and Environmental Enhancements



*San Elijo Lagoon Highway Bridge*



The San Elijo Lagoon highway bridge will be replaced to accommodate new Carpool/HOV Lanes along I-5. The new bridge will be lengthened to improve tidal flows, circulation, and the overall health of the lagoon. In addition, a suspended bike and pedestrian bridge will be built underneath the highway bridge to further increase north-south and east-west connectivity, and create more travel choices. The North Coast Bike Trail will be constructed to expand the regional bike and pedestrian network.

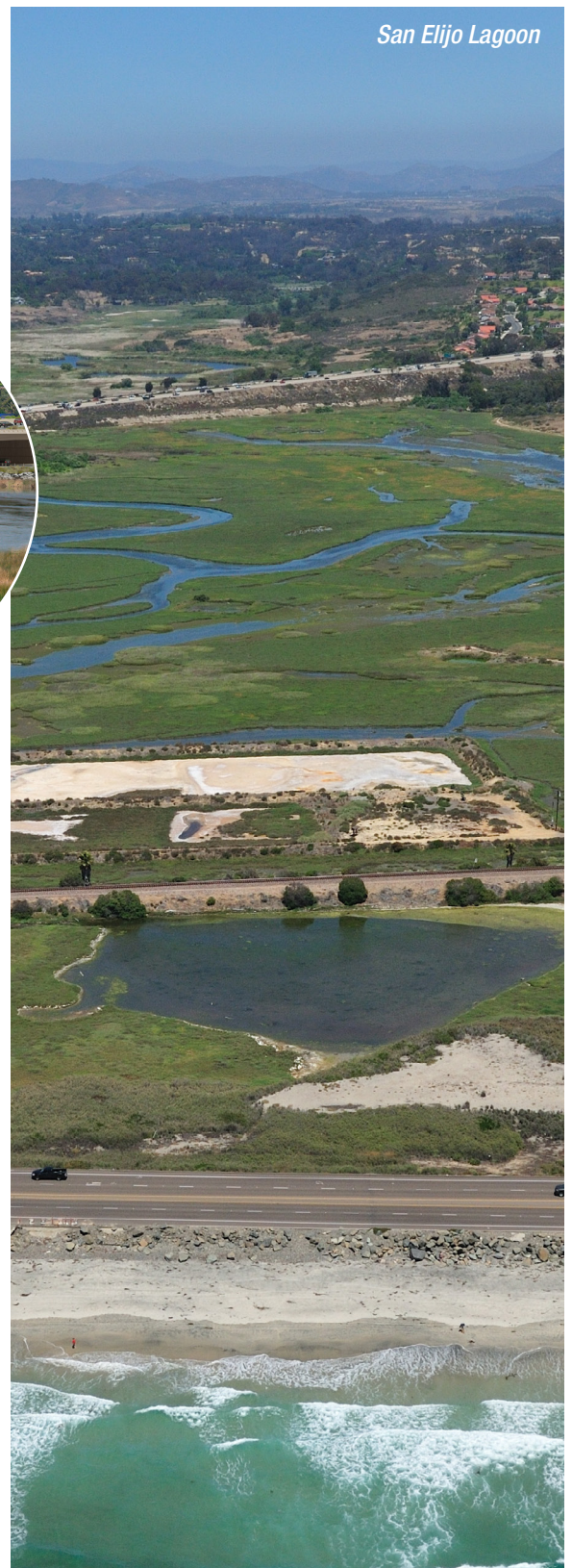
## Preserving Community Character and Improving Coastal Access



*Santa Fe Drive in Encinitas*

Separated bike and pedestrian paths were constructed at the I-5 interchanges at Santa Fe Drive and Encinitas Boulevard in Encinitas. These enhancements help improve east-west connectivity and safety for people walking and biking to nearby schools, activity centers, and coastal resources. Community artwork was incorporated in coordination with the city.

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



*San Elijo Lagoon*

February 2022



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



## San Elijo Lagoon Double Track



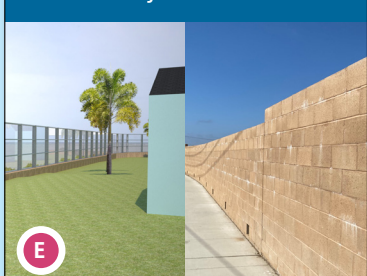
Encinitas Blvd./Santa Fe Dr.  
Bike/Pedestrian Enhancements



## San Elijo Lagoon Bridge Replacements\*



## Sound/Privacy Walls\*\*



## San Elijo Lagoon Restoration and Environmental Enhancements



## Coastal Rail Trail Bikepath



## Chestnut Avenue Community Enhancements



\* Bridge replacements will help improve tidal flow and overall lagoon health.  
Simulation depicts Highway Lagoon Bridge Replacement

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

