

# Highway Improvements



## Overview

As part of the integrated approach of the Caltrans and SANDAG Build North Coast Corridor (NCC) construction program, several improvements to the Interstate 5 (I-5) corridor will be implemented between 2017 and 2023. The improvements include the extension of I-5 Carpool/High Occupancy Vehicle (HOV) Lanes, replacing and lengthening the San Elijo Lagoon highway bridge, constructing several new sound walls, building a new Multi-Use Facility at the I-5/Manchester Avenue interchange, and adding several auxiliary lanes along I-5.

### I-5 Carpool/HOV Lanes and Sound Walls



Caltrans will construct two new Carpool/HOV Lanes on I-5, one lane in each direction, between Lomas Santa Fe Drive in Solana Beach and State Route 78 (SR 78). Also included in the Carpool/HOV Lanes project is the construction of sound walls on private property in the cities of Encinitas and Carlsbad.

### San Elijo Lagoon Highway Bridge Replacement



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, Caltrans will divert highway runoff into natural treatment features such as bioswales and detention basins to prevent runoff from entering the lagoon.

### Multi-Use Facility



A Multi-Use Facility will be constructed at the I-5/Manchester Avenue interchange and serve as the primary San Elijo Lagoon public access point. The versatile facility will provide parking for carpools/vanpools and include bike racks, electric vehicle charging stations, and recreational access to the San Elijo Lagoon trail network and new North Coast Bike Trail.

## 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**  
Highway Improvements -  
\$887 Million

### For more information:

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

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

**Mohamad Khatib**, Project Manager  
Caltrans District 11  
(619) 688-6654  
[mohamad.khatib@dot.ca.gov](mailto:mohamad.khatib@dot.ca.gov)

SANDAG | SDCaltrans

SANDAGregion | DTICaltrans

SANDAGregion | SDCaltrans

SANDAGregion | CaltransDistrict11



## About Build NCC

The Caltrans and SANDAG Build NCC project is the first phase of construction of the NCC Program in the cities of Solana Beach, Encinitas, and Carlsbad. Build NCC is part of a 40-year vision to improve the quality of life for residents, create a stronger local and regional economy, and enhance the coastal environment.

## Construction Schedule

### 2017 - 2022

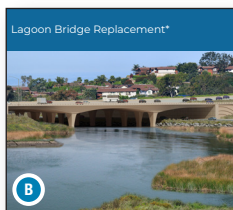
- San Elijo Lagoon Highway Bridge
- I-5 Carpool/HOV Lanes - Lomas Santa Fe Drive to Birmingham Drive
- I-5 Carpool/HOV Lanes - Birmingham Drive to Palomar Airport Road

### 2021 - 2023

- Manchester Avenue Park & Ride/Multi-Use Facility
- I-5 Carpool/HOV Lanes - Palomar Airport Road to SR 78
- Sound Walls in Cities of Encinitas and Carlsbad

## Construction Details

- 55 MPH reduced speed limit
- Intermittent traffic delays
- Narrowed lanes on I-5
- Construction noise, lights, and dust
- Heavy equipment near project area
- Night work



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

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



June 2022