



Phase 1 Improvements 2015-2018

1 Lomas Santa Fe to Birmingham Drive:
Construct one HOV lane in each direction from Lomas Santa Fe to Birmingham Drive. This will result in the ultimate build-out of the project within this segment. Highway improvements also include natural landscape features such as bioswale to treat highway runoff. Additional project features are included below.

- 1a Replace and lengthen the San Elijo Lagoon Bridge. Lengthening highway bridges over lagoons increase tidal flow and helps improve overall water quality.
- 1b Build a Direct Access Ramp (DAR) and San Elijo Multi-Use Facility at Manchester Avenue to provide easy access to the I-5 HOV/Express Lane facility and the Multi-Use Facility. The San Elijo Multi-Use Facility will include charging stations for electric cars, trailheads connecting to bike/pedestrian paths and parking spaces for vehicles.
- 1c Provide better north-south connectivity for bicyclists by constructing a section of the planned 27-mile North Coast Bike Trail from Lomas Santa Fe Drive to Birmingham Drive.
- 1d Construct soundwalls to help reduce freeway noise for residents.

2 Birmingham Drive to La Costa Avenue:
Construct one HOV lane in each direction from Birmingham Drive to La Costa Avenue. Highway improvements also include natural landscape features such as bioswale to treat highway runoff. Additional project features are included below.

- 2a Replace MacKinnon Avenue Overcrossing to improve bike and pedestrian access.
- 2b Improve the highway undercrossing at Santa Fe Drive to include sidewalks and bike lanes, providing better east-west connectivity.
- 2c Improve the highway undercrossing at Encinitas Boulevard to include sidewalks and bike lanes, providing better east-west connectivity. This will improve east-west connectivity for bicyclists and pedestrians and provide a vital link connecting the Encinitas-San Marcos Regional Bicycle Corridor.
- 2d Provide better north-south connectivity for bicyclists by constructing a section of the planned 27-mile North Coast Bike Trail from Birmingham Drive to La Costa Avenue.
- 2e Construct soundwalls to help reduce freeway noise for residents.

3 La Costa Avenue to Palomar Airport Road:
Construct one HOV lane in each direction, ultimate build-out of the project through Batiquitos Lagoon. Highway improvements also include natural landscape features such as bioswale to treat highway runoff. Additional project features are included below.

- 3a Replace and lengthen the Batiquitos Lagoon Bridge. Lengthening highway bridges over lagoons increase tidal flow and helps improve overall water quality.
- 3b Provide better north-south connectivity for bicyclists by constructing a section of the planned 27-mile North Coast Bike Trail from La Costa Avenue to Palomar Airport Road.
- 3c Construct soundwalls to help reduce freeway noise for residents.

4 Palomar Airport Road to State Route 78 (SR-78)
Construct one HOV lane in each direction from Palomar Airport Road to SR-78. Highway improvements also include natural landscape features such as bioswale to treat highway runoff. Additional project features are included below.

- 4a Construct soundwalls to help reduce freeway noise for residents.

5 Intelligent Transportation System (ITS) Elements (Lomas Santa Fe to SR-78)
ITS elements include the installation of fiber optic cables for the future Express Lanes system, changeable message signs and traffic detectors.

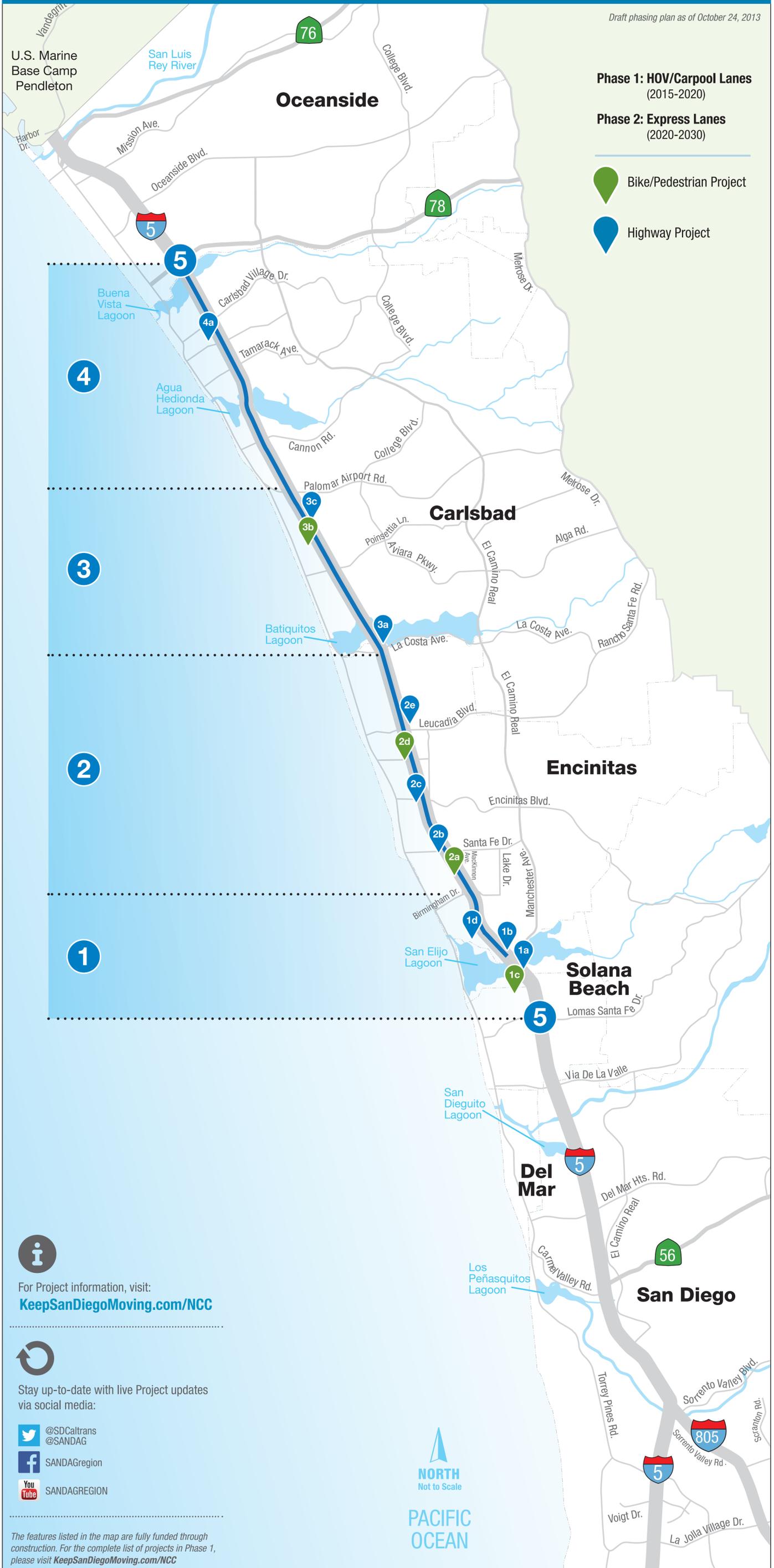


A Project of The
North Coast Corridor



NCC Program: Highway & Bike/Pedestrian Features

Draft phasing plan as of October 24, 2013



Phase 1: HOV/Carpool Lanes (2015-2020)

Phase 2: Express Lanes (2020-2030)

Bike/Pedestrian Project

Highway Project



For Project information, visit:
KeepSanDiegoMoving.com/NCC



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The features listed in the map are fully funded through construction. For the complete list of projects in Phase 1, please visit KeepSanDiegoMoving.com/NCC