

Build NCC

NORTH COAST CORRIDOR BICYCLE & PEDESTRIAN PROJECTS

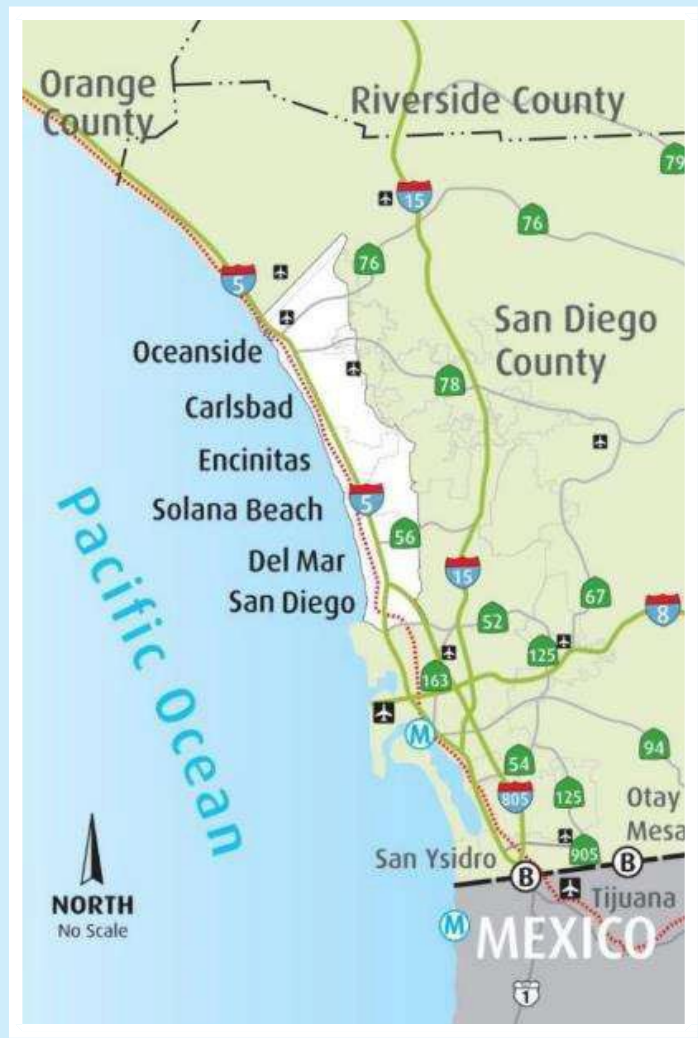
Bike Walk Encinitas

Encinitas Bike and Pedestrian Committee

October 7, 2019



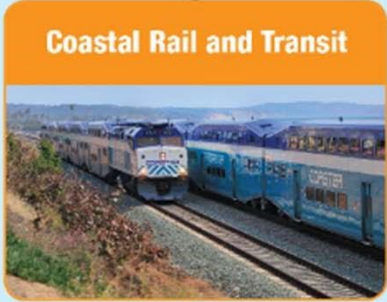
NORTH COAST CORRIDOR



MASTER IMPLEMENTATION BLUEPRINT



North Coast Corridor Program
Highway, rail, transit, environmental protection and coastal access improvements



27-Mile Express Lane System



Complete LOSSAN Double Track (initially 50%)



30 Miles of Bike/Ped paths

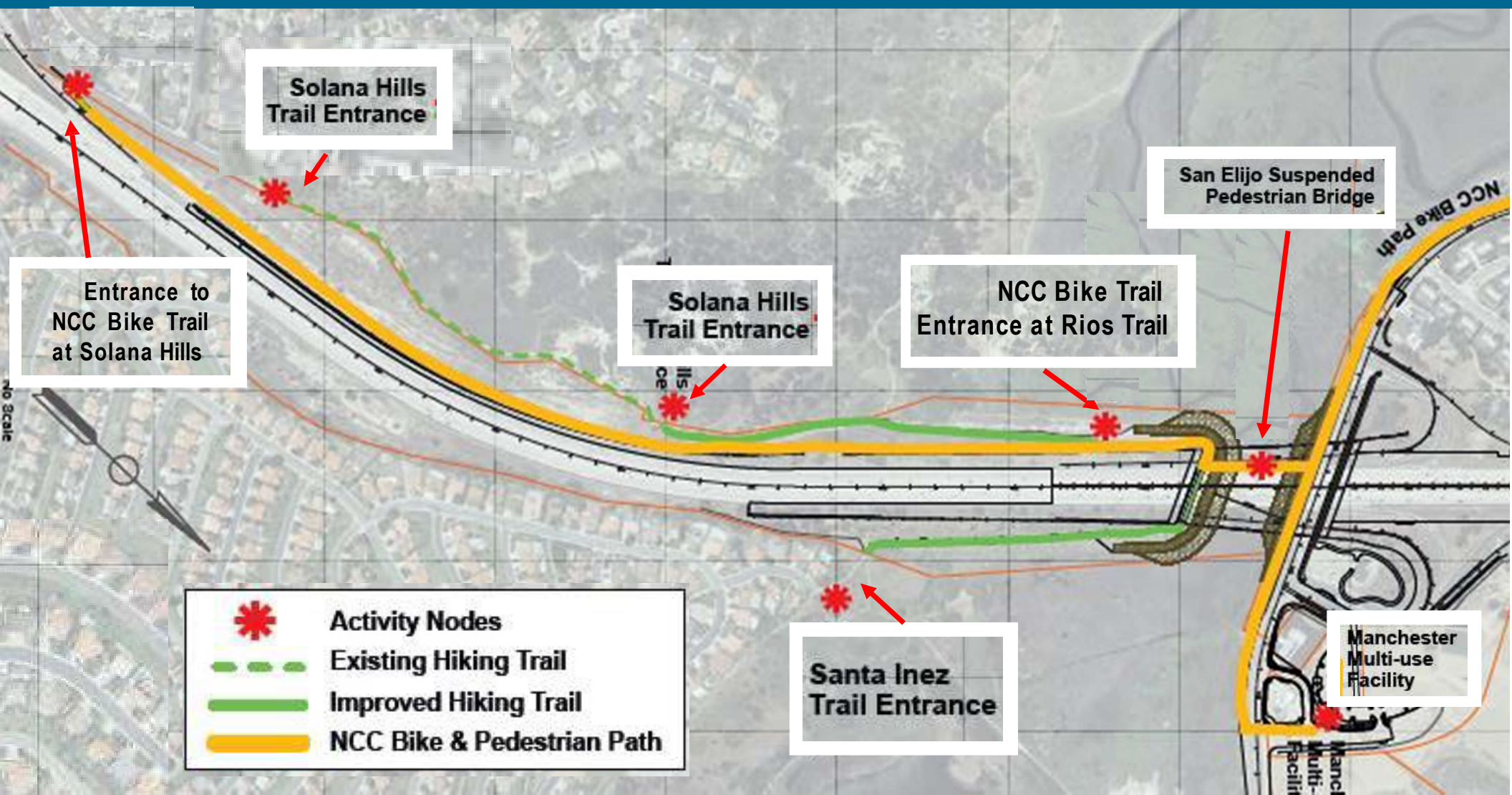


1200+ Acres of Restored/Preserved Habitat

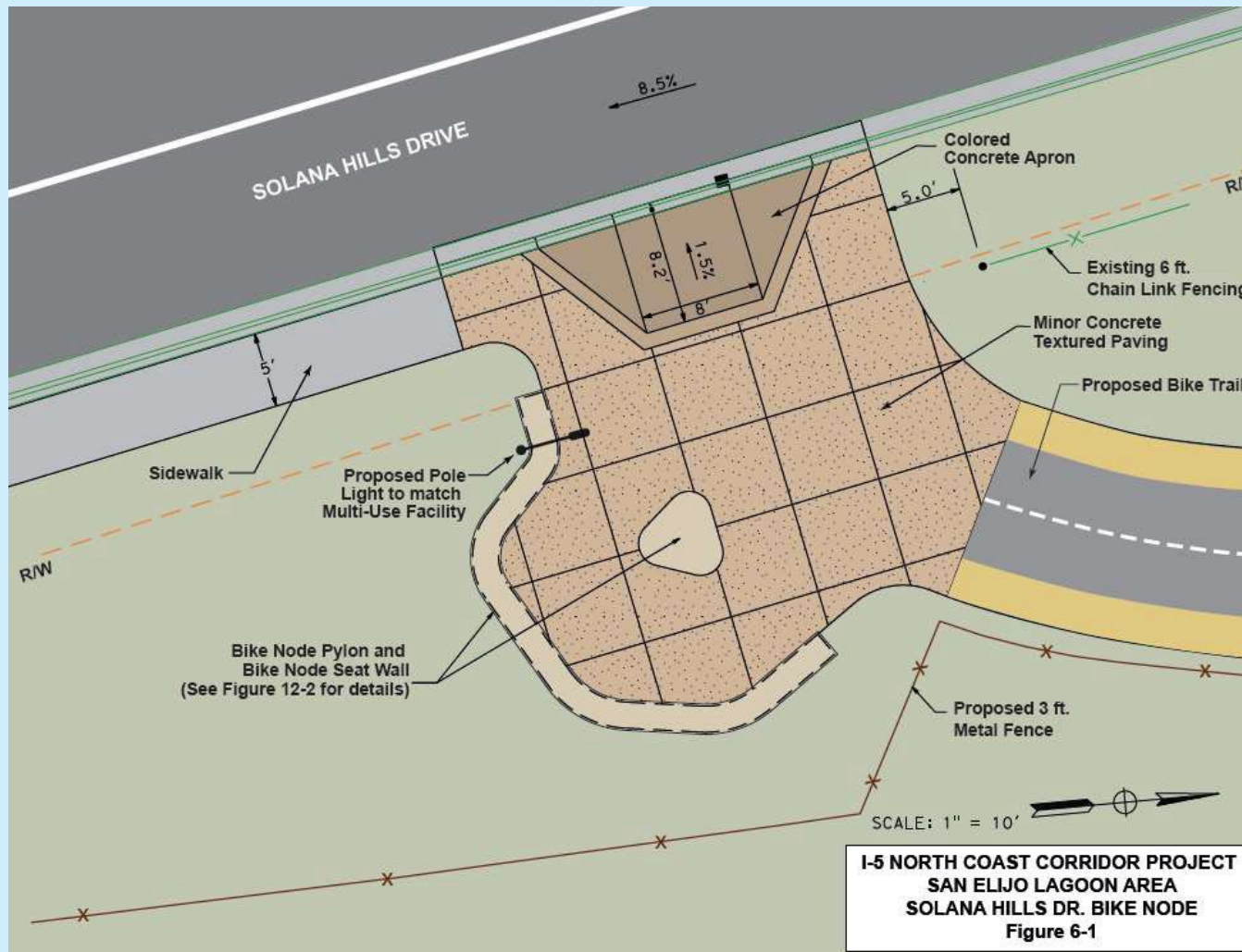
PHASE ONE

Under
Construction
2017 - 2023

NORTH COAST BIKE TRAIL – COMPLETED SUMMER 2022



NORTH COAST BIKE TRAIL (BIKE NODE AT SOLANA HILLS DRIVE) - COMPLETED SUMMER 2022



SAN ELIJO LAGOON HIGHWAY BRIDGE – COMPLETED JUNE 2022



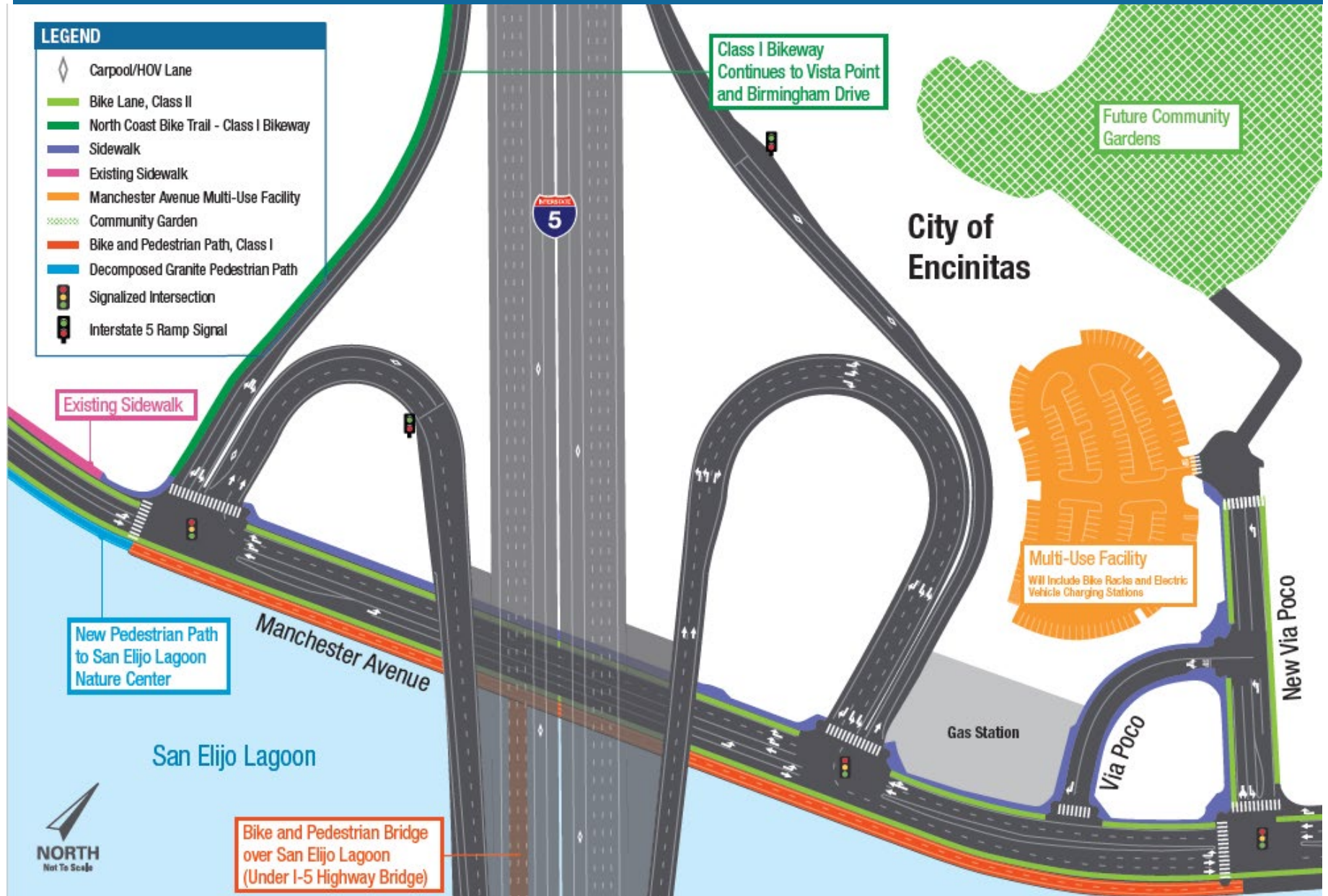
Visual simulation of the final San Elijo Lagoon Highway Bridge with suspended bike/pedestrian bridge

SAN ELIJO LAGOON HIGHWAY BRIDGE – COMPLETED JUNE 2022



Visual simulation of south side of the future San Elijo Lagoon Highway Bridge

Improved Interstate 5 and Manchester Avenue Interchange



NORTH COAST BIKE TRAIL – COMPLETED JUNE 2022



Class I Bikeway along Manchester Avenue, east of the southbound I-5 on/off-ramps (City of Encinitas)

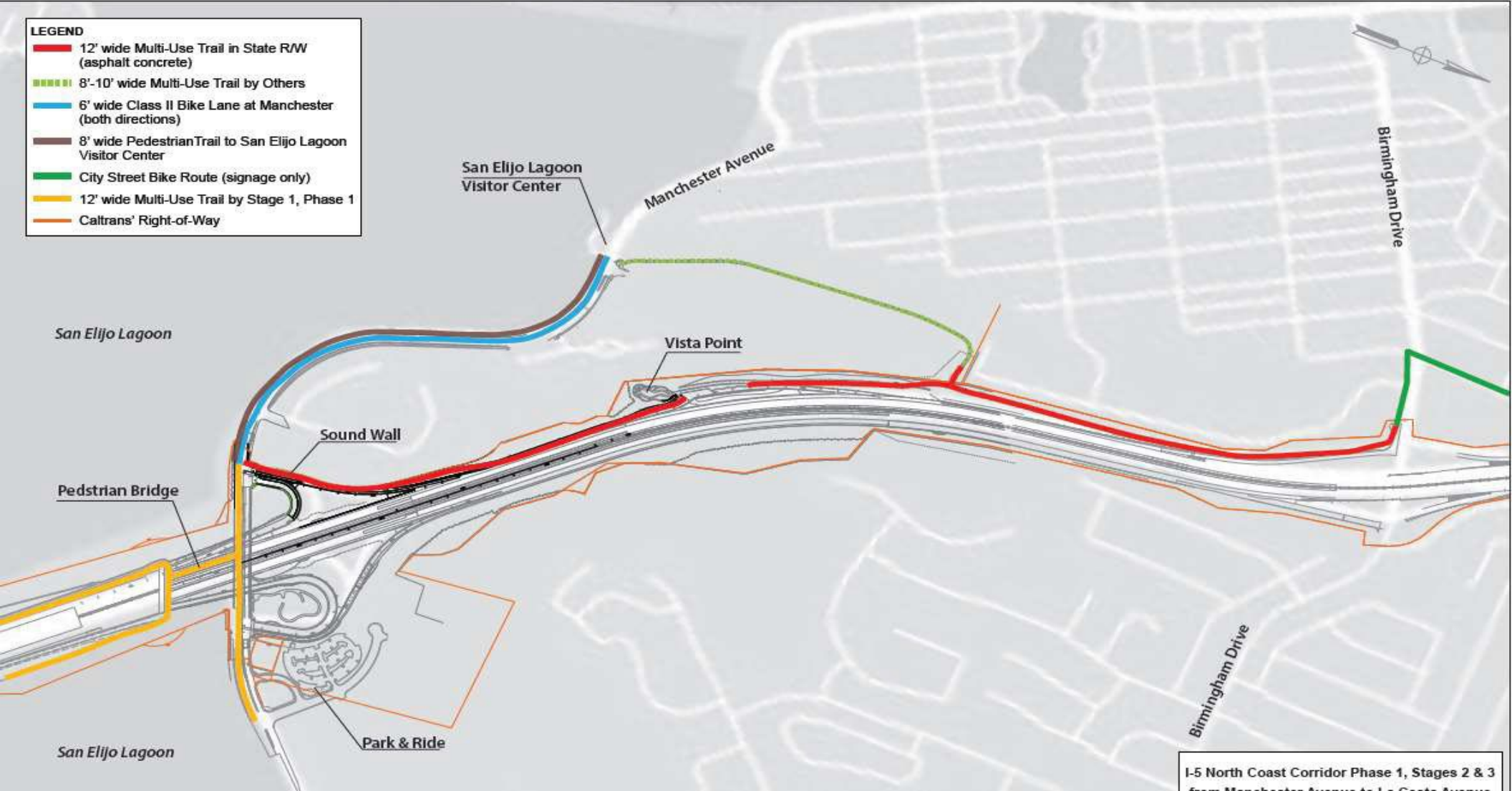
NORTH COAST BIKE TRAIL – COMPLETED JUNE 2022



Class II Bikeway along Manchester Avenue, west of the southbound I-5 on/off-ramps (City of Encinitas)

NORTH COAST BIKE TRAIL – COMPLETED JUNE 2022

- LEGEND**
- 12' wide Multi-Use Trail in State R/W (asphalt concrete)
 - 8'-10' wide Multi-Use Trail by Others
 - 6' wide Class II Bike Lane at Manchester (both directions)
 - 8' wide Pedestrian Trail to San Elijo Lagoon Visitor Center
 - City Street Bike Route (signage only)
 - 12' wide Multi-Use Trail by Stage 1, Phase 1
 - Caltrans' Right-of-Way



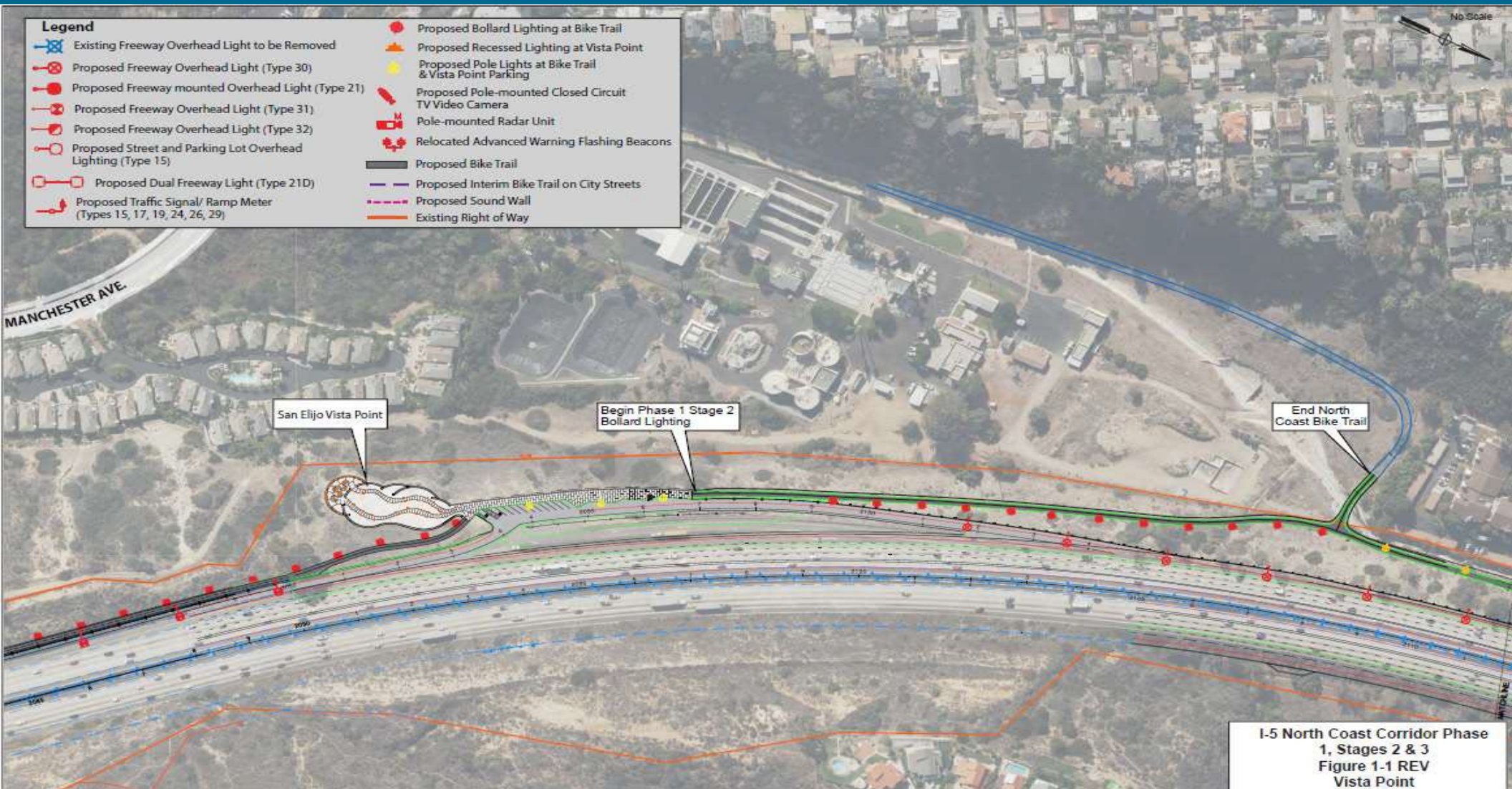
I-5 North Coast Corridor Phase 1, Stages 2 & 3
from Manchester Avenue to the State Avenue

NORTH COAST BIKE TRAIL – COMPLETED JUNE 2022



Protected Class I Bikeway along the southbound Manchester Avenue off-ramp

NORTH COAST BIKE TRAIL – COMPLETE SUMMER 2022



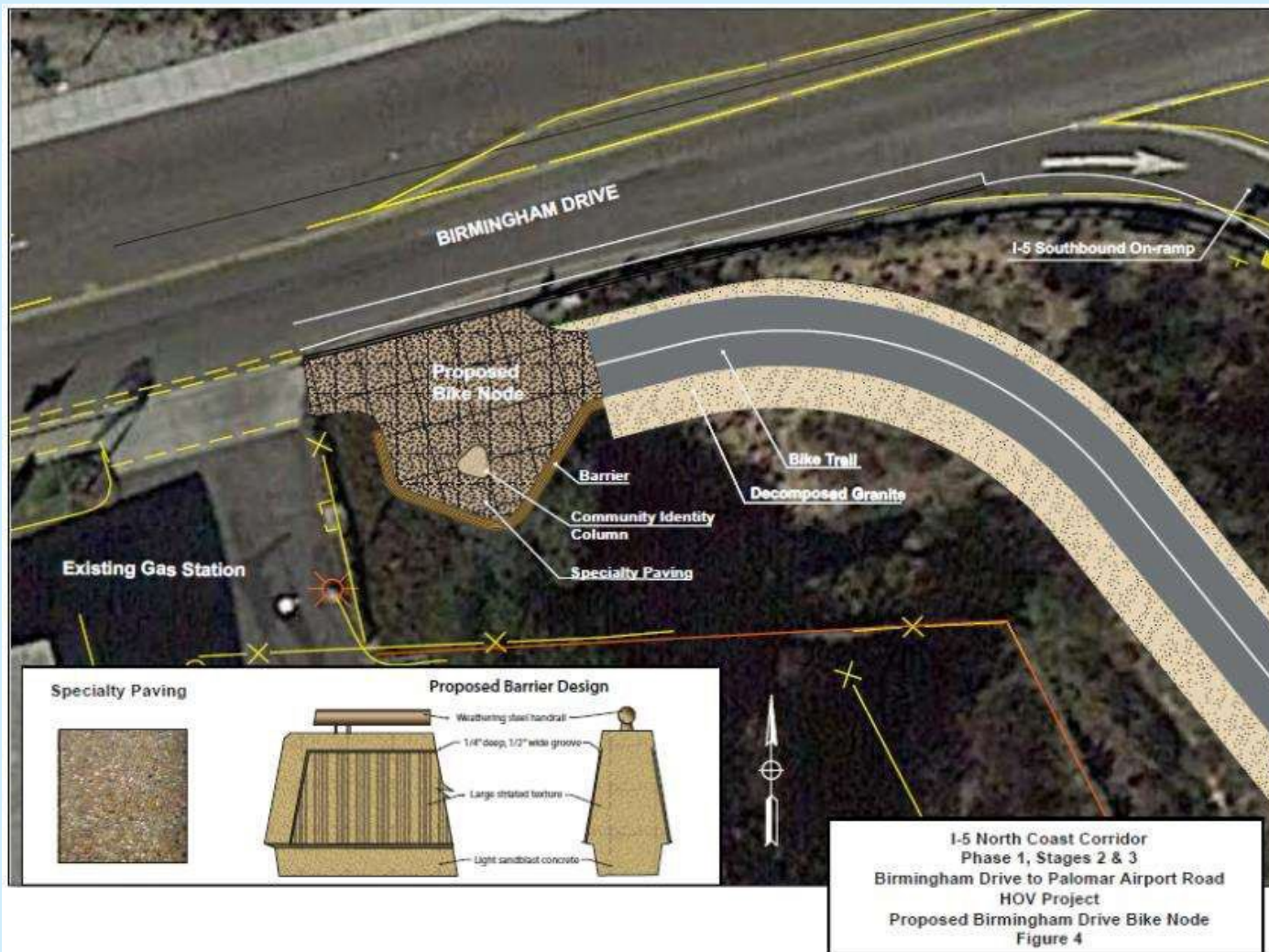
NORTH COAST BIKE TRAIL – COMPLETE SUMMER 2022

Legend

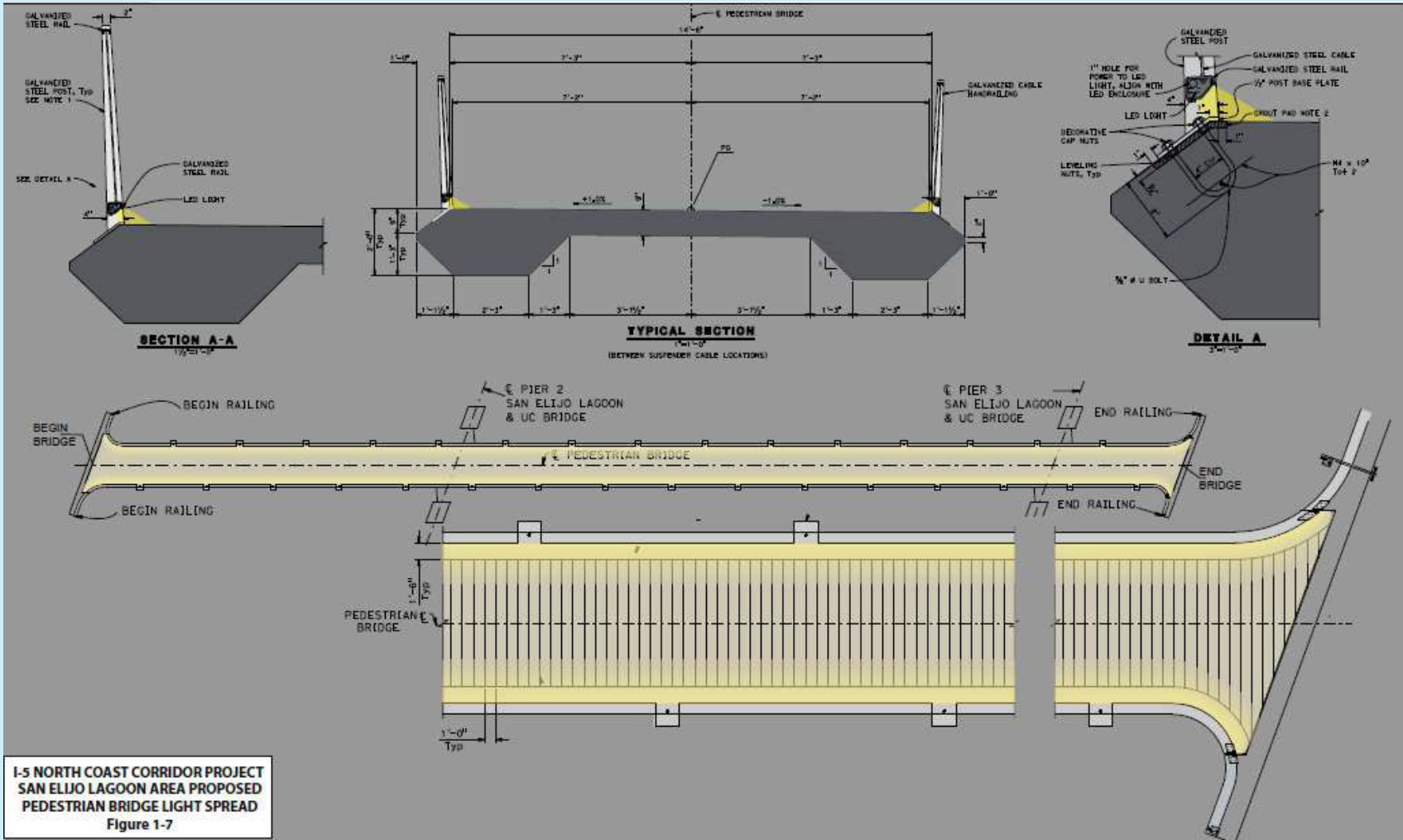
- Existing Freeway Overhead Light to be Removed
- Proposed Freeway Overhead Light (Type 30)
- Proposed Freeway mounted Overhead Light (Type 21)
- Proposed Freeway Overhead Light (Type 31)
- Proposed Freeway Overhead Light (Type 32)
- Proposed Street and Parking Lot Overhead Lighting (Type 15)
- Proposed Dual Freeway Light (Type 21D)
- Key View of Photosimulation
- Proposed Bike Trail Lights
- Proposed Traffic Signal/ Ramp Meter (Types 15, 17, 19, 24, 26, 29)
- Proposed Pole-mounted Closed Circuit TV Video Camera
- Pole-mounted Radar Unit
- Relocated Advanced Warning Flashing Beacons
- Proposed Bike Trail
- Proposed Interim Bike Trail on City Streets
- Proposed Sound Wall
- Existing Right of Way



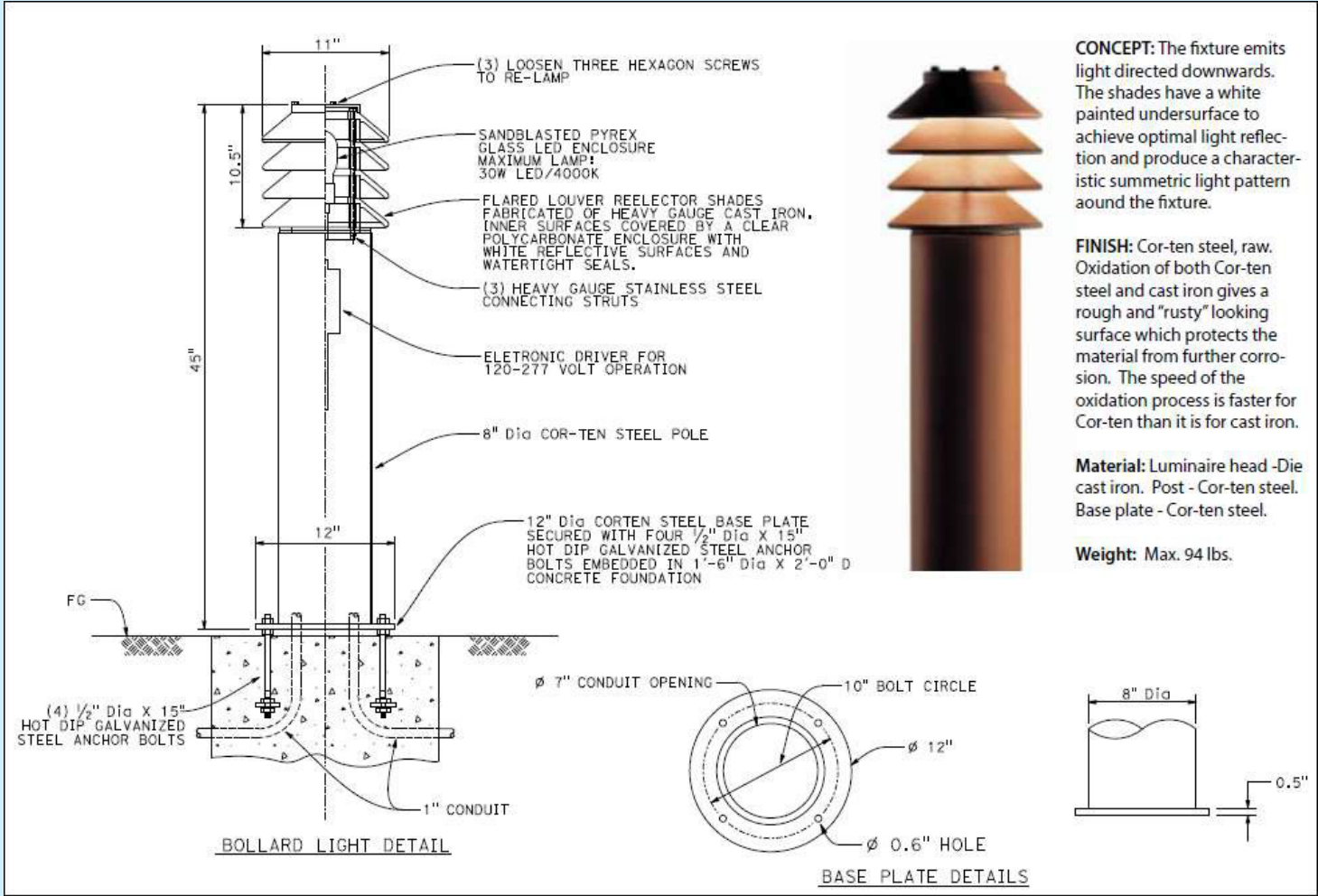
NORTH COAST BIKE TRAIL (BIKE NODE AT BIRMINGHAM) – COMPLETE SUMMER 2022



NORTH COAST BIKE TRAIL (LIGHTING ON BRIDGE) - COMPLETED JUNE 2022



NORTH COAST BIKE TRAIL (LIGHTING) – COMPLETE JUNE 2022



CONCEPT: The fixture emits light directed downwards. The shades have a white painted undersurface to achieve optimal light reflection and produce a characteristic summtric light pattern around the fixture.

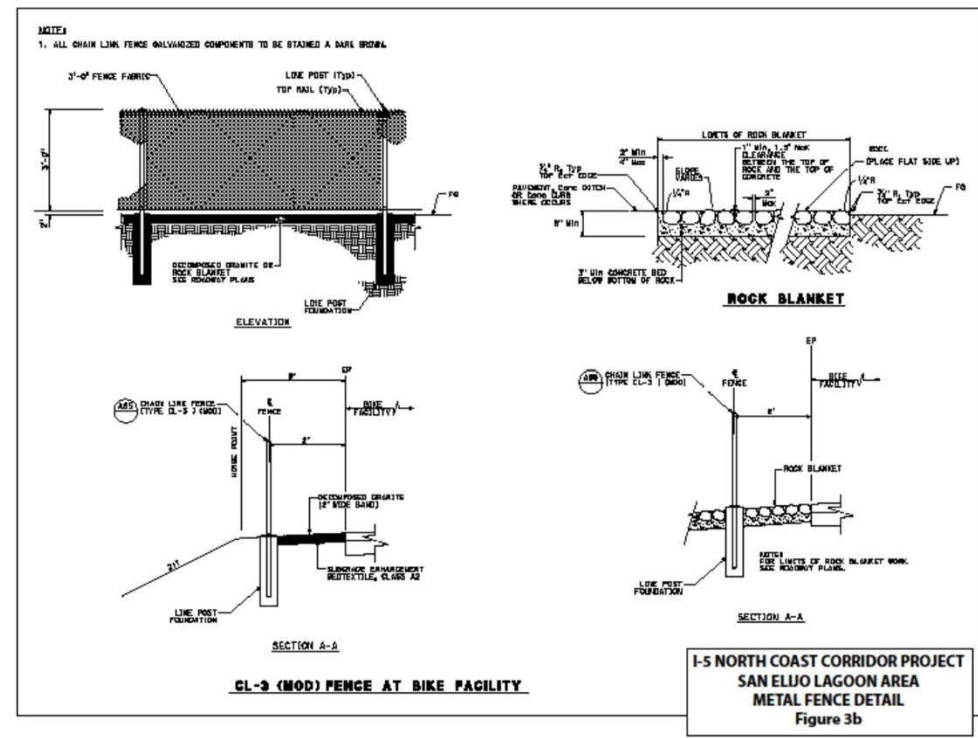
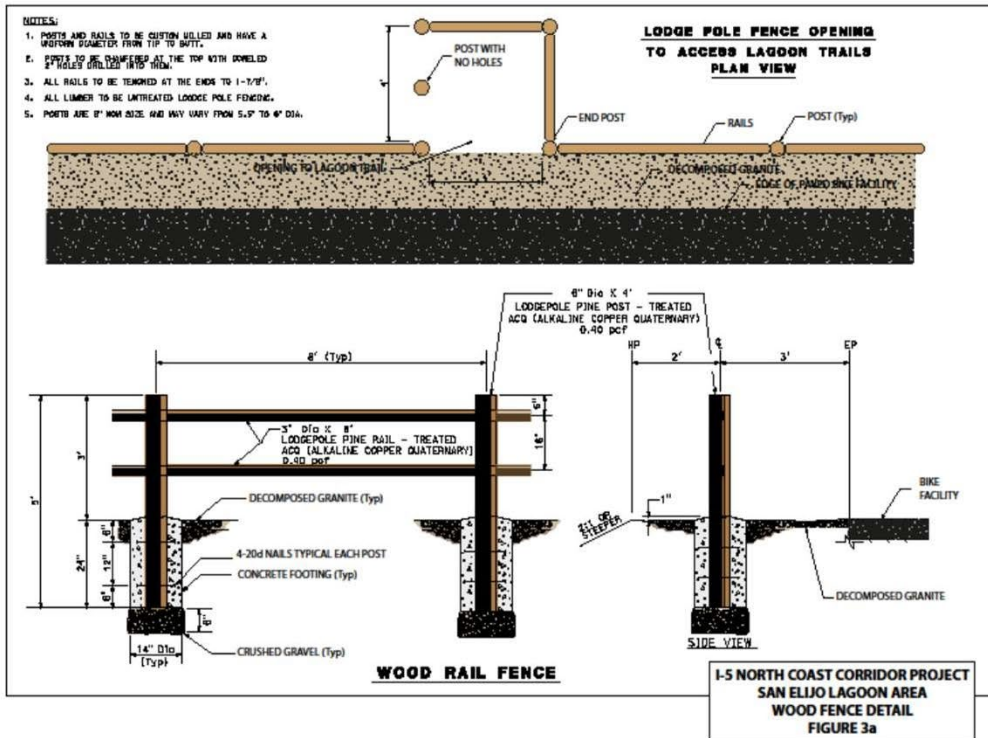
FINISH: Cor-ten steel, raw. Oxidation of both Cor-ten steel and cast iron gives a rough and "rusty" looking surface which protects the material from further corrosion. The speed of the oxidation process is faster for Cor-ten than it is for cast iron.

Material: Luminaire head -Die cast iron. Post - Cor-ten steel. Base plate - Cor-ten steel.

Weight: Max. 94 lbs.

Figure 1c
Bike Path Bollard Lighting

NORTH COAST BIKE TRAIL (FENCING) – COMPLETE SUMMER 2022

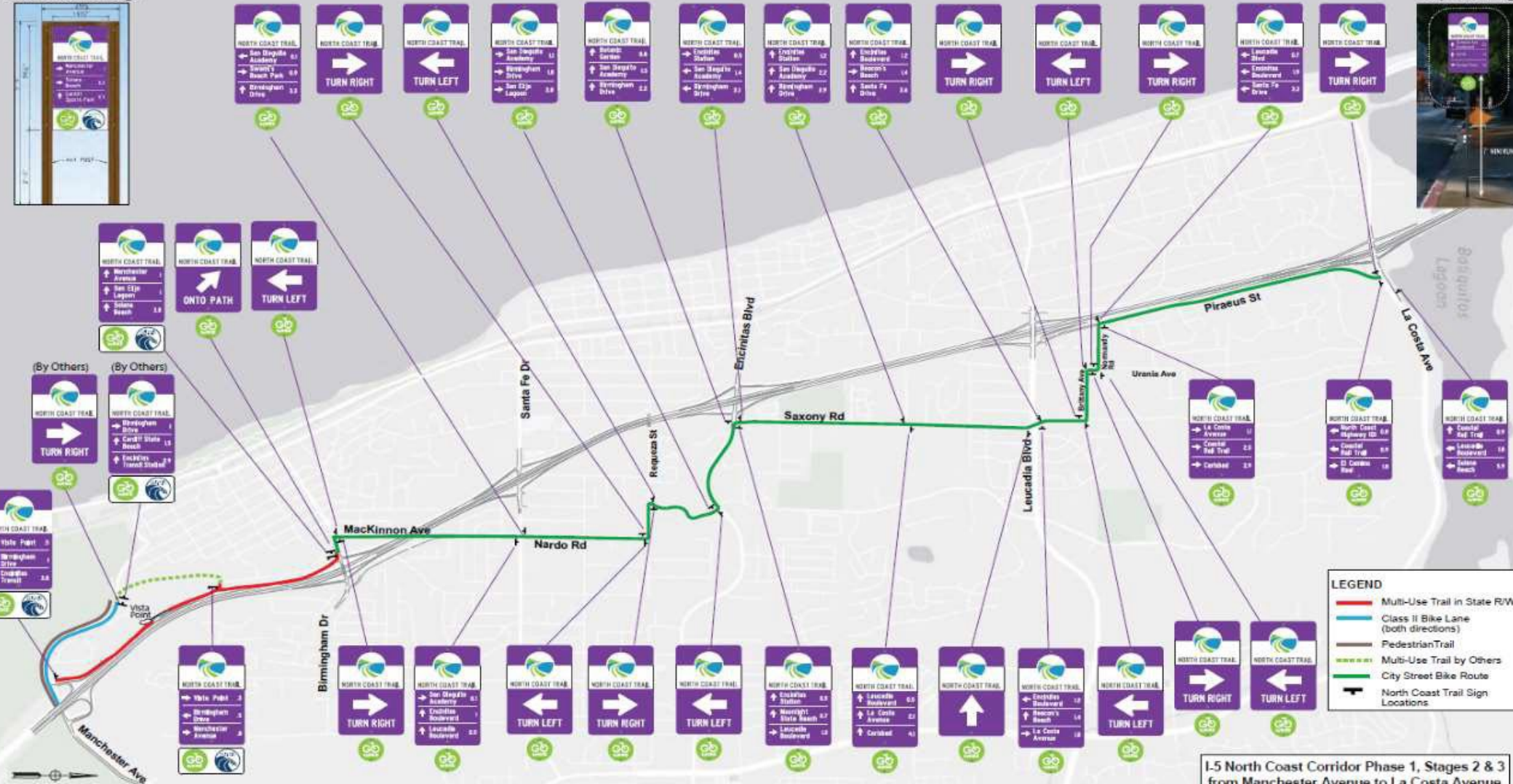


NORTH COAST BIKE TRAIL – COMPLETE SUMMER 2022

North Coast Trail Sign



City Street Sign



I-5 North Coast Corridor Phase 1, Stages 2 & 3 from Manchester Avenue to La Costa Avenue



BIKE AND PEDESTRIAN COMMUNITY ENHANCEMENTS – COMPLETE SUMMER 2022



Undercrossing improvements at Encinitas Blvd.

Simulation showing community art

Connecting Mission Bay to Carmel Valley

Filling Gaps in Our Regional Bike Network



- Legend**
- Coastal Rail Trail Bikeway
 - North Coast Corridor Bikeway

- The 1.5 mile I-5/Genesee section of the bikeway is critical to linking the full stretch of bikeways between Mission Bay and SR 56.
- Opening Today
 - Existing Bikeway
 - Future Bikeway (2020)
 - Future Bike Trail Under I-5 (2021)
 - Existing Train Station
 - Future Trolley Stop (2021)



GENESEE AVENUE BIKE IMPROVEMENTS – COMPLETED

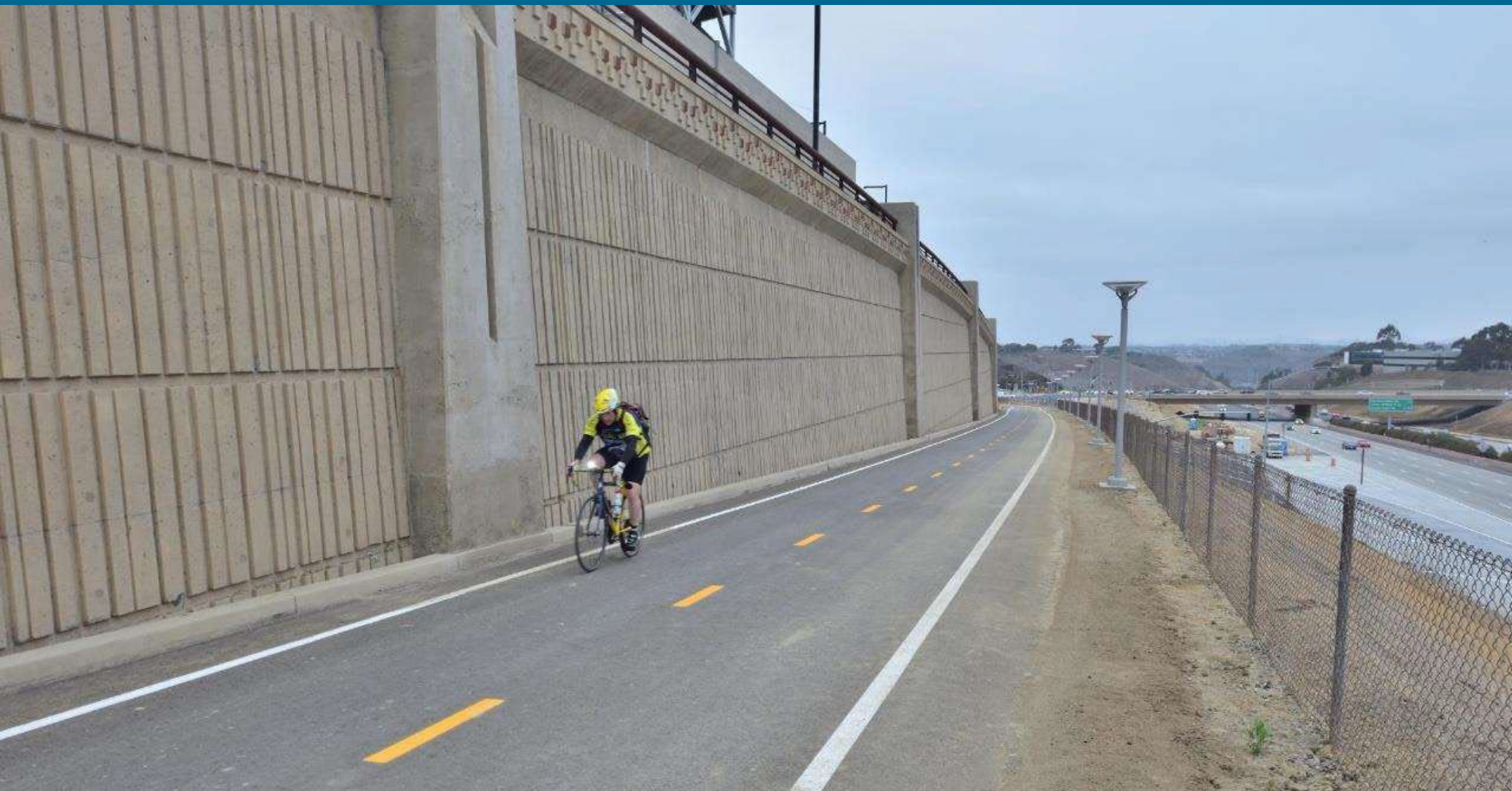


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Brought to you by



GENESEE AVENUE BIKE IMPROVEMENTS - COMPLETED



COASTAL RAIL TRAIL ENCINITAS - COMPLETED



I-5/SR-56 BIKE IMPROVEMENTS



CARMEL VALLEY BICYCLE/PEDESTRIAN CONNECTION

I-5/SR-56 BIKE IMPROVEMENTS

NOTES:

- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAMS.
- FOR EXACT LOCATIONS AND TYPES OF CONCRETE BARRIER, CURB, DITCHES, FENCE, ROCK SLOPE PROTECTION, WALLS, DIKE, HSC, AND GUARD RAILING, SEE LAYOUT SHEETS AND SUMMARY OF QUANTITIES SHEETS.
- FOR RETAINING WALL DETAILS, SEE RETAINING WALL AND STRUCTURE PLANS.
- ALL HOT MIXED ASPHALT SURFACES MUST BE FOG SEALED EXCEPT TRAVELED WAYS AND DETOURS.
- SEE LAYOUT SHEETS FOR AREAS TO COLD PLANE.

LEGEND:

PAVEMENT CLIMATE REGION:

SOUTH COAST

DESIGN DESIGNATION:

ADT (2006) = N/A D = N/A
 ADT (2030) = N/A T = N/A
 DHV = N/A V = N/A
 ESAL = N/A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	5	R32.6/R32.9		

REGISTERED CIVIL ENGINEER DATE

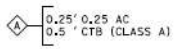
0-0-00

PLANS APPROVAL DATE

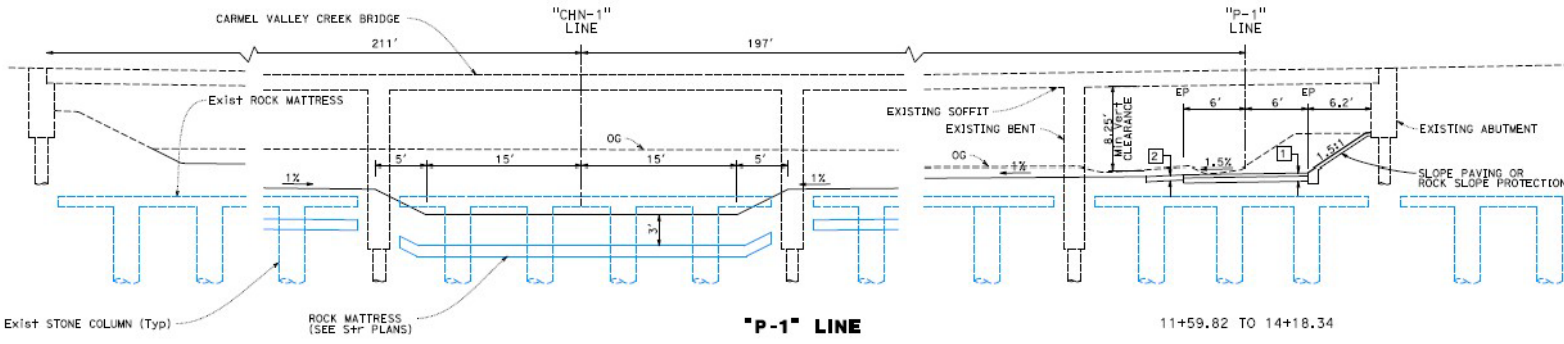
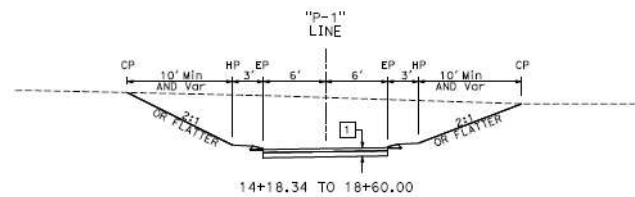
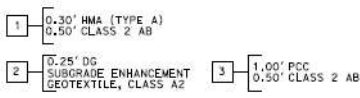
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The City of **SAN DIEGO** **Build NCC**

EXISTING STRUCTURAL SECTIONS



TYPICAL PAVEMENT STRUCTURAL SECTIONS

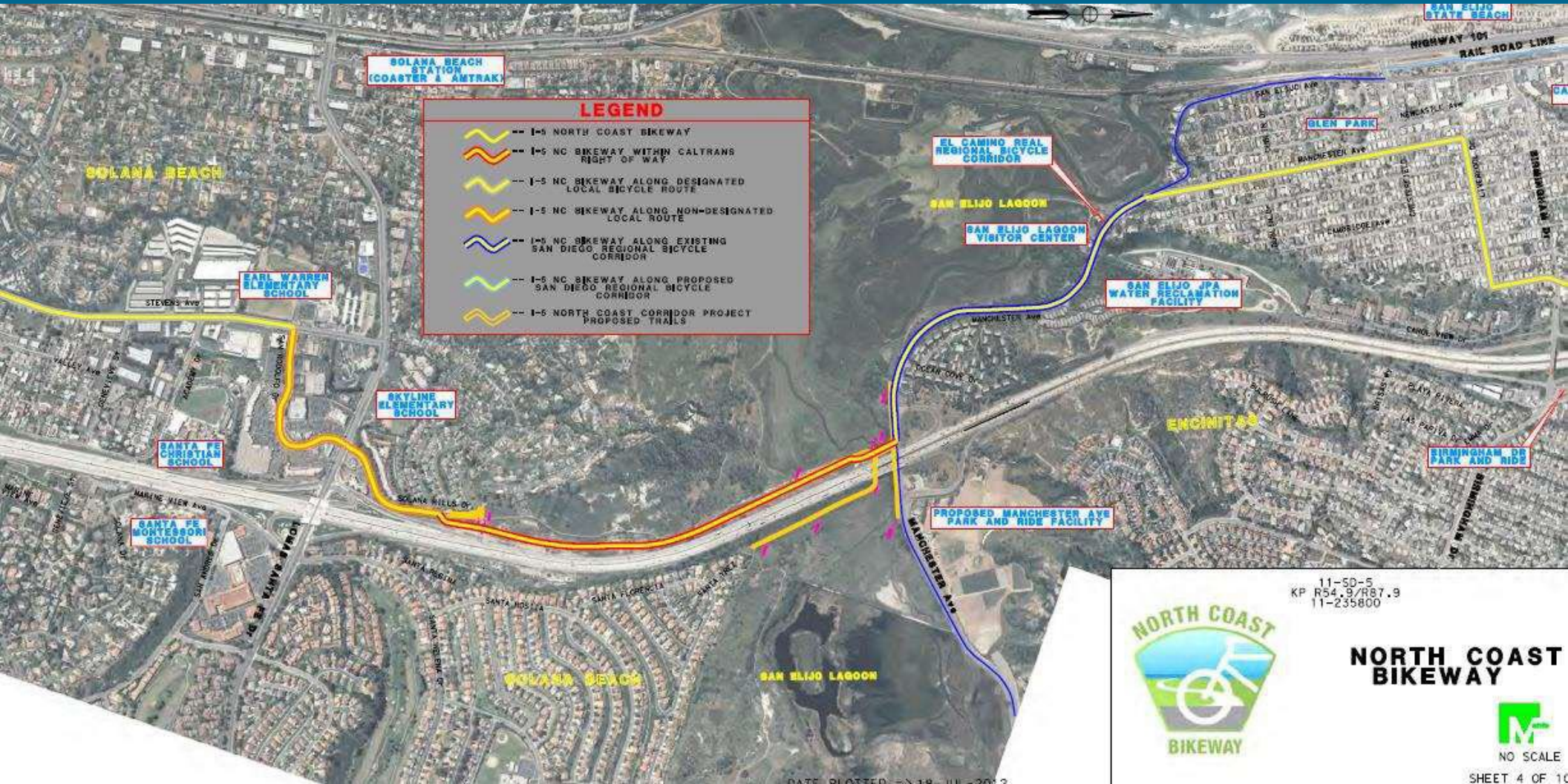


TYPICAL CROSS SECTIONS

NO SCALE

PHASE TWO

NORTH COAST BIKE TRAIL – SOLANA BEACH/ENCINITAS ALIGNMENT



11-SD-5
KP R54.9/R87.9
11-235800

NORTH COAST BIKEWAY



NO SCALE
SHEET 4 OF 10



NORTH COAST BIKE TRAIL – ENCINITAS ALIGNMENT



NORTH COAST BIKE TRAIL – ENCINITAS/CARLSBAD ALIGNMENT



11-SD-5
KP R54.9/R87.9
11-235800

I-5 NORTH COAST BIKE TRAIL

NO SCALE
SHEET 6 OF 10

NORTH COAST BIKE TRAIL – CARLSBAD ALIGNMENT



OLD SORRENTO VALLEY ROAD BIKE TRAIL IMPROVEMENTS



Existing condition (City of San Diego)



Visual simulation (City of San Diego)

NORTH COAST BIKE TRAIL (NEAR DEL MAR HEIGHTS ROAD)



Existing condition (Cities of San Diego/Del Mar)



Visual simulation (Cities of San Diego/Del Mar)

NORTH COAST BIKE TRAIL (OVER THE SAN DIEGUITO LAGOON)



Existing condition (City of San Diego)



Visual simulation (City of San Diego)

MACKINNON AVENUE BRIDGE REPLACEMENT



Visual simulation (City of Encinitas)

MACKINNON AVENUE ROUNDABOUT



Visual simulation on west side of I-5 at roundabout near Encinitas Community Park

NEW UNION STREET BIKE/PEDESTRIAN OVERPASS



Existing condition (City of Encinitas)



Visual simulation (City of Encinitas)

BATIQUITOS LAGOON HIGHWAY BRIDGE REPLACEMENT AND BIKE/PED BRIDGE



Visual simulation (City of Carlsbad)

BATIQUITOS LAGOON HIGHWAY BRIDGE REPLACEMENT AND BIKE/PED BRIDGE

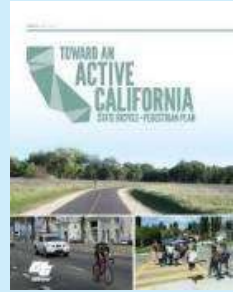


Visual simulation (City of Carlsbad)

CALTRANS DISTRICT 11 ACTIVE TRANSPORTATION PLAN



3 Major Deliverables



Create a District Active Transportation Asset Inventory Map with Facility Conditions

Identify Network Gaps in Comfort and Connectivity

Create Prioritized Route Segments / Project Lists

For additional information, please contact:
Vanessa.Delarosa@dot.ca.gov

The background features a vibrant, abstract design with various colored gears (blue, green, yellow, orange, purple) and human silhouettes in shades of teal, green, and yellow. The gears are scattered across the scene, some appearing to mesh together. The silhouettes are positioned as if they are part of a crowd or a group of people.

Caltrans District 11 Bicycle Pedestrian Advisory Committee

For additional information and meeting times,
please contact: Brandon.Tobias@dot.ca.gov