



NORTH COUNTY TRANSIT

SAN DIEGO RAILROAD

Capital Improvement Program Summary

The Capital Improvement Program (CIP) is a financial plan of adopted capital projects. The CIP is designed to meet NCTD's ongoing operational and infrastructure needs in a responsive and efficient manner. As capital projects require significant investments, projects are evaluated individually during the CIP evaluation process leading to the NCTD Board approval. Capital projects may result in the creation, addition, modification, replacement, or disposal of a capital asset.

Key Projects

Signal Modernization/Positive Train Control (PTC) Improvements – Escondido Subdivision

- Replaces obsolete signal infrastructure and improves highway-rail crossing functionality to streamline traffic flow along the Sprinter corridor.
- Installation of PTC on Escondido Subdivision in anticipation of new SPRINTER fleet.
- Construction phases 8, 9, & 7 for Signal Modernization have been awarded.
- PTC projected to bid Summer 2028 with construction in fiscal year 2029.

BREEZE Operation West (BOW)/BREEZE Operations East (BOE) Electrical Upgrades

- Improvements to electrical systems at the BOW/BOE facilities are required to address aging infrastructure to meet current code requirements.
- SOW includes removal and replacement of main switchboards, panel boards, transformers, motor control centers, and meters, along with the disconnection and reconnection of associated feeders and branch circuits.
- Projected to bid Spring 2027.

Sprinter Double Tracking Project

- The SPRINTER Corridor supports NCTD SPRINTER hybrid rail service as well as BNSF freight services. Double tracking will enable passenger and freight services to increase frequencies, enhancing the movement of freight and supporting an efficient supply chain in southern California
- NCTD was awarded \$10.2 million grant from the U.S. Department of Transportation's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program.
- This RAISE grant award will allow completion of preliminary engineering and environmental clearance for the eastern segment of the SPRINTER Corridor Service Improvement Project from Escondido to San Marcos.
- Design services already awarded, and design will further advance upon securing additional funding.

Bus Stop Improvements

- Construction of bus stop improvements in the Cities of Oceanside, Vista and Escondido.
- Includes removal of existing bus stop amenities, removal and replacement of concrete pads, and installation of upgraded amenities to ensure ADA compliance.
- Projected to bid Summer 2027.

Bridge 209.9 - Construction

- Bridge replacement construction along the COASTER Corridor is needed at bridge Mile Posts (MP) 209.9 near the Orange County border.
- Project is expected to bid Spring 2027.

Bridge 207.6 Bearing – Construction

- Reconstruction of bridge bearings on the two steel spans of Bridge 207.6 is required to address cracking and deterioration caused by prolonged exposure to the marine environment.
- SOW includes removal, repair, or replacement of deteriorated bridge bearings, associated structural work, and inspection and testing to verify proper load transfer, movement, and functionality.
- Project is expected to bid Spring 2027.

Control Point (CP) Ash Turnout - Construction

- Replacement of six (6) existing turnouts withing CP Ash is required to assess wear and deterioration impacting reliability and maintenance needs.
- SOW includes removal of existing turnouts and installation of new, like-for-like replacement unit, along with associated track work to ensure proper alignment, functionality, and integration with the existing rail system. Testing and coordination with rail operations to support safe implementation is included.
- Project is expected to bid Spring 2027.

Coaster Operations Facility (COF) Train Wash - Construction

- Replacement of the existing train wash and installation of a new train wash system at COF.
- SOW includes removal of the existing train wash and installation of the new system, including integration with existing facility infrastructure. System testing and commissioning to ensure proper functionality and performance is included.
- Project is expected to bid Spring 2027.

Grand Avenue and Carlsbad Village Drive Grade Crossing Safety Enhancements

- Grade crossing safety enhancements at Grand Avenue and Carlsbad Village Drive in the City of Carlsbad to improve safety for vehicles, pedestrians, and rail operations.
- SOW includes roadway, sidewalk, signage, pavement marking, warning device, fencing, pedestrian crossing, and emergency exit gate improvements to address safety concerns identified through field evaluations and Federal Railroad Administration/California Public Utilities Commission review.
- Project is expected to bid Summer 2027

*** PLEASE VISIT PLANET BIDS FOR ALL CONTRACTING OPPORTUNITIES ***

One Community - Advancing Opportunities



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CAPITAL IMPROVEMENT PROGRAM

UPCOMING PROJECTS & PROJECTED PROCUREMENT TIMELINE

Project Name and Projected Procurement Timeline

1. Spring 2027

Construction

Breeze Operations East and West Electrical Upgrades - Construction
Breeze Operations East and West Pavement - Construction
Breeze Operations West Elevator Modernization
Breeze Operations West Hydrogen Sensors - Construction
Breeze Operations West Medium Duty Lift Razor Replacements
Breeze Operations West Veeder-Root Replacement
Bridge 207.6 bearing - Construction
Bridge 209.9 - Construction
Coaster Fuel Dispenser System - Construction
Coaster Operations Facility Warehouse Improvements - Mezzanine & Racks
Coaster Operations Facility Train Wash - Construction
Control Point Ash Turnout - Construction
Control Point Longboard Drainage - Construction
Fire Alarm System - Construction
Portable Bus Lift Replacements
Positive Train Control Wireless Crossing
Sprinter Operations Facility Fuel Dispenser Replacement
Wayside Power Cabinets - Construction

Design

Gas Detection Breeze Operations East Body Shop - Design
MP 256.5 Drainage - Design
Solana Beach Glass Canopies - Design

2. Summer 2027

Construction

Bus Stop Imp_ Phase II - Construction
Coaster Turntables - Construction
Escondido Transit Center Wood Structures Improvements
Grand Avenue and Carlsbad Village Drive Grade Crossing Safety Enhancements - Construction
Oceanside Transit Center Platform Stormwater Improvements
Signal Controls Phase 5
Solana Beach Station Storefront Improvements - Construction

Design

Breeze Operations West Storeroom Fire Suppression System - Design

3. Fall 2027

Construction

Coaster Operations Facility Pits Structural Repair - Construction

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