



MANAFORT BROTHERS INCORPORATED

CTDOT NOROTON HEIGHTS RAILROAD STATION PLATFORM REPLACEMENT

Rail & Mass Transit



PROJECT

CTDOT Noroton Heights Railroad Station Platform Replacement

MARKETS

Rail & Mass Transit
Civil & Utility
Concrete
Demolition, Remediation, & Abatement
Alternative Project
Delivery

CONTRACT TYPE

Prime Contractor

PROJECT OWNER

The Connecticut Department of Transportation

LOCATION

Darien, CT

CTDOT Project 0301-0170 – Noroton Heights Railroad Station Platform Replacement Project located at the Noroton Heights Railroad Station along the Metro-North commuter line on the Northeast Corridor in Darien, CT, involved the replacement of the existing railroad station platforms along Track 3 (New York Bound) and Track 4 (New Haven Bound). Manafort Brothers, Inc. was selected to upgrade the railroad station by raising the existing platforms, as well as the associated access stairways, ramps, and railroad station appurtenances in disrepair, to be compliant with the Americans with Disabilities Act.



Manafort’s demolition scope of work included removal and disposal of the existing precast concrete double tee flange railroad station platforms, stairs, ramps, and train passenger shelters along the train tracks. In order for the Noroton Heights Railroad Station to remain operational during construction, Manafort extensively coordinated with the Metro-North Railroad in order to keep the railroad station operational during construction. The work was required to be completed in several phases and during nightly track outages due to the proximity to the train tracks and overhead electrified catenary systems.

Manafort’s train platform scope of work included foundation upgrades, structural steel framing, cast in place concrete train platforms with embedded tactile warning surface, stairs, ramps, rub rail installation, ornamental railing, signage, and new passenger shelters. Manafort value engineered the platform design to be a cast in place structure in lieu of large prefabricated precast concrete elements to allow construction with smaller and less intrusive equipment minimizing impacts on railroad operations. In addition, potential delays due to unforeseen conditions were successfully mitigated by Manafort’s proven ability to increase labor and equipment resources on the project whenever necessary to be able to combine project phases and accelerate the project schedule.

Manafort served as the Prime Contractor on this project and self-performed major aspects of the project including train platform and railroad station appurtenance demolition, structural excavation, backfill, cast in place concrete train platform decks, foundation upgrades, stairs, handicap ramps, and sidewalks. All work was completed safely, successfully, on-time, and on-budget through extensive coordination with the Metro-North Railroad and the CTDOT.

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