



MANAFORT BROTHERS INCORPORATED

CTDOT MOSHER AVENUE BRIDGE REPLACEMENT OVER AMTRAK

Highway & Bridges



PROJECT

CTDOT Moshers Avenue Bridge Rehabilitation Over Amtrak

MARKETS

Highway & Bridges
Demolition, Remediation, & Abatement
Rail & Mass Transit
Civil & Utility
Concrete

CONTRACT TYPE

Prime Contractor

PROJECT OWNER

The Connecticut Department of Transportation

LOCATION

Groton, CT

CTDOT Project 0058-0336 – Bridge No. 03903 Moshers Avenue was a bridge rehabilitation project over Amtraks Northeast Corridor railroad right of way in Groton, CT. This existing single-span, 100-foot-long, and 2-vehicle lane structure was originally constructed in 1936 and was in need of functional and structural updates.



Manafort's demolition scope of work included removal of the existing bridge parapets, fence, concrete bridge deck, and steel plate girders. A temporary water main relocation was required to maintain utility services to the adjacent buildings. All work was performed under close coordination with Amtrak under nightly track outages in order to protect the railroad tracks and electrified catenary system below, as well as maintain Amtrak's train schedule and operations.

Manafort's bridge rehabilitation scope of work included concrete substructure restoration, bridge bearing replacement, prefabricated bridge units, cast in place concrete bridge deck closure pours, architectural concrete bridge parapets, Amtrak electrification barriers, bridge grounding, permanent utility relocations, curb, sidewalk, asphalt paving, and line striping. Similar to the demolition phase of the project, all work over the active railroad was required to be performed at night under coordinated track outages.

Manafort's extensive experience working within the Amtrak Railroad right of way and the use of prefabricated bridge units allowed the team to minimize the amount of work required to be performed over the active railroad, minimizing impacts on all project stakeholders. Manafort served as the Prime Contractor on this successful project and led the team to a safe, successful, on-time, and on-budget completion.

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