



MANAFORT BROTHERS INCORPORATED

CTDOT YANKEE DOODLE BRIDGE

Highway & Bridges



PROJECT

CTDOT Yankee Doodle Bridge

MARKETS

Highway & Bridges
Civil & Utility
Concrete
Demolition,
Remediation, &
Abatement
Ports & Marine

CONTRACT TYPE

Prime Contractor

PROJECT OWNER

The Connecticut
Department of
Transportation

LOCATION

Norwalk, CT

CTDOT Project 0102-0348 – Yankee Doodle Bridge and I-95 over Norwalk River and Hendricks Avenue was a bridge rehabilitation project along I-95 over the Norwalk River in Norwalk, CT. The existing 7-span 911, foot-long, and 8-vehicle lane structure was built over the river in 1958 and was in need of functional and structural updates. This major bridge rehabilitation project upgraded the bridge from a “Poor” rating prior to construction. Given the size of the structure, this improvement had a very positive impact on Connecticut’s bridge program.

The superstructure consisted of built-up welded steel plate girders, and the substructure consisted of cast-in-place concrete abutments and piers. The proposed rehabilitation included major repair and complete painting of the deteriorated and deficient structural steel members, replacing deck expansion joints, repair of the bridge deck and substructure concrete, stabilization of the west abutment embankment and installation of a sedimentation pond, removal and replacement of the concrete parapets and median deck/barrier, maintenance and rehabilitation of the existing sidewalk, replacement of the bridge drainage, new navigational lighting, and upgrades to existing roadside elements.

Manafort’s creative approach to substructure repair work allowed for it to be completed without river channel closures below the bridge which minimized the impact on the local marine industry and promoted a positive relationship with the community. Given the proximity to the Norwalk River, environmental compliance was also of great importance. All blast media and debris associated with the preparation and new steel coating were contained, collected, removed, and properly disposed of.



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