



MANAFORT BROTHERS INCORPORATED

HIGH STREET DAM REMOVAL AND BRIDGE REPLACEMENT

Highway & Bridges



PROJECT
High Street Dam
Removal and Bridge
Replacement

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

CONTRACT TYPE
Prime Contractor

PROJECT OWNER
Town of Bridgewater

LOCATION
Bridgewater, MA

located in Bridgewater, MA, the High Street Dam was rated as a Significant Hazard by the MA Office of Dam Safety for impeding migratory fish passage, interrupting natural river processes, and contributing to local flooding. Manafort Transit was selected to remove the existing 12 ft high and 80 ft wide dam across the Town River and replace the 170-year-old High Street Bridge to withstand 500-year floods.

Manafort’s demolition scope included the design and installation of a temporary cofferdam, consisting of 3,000 lb sandbags, to temporarily divert and relocate Town River to facilitate the demolition of the existing dam and appurtenances under fully dewatered conditions. Manafort was required to selectively demolish and salvage portions of the historic dam for re-use on site.

Manafort’s bridge replacement scope included the construction of two new cast-in-place concrete bridge abutments and wingwalls supported by 3 ft diameter drilled shaft foundations. The new bridge superstructure included structural steel framing and a cast-in-place concrete deck. In addition, Manafort relocated gas, sanitary sewer, storm drainage, and water main utilities and constructed all site finishes on the project, including reprofiling of the river channel, extensive river bank restoration, concrete sidewalks, and bituminous pavement.



The Manafort team’s extensive demolition and construction experience, in addition to close coordination with all project stakeholders and agencies, aided in the environmentally sound, safe, successful, on-time, and on-budget completion of this project.

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