

CENTRAL COHASSET SEWER SYSTEM EXPANSION, COHASSET, MA

Client: Board of Sewer Commissioners
Cohasset, MA

Project Manager:
Daniel J. Coughlin, P.E.

Mr. Coughlin was Project Manager for the expansion of the Central Cohasset Wastewater Collection System which was constructed in three phases simultaneously with the Cohasset WWTP Upgrade and Expansion. This \$7 million SRF funded expansion was mandated through Judicial Judgment and had a stringent time frame of 18 months for construction completion. This project involved the design, bidding and construction of eight municipal wastewater pump stations, over ten (12) miles of gravity and low pressure sewers and services, over three (3) miles of forcemains and the installation of almost 70 grinder pump systems, all servicing close to 700 properties. The project involved two general contractors and numerous subcontractors. Mr. Coughlin oversaw all aspects of the project including permitting, SRF funding and reimbursement coordination, MBE/WBE subcontractor coordination and full resident engineering services.

Several special construction concerns for this project involved the management and coordination of the ten or more construction crews within the Town to ensure proper traffic routing, special peat crossing techniques including capped pile manhole footings and “floating” bridge pipe trench supports, special design and construction methods adjacent to petroleum contaminant groundwater areas under the Mass Contingency Plan involving the use of Frac Tanks and carbon contactors, various utility upgrades prior to final paving, numerous wetland and coastal water resource protection measures and resident coordination for work on private property.

The total value of proposed facilities was over \$7,000,000.



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