

Town of Orleans Meetinghouse Pond Area Collection System and Pumping Station Project

Contract No. 2022-01 SRF No. 7150

Construction Related Frequently Asked Questions (1-5-2024)

Q: What is the scope of work for this project?

A: This project includes the installation of approximately 18,750 linear feet of 8-inch, 10-inch, 12-inch, and 18-inch PVC gravity sewer and appurtenances, approximately 7,460 linear feet of 8-inch PVC force main and appurtenances, approximately 20,750 linear feet of 1.25-inch, 1.5-inch, 2-inch and 3-inch low pressure sewer and appurtenances and 1 Submersible Pumping Station. Through separate funding, while the trench work is occurring, certain water service connections, some water mains and stormwater facility improvements are also being completed.

Q: Where are these facilities being constructed?

A: The map at this link shows the entire Meetinghouse Pond Sewer Service Area including a link to detailed grid maps showing all properties

<https://www.town.orleans.ma.us/264/Phase-2---Meetinghouse-Pond-Area>

Q: What is the difference between a gravity sewer and low pressure force main?

A: A gravity sewer is a wastewater collection system that conveys wastewater from residential or other sources to a central treatment facility through underground pipes by gravity and without pumps. Typically, gravity sewers are sized for pipes 8" and larger. A low pressure force main utilizes pumps to convey pressurized wastewater to a central treatment facility in areas where gravity sewers are not feasible. Low-pressure force mains typically use small-diameter pipes, from 1 ½" to 3" in size.

Q: What Permits, Licenses and Easements were obtained and being followed?

A: The project obtained and the Contractor is required to comply with the terms, conditions and any special conditions of the following permits or authorizations: Cape Cod Commission – Consistency Review, Massachusetts Historical Commission (MHC), Massachusetts Department of Environmental Protection – CWMP Approval, Orleans, MA – Conservation Commission – Order of Conditions, Massachusetts Department of Transportation (MassDOT) – State-Highway Access Permit, US EPA National Pollutant Discharge Elimination System (NPDES) Permit for Dewatering Activity Discharges, Town of Orleans, MA Trench and Road Opening Permit and Town of Orleans, MA Building Permit / Electrical Permit. In addition, easements were obtained for the

installation of required facilities in the following private roads: Baxter Lane, Bayberry Way, Cedar Way, Cheney Road, Cole Place, Gesner Road, Grist Road, High Tide Lane, Karen Way, Lake Farm Lane Larboard Lane, Linden Lane, Loomis Lane, Lucy's Lane, Manito Road, Natural Drive, Nauset Farms Way, Packet Landing, Pond View Road, Uncle Vick's Way, Windy Hill Lane and Reverend Treat Road.

Q: When did the Contractor start work and when is the project scheduled to be complete?

A: The Start Date of the project was July 11, 2023, and the Contract requires substantial completion by December 7, 2025.

Q: What is the sequence of construction to do this work?

A: This project is defined as a linear construction project, meaning work takes place in segments as the sewer lines are installed and the work is performed sequentially. Linear projects require a high level of project management to reduce equipment and labor downtime and involve close communication with all stakeholders. The Contractor typically uses multiple crews working simultaneously to advance the project. Consistent with the Contract, including all approved traffic management plans and project specifications and drawings, the Contractor (1) provides all appropriate personal protective equipment and job site safety systems necessary for the work, (2) uses appropriate equipment to excavate, prepare trench, lay and connect the sewer lines, inspect, backfill, temporary patch, pressure test and return after a minimum of 90-day settlement period to complete final restoration, and (3) at all times performs good hygiene practices during operations and clean-up after work is completed to ensure safe work site(s).

Q: What type of coordination is done with Town Departments and other utilities?

A: Coordination occurs with the Orleans Department of Public Works and Natural Resources, Orleans Highway Department, Orleans Water Department, Orleans Fire and Rescue, Orleans Police Department, Dig Safe, MassDOT, MassDEP, Eversource, National Grid, Comcast, Veolia on an ongoing basis.

Q: How do I find where the sewer connection location to my property is proposed to be?

A: In August 2023, a letter was sent to each property owner in the Meetinghouse Pond Area Wastewater Collection System (Phase 2). If you have not received this or misplaced it, please contact Martin (Reggie) Donoghue by phone at 508-237-7161 or

email to Martin.Donoghue@aecom.com for a copy along with information for property owners.