



MassDEP File No. 200-0190
Montague-Fairmont Priority Structure Replacement Project in Leverett, MA
Monthly Report for November 15, 2019 to December 15, 2019

A Notice of Intent (NOI) application was prepared by GZA GeoEnvironmental, Inc. (GZA) on behalf of NSTAR Electric Company dba Eversource Energy (Eversource) for proposed work in the Line 1044/1113 Right-of-Way (ROW) for the Montague – Fairmont Priority Structure Replacement Project.

An Order of Conditions (OOC) was issued by the Leverett Conservation Commission on July 1, 2019 for the proposed work subject to the Massachusetts Wetlands Protection Act (WPA, 310 CMR 10.00). The proposed work conditioned by the OOC is as follows:

- Replacement of Structures 10103 and 10104 in bordering vegetated wetland (BVW);
- Construction of permanent gravel work pad at Structure 10101 in Riverfront Area; and
- Construction of temporary work pad at Structure 10098 in Riverfront Area

Special Condition #1 of the OOC states:

For the duration of the work conducted on-site, the applicant shall submit monthly reports that detail the construction process and describe any changes from the submitted Notice of Intent.

A summary report was emailed to the Leverett Conservation Commission on December 10, 2019 that covered the one-month period following the start of work subject to the OOC (October 14, 2019 to November 14, 2019). This document summarizes the activities performed between November 15, 2019 and December 15, 2019 that were subject to the OOC.

1. The installation of the caissons (or cans) was completed at Structures 10103 and 10104 on November 15, 2019 (Photos 1 and 2).
2. New Structures 10103 and 10104 were installed on November 25, 2019 (Photos 3, 4 and 5).
3. The electrical work (such as transferring the lines from the old structures to the newly installed structures) was completed on November 25 and 26, 2019.
4. On November 26, 2019, it was determined by Eversource or PAR Electrical Contractors, Inc. (PAR) that the new pole for Structure 10104 was set too shallow. On December 7, 2019, the lines were removed from the new structure, the new structure was lifted with a crane, a vacuum truck removed backfill material from around the pole and sediment from within the caisson until the pole was able to be set 2 feet deeper. During this process, water that flowed into the can was pumped out through a filter bag. Backfill material was spread on the existing gravel near STR 10101 and new gravel backfill was placed around the pole (Photos 6, 7 and 8).
5. The steel lattice structures were removed off-site on December 12, 2019 for recycling.



During this construction period, there were no changes from the submitted NOI. The next summary report will cover the time period from December 16, 2019 to January 16, 2020 and will document the following:

- removal of the concrete footings at Structures 10103 and 10104; and
- removal of the restoration of work pad area around Structure 10098.

Upon completion of the work permitted under the OOC, GZA will prepare and submit as As-Built with the Request for a Certification of Compliance (COC), as required by Special Condition #2 of the OOC.



Photo 1: Work pad at Structure 10104 on November 15, 2019 after installation of caisson (looking south).



Photo 2: Work pad at Structure 10103 (on right) on November 15, 2019 after installation of caisson (looking north).



Photo 3: Completed Structure 10103 installation on November 25, 2019.



Photo 4: Installation of new Structure 10104 on November 25, 2019.



Photo 5: Completed installation of Structure 10104 on November 25, 2019. Old lattice structure on the work pad.



Photo 6: Lifting newly installed Structure 10104 on December 7, 2019.



Photo 7: Reinstalling the lines to the insulators on Structure 10104.



Photo 8: Completing the reinstallation of Structure 10104 on December 7, 2019.