



CITY OF NORTHAMPTON, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
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Donna LaScaleia
Director

Memorandum

To: Donna LaScaleia, DPW Director *Approved 5-30-23*
From: Greg Newman, Senior Engineer
Date: May 25, 2023
Re: Petition #11451 to install one (1) Telemetry Cabinet and conduit on Elm Street

Eversource is proposing to install one (1) telemetry cabinet with associated telecommunication & electrical conduit on the west side of Elm Street at a point approximately 190-feet north of the intersection with Vernon Street.

Please note the proposed equipment location was marked on site at the time of engineering field review on May 5, 2023 as per the attached photo. There is an existing Eversource utility vault in the sidewalk on the west side of Elm Street in front of house #336. The proposed telemetry cabinet with protective bollards will be located near the vault (between the sidewalk and the street). The buried conduits will run from the proposed telemetry cabinet southerly to Pole # 45 Elm Street.

A review of City records indicates the following:

1. SEWER. There is an 8-inch VC sewer in Elm Street over 20-feet from the west edge of pavement. There is a sewer service connection to the west side of Elm Street located approximately 45-feet north of Pole #45. The proposed trenching will cross this service. **Therefore, the shallow trenching shall be hand dug or vacuum excavated to avoid conflict with the sewer service from Elm Street.**
2. WATER. There is a 12-inch CI water main in Elm Street that is located at least 10-ft from the west edge of pavement. There is a water service to #336, approximately 25-feet south from the existing utility vault. The proposed trenching will cross this service and this **trench shall be hand dug to avoid or vacuum excavated to avoid conflict with the water service.**
3. DRAIN. There is a drain in Elm Street, over 40-feet west of the western edge of pavement. **No conflicts with the drain in Elm Street are anticipated.**
4. OTHER - Sidewalks. The existing utility vault is located in the green space between the street and the sidewalk. The proposed connection conduits and control cabinet will also be installed in the green space road and sidewalk. The petition shows installation of 4 (four) bollards around the corners of the proposed cabinet near the sidewalk on the west side of Elm Street. Markings on the grass show the location of the proposed telemetry cabinet, bollards and conduits.

Based on the above, there are no apparent conflicts with SEWER, WATER & DRAIN utilities for the proposed work.

A Northampton DPW Trench Permit is required prior to construction

The proposed layout of telemetry cabinet, bollards and conduits connecting to pole #45 Elm Street are shown on the attached figure.

