

FIELD OBSERVATION REPORT

Project: Gas Main – Cumberland-Falmouth-Yarmouth
Client: Towns of Cumberland, Falmouth and Yarmouth
GP Field Rep: Benjamin Grondin (BG)
Weather: Sunny
Temp. Range: 38-56°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: November 29, 2017
Report Date: November 30, 2017

Summit Natural Gas

Crew #1: Summit – Foreman (Dan) and 4 man crew
Equipment: CAT mini excavator, dump truck

Distribution: File, Bill Shane, Chris Bolduc, Adam Theriault, Bryan Haberman, Bryan Foster, Bert Stefanic

Work in Progress – Town of Cumberland

- Crew #1 installing long side 2" gas main near 197 Gray Road.

Discussions & Observations

Crew #1:

197 Gray Road

- Work Zone Closure: Two way traffic on Gray Road was maintained during gas main installation. Flaggers held "slow" signs.
- Crew installed 2" gas main via automatic punch method at approximately 40" depth.
- Crew removed pavement in the shoulder to the fog line on the southbound lane side to access gas main.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated.
- Depth of utilities is to top of pipe unless noted in the table below:

| Utility | Depth |
|----------------|-------|
| 16" Water Main | 58"+ |

- Crew hand excavated 18" below the depth of the 2" gas main. The water main was not located. Therefore, >1' of separation was achieved.
- Crew achieved >6' of parallel separation from existing utilities.
- Crew backfilled trench with sand around the gas main and excavated material. Backfill was compacted in lifts with a jumping jack.
- Crew cleaned worksite and traffic returned to normal by 4:30PM.



Upcoming Work

- B&S to pave trench near roadway shoulder Thursday (11/30).

Restoration Required

| Location | Length of Main or # of Services | Roadway Crossing Trench Patch (1) | Driveway Crossing Trench Patch (1) | Longitudinal Road or Shldr Trench Patch (1) | Sidewalk Trench Patch (1) | Pave Pothole (1) | Restore Gravel Shldr or Driveway (2) | Loam, Seed & Mulch (2) | EC Blanket (2) | Riprap (2) | Moratorium Roadway Restoration (1) | Comments |
|-----------------|---------------------------------|-----------------------------------|------------------------------------|---|---------------------------|------------------|--------------------------------------|------------------------|----------------|------------|------------------------------------|-----------------|
| MAINS | | | | | | | | | | | | |
| 197 Gray Road | 60' | | | X | | | | X | | | | Southbound lane |
| SERVICES | | | | | | | | | | | | |

- (1) Gorrill Palmer must observe pavement during placement
- (2) Gorrill Palmer will observe restoration after completion

Visitors on Site

- None observed.

Concerns or Questions

- None at this time.

Follow up Required

- None at this time.

Prepared By: Benjamin Grondin, EI

Reviewed By: Drew Gagnon, EI

If there are any discrepancies, please notify the sender immediately



Open trench outside of roadway on northbound lane side.



Open trench on southbound lane side.