

FIELD OBSERVATION REPORT

Project: Gas Main – Cumberland-Falmouth-Yarmouth
Client: Towns of Cumberland, Falmouth and Yarmouth
GP Field Rep: Benjamin Grondin (BG)
Weather: Cloudy
Temp. Range: 70-80°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: August 1, 2017
Report Date: August 2, 2017

Summit Natural Gas

Crew #1: ETTi – Foreman (Tyler) and 4 man crew
Equipment: CAT mini excavator, 2 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 4" gas main in the southbound shoulder on Route 100.

Discussions & Observations

Crew #1:

Route 100

- Work Zone Closure: One lane closed on Route 100 with flaggers maintaining alternating one way traffic. Flaggers also maintained the intersection of Blackstrap, Skillin, and Route 100 as a four way stop due to the work zones proximity to the intersection.
- Crew installing 4" gas main via open trench method.
- Crew installed approximately 360' of 4" gas main at approximately 3'4" depth from near the Westside Animal Hospital to near the Cumberland House of Pizza.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated.
- Depth of utilities are to top of pipe unless noted in table below.

Utility	Depth
12" stormdrain near gravel pit driveway	4'2"
8" water main near gravel pit driveway	4'4"+
2" water service near Westside Animal Hospital	4'4"+
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- BG was not onsite when crew crossed utilities. Crew indicated they did not achieve >1' of separation between the 4" gas main and the 12" stormdrain near the driveway at the gravel pit driveway due to other Stormdrains near the crossing. A rock shield was placed between the gas main and the stormdrain.



- It appeared the driveway crossing trench was backfilled with a well compacted gravel. The trench in the esplanade area in front of the Westside Animal Hospital appeared to be backfilled with existing material with adequate compaction.
- The driveway crossing trench to the gravel pit was left gravel due to the size of the trench. The gravel trench will be monitored and corrective action will be taken when necessary.
- Crew clean worksite and traffic returned to normal at approximately 3:00 PM.

Upcoming Work

- 4" gas main installation on Route 100 tomorrow (8/2)

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												
Route 100	360'		X					X				
SERVICES												

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

Visitors on Site

None

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



Gravel pit driveway trench backfilled with gravel



Esplanade backfilled