

FIELD OBSERVATION REPORT

Project: Gas Main – Cumberland-Falmouth-Yarmouth
Client: Towns of Cumberland, Falmouth and Yarmouth
GP Field Rep: Benjamin Grondin (BG).
Weather: cloudy with passing rain showers
Temp. Range: 40-55°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: November 6, 2017
Report Date: November 7, 2017

Summit Natural Gas

Summit Personnel: Jeff
Crew #1: ETTi – Foreman (Bandon) and 2 man crew
Equipment: CAT mini excavator, dump truck

Summit Personnel: Jeff
Crew #2: ETTi – Foreman (Matt) and 2 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 short side 1/2" gas service at #11 Skillin Road.
- Crew #2 installing long side 1/2" gas service at #69 Skillin Road.

Discussions & Observations

Crew #1:

11 Skillin Road

- Work Zone Closure: Kathy lane reduced to one lane with flaggers maintaining local traffic.
- Crew installed 1/2" gas service via automatic punch method at approximately 40" depth.
- Crew able to access gas main for service connection without removing pavement on Skillin Road or Kathy Lane.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated.
- No utilities crossed.
- Gas service is not parallel to any utilities therefore >6' of separation was achieved.
- 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 3:00PM

Crew #2:

69 Skillin Road

- Work Zone Closure: Skillin Road reduced to one lane with flaggers maintaining alternating one way traffic.
- Crew installed 1/2" gas service via open trench method at approximately 40" depth.
- Crew sawcut and removed pavement on Skillin Road for roadway crossing trench.



- Crew damaged a 6" underdrain on the west bound lane side of Skillin Road. The underdrain was repaired with a new piece of 6" underdrain and 2 Fernco's.
- 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
Water main	52" +
6" underdrain	38"

- Crew hand excavated 1' below the gas service at the marked location for the water main. Crew did not locate the water main. Therefore, >1' of separation was achieved.
- Crew did not achieve >1' of separation from the 6" underdrain do to the proximity of the underdrain to the gas main. Rock shield was placed between the 6" underdrain and the gas service.
- Gas service is not parallel to any utilities therefore >6' of separation was achieved.
- 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 2:30PM.

Upcoming Work

- To be determined.

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												
SERVICES												
11 Skillin Road	1							X				
69 Skillin Road	1	X						X				

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

Visitors on Site

- None observed.



Concerns or Questions

- Ditch side slopes on Skillin Road require soft restoration as they were vegetated prior to gas main install.

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 to access main at 11 Skillin Road.



Repaired underdrain at 69 Skillin Rd.



Rock shield placed between gas service and underdrain



Trench backfilled with pavement cutbacks.