

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: 55-70°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: October 20, 2017
Report Date: October 23, 2017

Summit Natural Gas

Summit Personnel: Jeff
Crew #1: ETTi – Foreman (Matt B.) 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 long side 1/2" gas service at #88 Skillin Road and short side service at #60 Skillin Road.

Discussions & Observations

Crew #1:

88 Skillin Road

- Work Zone Closure: Skillin Road reduced to one lane with flaggers maintaining alternating one way traffic.
- Crew sawcut and removed pavement for 1/2" gas service install via open trench method. Service was installed at approximately 36" depth.
- 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	48"+
6" underdrain	33"

- Crew hand excavated 1' below the elevation of the gas service and did not locate the water main therefore >1' of separation would be achieved.
- Gas service is not parallel to any utilities therefore >6' of separation was achieved.
- Crew backfilled trench with excavated material and gravel. Backfill was compacted in lifts with a jumping jack.
- Cold patch was not used due to the size of the crossing trench. Gravel in trench shall be monitored and repaired as necessary.
- Crew cleaned worksite and traffic returned to normal by 12:00PM.



60 Skillin Road

- Work Zone Closure: Skillin Road reduced to one lane with flaggers maintaining alternating one way traffic.
- Crew sawcut and removed a section of pavement on the shoulder of Skillin Road to access the gas main for 1/2" gas service install via open trench method. Service was installed at approximately 36" depth.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated.
- No utilities crossed for short side service.
- Gas service does not cross any utilities therefore >1' of separation was achieved.
- Gas service is not parallel to any utilities therefore >6' of separation was achieved.
- Crew backfilled trench with excavated material and gravel. Backfill was compacted in lifts with a jumping jack.
- Cold patch was not used due to the location of the trench being out of the travel way.
- Crew cleaned worksite and traffic returned to normal by 4:00PM.

Upcoming Work

- Gas service at Skillin Road (10/23).

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												
88 Skillin	I	X						X				
60 Skillin	I			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

- All gravel trenches within the roadway shall be monitored and repaired or treated for dust control as necessary.
- Ditch side slopes on Skillin Road require soft restoration as they were vegetated prior to gas main install.
- Notify GP when moratorium restoration at Balsam Drive will occur.



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



Underdrain in trench on Skillin road.



Roadway crossing trench for 88 Skillin



Trench backfilled, compacted, and marked for cutbacks.