

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: 60-75°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: September 11, 2017
Report Date: September 12, 2017

Summit Natural Gas

Summit Personnel: Jeff Gasperini
Crew #1: ETTi – Foreman (Matt) 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 west bound shoulder on Skillin Road near Pond Shore Drive.

Discussions & Observations

Crew #1:

Skillin Road

- Work Zone Closure: 1 lane closed on Skillin Road with flaggers maintaining alternating one way traffic.
- Crew installed approximately 145' of 4" gas main from the existing trench on Skillin Road from near house #69 to near utility pole #25 at approximately 40" depth via open trench method.
- 4" gas main was installed in the vegetated area with no pavement removal.
- 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
1" water service to horse ring near #69	4'4"+

- Crew hand excavated 1' below the 4" gas main pipe at the location of the water service crossing. The crew did not locate the water service. Therefore, >1' of separation was achieved between the 4" gas main and water service was achieved.
- The 16" water main in the east bound lane on Skillin Road. Since the gas main is being installed in the west bound lane, >3' of parallel separation was achieved.
- Crew backfilled trench with sand around the gas main, with excavated material above the sand. Backfill was compacted in lifts with a jumping jack and plate wacker.
- Crew cleaned worksite and traffic returned to normal by 4:00PM.

Upcoming Work

- 4" gas main installation on Skillin Road to continue Tuesday (9/12)



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												
Skillin Road	145'							X				
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

- All gravel trenches within the roadway shall be monitored and repaired or treated for dust control as necessary.

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



Compacted backfill with warning tape in trench area.



Backfill brought to grade and compacted.