

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: 70-85°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: September 27, 2017
Report Date: September 28, 2017

Summit Natural Gas

Summit Personnel: David
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 2" gas main on Castlerock Drive.

Discussions & Observations

Crew #1:

Castlerock Drive

- Work Zone Closure: 1 lane closed on Castlerock Drive with flaggers maintaining alternating one way traffic.
- Crew installed approximately 50' of 2" gas main from near #5 driveway to near the intersection of Castlerock Drive and Route 88.
- Crew installed 2" gas main on the the esplanade at approximately 40" depth via open trench method.
- Crew sawcut driveway apron to house #3 and a portion of the sidewalk for gas main installation.
- 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 #3	>5'
12" stormdrain	3'6"

- Crew hand excavated 1' below the gas main elevation near the location of the water service for house #3 but were unable to locate the water service. Therefore, >1' of separation was achieved.
- Due to the location of the 2" gas main stub across Route 88, crew was unable to achieve >1' of separation between the 2" gas main and the 12" stormdrain. Crew achieved approximately 3" of separation and a rock shield was placed between the gas main and stormdrain.
- >6' of parallel separation was achieved between the 4" gas main and water main. There does not appear to be any sewer on Castlerock Drive.
- Crew backfilled trench with sand around the gas main, with excavated material above the sand. Backfill was compacted in lifts with a plate wacker.



- Crew sawcut the section of failed pavement on Skillin Road.
- Crew cleaned worksite and traffic returned to normal by 4:30PM

Upcoming Work

- Crew to purge 2" gas main and begin service on Thursday (9/28)

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												
Castlerock	50'		X		X			X				Driveway #3
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 on Skillin Road 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



Failed pavement section on Skillin Road sawcut.



Driveway crossing at #3 Castlerock Drive backfilled.



Sidewalk crossing backfilled on Castlerock Drive.