

## FIELD OBSERVATION REPORT

Project: Gas Main – Cumberland-Falmouth-Yarmouth  
Client: Towns of Cumberland, Falmouth and Yarmouth  
GP Field Rep: Benjamin Grondin (BG).  
Weather: Rain/Snow Showers  
Temp. Range: 24-35°F  
Time onsite: Multiple visits

GP Project No: 1636.87  
Visit Date: November 13, 2017  
Report Date: November 14, 2017

### Summit Natural Gas

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

Distribution: File, Bill Shane, Chris Bolduc, Adam Theriault, Bryan Haberman, Bryan Foster, Bert Stefanic

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### Work in Progress – Town of Cumberland

- Crew #1 installing long side ½” gas service at #20 Blanchard Road.

### Discussions & Observations

#### Crew #1:

#### 20 Blanchard Road

- Work Zone Closure: Blanchard Road reduced to one lane with flaggers maintaining alternating one way traffic.
- Crew installed ½” gas service via automatic punch method at approximately 40” depth.
- Crew sawcut and removed pavement in the roadway shoulder in the east and west bound lanes.
- 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	52”+
Stormdrain (eastbound lane)	45”
Stormdrain (westbound lane)	44”

- Crew achieved >1’ of separation at the water main crossing.
- Crew achieved >1’ of separation at the stormdrain crossings by coming over the top of the Stormdrains. Rock shield was placed at each crossing.
- Crew achieved >6’ of parallel separation from existing utilities.
- Crew backfilled trench with sand around the gas main and excavated material. Backfill was compacted in lifts with a jumping jack.
- Cold patch was not used since trench is outside of the travel lane. Gravel shall be monitored and repaired as necessary.
- Crew cleaned worksite and traffic returned to normal by 4:30PM.



### Upcoming Work

- B&S to pave multiple locations on Tuesday (11/14).

### 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
<b>MAINS</b>												
<b>SERVICES</b>												
20 Blanchard 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 will require soft restoration in Spring 2018 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 on eastbound lane side.



Open trench on westbound lane side.





Compacting backfill in trench on eastbound lane side.



Compacting backfill on westbound lane side.