

## FIELD OBSERVATION REPORT

Project: Gas Main – Cumberland-Falmouth-Yarmouth  
Client: Towns of Cumberland, Falmouth and Yarmouth  
GP Field Rep: Benjamin Grondin (BG)  
Weather: Partly Cloudy  
Temp. Range: 60-67°F  
Time onsite: Multiple visits

GP Project No: 1636.87  
Visit Date: July 25, 2017  
Report Date: July 26, 2017

### Summit Natural Gas

Crew #1: ETTi – Foreman (Nolan) and 4 man crew  
Equipment: CAT mini excavator, Ditchwitch drill, Ditchwitch vacuum, 1 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 installing 4" gas main at the intersection of Skillin, Blackstrap, and Route 100.

### Discussions & Observations

#### Crew #1:

#### Route 100

- Work Zone Closure: One lane closed on Blackstrap Road and Skillin Road with flaggers maintaining the intersection as a four way stop.
- Crew installed approximately 200' of 4" gas main from Blackstrap Road going north to near the "Cumberland Salv. Used Auto Parts" sign on the southbound lane side of route 100 via directional drill method.
- Crew drilled approximately 450' from near Copp Motors on Skillin Road to near the "Fire Danger" sign on Blackstrap Road. Rods were left in the ground for 4" gas main installation tomorrow (7/26)
- 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
12" water main (Blackstrap)	6'7"
12" stormdrain (Blackstrap)	5'4"
2" water service to 176 gray road (Blackstrap)	6'7"
Water service to fire station (Blackstrap)	6'6"
Water service to fire station (Blackstrap)	5'9"
Stormdrain near fire station (Blackstrap)	4'4"
16" water main (Rt. 100)	6'6"
12" Stormdrain (Skillin)	4'2"



- Crew backfilled trenches and potholes with sand around the gas main and gravel. Backfill was compacted in lifts with a jumping jack.
- Trenches and pothole were left gravel as crew will be returning to the site tomorrow (7/26) to continue 4" gas main installation.
- Crew clean worksite and traffic returned to normal at approximately 6:00 PM.

#### Upcoming Work

- Continue gas main installation on Thursday (7/27)

#### 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	200'			X		X		X				

(1) Gorrill Palmer must observe pavement during placement

(2) Gorrill Palmer will observe restoration after completion

#### Visitors on Site

None

#### Concerns or Questions

None at this time.

#### 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



Entry pit for directional drill in Skillin Road



Compacting sand layer



Compacting gravel layer



Sweeping roadway