

## 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: 70-80°F  
Time onsite: Multiple visits

GP Project No: 1636.87  
Visit Date: July 10, 2017  
Report Date: July 11, 2017

### Summit Natural Gas

Crew #1: ETTi – Foreman (Nolan) and 4man 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

- Installing 4" gas main in southbound shoulder of Route 100.

### Discussions & Observations

#### Route 100

- Work Zone Closure: One lane closed on Route 100 with flaggers maintaining two way traffic.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated..
- Crew drilled 510' from near house #144 to near house #134. Rods were left in the ground for pipe installation tomorrow (6/11).
- Depth of utilities are to top of pipe unless noted in table below.

Utility	Depth
4" gas main	4'
1" water service #134	7'1"
1" water service #136	7'
1" water service #138	5'3"
1" water service #144	5'

- Crew achieved >1' separation from existing utilities on all crossings. Crew also maintain >6' separation from existing parallel utilities. A rock shield was placed over the water service for #138 as a precaution was drill depth varies due to slope on roadway
- Crew backfilled trench and potholes with excavated material. Existing material was used as backfill. Backfill was compacted in lifts with a jumping jack.
- Crew clean worksite and traffic returned to normal at approximately 5:00 PM.

### Upcoming Work

- Continue main install on Route 100 tomorrow (6/11)



### 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)	Mortarium Roadway Restoration (1)	Comments
<b>MAINS</b>												
Route 100	-			X		X		X				Pothole in #136 driveway.

- (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



Fusing pipe on Route 100.



Rock shield placed over water service.



Excavated shoulder trench for directional drill method.