

## FIELD OBSERVATION REPORT

Project: Gas Main – Cumberland-Falmouth-Yarmouth  
Client: Towns of Cumberland, Falmouth and Yarmouth  
GP Field Rep: Benjamin Grondin (BG)  
Weather: Cloudy  
Temp. Range :70-80°F  
Time onsite: Multiple visits

GP Project No: 1636.87  
Visit Date: July 12, 2017  
Report Date: July 13, 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

#### Crew #1:

#### Route 100

- Work Zone Closure: One lane closed on Route 100 with flaggers maintaining two way traffic.
- Crew installed approximately 350' of pipe from near the lower driveway of house #144 to near house #134.
- 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
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 backfilled trench and potholes with excavated material. Existing material was used as backfill. Backfill was compacted in lifts with a jumping jack.
- Crew placed cold patch where pavement had been removed at the corner of Spring Drive. Cold patch was used due to the proximity to a driveway culvert in an attempt to reduce erosion to the driveway culvert as well as undermining Rt.100. The remaining trenches were left gravel due to their size and location.
- Crew clean worksite and traffic returned to normal at approximately 5:30 PM.

### Upcoming Work

- Continue main install on Route 100 tomorrow (6/13)



### 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	<b>350'</b>			<b>X</b>		<b>X</b>		<b>X</b>				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



Compacting second lift of gravel near lower driveway to house #144



Compacting final lift of gravel near house #134



Compacting cold patch at corner of Spring Drive