

## FIELD OBSERVATION REPORT

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

GP Project No: 1636.87  
Visit Date: July 20, 2017  
Report Date: July 21, 2017

### Summit Natural Gas

Crew #1: ETTi – Foreman (Nolan) and 4man crew  
Equipment: CAT mini excavator, Ditchwitch drill, Ditchwitch vacuum, 1 dump truck

Crew #2: B&S Paving – Foreman (Rueban) and 5 man crew  
Equipment: Volvo mini excavator, 2 dump trucks

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 on Route 100.
- Paving trenches on Foreside road and Tuttle Road

### Discussions & Observations

#### Crew #1:

#### Route 100

- Work Zone Closure: One lane closed on Route 100 with flaggers maintaining one way traffic.
- Crew drilled from near house #156 in the direction of the Cumberland House of Pizza for approximately 510'.
- No gas main pipe was installed. Rods from the drill machine were left in the ground to pull pipe on Friday (7/21).
- 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	No pipe installed
1" water service #156	5'3"
1" water service undeveloped land	5'
1" water service to undeveloped land	5'3"

- BG was not onsite when Crew backfilled trenches and potholes. Trenches and potholes appeared to be backfilled with a well compacted gravel.
- Trenches and potholes were left gravel due to their size and location. Crew will be returning tomorrow (7/21) to vacuum and excavate trenches and potholes for 2" gas main installation.
- Crew clean worksite and traffic returned to normal at approximately 4:00 PM.



## Crew #2

### B&S Paving

- Work Zone Closure: Foreside Road and Tuttle Road reduced to one lane with flaggers maintaining alternating one way traffic.
- Crew removed cold patch from trench and compacted gravel with a plate wacker.
- Edges of pavement were cleaned and tacked prior to placing 12.5mm HMA.
- Ambient air temperature at time of paving was approximately 75°F.
- 12.5mm HMA was measured to be 293°F conforming to the MaineDOT Standard Specification.
- Crew placed 12.5mm HMA in 2 lifts with each lift compacted with a plate wacker.
- Crew built a temporary curb on Foreside Road with 12.5mm HMA.

### Upcoming Work

- Continue gas main installation on Friday (7/21)

### 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>												
Route 100	-							X				No pipe installed

(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



Crew building temporary curb on Foreside Road



Compacting first lift of 12.5mm HMA



Drill machine trench backfilled