

## 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: 60-70°F  
Time onsite: Multiple visits

GP Project No: 1636.87  
Visit Date: September 21, 2017  
Report Date: September 22, 2017

### Summit Natural Gas

Summit Personnel: David  
Crew #1: ETTi – Foreman (Matt) and 4 man crew  
Equipment: CAT mini excavator, CAT rubber tire excavator 2 dump truck

Crew #2: B&S Paving – Foreman (Rick) and 7 man Crew  
Equipment: Volvo mini excavator, 2 dump truck, 3 ton vibratory roller, various hand tools

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 excavating to purge main.
- Crew #2 paving various locations on Skillin Road.

### Discussions & Observations

#### Crew #1:

##### Skillin Road

- Work Zone Closure: 1 lane closed on Skillin Road with flaggers maintaining alternating one way traffic. 1 lane closed on Route 100 with flaggers maintaining 2 way traffic.
- Crew excavated near the end of main at the intersection of Skillin and Blanchard and at the end of main on Route 100 near Castlerock Drive to purge main.
- Crew backfilled the excavated area with sand around the gas main and existing material. Backfill was compacted in lifts with a plate wacker and jumping jack.
- Crew did not install pipe. Therefore, no utilities were crossed.
- Crew cleaned worksite and traffic returned to normal by 1:30PM.

#### Crew #2:

##### B&S Paving

- Work Zone Closure: 1 lane closed on Skillin Road with flaggers maintaining alternating one way traffic.
- Crew removed approximately 120' of saw cut pavement at the longitudinal roadway trench near the large culvert.
- Edges of pavement were cleaned and tacked prior to placing 12.5mm HMA.
- Ambient air temperature at start of paving was approximately 63°F.
- Crew compacted gravel with a plated wacker and a 3 ton vibratory roller.
- Crew hand placed 12.5mm HMA in trench area.



- Crew placed 12.5mm HMA in the driveway trench in 3 lifts. Each lift was compacted with a plate wacker and a 3 ton vibratory roller.
- Crew then moved work area to pave the roadway crossing trench near #76.
- Crew removed the saw cut pavement and compacted the gravel with a plate wacker and 3 ton vibratory roller.
- Edges of the existing pavement were cleaned and tacked prior to placing 12.5mm HMA.
- Crew hand placed 12.5mm HMA in the trench area in 3 lifts. Each lift was compacted with a plate wacker and 3 ton vibratory roller.
- The roadway crossing trench was paved such that 1 lane was open allowing for passable traffic.
- Crew also paved the driveway apron near the roadway crossing which was removed during gas main installation and a section of roadway shoulder trench near utility pole #29.
- All loads of 12.5mm HMA conformed the the MaineDOT Standard Specification temperature range.
- Crew cleaned worksite and traffic returned to normal at approximately 3:00PM.

#### Upcoming Work

- To be determined.

#### 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												
SERVICES												

- (1) Gorrill Palmer must observe pavement during placement
- (2) Gorrill Palmer will observe restoration after completion

#### Visitors on Site

- None observed.

#### Concerns or Questions

- All gravel trenches within the roadway shall be monitored and repaired or treated for dust control as necessary.

#### 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 gravel trench with 3 ton vibratory roller.



Compacting 12.5mm HMA at roadway crossing trench.





Driveway apron replaced.



Backfilling excavated area after purging gas main.