

## 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: 40-55°F  
Time onsite: Multiple visits

GP Project No: 1636.87  
Visit Date: October 31, 2017  
Report Date: November 1, 2017

### Summit Natural Gas

Summit Personnel: rob  
Crew #1: ETTi – Foreman (Bandon) and 2 man crew  
Equipment: CAT mini excavator, dump truck

Crew#2: B&S Paving – Foreman (Rick) and 5 man crew  
Equipment: Volvo mini excavator, 2 dump truck, 3 ton roller

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 installing short side 1/2" gas service at #11 Pinewood Drive.
- Crew #2 paving multiple locations.

### Discussions & Observations

#### Crew #1:

#### 11 Pinewood Drive

- Work Zone Closure: Crestwood Road reduced to 1 lane with flaggers maintaining local traffic.
- Crew installed 1/2" gas service via automatic punch method at approximately 40" depth. Service for 11 Pinewood is off of Crestwood Road.
- Crew able to access gas main without removing pavement on Crestwood Road.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated.
- No Utilities crossed.
- Gas service is not parallel to any utilities therefore >6' of separation was achieved.
- Crew backfilled trench with sand around the gas main and excavated material. Backfill was compacted in lifts with a jumping jack.
- Crew cleaned worksite and traffic returned to normal by 1:00PM



**Crew #2:**

**B&S Paving**

- Work Zone Closure: All locations reduced to one lane with flaggers maintaining alternating one way traffic.
- Crew paved roadway crossing trenches at #80 and #88 Skillin Road and a driveway patch at #60 Skillin Road with 12.5mm HMA
- Crew hand built temporary curb tip down with 12.5mm HMA at #88 Skillin Road.
- Crew removed saw cut pavement at roadway crossing trenches and compacted gravel with a plate wacker and 3 ton roller.
- The gravel at the driveway patch was compacted with a plate wacker only due to its size.
- Edges of pavement were cleaned and tacked prior to placing 12.5mm HMA.
- Ambient air temperature at start of paving was approximately 51°F.
- Crew hand placed all HMA in trench areas.
- All loads of HMA conformed the the MaineDOT Standard Specification temperature range.
- HMA was placed in lifts. Each lift was compacted with a plate wacker and 3 ton roller.
- Crew cleaned worksite and traffic returned to normal at approximately 4:00PM.

**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
<b>MAINS</b>												
<b>SERVICES</b>												
11 Pinewood	1							X				

(1) Gorrill Palmer must observe pavement during placement

(2) Gorrill Palmer will observe restoration after completion



**Visitors on Site**

- None observed.

**Concerns or Questions**

- Castlerock drive will require moratorium repair.
- Ditch side slopes on Skillin Road require soft restoration as they were vegetated prior to gas main install.
- Drew Gagnon (Gorrill Palmer) reminded Summit about the moratorium restoration work for Balsam Drive being completed this year. Bryan Foster (Summit) indicated they would be in contact with Chris Bolduc from the Town.

**Follow up Required**

- None at this time.

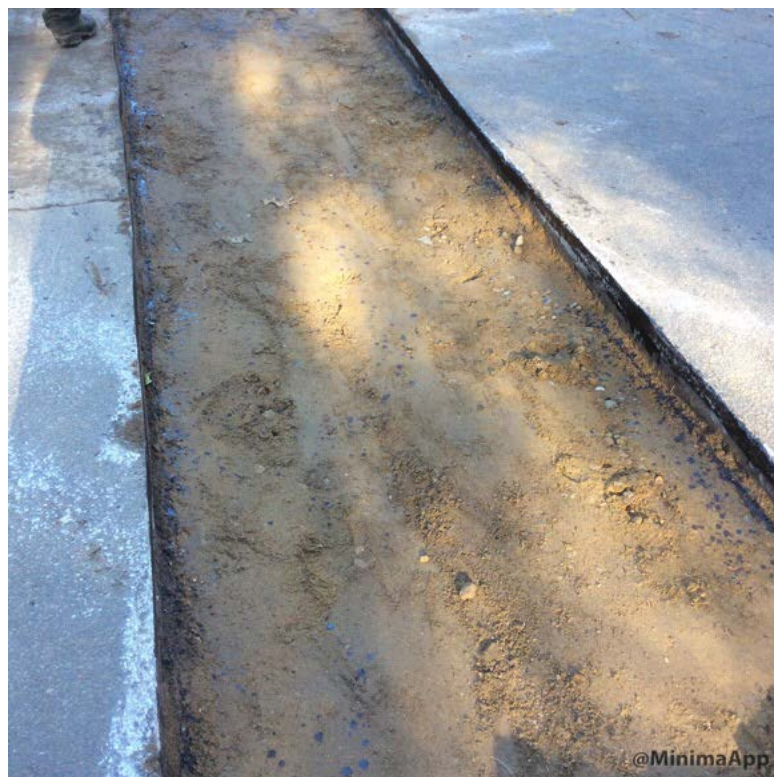
Prepared By: Benjamin Grondin, EI

Reviewed By: Drew Gagnon, EI

If there are any discrepancies, please notify the sender immediately



Compacting backfill with jumping jack at #11 Pinewood.



Gravel compacted and edges of pavement tacked.





Compacting 12.5mm HMA with plate wacker.



Hand built curb at #88 Skillin Road.