

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: 55-70°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: October 18, 2017
Report Date: October 19, 2017

Summit Natural Gas

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

Crew #2: B&S Paving – Foreman (Rick) and 6 man crew
Equipment: Volvo mini excavator, 2-dump truck

Distribution: File, Bill Shane, Chris Bolduc, Adam Theriault, Bryan Haberman, Bryan Foster, Bert Stefanic

Work in Progress – Town of Cumberland

- Crew #1 installing long side 1/2" gas service at #80 Skillin Road.
- Crew #2 paving on Castle Rock Drive, Gray Road, Main Street, Pinewood Drive, Meadow Lane, Wyman Way, and Foreside Road.

Discussions & Observations

Crew #1:

80 Skillin Road

- Work Zone Closure: Skillin Road reduced to one lane with flaggers maintaining alternating one way traffic.
- Crew sawcut and removed pavement for open trench method.
- Crew excavated trench from yesterday (10/17) for gas service installation at approximately 36" depth.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated.
- Depth of utilities is to top of pipe unless noted in the table below

Utility	Depth
16" water main	48"+

- Crew hand excavated 1' below the elevation of the gas service and did not locate the water main therefore >1' of separation would be achieved.
- Gas service is not parallel to any utilities therefore >6' of separation was achieved.
- Crew backfilled trench with excavated material and gravel. Backfill was compacted in lifts with a jumping jack.
- Cold patch was not used due to the size of the crossing trench. Gravel in trench shall be monitored and repaired as necessary.
- Crew cleaned worksite and traffic returned to normal by 5:15PM.



Crew #2:

B&S Paving

- Work Zone Closure: All locations reduced to one lane with flaggers maintaining alternating one way traffic.
- Crew paved sidewalks at Castle Rock Drive, Gray Road, Main Street, and Wyman Way with 9.5mm HMA.
- Crew paved longitudinal roadway trenches on Main Street, Wyman Way, Meadow Lane, Pinewood Drive, and Foreside Road (Deans Way) with 12.5mm HMA.
- Crew hand built temporary curb with 12.5mm HMA at Main Street, Pinewood Drive, and Foreside Road.
- Crew removed saw cut pavement at trenches and compacted gravel with a plate wacker.
- Edges of pavement were cleaned and tacked prior to placing 12.5mm HMA.
- Ambient air temperature at start of paving was approximately 52°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. Only the final lift was compacted with both a plate wacker and 3 ton vibratory roller.
- Crew cleaned worksite and traffic returned to normal at approximately 4:00PM.

Upcoming Work

- Gas service at Skillin Road (10/19).

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
MAINS												
SERVICES												
80 Skillin	I	X						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

- All gravel trenches within the roadway shall be monitored and repaired or treated for dust control as necessary.
- Castlerock drive will require moratorium repair.
- Ditch side slopes on Skillin Road require soft restoration as they were vegetated prior to gas main install.
- Notify GP when moratorium restoration at Balsam Drive will occur.

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 for sidewalk trench.



Compacting 12.5mm HMA on Main Street with 3 ton roller.



Open trench at 88 Skillin Road.



Roadway crossing trench backfilled and compacted on Skillin Road.