

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: November 1, 2017
Report Date: November 2, 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

Work in Progress – Town of Cumberland

- Crew #1 installing short side 1" gas service at #115A Blackstrap Road (West Cumberland Fire Station).
- Crew #2 paving trenches in multiple locations.

Discussions & Observations

Crew #1:

115A Blackstrap Road

- Work Zone Closure: crew able to access gas main for 1" service installation without any lane closures.
- Crew installed 1" gas service via open trench method at approximately 40" depth.
- Crew sawcut and removed sidewalk pavement for gas service installation.
- 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
Stormdrain	4'10"

- Crew achieved >1' or separation at the stormdrain crossing.
- 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.
- Cold patch was not used for the sidewalk crossing since it was not available at the time of backfill.
- 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 longitudinal roadway trench at Copp Motors, 194 Gray Road, and the pothole in Roster Ridge with 12.5mm HMA.
- Crew removed saw cut pavement at Copp Motors and 194 Gray Road and compacted gravel with a plate wacker.
- BG was not with the paving crew at the time of paving of the pothole at Rooster Ridge. It did not appear the pothole area had been cutback. Trench and pothole will require restoration at a later date.
- 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 to 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 1:00PM

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)	Mortarium Roadway Restoration (1)	Comments
MAINS												
SERVICES												
115A Blackstrap	1				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

- Pothole patch at Roster Ridge to be monitored.

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



Open trench at 115A Blackstrap Road.



Compacting backfill with jumping jack.



Compacting 12.5mm HMA with roller at Copp Motors



Compacting longitudinal patch at 194 Gray Road with plate wacker.