

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: 70-80°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: August 17, 2017
Report Date: August 18, 2017

Summit Natural Gas

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

Crew #2: B&S Paving – Foreman (Rick) and 11 man crew
Equipment: Volvo mini excavator, 3 dump trucks, 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 4" gas main in the east bound shoulder on Skillin Road near Kathy Lane.
- Crew #2 paving trenches in southbound shoulder on Rt. 100.

Discussions & Observations

Crew #1:

Skillin Road

- Work Zone Closure: 1 lane closed on Skillin Road with flaggers maintaining alternating one way traffic.
- Crew installed approximately 70' of 4" gas main from the existing trench on Skillin Road from near Kathy Lane to near Tammy Lane at approximately 40" depth.
- 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
Water service #12	4'4"+
16" water main	4'4"+

- Crew achieved >1' of separation on all utility crossings.
- >3' of parallel separation was achieved between the gas main and 6" underdrain in the westbound shoulder of Skillin Road.
- Crew backfilled trench with sand around the gas main and service, with excavated material above the sand. Backfill was compacted in lifts with a plate wacker.
- Cold patch was placed in the roadway crossing trench near Kathy Lane only. Cold patch was compacted with a plate wacker.
- Crew cleaned worksite and traffic returned to normal by 4:30PM.



Crew #2

B&S Paving

- Work Zone Closure: 1 lane closed on Route 100 with flaggers maintaining alternating one way traffic. Due to the proximity to the intersection of Rt. 100, Blackstrap, and Skillin, the intersection was maintained as a four way stop.
- Crew completed trench paving at the roadway crossing at Highland Ave, the driveway crossing at D.J. Small Plumbing, and the roadway shoulder trench in the southbound lane on route 100.
- Crew removed saw cut pavement 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 63°F.
- Crew hand placed 12.5mm HMA in trench area.
- All loads of 12.5mm HMA conformed the the MaineDOT Standard Specification temperature range.
- Crew placed 12.5mm HMA in lifts with each lift compacted with a plate wacker. The final lift was compacted with a plate wacker and 3 ton vibratory roller.
- Crew cleaned worksite and traffic returned to normal at approximately 3:15PM.

Upcoming Work

- B&S indicated they would return mid next week.
- 4" gas main installation on Skillin Road to continue Monday (8/21)

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
MAINS												
Skillin	70'	X		X				X				
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

- The roadway trench on Skillin Road is in the travel lane. Dust generated by traffic is a concern and will be monitored.

Follow up Required

- GP has reviewed the 2 Balsam Dr trenches with the Town. The trench will need to be restored with moratorium repair which will include a mill and overlay 20ft on either side of the trench, full roadway width. The curb will need to be included as part of the full roadway mill and overlay.

Prepared By: Benjamin Grondin, EI

Reviewed By: Drew Gagnon, EI

If there are any discrepancies, please notify the sender immediately



Backfill compacted in gas main trench



Crew placing backfill in roadway trench



Compacting 12.5mm HMA with 3 ton roller



Cold patch in roadway crossing trench