

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: 75-85°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: August 23, 2017
Report Date: August 24, 2017

Summit Natural Gas

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

Crew #1: Bard Paving Construction – Foreman (Blaine), 7 man crew, 2 flaggers (sub)
Equipment: 1 – CAT skid steer with grinding machine, 3 dump truck, 5 ton roller, various hand tools

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 Tammy Lane.

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 310' of 4" gas main from the existing trench on Skillin Road from near house number 20 to near house number 24 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
6" underdrain	2'2"
1" water service #22	5'6"+

- Crew achieved >1' of separation when 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, with excavated material above the sand. Backfill was compacted in lifts with a plate wacker.
- Sean Watson (MPUC) was onsite conducting general observations of gas main install by ETTi.
- Crew cleaned worksite and traffic returned to normal by 4:30PM.



Crew #2

Bard Paving Construction

- Crew paved sidewalk trench on Winterberry Ct.
- Crew used mix from Yarmouth restoration. Mix was 9.5mm HMA and measured to be 283°F.
- Sidewalk trench shall be monitored to determine if further restoration is required.

Upcoming Work

- 4" gas main installation on Skillin Road to continue Thursday (8/24)

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 Road	310'		X	X				X				Replace curb #22 driveway #24 driveway
SERVICES												

(1) Gorrill Palmer must observe pavement during placement

(2) Gorrill Palmer will observe restoration after completion

Visitors on Site

- 11:45PM – 12:30PM – Sean Watson (MPUC)

Concerns or Questions

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



Gas main crossing under 6" underdrain.



Roadway trench with second lift of backfill and warning tape.



Sidewalk patch on Winterbury Court