

FIELD OBSERVATION REPORT

Project: Gas Main – Cumberland-Falmouth-Yarmouth
Client: Towns of Cumberland, Falmouth and Yarmouth
GP Field Rep: Benjamin Grondin (BG)
Weather: Cloudy turning sunny
Temp. Range: 70-80°F
Time onsite: Multiple visits

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

Summit Natural Gas

Crew #1: ETTi – Foreman (Nolan) and 4 man crew
Equipment: CAT mini excavator, Ditchwitch drill, Ditchwitch vacuum, 1 dump truck

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

Work in Progress – Town of Cumberland

- Installing 4" gas main in southbound shoulder of Route 100.

Discussions & Observations

Crew #1:

Route 100

- Work Zone Closure: One lane closed on Route 100 with flaggers maintaining one way traffic.
- Crew continued to drill from where they left off on Thursday (7/13). Crew achieved an additional 210' in the direction of the Cumberland House of Pizza totaling 510'. Crew then pulled pipe back to near CMP pole 3.1 to fuse the pipe connection.
- 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
4" gas main	No pipe installed
1" water service #148	5'6"
1" water service #150	5'5"
1" water service #156	5'3"
1" water service undeveloped land	5'

- Crew backfilled trench and potholes with sand around the gas main and gravel. Backfill was compacted in lifts with a jumping jack.
- BG noted some areas of pavement damaged by the drill machine. The damaged pavement in the travel way was sawcut to be replaced during paving. The damaged pavement in the paved swale shall be reviewed by GP and the town to determine if it should be replaced due to the existing condition of the paved swale.
- Trenches and potholes were left gravel due to their size and location.
- Crew clean worksite and traffic returned to normal at approximately 6:00 PM.



Upcoming Work

- Continue main install on Route 100 Tuesday (6/18)

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												
Route 100	500'			X		X		X				Pothole in #136 driveway

(1) Gorrill Palmer must observe pavement during placement

(2) Gorrill Palmer will observe restoration after completion

Visitors on Site

None

Concerns or Questions

None at this time.

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



Damaged pavement in paved swale area from drill machine near CMP pole 3.I.



Damaged pavement in travel way from drill machine near CMP pole 3.I.



Compacting backfill with jumping jack.



Compacting final lift of backfill with jumping jack