

FIELD OBSERVATION REPORT

Project: Gas Main – Cumberland-Falmouth-Yarmouth
Client: Towns of Cumberland, Falmouth and Yarmouth
GP Field Rep: Drew Gagnon (DG), David Vitali (DV)
Weather: Sunny
Temp. Range: 70-80°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: July 7, 2017
Report Date: July 7, 2017

Summit Natural Gas

Crew #1: ETTi – Foreman (Nolan) and 4man 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 on Route 100 north of Castlerock Drive.

Discussions & Observations

Route 100

- Work Zone Closure: One lane closed on Route 100 with flaggers maintaining two way traffic.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated.
- Crew installed approximately 510' of 4" gas main at approximately 4' depth by drill and open trench method north of Rooster Ridge.
- Crew installed 510' of 4" gas main by drilling method.
- Depth of utilities are to top of pipe unless noted in table below.

Utility	Depth
4" gas main	4'
1" water service	7'2"
Conc. storm drain near #130	51" (to bottom)
1" service to #130	6'4

- Crew achieved >1' separation from existing utilities on all crossings. Crew also maintain >6' separation from existing parallel utilities. Gas main goes under the storm drain at approximately 6'8" then above the water service.
- Crew backfilled trench with sand around the gas main and service, with excavated material above the sand. Existing material was used as backfill. Backfill was compacted in lifts with a jumping jack.
- Crew clean worksite and traffic returned to normal at approximately 6:00 PM.

Upcoming Work

- Continue main install on Route 100 (7/10)



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	510'							X				

(1) Gorrill Palmer must observe pavement during placement

(2) Gorrill Palmer will observe restoration after completion

Visitors on Site

None

Concerns or Questions

- Rooster Ridge driveway apron damage.

Follow up Required

- Monitor 306 Tuttle Rd trench.

Prepared By: Drew Gagnon, EI

Reviewed By: Drew Gagnon, EI

If there are any discrepancies, please notify the sender immediately



Trench excavated off roadway of Route 100



Trench and compactor awaiting backfill off Route 100