

FIELD OBSERVATION REPORT

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

GP Project No: 1636.87
Visit Date: July 26, 2017
Report Date: July 27, 2017

Summit Natural Gas

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

Crew #2: ETTi – Foreman (Brandon) and 3 man crew
Equipment: CAT mini excavator, Ditchwitch vacuum, 1 ton dump truck

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 at the intersection of Skillin, Blackstrap, and Route 100.
- Crew #2 installing long side 1/2" gas service at 2 Balsam Drive.

Discussions & Observations

Crew #1:

Route 100

- Work Zone Closure: One lane closed on Blackstrap Road and Skillin Road with flaggers maintaining the intersection as a four way stop.
- DG reminded Summit to be cautious of traffic delays on Route 100 during morning commute. During site visit at approximately 7:45 AM traffic appeared to be flowing adequately.
- Crew installed approximately 450' from near Copp Motors on Skillin Road to near the "Fire Danger" sign at the Fire Station on Blackstrap Road.
- 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
12" water main (Blackstrap)	6'7"
12" stormdrain (Blackstrap)	5'4"
2" water service to 176 gray road (Blackstrap)	6'7"
Water service to fire station (Blackstrap)	6'6"
Water service to fire station (Blackstrap)	5'9"
Stormdrain near fire station (Blackstrap)	4'4"
16" water main (Rt. 100)	6'6"



12" Stormdrain (Skillin)	4'2"
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- Crew backfilled trenches and potholes with sand around the gas main and gravel. Backfill was compacted in lifts with a jumping jack.
- Trenches and potholes were left gravel due to their size and location.
- Crew clean worksite and traffic returned to normal at approximately 3:00 PM.

Crew 2:

2 Balsam Drive

- Work Zone Closure: 1 lane closed on Balsam Drive with flaggers maintaining alternating one way traffic.
- Crew installing 1/2" gas service by open trench and automatic punch method. Crew installed 1/2" gas service from 2 Balsam Drive to the edge of roadway. Crew did not cross roadway.
- 1/2" service was installed at approximately 3' depth.
- Brandon indicated he received permission to pothole the roadway to locate the water main and sewer. Crew did not pot hole in roadway.
- 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 Crossing	Depth
Gas Main	5'4"
Water Main	Did not cross
Sewer	Did not cross

- Balsam Drive Roadway and curb was damaged by the excavator tracks. GP to review with town to determine if a corrective action should be taken.
- Crew backfilled trench with sand around the gas main and service, with excavated material above the sand. Backfill was compacted in lifts with jumping jack.
- Crew cleaned work area and traffic returned to normal by 5:00 PM

Upcoming Work

- Service installation tomorrow (7/27) at 174 Bruce Hill Road.

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												
Route 100	450'			X		X		X				



SERVICES												
2 Balsam Dr	I							X				Service not complete

(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

GP to review condition of Balsam Drive with the Town of Cumberland.

Prepared By: Benjamin Grondin, EI

Reviewed By: Drew Gagnon, EI

If there are any discrepancies, please notify the sender immediately



Trench backfilled on Skillin Road



Curb damaged by excavator tracks



Roadway damaged by excavator tracks



Compacting backfill with jumping jack