

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: 50-65°F
Time onsite: Multiple visits

GP Project No: 1636.87
Visit Date: September 28, 2017
Report Date: October 2, 2017

Summit Natural Gas

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

Crew #3: ETTi – Foreman (Matt M.) and 3 man crew
Equipment: CAT mini excavator, 1 ton dump truck, directional drill, ditchwitch vacuum

Crew#3: B&S Paving – Foreman (Rick) and 7 man crew
Equipment: Volvo mini excavator, 3 dump truck, 3 ton vibratory roller

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

Work in Progress – Town of Cumberland

- Crew #1 installing 1/2" gas service on Castlerock Drive.
- Crew #2 installing 2" gas main in woods near Dean's Way.
- Crew #3 paving trenches on Skillin Road.

Discussions & Observations

Crew #1:

Castlerock Drive

- Work Zone Closure: 1 lane closed on Castlerock Drive with flaggers maintaining alternating one way traffic.
- Crew installed shortside 1/2" gas service to #3 Castlerock Drive at approximately 34" depth via open trench method.
- Crew removed a section of sidewalk for 1/2" gas service installation.
- All utilities located via manhole inverts, camera, electronic locator, or hand excavated.
- Crew did not cross any existing public utilities.
- Crew backfilled trench with sand around the gas main, with excavated material above the sand. Backfill was compacted in lifts with a jumping jack.
- Crew cleaned worksite and traffic returned to normal by 4:00PM.

Crew #2:

Deans Way

- Work Zone Closure: 1 lane closed on Route 88 with flaggers maintaining alternating one way traffic.



- Crew installed approximately 20' of 2" gas main within the right of way at approximately 40" depth via directional drill method.
- Crew excavated in the vegetated area behind the curb on the northbound lane side. No pavement was removed for gas main installation.
- Crew did not cross any existing public utilities during gas main installation.
- Crew did not achieve >6' of separation from the sewer main for the 20' of 2" gas main in the right of way. Separation was not achieved due to a stone wall in the area.
- Crew backfilled trench with sand around the gas main and excavated material above the sand layer. Backfill was compacted in lifts with a jumping jack.
- Crew cleaned worksite and traffic returned to normal by 5:00PM

Crew #3:

B&S Paving

- Work Zone Closure: 1 lane closed on Skillin Road with flaggers maintaining alternating one way traffic.
- Crew removed saw cut pavement at the paved roadway shoulder section near the large culvert and house #60 and compacted gravel with a plate wacker and 3 ton vibratory roller.
- 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 to the MaineDOT Standard Specification temperature range.
- The paved roadway shoulder trench near the large culvert was placed in 3 lifts with each lift being compacted with both a plate wacker and 3 ton vibratory roller.
- Crew cleaned worksite and traffic returned to normal at approximately 3:30PM

Upcoming Work

- 2" gas main installation on Castlerock Drive to continue on Monday (10/2)

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												
Dean's Way	20'							X				
SERVICES												
#3 Castlerock	1				X			X				

(1) Gorrill Palmer must observe pavement during placement

(2) Gorrill Palmer will observe restoration after completion



Visitors on Site

- None observed.

Concerns or Questions

- All gravel trenches within the roadway shall be monitored and repaired or treated for dust control as necessary.

Follow up Required

- None at this time.

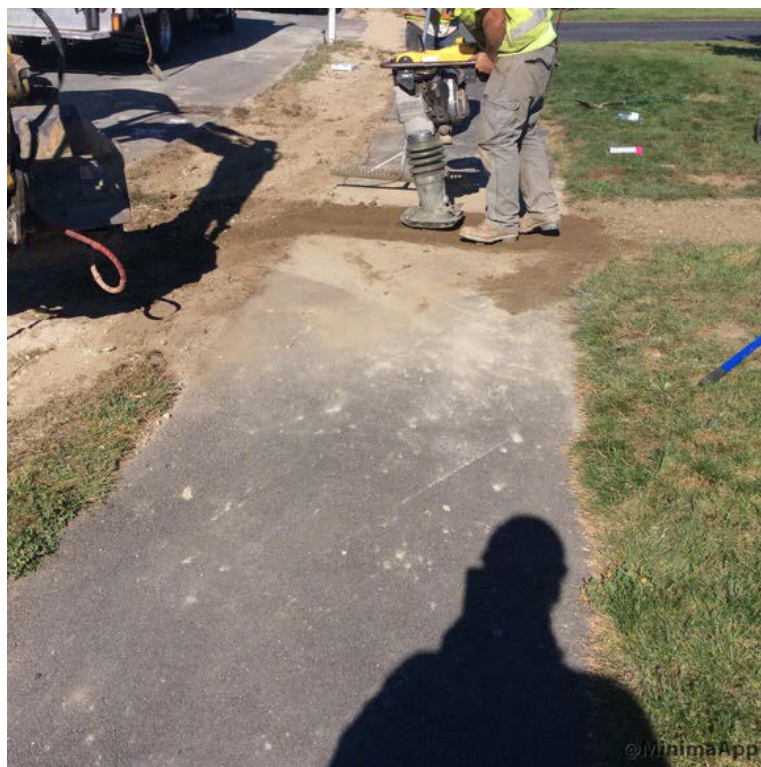
Prepared By: Benjamin Grondin, EI

Reviewed By: Drew Gagnon, EI

If there are any discrepancies, please notify the sender immediately



Compacting first lift of 12.5mm HMA with plate wacker.



Compacting backfill with jumping jack on Castlerock Drive.



Compacting backfill with jumping jack near Deans Way.



Completed roadway shoulder trench patch on Skillin Road.