

DAILY CONSTRUCTION REPORT

Date: Tuesday, 10-10-2017
(Day 118)

PROJECT: Middle Road Improvements
CLIENT: Town of Cumberland
CONTRACTOR: Storey Brothers
PROJECT MANAGER: Dan Diffin, P.E.

WEATHER: AM: sunny, clear PM: High clouds
TEMP: AM: Low 60's PM: Mid 70's
WIND: Calm to light
HUMIDITY: AM: Humid PM: less humid

FIELD FORCE

Name of Contractor	Supervisor	Non-Supervisor	Remarks
Storey Brothers	1	3	Support gas main work. Install driveway culverts
Summit Natural Gas	1	5	Welding and installing gas main
Northeast Security		3	Flaggers for Storey Bros. work zone (incl. breaker)
Construction Services & Irrigation	1	0	Dave Bernard, PWD Inspector
ICON Connections, Inc.	1	1	Transferring upper comm. line for Spectrum

VISITORS

Time	Name	Representing	Remarks
1 PM	Sean Watson, Gas Pipeline Safety Inspector	Maine PUC	Routine natural gas installation inspection

EQUIPMENT

4 Excavators (3 active & 1 idle) – CAT 316F (used to excavate/backfill gas main), CAT 315C (used to place bedding sand for gas main), CAT 330D (w/hoe ram), & CAT 325F (idle)
2 Loaders – CAT 930H (with side dump bucket), CAT 930M (with lifting forks for moving materials)
2 Dozers – Deere 550H (idle - dozing top of backfill), CAT D5K2 (idle – road dozing)
1 Smooth Drum Roller – Volvo 540 (idle - upper trench compaction), Ingersoll IR-116D (idle - road compaction)

TODAY'S CONSTRUCTION ACTIVITIES

Storey Brothers and Summit installed 160 linear feet of 4-inch natural gas main from where they left off yesterday to complete the gap in the natural gas main installation skipped earlier due to ledge in front of 58 Middle Road.
With the natural gas main installed now continuous, Storey Brothers and Summit resumed the installation of gas main from where they left off at STA 27+40 (in front of 54 Middle Road) installing 380 linear feet to STA 23+60 (north of the driveway for 44 Middle Road).
Storey Bros. placed heavy rip rap for the extension of the outfall of the 24-inch culvert at STA 29+45 (at 31 Middle Rd).
Storey Brothers used the hoe ram to remove some open ledge between the culverts along drainage easement just south of the driveway of 55 Middle Road.
PWD Inspector re-chlorinated entire length of the water main

TOMORROW'S ANTICIPATED CONSTRUCTION ACTIVITIES

Continue to install natural gas main southward towards Evergreen Lane.
Dechlorinate water main extension and draw samples for testing.

QUALITY ASSURANCE

SME on-site to oversee progress, facilitate communications, and inspect erosion control measures.

DISTRIBUTION:

- 1 SME
- 2 Town of Cumberland
- 3 Storey Brothers, Inc.
- 4 Summit Natural Gas
- 5 Spectrum Communications

BY: James C. Manzer, P.E., PTOE TITLE: Field Engineer

SEVEE & MAHER ENGINEERS, INC.
CONSTRUCTION PHOTOS
October 10, 2017



Initial excavation to complete the 160-foot gap in the natural gas main installation skipped earlier due to ledge near 58 Middle Road.



To maintain access to the driveway two steel plates were placed over the gas main trench.

SEVEE & MAHER ENGINEERS, INC.
CONSTRUCTION PHOTOS
October 10, 2017



After the gap in the gas main installation was installed, the crew resumed where the installation has previously stopped at STA 24+40 (just south of Range Way). The jog in the alignment of the gas main trench is due to the retention of the 12-inch underdrain in front of 54 Middle Road.



Here at the drainage easement between 53 & 55 Middle Road the hoe ram attachment to the excavator was used to better direct drainage to the culvert inlet.