

**DAILY CONSTRUCTION REPORT**

Date: Friday, 10-13-2017  
(Day 121)

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

**WEATHER:** Sunny, Clear  
**TEMP:** AM: upper 40's PM: Low 60's  
**WIND:** Calm to light  
**HUMIDITY:** Dry

**FIELD FORCE**

Name of Contractor	Supervisor	Non-Supervisor	Remarks
Storey Brothers	1	3	Install underdrain
Summit Natural Gas	1	4	Testing/charging rest of gas main. Install service.
Northeast Security		3	Flaggers for Storey Bros. work zone (incl. breaker)

**VISITORS**

Time	Name	Representing	Remarks

**EQUIPMENT**

4 Excavators (2 active & 2 idle) – CAT 316F (excavate/backfill trenches), CAT 315C (place sand bedding), CAT 330D (idle - w/hoe ram), & CAT 325F (idle)
2 Loaders – CAT 930H (with side dump bucket), CAT 930M (with lifting forks for moving materials)
2 Dozers – CAT D5K2 (road dozing over underdrain), Deere 550H (idle),
1 Smooth Drum Roller – Ingersoll IR-116D (compaction over underdrain), Volvo 540 (idle)
1 Mini-Excavator (rented by Summit to install gas service lines)

**TODAY'S CONSTRUCTION ACTIVITIES**

Storey Brothers installed 6-inch underdrain starting from STA 35+50 (southern edge of #72 driveway) southward to STA 29+60. A total of 620 LF installed to STA 29+50 (inlet to existing 24-inch culvert between 56 & 58 Middle Road).
Summit brought remaining length of installed gas main on-line. A total of about 6,960 feet or (83% of road) in operation.
Summit installed services in "completed part" of project.

**TOMORROW'S ANTICIPATED CONSTRUCTION ACTIVITIES**

Resume box cutting and base gravel placement in "box cut gap" from STA 39+00 (#78 Middle Road. driveway) southward.

**QUALITY ASSURANCE**

SME on-site to oversee progress, facilitate communications, and inspect erosion control measures.
Water sample from southern most hydrant did not pass. All other hydrants along the extension did pass.

**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 13, 2017



Photo 1 – Crew began the day installing 6-inch underdrain from STA 35+50 (south of #72 driveway) southward.



Photo 2 – While installing underdrain the crew also replaced driveway culverts along the route. Above is the inlet of the driveway culvert for 70 Middle Road. Across the road is the stump of the large oak tree next to Pole #307 in front of 67 Middle Road.



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Photo 3 – Summit in front of 72 Middle Road (STA 36+00) preparing to bring the rest of the installed gas main online southward to 31 Middle Road (STA 14+00).



Photo 4 – View looking south depicting the underdrain installation process. The excavator in the background excavates the trench to the proper grade. A second excavator places bedding stone from the dump truck as the pipe is installed followed by stone above the pipe. Gravel from dump trucks is then dropped by the edge of the road and placed by the dozer.