

DAILY CONSTRUCTION REPORT

Date: Monday, 10-09-2017
(Day 117)

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

WEATHER: AM: Drizzle PM: Light Rain
TEMP: Mid 60's
WIND: Calm to light
HUMIDITY: Damp

FIELD FORCE

Name of Contractor	Supervisor	Non-Supervisor	Remarks
Storey Brothers	1	3	Support gas main work. Install driveway culverts
Summit Natural Gas	1	2	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

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT

4 Excavators (2 active & 2 idle) – CAT 316F (used to excavate/backfill gas main), CAT 315C (used to place bedding sand for gas main), CAT 330D (idle - equipped 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 240 linear feet of 4-inch natural gas main to STA 32+20 (just south of driveway for 62 Middle Road.
Storey Brothers then shaped drainage swale over the gas main and installed driveway culverts at 70 Middle Road (36 LF) and 62 Middle Road (30 LF).
PWD Inspector flushed water main at Evergreen Lane hydrant and temporary 2-inch blow off just north of Evergreen Lane then pressure tested remaining water main extension. Entire extension has passed pressure testing.

TOMORROW'S ANTICIPATED CONSTRUCTION ACTIVITIES

Continue installing natural gas main and along the west side of the road in a southerly direction from today's end point.
Re-chlorinate entire water main extension.

QUALITY ASSURANCE

SME on-site to oversee progress, facilitate communications, and inspect erosion control measures.
SME coordinated with PWD Inspector to redirect outlet of hose used to flush Evergreen Lane hydrant to prevent sediment transport into stream at STA 17+00.

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 9, 2017



Initial excavation to extend the natural gas main further southward from 70 Middle Road.



By mid-afternoon the crew was backfilling gas trench using 2 excavators to place sand over the gas main (in the background) followed by second excavator backfilling to grade for drainage swale with native material.

SEVEE & MAHER ENGINEERS, INC.
CONSTRUCTION PHOTOS
October 9, 2017



Flow through the stream bed along the retaining wall to the inlet of the new 42-inch culvert. Flow is from flushing of the hydrant at Evergreen Lane and about ½ inch of rain.



End point of 240 feet of gas main installation (4x4 post at STA 32+20). Afterwards, crew shaped drainage swales, installed culverts under the 2 affected driveways and re-positioned mailboxes in the work area.