

**DAILY CONSTRUCTION REPORT**Date: Friday, 09-29-2017  
(Day 111)

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

**WEATHER:** Sunny, Clear  
**TEMP:** AM: 50's PM: upper 60's  
**WIND:** Light Breeze  
**HUMIDITY:** Crisp

**FIELD FORCE**

Name of Contractor	Supervisor	Non-Supervisor	Remarks
Storey Brothers	1	4	Set 42-inch culvert at STA 17+00
McGoldrick Brothers	1	2	Blasting for natural gas line
Northeast Security		3	Flaggers for waterline and blasting work
ICON Connections	1	3 (incl. 2 Flaggers)	Transfer comm. wires to new poles for Spectrum
Summit Natural Gas		2	Install section of gas main under culvert

**VISITORS**

Time	Name	Representing	Remarks

**EQUIPMENT**

2 Excavators – CAT 330D (excavating for waterline), CAT 315C (supporting blasting), CAT 325F (idle)
2 Loaders – CAT 930H (with side dump bucket for backfilling crushed stone), CAT 930M (with lifting forks)
2 Dozers – Deere 550H (dozing top of backfill), CAT D5K2 (idle)
1 Smooth Drum Roller – Volvo 540 (compaction over culvert and gas main)
1 Percussion Rock Drill – ROC D3 (McGoldrick)

**TODAY'S CONSTRUCTION ACTIVITIES**

Storey Bros. installed 50 LF of 42-inch HDPE culvert at STA 17+00 and rip rap at outlet.
Summit welded together 80 LF section of 4-inch natural gas main and installed in under the culvert inlet at 17+00.
McGoldrick blasted for gas main on west side of road in front of 44 Middle Road then moved to 70 Middle Road.
Spectrum Communications Contractor on-site transferring wires at various poles north of the work zone.

**TOMORROW'S ANTICIPATED CONSTRUCTION ACTIVITIES**

Install retaining wall surrounding inlet side of culvert.
Blast ledge for natural gas main.
Continue transferring communications wires onto the new poles.

**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 Central Maine Power

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

SEVEE & MAHER ENGINEERS, INC.  
CONSTRUCTION PHOTOS  
September 29, 2017



Placing the outlet section of culvert on compacted crushed stone bedding in the morning.



Installing 80-foot section of natural gas main under the culvert before installing the final section on the inlet side in the late afternoon.

SEVEE & MAHER ENGINEERS, INC.  
CONSTRUCTION PHOTOS  
September 29, 2017



View of natural gas installation in sand bedding from the south with the warning tape above the pipe before installing the inlet section of the culvert.



Transfer of communication lines onto new poles continuing north of the active work zone. This location is at Pole #311 at STA 40+12 in front of 80 Middle Road.