

DAILY CONSTRUCTION REPORT

Date: Tuesday, 09-26-2017
(Day 108)

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

WEATHER: Sunny, slightly hazy
TEMP: Low 80's
WIND: Light Breeze
HUMIDITY: Humid but dry digging, dusty

FIELD FORCE

Name of Contractor	Supervisor	Non-Supervisor	Remarks
Storey Brothers	1	4	Installing 12-inch ductile iron water main extension and support blasting
McGoldrick Brothers	1	2	Blasting water main trench
Northeast Security		3	Flaggers for waterline and blasting work
Construction Services & Irrigation	1		Dave Bernard, PWD Inspector

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT

3 Excavators – CAT 330D (excavating for waterline), CAT 325F (backfilling waterline), CAT 315C (supporting blasting),
2 Loaders – CAT 930H (with side dump bucket for backfilling sand), CAT 930M (with lifting forks to transfer materials)
2 Dozer – CAT D5K2 (dozing top of backfill over water main), Deere 550H (idle)
1 Smooth Drum Roller – Volvo 540 (shoulder compaction over waterline).
1 Percussion Rock Drill – ROC D3 (McGoldrick)

TODAY'S CONSTRUCTION ACTIVITIES

McGoldrick resumed drilling & blasting for water main extension further south from STA 15+75 (just south of northern driveway for 31 Middle Road) to STA 13+00 (75 feet north of driveway for 27 Middle Road). This will be the southern extent of blasting for the water main for the season.
Storey Brothers continued to install water main extension from STA 22+69 (45 Middle Road driveway) southerly to STA 19+73 (across from 38 Middle Road Driveway). From a pipe stationing stand point the installation was from STA 26+57 to STA 29+53 totaling 296 LF.
Results from 4 th round of water tests on Monday yielded a failed test from the hydrant at STA 27+00 (54 Middle Road).

TOMORROW'S ANTICIPATED CONSTRUCTION ACTIVITIES

Continue installation of water main extension southward from STA 19+73 to pass the culvert at 17+00 and start culvert replacement.
Wrap up blasting for services and hydrant crossing near Evergreen Lane.

QUALITY ASSURANCE

SME on-site to oversee progress, facilitate communications, and inspect erosion control measures.
Noted need for erosion protection with Contractor such as Inlet protection needed at culverts and berms needed along stream. No rain predicted in the next 7 days.

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



Guiding the 3rd 18-foot section of ductile iron water main pipe into the "bell end" of the previously installed section.



Assembled section of main line gate valve and 6-inch tee for hydrant to be installed at STA 15+30 along Evergreen Lane.

SEVEE & MAHER ENGINEERS, INC.
CONSTRUCTION PHOTOS
September 26, 2017



Southern extent of basting for the season at STA 13+00 just after the blasting mats were removed.



Example of blasted ledge along the side of the road not yet trucked away.