



Sevee & Maher Engineers, Inc.

ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

SEVEE & MAHER ENGINEERS, INC

## DAILY CONSTRUCTION REPORT

Date: Wednesday, 06-21-2017  
(Day 45)

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

**WEATHER:** Mostly Sunny  
**TEMP:** Upper 70's  
**WIND:** Windy  
**HUMIDITY:** Dry

### FIELD FORCE

Name of Contractor	Supervisor	Non-Supervisor	Remarks
Storey Brothers	1	3	Excavating road and placing new gravel
Summit Natural Gas		3	Installing sleeves for new services
Ace Security		3 Flaggers	1 Flagger at each end of work zone plus "Breaker".

### VISITORS

Time	Name	Representing	Remarks

### EQUIPMENT

1-Excavator – CAT 290D (removing gravel and placing new gravel) and CAT 316F (idle)
1 Loader - Cat 930H (miscellaneous tasks)
1 Roller – Ingersoll SD116DX (used to compact gravel before opening to traffic)
2 Dozers – CAT D5k2 (used for placement and initial grading & compaction of gravel) and Deere 700H (idle)
1 Mini Excavator – Case CX326B (rented by Summit for cross trenching of services)
1 Backhoe – Case 580N (rented by Summit equipped with hoe ram for ledge removal in gas service cross trench)

### CONSTRUCTION ACTIVITIES

Resumed excavation of existing gravel on west side of road (southbound lane) at STA 69+25 (in front of Butterworth Farm) working in a southerly direction to STA 65+25 (just north of driveway for 126 Middle Road).
Placed geotextile reinforcing fabric on undisturbed subgrade prior to placing new base gravel (MaineDOT Type D) with dozer and compacted with roller.
At STA 65+25 the operation switched to the east side of the road (northbound lane) and resumed progress in a northerly direction back to starting station at STA 69+25 (in front of Northrop property at 137 Middle Road).
Before opening the road to 2-way traffic at the end of the day, a 2-inch layer of reclaimed pavement millings was placed over the Type D gravel, compacted into place with a roller and then treated with calcium chloride via a landscaping spreader to mitigate dust.
Installed approximately 400 linear feet of road for the day. Total after 5 days of 1,825 linear feet.

### QUALITY ASSURANCE

SME on-site to oversee progress, facilitate communications, and inspect erosion control measures.
Visual inspection of native subgrade indicated a relatively dry silty clay.

### DISTRIBUTION:

- 1 SME
- 2 Town of Cumberland
- 3 Storey Brothers, Inc.
- 4 Summit Natural Gas
- 5 Central Maine Power

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BY: Jim Manzer, P.E., PTOE TITLE: Project Engineer

SEVEE & MAHER ENGINEERS, INC.  
CONSTRUCTION PHOTOS  
June 21, 2017



Started day at 69+25 in foreground. Reconstructed southbound lane on right.



View of at end of southerly progress on the southbound lane before resuming reconstruction on the northbound lane in a northerly direction. Crew opened road to 2-way traffic during lunch.