

**DAILY CONSTRUCTION REPORT**

Date: Wednesday, 06-14-2017  
(Day 39)

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

**WEATHER:** Sunny, Slightly Hazy  
**TEMP:** Mid 70's  
**WIND:** Light  
**HUMIDITY:** Moderate

**FIELD FORCE**

Name of Contractor	Supervisor	Non-Supervisor	Remarks
Storey Brothers	1	3	Excavating road in placing new gravel
Summit Natural Gas	1	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**

Excavators – CAT 316F (removing gravel and placing new gravel) & CAT 330D (idle)
1 Loader - Cat 930H (to move/place material)
2 Rollers – Ingersoll SD116DX (used to compact gravel before opening to traffic) & Volvo 540 (idle)
1 Dozer – CAT D5k2 (used for placement and initial grading of gravel)
1 Mini Excavator – Case CX326B (used by Summit for cross trenching of services)
1 Backhoe – Case 580N (equipped with hoe ram for ledge removal in gas service cross trench.

**CONSTRUCTION ACTIVITIES**

Instead of starting at the northern terminus of the project at Tuttle Road, work started at a particularly soft section of exposed gravel between Pole #335 and Pole#338.
Started excavation existing gravel on west side of road (southbound lane) near Pole#335 (STA 74+25) working in a northly direction.
Placed geotextile reinforcing fabric on undisturbed subgrade prior to placing new gravel with dozer.
At STA 78+75 near Pole#338 the operation switched to the east side of the road and proceeded in a southerly direction working back to the morning start point near STA 74+25 completing about 450 feet of road.
Before opening the road to 2-way traffic the gravel was compacted with a roller and treated with calcium chloride via a landscaping spreader to mitigate dust

**QUALITY ASSURANCE**

SME on-site to oversee progress, facilitate communications, and inspect erosion control measures.
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**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 14, 2017



Morning excavation to subgrade of road at STA 77+50 (across the street from 153 Middle Road) with soft clay in foreground and firmer clay in background.



Near the end of the day on east side of road. View shows exposed subgrade with geotextile fabric in foreground and dozer placement of new gravel in background.