

DAILY CONSTRUCTION REPORT

Date: Thursday, 06-22-2017
(Day 46)

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	4	Excavating road and placing new gravel and installing frame & covers
Summit Natural Gas		3	Installing sleeves for new services
Ace Security		3 Flaggers	1 Flagger at each end of work zone plus "Breaker".
On-Target	1	5	Setting remaining Poles

VISITORS

Time	Name	Representing	Remarks
11 AM		PUC	Unannounced Natural Gas Inspection of Summit Installation

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)
1 Dozer – CAT D5k2 (used for placement and initial grading & compaction of gravel)
1 Mini Excavator – Case CX326B (rented by Summit for cross trenching of services)
1 Mini Excavator – (Equipment from On Target used where they need to dig near gas line)

CONSTRUCTION ACTIVITIES

Resumed excavation of existing gravel on west side of road (southbound lane) at STA 65+25 (north of driveway for 126 Middle Road) working in a southerly direction to STA 61+75 (near Pole #326 about 50 feet north of driveway for 122 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 61+75 the operation switched to the east side of the road (northbound lane) and reposition back to STA 65+25 (in front of driveway for 129 Middle Road) and resumed progress in a southerly direction back to mid-day turning point at STA 61+75 (just north of Casey driveway) to finish the day.
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 350 linear feet of road for the day. Total after 7 days of 2,175 linear feet. Approximately 60 feet of existing gravel remains to be excavated for this segment of road prior to paving next week.
Mason installed frame & covers at Tuttle Road intersection for the sewer manhole and the water valve vault.

QUALITY ASSURANCE

SME on-site to oversee progress, facilitate communications, and inspect erosion control measures and driveway grading.
Visual inspection of native subgrade was mostly a bluish gray clay.
Informed by Summit Crew Leader that the Maine PUC had visited earlier to inspect work practices

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 22, 2017



Subgrade of bluish gray clay at the driveway for 129 Middle Road was typical.



View at end of day looking north from the Casey driveway. Eastern edge of the road remained open so the remaining underdrain can be installed.