

DAILY CONSTRUCTION REPORT

Date: Wednesday, 10-18-2017
(Day 124)

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

WEATHER: AM: Sunny Clear PM: P. Cloudy
TEMP: AM: 40's PM: Upper 60's
WIND: AM: Light breeze PM: Calm
HUMIDITY: Dry

FIELD FORCE

Name of Contractor	Supervisor	Non-Supervisor	Remarks
Storey Brothers	1	3	Box Cut and Place new base gravel in road
Summit Natural Gas	1	4	Install gas services and sleeves in box cut.
Northeast Safety		3	Flaggers for Storey Bros. work zone (incl. breaker)

VISITORS

Time	Name	Representing	Remarks
3:00 pm	Chris Bolduc, Asst. Town Mgr.	Town of Cumberland	Regular Weekly On-Site Progress Meeting
3:00 pm	Rob Storey, Estimator	Storey Brothers	Regular Weekly On-Site Progress Meeting
3:00 pm	Dan Diffin, P.E.	SME/Town	Regular Weekly On-Site Progress Meeting

EQUIPMENT

3 Excavators (2 active & 1 idle) – CAT 329D (used to box road), CAT 330D (w/hoe ram), CAT 325F (idle),
1 Loader – CAT 930H (with side dump bucket)
2 Dozers – CAT D5K2 (use to place new gravel dumped from trucks), Deere 550H (idle),
2 Smooth Drum Roller – Ingersoll IR-116D (compaction of road), Volvo 540 (idle)
1 Mini-Excavator (rented by Summit to install gas service lines)

TODAY'S CONSTRUCTION ACTIVITIES

Storey Brothers box cut and placed new gravel for 275 LF of road starting from STA 35+50 southward to STA 32+75.
Summit installed services in "completed part" of project and sleeves for services in the segment of road being box cut.
Rob Storey indicated at the progress meeting that earlier in the day the hydrant at STA 27+00 had been pulled, inspected and cleaned.

TOMORROW'S ANTICIPATED CONSTRUCTION ACTIVITIES

Complete box cut and base gravel placement in remaining "box cut gap" to STA 31+00 (57 Middle Road) then relocate to STA 27+00 and progress southward to STA 25+00.
At STA 25+00 southward to STA 15+50 the depth and quality of the existing gravel will be inspected during pavement stripping to determine if a "partial box cut" is still warranted.

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 Spectrum Communications

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

SEVEE & MAHER ENGINEERS, INC.
CONSTRUCTION PHOTOS
October 18, 2017



Photo 1 – Began the box cut at STA 35+50 (south edge of 72 Middle Road Driveway) in the southbound lane working southward.



Photo 2 – Early into the box cut a small mound of ledge was encountered near the center of the road at STA 35+25. The size of the mound was approximately 20'x7'x1' and yielded fairly quickly to the hoe ram given the earlier blasting along each edge of the road for water and underdrain/gas.

SEVEE & MAHER ENGINEERS, INC.
CONSTRUCTION PHOTOS
October 18, 2017



Photo 3 – South of the ledge hump in Photo 1, the subgrade was approximately the top of ledge to approximately 70 Middle Road where the subgrade transitioned to a firm dry silty tan clay.



Photo 4 – At the end of the day the box cut finished up on the east side of road at STA 32+75 to match up with the west side near the southern edge of the 62 Middle Road driveway.