

WEEKLY CONSTRUCTION REPORT

PROJECT: MIDDLE ROAD IMPROVEMENTS

PERIOD ENDING: WED., 11 Oct. 2017

JOB NO.: 16047.00

CLIENT: TOWN OF CUMBERLAND

CONTRACTOR: STOREY BROTHERS, INC.

PROJECT MANAGER: DAN DIFFIN

AVERAGE FIELD FORCE

Name of Contractor	Non-manual	Manual	Remarks
STOREY BROTHERS EXCAVATING, INC.	1	3-4	On-site 10/05 through 10/11
NORTHEAST SECURITY (Flagging)	0	2-3	On-site 10/05 through 10/11
CONSTRUCTION SERVICES AND IRRIGATION (CSI) – Dave Bernard, PWD Inspector	1		On-site 10/05 through 10/11
SUMMIT NATURAL GAS	1	2-5	On-site 10/06 through 10/11
ICON CONNECTIONS (Spectrum Contractor)	1	1	Wire transfers to new poles

VISITORS

Date	Name	Representing	Remarks
10/10	Sean Watson	Maine PUC	Routine inspection of gas line installation
10/11	Bill Shane, Chris Bolduc	Town	Weekly Progress Meeting
10/11	Rob Storey	Contractor	Weekly Progress Meeting

TYPICAL EQUIPMENT ON-SITE

4 EXCAVATORS, 2 DOZERS, 2 LOADERS, & 2 ROLLER (Storey Brothers)

CONSTRUCTION ACTIVITIES

Thurs., 10/05 – Installed six (6) “short side” water services from 53 Middle Road to 31 Middle Road. Retaining wall blocks delivered.

Fri., 10/06 – Constructed retaining wall at STA 17+00. Summit staged pipe. Flushed water main extension.

Sat., 10/07 & Sun., 10/08 – No Work

Mon., 10/09 – Resumed natural gas main installation (240 LF) in area previously skipped due to ledge between 62-70 Middle Rd.

Tues., 10/10 – Completed natural gas main installation in area skipped due to ledge and started installing main further south.

Wed., 10/11 – Installed 640 LF of gas main to connect to 80-foot segment installed behind retaining wall.

PROJECTED CONSTRUCTION ACTIVITIES

Thurs., 10/12 – Connect to gas main installed at southern end of retaining wall and install main to the southern terminus of work zone.

Fri., 10/13 – Resume box cut and underdrain installation in the 700-foot gap between STA 39+00 and STA 31+00.

Sat., 10/14 & Sun., 10/15 – No Work

Mon., 10/16 – Complete the box cut and underdrain installation in the 700-foot gap between STA 39+00 and STA 31+00.

Tues., 10/17 – Resume the box cut and underdrain installation from STA 27+00 southward.

Wed., 10/18 – Continue the box cut and underdrain installation southward.

QUALITY ASSURANCE:

SME on-site to review overall progress, verify materials & quantities, and inspect erosion control measures.

DISTRIBUTION:

1. Owner – Town of Cumberland
2. Contractor - Storey Brothers
3. Engineer – Sevee & Maher Engineers, Inc.
4. File

BY: James C. Manzer, P.E., PTOE

TITLE: FIELD ENGINEER

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Photograph 1 – Thursday, October 5th - Preparing to tap the 12-inch water main extension to receive the 1-inch corporation stop valve and copper water service line.



Photograph 2: Thursday, October 5th - Overall work zone. Unloading retaining wall block to the right of the road and installing a "short side" water service at Waterfall Way on the left side of the road. In the foreground, freshly broadcasted calcium chloride for dust control on the left and idle excavators parked on right.



Photograph 3 - Friday, October 6th – Placing precast blocks of the retaining wall, checking alignment and backfilling with crushed stone. Here crew is working on the northern half of the wall.



Photograph 4 - Friday, October 6th – Starting the southern half of the wall and preparing the base for the next block. PVC underdrain for the wall shown behind worker.



Photograph 5 – Monday, October 9th – Initial excavation to install natural gas main in areas previously skipped due to ledge. Here in front of 70 Middle Road.



Photograph 6 - Monday, October 9th - By mid-afternoon the crew was backfilling gas trench using 2 excavators to place sand over the gas main (in the background) followed by second excavator backfilling to grade for drainage swale with native material.



Photograph 7 – Tuesday, October 10th - Initial excavation to complete the gap in the natural gas main installation skipped earlier due to ledge near 58 Middle Road.



Photograph 8 - Tuesday, October 10th – After the gap in the gas main installation was installed, the crew resumed where the installation has previously stopped at STA 24+40 (just south of Range Way). The jog in the alignment of the gas main trench is due to the retention of the 12-inch underdrain in front of 54 Middle Road.



Photograph 9 – Wednesday, October 11th – Undocumented underdrain exposed in front of 44 Middle Road discharging to swale.



Photograph 10 – Wednesday, October 11th – A section of ledge between 38 and 34 Middle Road that was not blasted had to be removed with the hoe ram before the crew could connect to the previously install main behind the retaining wall.