## **Daily Report**

Project: Date: June 18, 2020 **Durham Meadows Pipeline Installation** Location: Maiden Lane, Main Street, and Route 68, Durham Day of Week: Thursday **Report No:** 101 Project #: AECOM: 6061487 **Ludlow Construction** Page: 1 of 7 **Contractor:** 

**Weather Conditions** 

Conditions:

Daylight hours. Sunny. Winds variable 0-8 mph.

Temperature (°F):

High

81°F

Low

v 63°F

| Co             | ontractors & Sul | contractors Workforce      |   |   |     | Equipment in Use                  |   |   |    |
|----------------|------------------|----------------------------|---|---|-----|-----------------------------------|---|---|----|
| Trade          | # x hrs          | Trade                      | # | Х | hrs | Туре                              | # | Х | hr |
| USACE          |                  | Ludlow Construction        |   |   |     | Concrete/Asphalt Road Saw         | 1 | Х | 8  |
| Field Engineer | 2 x 8            | Superintendent             | 0 | Х | 8   | Dump truck                        | 5 | Х | 8  |
|                |                  | Safety Officer             | 1 | Х | 8   | Excavator – Large                 | 3 | Х | 8  |
|                |                  | Foreman                    | 2 | Х | 8   | Excavator - Mid-Size              | 1 | Х | 8  |
|                |                  | Dump truck Operator        | 4 | Х | 8   | Excavator - Rubber Wheeled – Rock | 0 | Х | 8  |
|                |                  | Excavator Operator         | 4 | Х | 8   | Skid Steer / Bucket Loader        | 1 | Х | 8  |
|                |                  | Skid Steer/Bucket Loader   | 1 | Х | 8   | Rolling Compactor                 | 1 | Х | 8  |
|                |                  | Laborers                   | 6 | Х | 8   | Plate Compactor                   | 1 | Х | 8  |
|                |                  | Note that some persons     |   |   |     | Jumping Jack Compactor            | 1 | Х | 8  |
|                |                  | Multiple pieces equipment. |   |   |     | Street Sweeper (Broce Broom)      | 1 | Х | 8  |
|                |                  |                            |   |   |     | Material Hopper                   | 1 | Х | 8  |
|                |                  | Sub-contractor             | 1 | Х | 8   | Pipe saw                          | 1 | Х | 8  |
|                |                  | Municipal Police Detail    | 0 | Х | 8   | Light Tower                       | 0 | Х | 8  |
|                |                  | State Police Detail        | 1 | Х | 8   |                                   |   |   |    |

Visitors:

None.

## Pipe Connections and Installations

Ludlow resumed the installation of 12" DIP on Route 68, placing pipe between Station 604+64 and Station 920+65 (the intersection of Maple Avenue and Route 68). This includes the installation of a 12"x12"x12" M.J. C.L.D.I. Tee with two 12" M.J. R.S. gate valves and valve boxes at Station 920+65.

Ludlow installed 12" DIP from Stations 421+18 to 418+75 on Maiden Lane in Durham.

Ludlow installed curb stops at Stations 153+57.5, 152+94, 152+18, and 151+69 on Main Street in Durham.

## **Compaction Testing**

Soil compaction testing was performed today on Main Street, Maiden Lane, and Route 68 in Durham. Compaction test data for the project can be found here:

https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/

In addition, soil compaction data is presented in the Contractor Daily Quality Control Reports located here:

| Res. Representative: | J. Meunier | Date: | 6/18/20 |
|----------------------|------------|-------|---------|



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| Project #:  | AECOM: 6061487                                 | Report No:   | 101           |
| Contractor: | Ludlow Construction                            | Page:        | 2 of 7        |

https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/

### **Additional Data**

Ludlow informed AECOM that the end station for the placement of DIP on Route 68 yesterday was 604+64, not 604+84 as they reported yesterday.

## Daily Activities – Installation of Curb Stops, Main Street and Maiden Lane, Durham

Ludlow installed curb stops at Stations 153+57.5, 152+94, 152+18, and 151+69 on Main Street in Durham.

0711: Ludlow cannot begin installing curb stops on Main Street because three of the four State Troopers scheduled to provide traffic management today have failed to show up.

0731: Ludlow is using two of their laborers to provide traffic management on Main Street, Durham.

0749: Ludlow is starting the installation of a curb stop for 431 Main Street at Station 153+57.5.

0933: Ludlow working on placing a curb stop at Station 153+57.5. The curb stop will be installed 16.5' from edge of pavement.

0936: Ludlow is installing a curb stop for 435 Main Street at Station 152+94.

1108: Ludlow has completed the installation of a curb stop at Station 152+94. The curb stop is located 16.5' from edge of payement.

1247: Ludlow has installed a curb stop 17' from the edge of pavement at Station 152+18 and are currently backfilling the trench. The curb stop is located on the west side of Main Street and services 437 Main Street.

1310: Ludlow is beginning to excavate on the northbound lane of Main Street to install a curb stop at Station 151+69. This curb stop will service 441 Main Street and will be located 16' from the edge of pavement.

1402: JTC is on Main Street to collect soil compaction data.

## Daily Activities - Installation of 12" DIP, Maiden Lane, Durham

Ludlow installed 12" DIP from Stations 421+18 to 418+75 on Maiden Lane in Durham.

0726: Ludlow has 20' of trench open on Maiden Lane. They are ready to resume the placement of 12" DIP.

0824: JTC shows up on Maiden Lane to perform soil compaction testing.

0855: Ludlow is placing a hydrant assembly at Station 420+48.

1043: Ludlow has placed 12" DIP up to Station 419+43 on Maiden Lane.

1130: Ludlow is preparing to install a 12" R.S gate valve and valve box on Maiden Lane at Station 419+00. Only one private flagger

| Res. Representative: J. Meunier Date: _6/18/20 | Res. Representative: | J. Meunier | <b>Date:</b> _6/18/20 |
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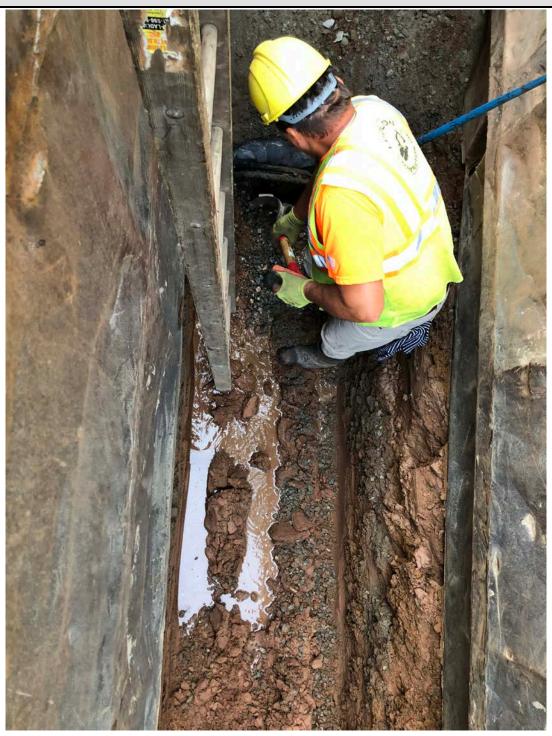


|                                   | Daily Report   |                                   |                        |
|-----------------------------------|--|-----------------------------------|------------------------|
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| Project #:                        | AECOM: 6061487   | Report No:                        | 101                    |
| Contractor:                       | Ludlow Construction  | Page:                             | <b>3</b> of <b>7</b>   |
| providing traffic                 | management currently.  |                                   |                        |
| 1350: Ludlow fin                  | ishes placing 12" DIP today. End station for pipe installation is  | Station 418+75.                   |                        |
| Daily Activities –                | Installation of 12" DIP, Route 68, Durham  |                                   |                        |
| Ludlow resumed<br>of Maple Avenue | the installation of 12" DIP on Route 68, placing pipe between and Route 68).                             | Station 604+64 and Station 920    | 0+65 (the intersection |
| 0705: Ludlow is เ                 | resuming the placement of 12" DIP on Route 68.   |                                   |                        |
| 0820: Ludlow ha                   | s placed 12" DIP up to Station 605+50.   |                                   |                        |
| 0915: Ludlow is I                 | nammering rock at Station 606+30. Ludlow has placed 12" DIP  | up to Station 606+10 so far.      |                        |
| 1056: Ludlow ha                   | s placed 12" DIP up to Station 605+45 on Route 68.   |                                   |                        |
|                                   | preparing to install a 12"x12"x12" M.J. C.L.D.I. Tee with two 12 rsection of Maple Avenue and Route 68). | ." M.J. R.S. gate valves and valv | e boxes at Station     |
| 1339: Ludlow ha                   | s finished placing 12" DIP on Route 68.  |                                   |                        |
|                                   |  |                                   |                        |
|                                   |  |                                   |                        |
|                                   |  |                                   |                        |
|                                   |  |                                   |                        |

6/18/20 Res. Representative: J. Meunier Date:

# **Daily Report**

Project: Durham Meadows Pipeline Installation Date: June 18, 2020 Thursday Location: Maiden Lane, Main Street, and Route 68, Durham Day of Week: **Report No:** 101 Project #: AECOM: 6061487 **Contractor: Ludlow Construction** Page: **4** of **7** 



Picture 1: Water observed in trench at Station 421+18 on Maiden Lane, Durham

| Res. Representative: | J. Meunier | <b>Date:</b> 6/18/20 |
|----------------------|------------|----------------------|

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Date: June 18, 2020 **Project: Durham Meadows Pipeline Installation** Location: Day of Week: Thursday Maiden Lane, Main Street, and Route 68, Durham Report No: 101 Project #: AECOM: 6061487 **Contractor: Ludlow Construction** Page: **5** of **7** 



Picture 2: Ludlow beginning to excavate for the installation of a curb stop at Station 153+57.5; 431 Main Street, Durham. View to the east.

Res. Representative: J. Meunier Date: 6/18/20

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Picture 3: Water observed in trench at Station 153+57.5; 431 Main Street, Durham. View to the west.

Res. Representative: J. Meunier Date: 6/18/20

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Date: June 18, 2020 **Project: Durham Meadows Pipeline Installation** Day of Week: Thursday Location: Maiden Lane, Main Street, and Route 68, Durham 101 **Report No:** Project #: AECOM: 6061487 **Contractor: Ludlow Construction** Page: **7** of **7** 



Picture 4: Ludlow cleaning up work zone at Station 151+69 with a Bocce Broom on Main Street, Durham after the installation of a curb stop. View to the east.

Res. Representative: J. Meunier Date: 6/18/20