

# AECOM

## Daily Report

|                    |                                      |                     |              |
|--------------------|--------------------------------------|---------------------|--------------|
| <b>Project:</b>    | Durham Meadows Pipeline Installation | <b>Date:</b>        | June 1, 2021 |
| <b>Location:</b>   | S. Main Street, Middletown           | <b>Day of Week:</b> | Tuesday      |
| <b>Project #:</b>  | AECOM: 6061487                       | <b>Report No:</b>   | 254          |
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|                    |  |     |      |
|--------------------|--|-----|------|
| Weather Conditions |  |     |      |
| Conditions:        | Daylight hours: Sunny. Winds variable 0-9 mph. |     |      |
| Temperature (°F):  | High 75°F                                      | Low | 46°F |

| Contractors & Subcontractors Workforce |   |   |     | Equipment in Use           |   |   |     |
|--|---|---|-----|----------------------------|---|---|-----|
| Trade                                  | # | x | hrs | Trade                      | # | x | hrs |
| USACE                                  |   |   |     | Ludlow Construction        |   |   |     |
| Field Engineer                         | 2 | x | 8   | Superintendent             | 1 | x | 8   |
|  |   |   |     | Safety Officer             | 1 | x | 8   |
|  |   |   |     | Foreman                    | 0 | x | 8   |
|  |   |   |     | Dump truck Operator        | 1 | x | 8   |
|  |   |   |     | Excavator Operator         | 1 | x | 8   |
|  |   |   |     | Skid Steer/Bucket Loader   | 1 | x | 8   |
|  |   |   |     | Laborers                   | 3 | X | 8   |
|  |   |   |     | Note that some persons     |   |   |     |
| United Concrete                        | 1 | x | 8   | Multiple pieces equipment. |   |   |     |
| A&R Electrical                         | 0 | x | 8   |                            |   |   |     |
| Barnhart                               | 0 | x | 8   | Sub-contractor             | 1 | X | 8   |
| CT Traffic Control                     | 0 | x | 8   | Municipal Police Detail    | 0 | X | 8   |
|  |   |   |     | State Police Detail        | 0 | X | 8   |

Visitors: None.

### Pipe Connections, Installations, and Other Work

Ludlow continued earth work at the water meter vault work zone located at ~Station 124+80 on S. Main Street in Middletown. Ludlow also installed 16" DIP at the water meter vault work zone. United Concrete continued with finish work on the booster station located at Station 750+63 South Main Street in Middletown.

### Daily Activities – Booster station work zone, S. Main Street, Middletown

United Concrete continued with finish work on the booster station located at Station 750+63 in Middletown.

0653: One laborer from United Concrete is working on the interior of the booster station located at Station 750+63 on S. Main Street in Middletown.

0812: United Concrete is currently installing wire conduits on the underside of the PLC pump cabinet.

0910: United Concrete continues to install wire conduits on the underside of the PLC pump cabinet. AECOM noted that concrete patches around piping on the booster station floor have been coated with the same epoxy-based paint that the booster station floor was coated with.

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| <b>Res. Representative:</b> | J. Meunier | <b>Date:</b> | 06/01/21 |
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1041: United Concrete continues to install wire conduits on the underside of the PLC pump cabinet. They have one of the 2" steel conduits installed so far.

### Daily Activities – Water meter vault work zone, S. Main Street, Middletown

Ludlow continued earth work at the water meter vault work zone located at ~Station 124+80 on S. Main Street in Middletown. Ludlow also installed 16" DIP at the water meter vault work zone.

0739: Ludlow is setting up to continue earth work at the water meter vault work zone located at ~Station 124+80 on S. Main Street in Middletown.

0847: Ludlow is continuing earth work at the water meter vault work zone located at ~Station 124+80.

1029: Ludlow is laying out a wooden framework within the footprint of the water meter vault that will assist them in the accurate placement of piping going in and out of the vault.

1250: Ludlow has finished laying out a wooden framework within the footprint of the water meter vault footprint. They are currently daylighting a section of 16" DIP that runs east from the 16" water main located on the west side of S. Main Street in Middletown at Station 125+20.

1251: Ludlow is placing ¾" stone on top of geofabric in the trench located at Station 125+20.

1305: Ludlow places a trench box in the excavation located at Station 125+20 where they have daylighted the section of 16" DIP.

1428: The excavation at the water meter vault has some water running into it, coming from the bedding located beneath the 16" DIP that crosses under S. Main Street at Station 125+20. Ludlow places a pump in the excavation at Station 125+20 to move some of the water out of the trench.

1435: Ludlow is preparing to pump water out of the excavation and into the catch basin located at ~Station 125+85. The catch basin has been covered with 2 layers of geofabric and a layer of ¾" stone.

1517: Ludlow continues to excavate for the placement of 16" DIP that will connect to previously-installed 16" DIP located at Station 125+20.

1556: Ludlow is placing a 20' section of 16" DIP with a 45° bend (at Station 801+00) on the east end of it in the excavation, connecting it to the previously-installed 16" DIP located at Station 125+20.

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Picture 1: Ludlow continuing earthwork at the footprint of the water meter vault located at ~Station 124+80 on S. Main Street in Middletown. View to the south.

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**Picture 2: Concrete patch around conduits located on the floor of the booster station that were sealed off with the same epoxy-based paint that the booster station floor was coated with.**

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Picture 3: United Concrete installing conduits on the underside of the PLC pump cabinet located inside of the booster station at Station 750+63. View to the northwest.

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**Picture 4: Ludlow in the process of laying out a wooden framework within the footprint of the water meter vault that will assist them in the accurate placement of piping going in and out of the vault. View to the southeast.**

|                             |                   |              |                 |
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Picture 5: Ludlow offloading 16" DIP at the water meter vault work zone located at ~Station 124+80 on S. Main Street in Middletown. View to the northwest.

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Picture 6: Ludlow placing a trench box on the east side of S. Main Street in Middletown as they excavate at Station 125+20 for the installation of 16" DIP. View to the south.

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Picture 7: Overview of excavation activities at Station 125+20, and the water meter vault work zone. View to the northwest.

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**Picture 8: Water in the excavation located at the water meter vault work zone that came from beneath the 16” DIP that crosses S. Main Street at Station 125+20. View to the west.**

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Picture 9: Ludlow placing 3/4" stone around a pump that is moving water from the excavation at Station 125+20 on S. Main Street, Middletown. View to the west.

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