

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 20, 2020
Location:	Main Street, Water tank access road, Durham & Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	61
Contractor:	Ludlow Construction	Page:	1 of 16

Weather Conditions

Conditions: Daylight hours. Partly cloudy, winds variable 0-7 mph.
Temperature (°F): High 56°F Low 36°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	0	x	8
				Safety Officer	1	x	8
				Foreman	2	x	8
				Dump truck Operator	4	x	8
				Excavator Operator	4	x	8
				Skid Steer/ Bucket Loader	1	x	8
				Laborers	6	x	8
				<i>Note that some persons</i>			
				<i>Multiple pieces equipment.</i>			
				Sub-contractor	1	x	8
				Middletown Police Dept.	0	x	8
				Police Officer Detail	2	x	8

Visitors: None

Notes:

Pipe Connections and Installations: Ludlow placed restrained 16" DIP from Station 161+10 to Station 163+20, a 16"x16"x16" with 16" butterfly valve (Station 161+60), and four curb stop (from ~Stations 162+10 to 162+80).

Compaction Testing: JTC was present to perform compaction testing today. The results of the testing are as follows:

Stations 161+17 to 161+42

97.7 - 9.0
 96.5 - 8.6
 96.7 - 7.8
 97.1 - 4.9
 98.0 - 5.5

Stations 161+42 to 161+67

97.6 - 8.8
 95.7 - 9.3
 98.9 - 4.4
 98.6 - 4.3
 97.0 - 4.7

Res. Representative:

J. Meunier

Date: 4/20/20

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Stations 161+67 to 161+92

96.4 - 8.8

95.8 - 9.3

97.4 - 8.3

96.5 - 5.4

97.7 - 5.5

Stations 161+92 to 162+17

97.0 - 9.5

97.2 - 9.4

95.3 - 5.7

99.1 - 4.0

100 - 3.4

Stations 162+17 to 162+42

97.3 - 9.6

96.0 - 10.8

95.5 - 6.7

96.6 - 4.7

97.1 - 3.9

Stations 162+42 to 162+67

96.1 - 10.7

95.2 - 9.8

95.3 - 5.8

98.3 - 4.4

97.9 - 2.7

Stations 162+67 to 162+92

95.6 - 10.1

95.8 - 9.3

95.4 - 5.1

98.5 - 4.9

98.3 - 4.5

Stations 162+92- ~163+17* (section of the area will be re-disturbed upon continuation of the run.)

96.2 - 10.0

95.2 - 9.5

96.8 - 8.7

98.4 - 4.1

97.3 - 4.6

Additional data: None.

Daily Activities

0715: Ludlow preparing to install Type C catch basin at Station 14+40 (across from driveway of 212 Talcott Ridge Drive).

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0740: Ludlow has daylighted the 16"x16"x16" Tee at Station 161+18. They are currently installing 20' of 16" DIP to the Tee.

0810: Ludlow excavating to place 17' of 16" DIP. A faint smell of naphthalene was observed near the trench during excavation. A small amount of water is observed in the bottom of the excavation. Ludlow is not pumping the water out yet.

0827: Ludlow is backfilling over placed 17' section of 16" DIP.

0840: Ludlow is assembling a Tee fitting connected to a 16" butterfly valve. This assembly is just under 6' long; placing the southern end of pipe/appurtenance installations at Station 161+61.

0842: JTC associate Stephen Devlin arrives on site to perform compaction testing.

0850: JTC performing first soil compaction test.

0925: Ludlow placing another 20' of 16" DIP.

0930: Ludlow is placing another 20' of 16" DIP.

1010: Ludlow has pipe installed up to 162+20.

1108: Ports for curb stops have been installed at Stations ~162+10 (for a connection to the west side of Main Street) and 162+21 (for a connection to the east side of Main Street).

1129: Ludlow getting ready to tap 16" DIP for curb stops at ~Station 162+70 and ~Station 162+80.

1200: Ludlow continues to place culvert for storm drain installation on tank access road at Station 14+40.

1245: Ludlow has placed 16" DIP up to Station 163+20. That includes the curb stops at ~Station 162+70 and ~Station 162+80.

1310: At Station 14+40, Ludlow is using two pumps to move water out of excavation where the Type C catch basin is going to be placed.

1335: Ludlow continuing to excavate hole for placement of Type C catch basin assembly.

1340: Ludlow's survey contractor (Juliano Associates) is working on the tank access road.

1405: Ludlow continuing to excavate for placement of Type C catch basin.

1420: At Main Street, Ludlow is compacting soil and closing up trench with hot patch at from Stations 161+18 to 163+20.

Payment Items:

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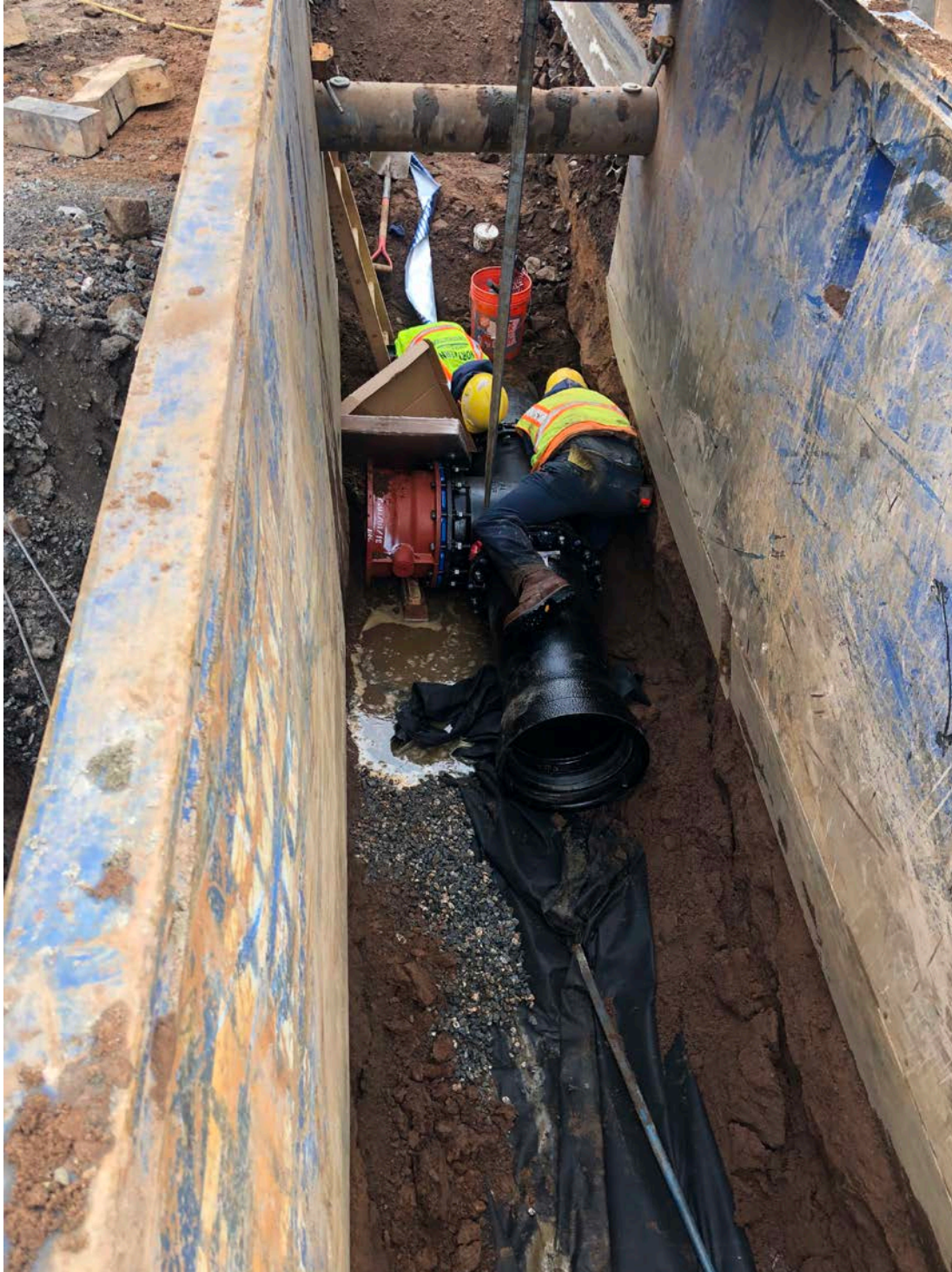
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Picture 1: 16"x16"x16" Tee and butterfly assembly that was placed at Station 161+60.

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Picture 2: 16"x16"x16" Tee and butterfly assembly that was placed at Station 161+60. View to the north.

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Picture 3: RCP staged along the tank access road. View to the east.

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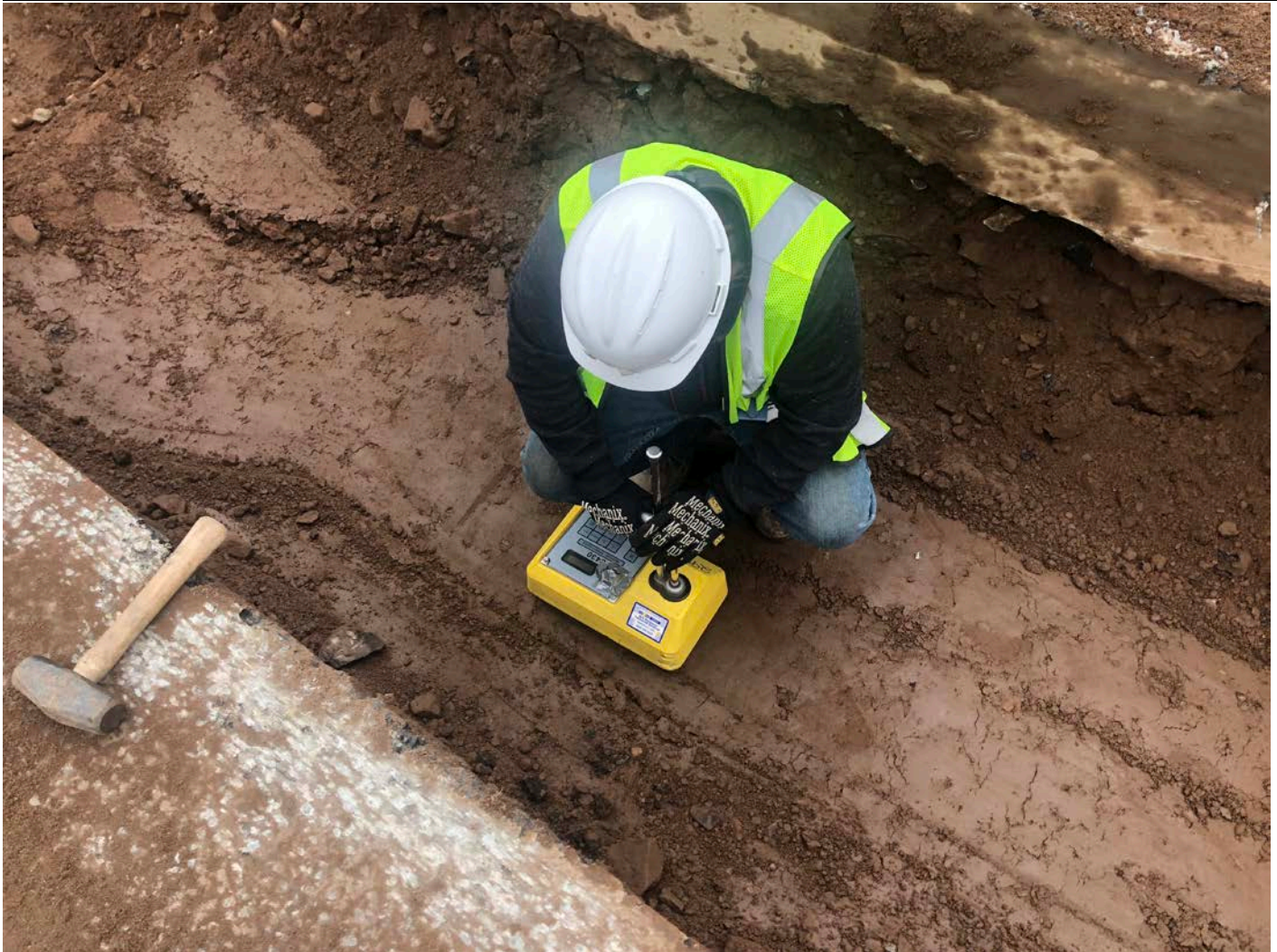
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Picture 4: Ludlow preparing the outflow area to the storm drain culvert associated with the catch basin that will be installed at Station 14+40. View to the east.

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Picture 5: JTC personnel performing soil compaction test at ~Station 161+25.

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Picture 6: Ludlow tapping holes for curb stops on pipe that will be installed near Station 163+00.

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Picture 7: Ludlow continues to work at the outflow area to the storm drain culvert associated with the catch basin that will be installed at Station 14+40. View to the northeast.

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Picture 8: Culvert placed just east of Station 14+40. View to the south.

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Picture 9: Ludlow working at excavation area that will receive the Type C catch basin that will be installed at Station 14+40. Two pumps are moving water out of excavation and discharging it to the east at the newly installed culvert outfall.

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Picture 10: Sump of the Type C catch basin that will be installed at Station 14+40.

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Picture 11: Riser of the Type C catch basin that will be installed at Station 14+40.

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Picture 12: Type C catch basin that will be installed at Station 14+40.

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Picture 13: Overview of culvert and Type C catch basin installation at Station 14+40. View to the east.

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