

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	September 18, 2020
<b>Location:</b>	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	162
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 10

### Weather Conditions

**Conditions:** Daylight hours: Sunny. Winds variable 0-8 mph.  
**Temperature (°F):** High 74°F Low 52F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	1	x	8
				Safety Officer	1	x	8
				Foreman	2	x	8
Northeastern Steel				Dump truck Operator	4	x	8
Superintendent	0	x	8	Excavator Operator	4	x	8
Laborers	0	X	8	Skid Steer/Bucket Loader	1	x	8
				Laborers	6	X	8
				<i>Note that some persons</i>			
				<i>Multiple pieces equipment.</i>			
DN Tanks							
Superintendent	1	x	8				
Laborers	5	x	8	Sub-contractor	4	X	8
				Municipal Police Detail	1	X	8
				State Police Detail	2	X	8

**Visitors:** Ed Hathaway, US EPA.

### Pipe Connections, Installations, and Other Work

DN Tanks placed slot panels on the water tank today.

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 111+55 to 114+95.

Ludlow installed 1.5" curb stops at Stations 209+53 and 209+55 for 151R and 153 Main Street, Durham, respectively.

Veilleux saw cut pavement for curb stop overcuts on Main Street in Durham.

### Compaction Testing

Soil compaction testing was performed today. Compaction test data for the project can be found here:

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

**Res. Representative:**

J. Meunier

**Date:** 9/18/20

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

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

### **Daily Activities – water tank construction, Shared Access Driveway, Middletown**

DN Tanks placed slot panels on the water tank today.

0715: DN Tanks begins to mobilize at the water tank work site to the east of the Shared Access Driveway.

0847: Ed Hathaway from the US EPA arrives on Site and tours the water tank work zone with Joel Meunier (AECOM) and Kurt Mintell (USACE).

0854: Ludlow has installed the first slot plate between the water tank side panels. Marino is lifting a second slot plate as DN Tanks prepares to place it on the water tank.

1126: DN Tanks and Marino have completed the installation of two slot plates onto the water tank and are preparing to install a third slot plate.

1143: DN Tanks and Marino are currently placing a third slot plate onto the water tank.

1314: DN Tanks and Marino are currently placing a fourth slot plate onto the water tank located to the east of the Shared Access Driveway, Middletown.

### **Daily Activities – Paving of trench cutbacks, S. Main Street, Middletown**

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 111+55 to 114+95.

0729: Ludlow is beginning to strip pavement from the trench cutback that Ludlow plans to repave today as part of trench cutback repaving activities on S. Main Street, Middletown.

0845: Ludlow continue trench cutback on paving activities on S. Main Street, Middletown, starting at Station 111+55.

1051: Ludlow is currently placing and rolling the first 3" lift of asphalt on the trench cutback paving work zone on S. Main Street, Middletown. JTC is present to collect asphalt compaction data. JTC is currently performing a standard calibration of the Troxler 3440 moisture density gauge they are using to collect asphalt compaction data today.

1235: Ludlow is currently placing and rolling the second 3" lift of asphalt on the trench cutback paving work zone on S. Main Street, Middletown.

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### Daily Activities – Installation of a curb stops, Main Street, Durham

Ludlow installed 1.5" curb stops at Stations 209+53 and 209+55 for 151R and 153 Main Street, Durham, respectively.

0742: Ludlow is saw cutting pavement at the intersections of Old Cemetery Road and Main Street for the installation of two 1.5" curb stops at Stations 209+53 and 209+55.

0837: Ludlow continues to saw cutting pavement on Main Street, Durham, for the installation of curb stops at Stations 209+53 and 209+55 for 151R and 153 Main Street, Durham, respectively. No silt socks are observed on either storm drain located adjacent to the work zone. Kurt Mintell instructs Ludlow to place silt socks in the two drains.

1012: Ludlow has tapped the water main on Main Street at Stations 209+53 and 209+55 for the placement of 1.5" corporations stops.

1214: Ludlow continues working on the installation of 1.5" curb stops at Stations 209+53 and 209+55.

1332: The curb stops at Stations 209+53 and 209+55 have been installed 34' and 35' from the edge of pavement, respectively.

1351: Ludlow has finished backfilling the curb stops at Stations 209+53 and 209+55 and are awaiting the delivery of hot patch to close up the trench.

### Daily Activities – Saw cutting pavement, Main Street, Durham

Veilleux saw cut pavement for curb stop overcuts on Main Street in Durham.

0840: Veilleux continues to saw cut pavement for curb stop overcuts on Main Street, Durham at Station ~147+00.

0940: Veilleux continues to saw cut pavement for curb stop overcuts on Main Street, Durham at Station 147+50.

1254: Veilleux continues to saw cut pavement for curb stop overcuts on Main Street, Durham.

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**Picture 1: Marino Crane holding a slot panel in place with the crane as DN Tanks installs it between two of the water tank side panels. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the east.**



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**Picture 2: Ludlow tapping the water line on Main Street for the installation of a corporation stops at Stations 209+53. The corporation stop for Station 209+55 has already been tapped and installed.**



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**Picture 3: Ludlow in the process of installing curb stops at Stations 209+53 and 209+55 on Main Street, Durham. View to the east.**

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**Picture 4: Catch basin with filter fabric placed over it located at Station 209+68, which is next to installation of curb stops at Stations 209+53 and 209+55 on Main Street, Durham. View to the south.**

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**Picture 5: Ludlow placing tack coat along the edge of cut pavement in preparation for the placement of asphalt on the trench cutback repaving activities on S. Main Street, Middletown. View to the northeast.**

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Picture 6: JTC performing a standard calibration of the Troxler 3440 moisture density gauge they are using to collect asphalt compaction data. View to the east.

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**Picture 7: Marino Crane lifting a slot panel for DN Tanks to install it between two of the water tank side panels. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the east.**

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