

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	September 3, 2020
<b>Location:</b>	Maple Avenue and Main Street, Durham, the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	152
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 12

### Weather Conditions

**Conditions:** Daylight hours: Rain. Winds variable 0-8 mph.  
**Temperature (°F):** High 86°F Low 68°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	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>			
DN Tanks				<i>Multiple pieces equipment.</i>			
Superintendent	1	x	8				
Laborers	5	x	8	Sub-contractor	3	X	8
				Municipal Police Detail	2	X	8
				State Police Detail	2	X	8

**Visitors:** None.

### Pipe Connections, Installations, and Other Work

DN Tanks worked on constructing a concrete form around the 8" DIP overflow pipe that was installed on the interior side of one of the narrow side panels. DN Tanks also sandblasted the edges of some of the water tank side panels.

Ludlow installed 8" DIP on Maple Avenue, Durham from Stations 924+35 to 921+96. This includes the installation of curb stops at Stations 924+37, 923+16, and 922+39.5.

Ludlow subcontractor Veilleux saw cut pavement for curb stops on the southbound lane of S. Main Street, Middletown.

Ludlow installed a curb stop and an 8" fire service line at Station 171+83.5 (350 Main Street, Durham).

### Compaction Testing

Soil compaction testing was not performed today. Compaction test data for the project can be found here:

**Res. Representative:**

J. Meunier

**Date:** 9/3/20

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<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:

<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 worked on constructing a concrete form around the 8" DIP overflow pipe that was installed on the interior side of one of the narrow side panels. DN Tanks also sandblasted the edges of some of the water tank side panels.

0710: DN Tanks is on site at the water tank work zone. They have finished installing the 8" DIP overflow pipe on the narrow water tank side panel. DN Tanks is building a concrete form with rebar around the pipe for a future pour of concrete.

0912: DN Tanks is enclosing the 8" DIP on the narrow water tank side panel in rebar and a concrete form for a future pour of concrete.

1313: DN Tanks continues to build a concrete form around the 8" DIP overflow pipe that has been attached to the inside of one of the narrow water tank side panels. DN Tanks is also preparing to sand blast the sides of the wide side panels to roughen up the surface for better bonding once the panels are set in place and grouted.

### **Daily Activities – Installation of 8" DIP and fire hydrant, Maple Avenue, Durham**

Ludlow installed 8" DIP on Maple Avenue, Durham from Stations 924+35 to 921+96. This includes the installation of curb stops at Stations 924+37, 923+16, and 922+39.5.

0841: Ludlow is currently installing 8" DIP on Maple Avenue.

0949: Ludlow has advanced 8" DIP up to Station 922 +37 on Maple Avenue, Durham. This includes the installation of corporation stops at Stations 924+37, 923+16 and 922+39.5.

1205: Ludlow has 8" DIP installed up to Station 922+00 and is preparing to install a hydrant Tee at Station 921+68.

1226: Ludlow is installing a hydrant Tee at Station 921+68

### **Daily Activities – Saw cutting of Pavement, S. Main Street, Middletown; Maiden Lane, Durham**

Ludlow subcontractor Veilleux saw cut pavement for curb stops on the southbound lane of S. Main Street, Middletown.

0717: Ludlow subcontractor Veilleux is setting up to saw cut on S. Main St., Middletown for the future installation of curb stops.

0928: Veilleux is saw cutting pavement at Station 104+40 across the northbound lane of S. Main Street, Middletown for the future installation of a curb stop.

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1255: Veilleux is saw cutting across the northbound lane of South Main Street, Middletown at 2292 S. Main Street.

1334: Veilleux continues to saw cut pavement for curb stops on S. Main Street, Middletown.

### Daily Activities – Installation of curb stop and fire service line, Main Street, Durham

Ludlow installed a curb stop and an 8" fire service line at Station 171+83.5 (350 Main Street, Durham).

0725: Ludlow begins to excavate for the installation of an 8" DIP fire service line for 350 Main Street at Station 171+83.5.

0852: Ludlow is installing a tapping sleeve on the 16" water line at Station 171+83.5. JMS Connections will be arriving shortly to perform the tapping of the 16" water line.

0938: Ludlow is currently placing a 16"x16"x8" tapping sleeve with an 8" gate valve and valve box at Station 171+83.5.

1047: JMS Connections is setting up to tap the 16" water line at Station 171+83.5. The tapping machine has been attached to the 8" gate valve and gate box that Ludlow just installed.

1133: JMS Connections has finished with the tapping of the 16" waterline at Station 171+83.5. Ludlow is preparing to place 8" DIP on the west side of the 8" gate valve they just installed.

1243: Ludlow has the 8" pipe and a 1" curb stop installed at Station 171+83.5. A 1" corporation stop was also tapped into the 16" main water line about 6" south of the 16"x16"x8" tapping sleeve.

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Picture 1: DN Tanks building a concrete form around the 8" DIP overflow pipe that was installed on one of the narrow water tank side panels. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the west.



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Picture 2: Solid sleeve on 8" DIP for the water tank overflow that was installed on one of the narrow water tank side panels. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the south.



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Picture 3: Ludlow begins to excavate for the installation of a curb stop and an 8" DIP fire service line at Station 171+83.5. Main Street, Durham. View to the east.



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Picture 4: Ludlow removing a panel from concrete sidewalk as they excavate for the installation of a curb stop and an 8" DIP fire service line at Station 171+83.5. Main Street, Durham. View to the south.

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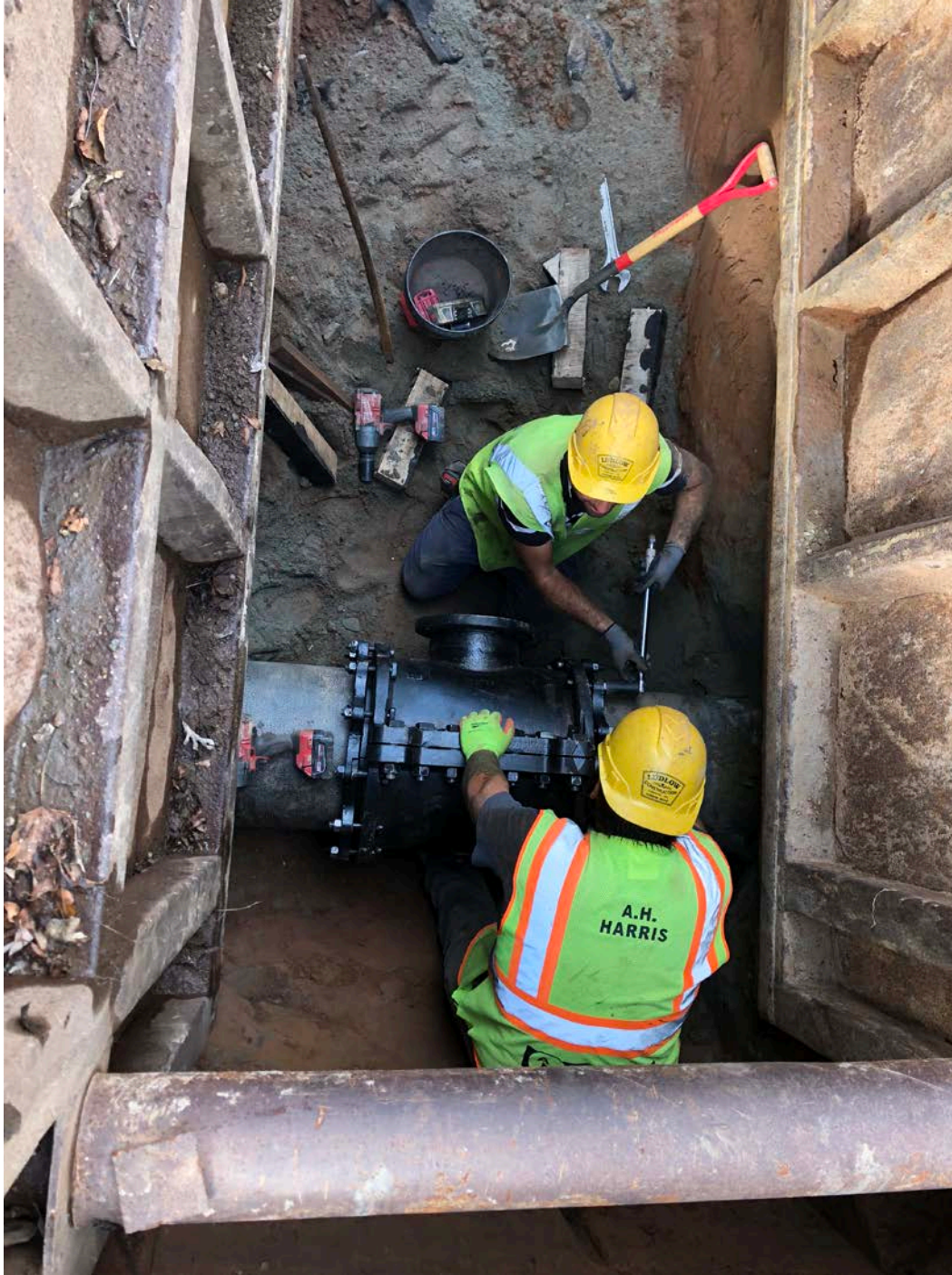


**Picture 5: Veilleux saw cutting pavement on Main Street, Durham for the installation of a curb stop. View to the southwest.**



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**Picture 6: Ludlow installing 16"x16"x8" tapping sleeve on the main water line at Station 171+83.5 at on Main Street, Durham.**

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Picture 7: JMS Connections tapping 16" main water line at Station 171.83.5, 350 Main Street, Durham.



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**Picture 8: 8" DIP fire service line and 1" curb stop installed at Station 171+83.5. Main Street, Durham. View to the east.**



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Picture 9: Tapping sleeve, 8" gate valve, 8" DIP fire service line, 1" corporation stop, and 1" copper water service line at Station 171+83.5. Main Street, Durham.

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