

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	June 16, 2020
<b>Location:</b>	Pickett Lane, Durham and Main Street, Durham, Route 68, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	99
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### Weather Conditions

**Conditions:** Daylight hours. Sunny. Winds variable 0-5 mph.  
**Temperature (°F):** High 79°F Low 52°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
				Municipal Police Detail	0	x	8
				State Police Detail	2	x	8

**Visitors:** None

### Pipe Connections and Installations

Ludlow resumed the installation of 12" DIP on Route 68 today, placing pipe between Stations 603+42 and 603+82.

Ludlow installed 12" DIP on Maiden Lane from Stations 426+00 to 424+00.

Ludlow installed curb stops at Stations 148+98, 150+08, 152+71, and 155+94 on Main Street, and a corporation stop at Station 424+65 on Maiden Lane in Durham.

### Compaction Testing

Soil compaction testing was performed today on 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:** 6/16/20

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

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

Ludlow installed curb stops at Stations 148+98, 150+08, 152+71, and 155+94 on Main Street and Maiden Lane in Durham.

0726: Ludlow begins excavating on the southbound lane of Main Street at Station 148+98 for the installation of a curb stop 13' from edge of pavement.

0818: Ludlow continues to install a curb stop at Station 148+98. Traffic management is being provided by one State Trooper and one Ludlow laborer.

0833: Ludlow begins installation of another curb stop at Station 150+08.

0938: Ludlow begins to install another curb stop at Station 152+71. The curb stop will be located 15' from edge of pavement.

0945: Ludlow has a curb stop installed at Station 150+08, and is currently backfilling over the 1" copper line. Ludlow has completed the installation of curb stop at Station 148+98.

1055: Ludlow is excavating a trench for installation of a curb stop at Station 152+71. They encountered a 6" clay pipe running parallel with Main Street that appears to have been broken before it was daylighted. Ludlow repaired the pipe with 6" PVC and two Fernco boots. A minor amount of water (0"-3") is observed in the bottom of the trench.

1120: Ludlow about to place curb stop connected to a full piece of 12" DIP at Station 424+65.

1223: Ludlow installing corporation stop southbound side of main street at Station 155+94. A small amount of water (0"-0.5") is observed at the bottom of the trench.

### **Daily Activities – Other**

AECOM inspected the material staging areas next to Stations 514 and 518 (Pickett Lane, Durham): both areas look well-maintained.

Ludlow installed a corp stop and a 1" chlorination inlet on the main water line at Station 157+64 (the intersection of Winsome Road and Main Street).

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

Ludlow installed 12" DIP today from Stations 426+00 to 424+00.

0719: Ludlow is setting up at the intersection of Maiden Lane and Pickett Lane to place 12" DIP on Maiden Lane.

0751: Ludlow has a trench open on Maiden Lane, starting at the 3-way valve assembly previously installed at the at the intersection of Maiden and Pickett and working west towards Main Street. Water is observed at the bottom of the trench. Ludlow is pumping water from the trench and discharging it into a silt bag placed on the grass on the north side of Maiden Lane.

0905: Ludlow has advanced 12" DIP between Station 426+03 all the way up to and including the fire hydrant assembly at 425+48.

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1006: Ludlow has placed 12" DIP up to Station 425+00 on Maiden Lane. JTC is present to collect soil compaction data.

1255: Ludlow has finished placing 12" DIP on Maiden Lane. End Station: 424+00. Ludlow is currently placing and compacting fill.

### Daily Activities – Installation of 12" DIP, Route 68, Durham

Ludlow resumed the installation of 12" DIP on Route 68 today, placing pipe between Stations 603+02.5 and 603+42.

0710: Ludlow is setting up on Route 68 to resume the placement of 12" DIP.

0756: Ludlow is hammering rock on Route 68 at Station 603+50. No pipe has been placed so far.

0841: Ludlow continues hammering rock at Station 603+50. No pipe has been placed so far.

0921: Ludlow is hammering rock on Route 68 at Station 603+55. No pipe has been placed so far.

1015: Ludlow has installed a 20' piece of 12" DIP on Route 68, bringing placed pipe up to Station 603+62.

1137: JTC is at the Route 68 excavation waiting to collect soil compaction data. Ludlow is hammering rock at Station 603+75.

1314: Ludlow has installed a second piece of 12" DIP on Route 68, bringing installed pipe up to Station 603+82, which is the end station today. Ludlow is currently placing and compacting fill in the trench.

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Picture 1: Ludlow excavating on the southbound lane of Main Street at Stations 148+98 to install a curb stop. View to the east.

Res. Representative:

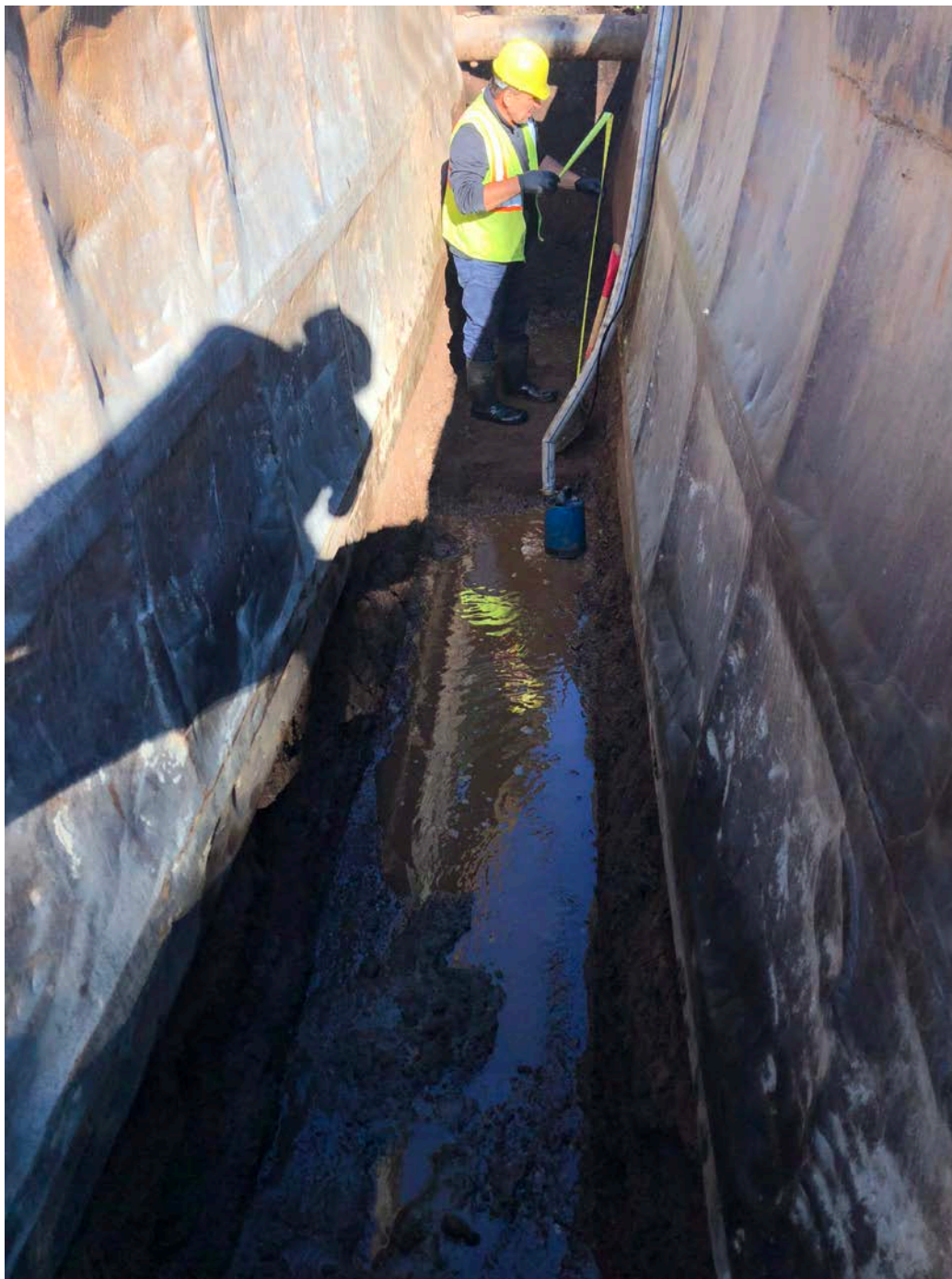
J. Meunier

Date: 6/16/20



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Picture 2: Ludlow setting up pump water out of the trench at ~Station 425+90 on Maiden Lane. View to the west.

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**Picture 3: Silt bag used to filter water pumped out of the trench at ~Station 425+90. Maiden Lane; view to the west.**



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**Picture 4: Water observed in trench while excavating for the installation of a curb stop at Station 152+71. Main Street, Durham. View to the west.**

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Picture 5: Ludlow installing a curb stop at Station 424+65, southbound lane of Main Street, Durham. View to the northeast.



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**Picture 6: Ludlow cleaning up work area at Station 425+00 with a Bocce Broom. Maiden Lane, Durham. View to the southwest.**

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Picture 7: Ludlow grading final lift of fill at the trench on Route 68, Durham. View to the southwest.

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Picture 8: Ludlow excavating to install a 1" chlorination inlet on the main water line at Station 157+64 (the intersection of Winsome Road and Main Street). View to the east.