

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 23, 2020
<b>Location:</b>	Maiden Lane, Main Street, and the Shared Access Driveway	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	126
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 11

### Weather Conditions

**Conditions:** Daylight hours. Partly sunny. Winds variable 0-5 mph.  
**Temperature (°F):** High 89°F Low 71°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	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	2	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

**Visitors:** None.

### Pipe Connections, Installations, and Other Work

Ludlow installed two curb stops on the east side of Main Street at Stations 177+10 and 178+55.

DN Tanks continued to construct cement forms for the water tank.

Ludlow installed 12" DIP on Pickett Lane and 8" DIP and a hydrant on Brick Lane.

### Compaction Testing

Soil compaction testing was not performed today. 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:

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

**Res. Representative:**

J. Meunier

**Date:** 7/23/20

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### Daily Activities – Installation of DIP, Maiden Lane and Brick Lane, Durham

Ludlow installed 12" DIP on Maiden Lane. Ludlow also installed 8" DIP and a hydrant on Brick Lane.

0715: Ludlow is staging on Maiden Lane at Station 408+97 (west of where Maiden Lane intersects with Brick Lane) in order to resume the installation of 12" DIP. Ludlow has begun excavate on the north side of the road for the installation of 12" DIP.

808: Ludlow is resuming the installation of 12" DIP on Maiden Lane, starting at Station 408+97 and working east. Ludlow has installed pipe up to Station ~409+55.

0857: Ludlow is removing asphalt from the top of the trench on Maiden Lane near the intersection of Brick Lane. Ludlow currently has installed 12" DIP up to Station ~409+95.

0945: Ludlow has 12" DIP installed to Station ~410+30 on Maiden Lane.

1043: Ludlow continues to install 12" DIP on Maiden Lane.

1128: Ludlow is installing a 12"x12"x8" M.J. C.L.D.I. TEE with two 12" M.J. gate valves and valve boxes; and one 8" gate valve and valve box at Station 410+47.

1241: Ludlow is excavating on Brick Lane, moving north from Station 410+47. Ludlow has installed a 20' section of 8" DIP coming off a gate valve at Station 410+07, heading north on Brick Lane.

1253: Ludlow is installing a 17' section of 8" DIP on Brick Lane.

1303: Ludlow attaches an 8"x6" TEE and a 6" gate valve and valve box to the 17' section of 8" DIP they just installed.

1358: Ludlow has a hydrant installed on Brick Lane, approximately 45' north of Maiden Lane. The pumper nozzle of the hydrant is 30" from the edge of pavement.

### Daily Activities – Installation of Curb Stops, Main Street, Durham

Ludlow installed two curb stops on the east side of Main Street at Stations 177+10 and 178+55.

0724: Ludlow is excavating to install a curb stop at 313 Main Street, Station 177+10. One Ludlow laborer and one private flagger are providing traffic management. The curb stop is set back 35.5' from the edge of pavement.

0826: Ludlow is hammering rock at Station 177+10.

0927: Ludlow is excavating at Station 178+55 on the northbound lane of Main Street in order to install a curb stop for 307 Main Street. Ludlow is finishing up installing a curb stop at Station 177+10.

1028: Ludlow continues to install a curb stop at 307 Main Street; Station 178+55.

1056: Ludlow continues to install a curb stop at 307 Main Street; Station 178+55.

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1210: Ludlow continues to install a curb stop at 307 Main Street; Station 178+55.

1318: Ludlow has finished the installation of a curb stop at Station 178+55. Ludlow is currently placing loam on unpaved areas of the work zone and are compacting fill in those areas of the trench that will receive hot patch.

### **Daily Activities – DN Tanks Mobilization, Shared Access Driveway, Middletown**

DN Tanks continued to construct forms for the water tank.

0740: DN Tanks is working at the water tank footprint to the east of the Shared Access Driveway. They are currently installing rebar hook bars to the concrete form for the frost wall.

1141: DN Tanks has rebar hook bars installed around the periphery of the concrete pour form for the frost wall. They are currently attaching a piece of rebar along the top of the hook bars around the perimeter of the tank footprint. DN Tanks is almost finished building forms for the 12 wall panels of the water tank.

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Picture 1: Ludlow beginning to excavate on Maiden Lane to begin installing 12" DIP. View to the west.



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Picture 2: Ludlow excavating on the east side of Main Street at Station 177+10 for the installation of a curb stop at 313 Main Street, Durham. View to the east.



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Picture 3: DN Tanks installing hook bars on the concrete form surrounding the water tank footprint to the east of the Shared Access Road. View to the east.



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Picture 4: Ludlow hammering rock at Station 178+55. Main Street, Durham. View to the east.

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**Picture 5: DN Tanks placing rebar on the top of the hook bars on the concrete form surrounding the water tank footprint to the east of the Shared Access Road. View to the east.**

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Picture 6: Ludlow excavating for the installation of a curb stop at Station 178+55. Main Street, Durham. View to the east.



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Picture 7: Ludlow installing an 8" water main stub for a hydrant on Brick Lane. View to the north.

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Picture 8: Ludlow installing a hydrant on Brick Lane. View to the west.

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