

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	June 19, 2020
<b>Location:</b>	Maiden Lane, Main Street, and Route 68, Durham	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	102
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 11

### Weather Conditions

**Conditions:** Daylight hours. Sunny. Winds variable 0-8 mph.  
**Temperature (°F):** High 83°F Low 64°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	3	x	8
				Municipal Police Detail	0	x	8
				State Police Detail	3	x	8

**Visitors:** None.

### Pipe Connections and Installations

Ludlow resumed the installation of 12" DIP on Route 68, placing pipe between Station 606+87 and Station 609+53. This includes the installation of a corporation stop at Station 609+36 and a hydrant assembly at Station 609+50.

Ludlow installed 12" DIP from Stations 418+75 to 416+04 on Maiden Lane in Durham. This includes the installation of corporation stops at Stations 418+50 and 417+18.

Ludlow installed a hydrant at Station 200+01 on Main Street in Durham.

### Compaction Testing

Soil compaction testing was performed today on Main Street, 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:** 6/19/20

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

### Additional Data

Yesterday's end Station 606+84. This includes placement of a 12"x12"x8" M.J. C.L.D.I. Tee with a 12" gate valve and valve box and an 8" gate valve and valve box at Station 920+80 and a 12"x8" M.J. C.L.D.I. reducer at Station 606+87.

### Daily Activities – Installation of a Hydrant, Main Street, Durham

Ludlow installed a hydrant at Station 200+01 on Main Street in Durham.

0734: Ludlow is excavating the southbound lane of Main Street at Station 200+01 in order to install a fire hydrant on the east side of the road.

0837: Ludlow is hammering rock at Station 200+01. JTC arrives on site to collect soil compaction data.

0949: Ludlow has the trench on the southbound lane of Main Street at Station 200+01 almost backfilled. Ludlow is getting ready to excavate on the northbound lane next.

1050: Ludlow is hammering rock on the northbound lane of Main Street at Station 200+01.

1219: Ludlow has a hydrant installed at Station 200+01. They are currently placing and compacting fill in the trench.

1245: Ludlow is placing and compacting hot patch at Station 200+01.

### Daily Activities – Tree Removal, Pickett Lane, Maple Avenue, Durham

Ludlow's subcontractor Northern Tree Services removed trees for stream crossings today.

0742: Northern Tree Services is taking down trees for the stream crossing at ~Station 511+75.

0845: Ludlow has a private flagger at ~Station 511+75 to manage traffic while Northern Tree Services remove trees from the stream crossing.

0900: Northern Tree Service is removing trees from the stream crossing at ~Station 532+00.

1022: Northern Tree Services continue to remove trees from the stream crossing at ~Station 532+00.

1205: Northern Tree Services are removing trees from the west side of the intersection of Maple Avenue and Old Cemetery Road

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

Ludlow installed 12" DIP from Stations 418+75 to 416+04 on Maiden Lane in Durham.

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0700: Ludlow resumes the placement of 12" DIP on Maiden Lane at Station.

0759: Ludlow has placed a corporation stop on Maiden Lane at Station 418+50.

0850: Ludlow has 12" DIP installed to Station 417+80 on Maiden Lane.

1007: Ludlow continues to place 12" DIP on Maiden Lane and has advanced the installation of pipe up to ~Station 417+15. This includes the installation of a corporation stop at Station 417+18.

1138: Ludlow continues to place 12" DIP on Maiden Lane; they have placed pipe up to Station 416+10 so far.

1310: Ludlow stops the installation of 12" DIP on Maiden Lane at Station 416+04. Ludlow is currently placing and compacting fill.

1350: Ludlow finishes placing 12" DIP today. End station for pipe installation is Station 418+75.

### Daily Activities – Saw Cutting of Pavement, Maple Avenue, Durham

Ludlow saw cut pavement today.

0827: Ludlow begins to saw cut pavement on Maple Avenue, starting at the intersection with Route 68 and moving south.

0936: Ludlow has saw cut pavement up to Station 917+50 on Maple Avenue.

1057: Ludlow is saw cutting pavement from the intersection of Maple Avenue and Route 68, working north.

1157: Ludlow continues saw cutting on Maple Avenue. The mark-outs for the trench cut-outs extend north to 175 Maple Ave (~Station 925+00).

1315: Ludlow's saw cutting activities on Maple Avenue ends as personnel are shifted to cover traffic management; additional cutting is required to complete the run between Route 68 and ~Station 925+00.

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

Ludlow resumed the installation of 12" DIP on Route 68, placing pipe between Station 606+87 and Station 609+53.

0715: Ludlow resumes the placement of pipe on Route 68. One State Trooper and one private flagger are providing traffic management. Ludlow is placing 8" DIP from Station 606+84, heading to the west.

0818: Ludlow has 8" DIP installed up to ~Station 607+20.

0921: Ludlow has 8" DIP placed to Station 608+00.

1105: Ludlow has placed 8" DIP up to Station 608+45.

1152: Ludlow has placed 8" DIP up to Station 609+05 on Route 68. This includes the installation of a corporation stop at Station 609+36 and a hydrant assembly at Station 609+50.

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1312: JTC is getting ready to collect soil compaction data on Route 68.

1320: Ludlow ends the placement of 8" DIP on Route 68 at Station 609+53.

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Picture 1: Ludlow begins to excavate at the intersection of Maple Avenue and Route 68. View to the southwest. Station 606+87, Durham



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Picture 2: Ludlow beginning to excavate for the installation of a hydrant at Station 200+01; Main Street, Durham. View to the northeast.

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Picture 3: Northern Tree Service removing trees from ~Station 511+75. Picket Lane, Durham. View to the north.

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Picture 4: Ludlow saw cutting pavement at Station 920+00, on Maple Avenue, Durham. View to the northwest.

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**Picture 5: Northern Tree Service removing trees from ~Station 532+00. Picket Lane, Durham. View to the northwest.**

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Picture 6: Ludlow compacting fill on Pickett Lane, Durham. View to the west.

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Picture 7: Northern Tree Service removing trees from the west side of the intersection of Maple Avenue and Old Cemetery Road. View to the west.

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