

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	July 9, 2020
<b>Location:</b>	Pickett Lane, Maiden Lane, and Main Street, Durham	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	116
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 9

### Weather Conditions

**Conditions:** Daylight hours. Partly sunny. Winds variable 0-5 mph.  
**Temperature (°F):** High 88°F Low 70°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	0	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	1	X	8

**Visitors:** None.

### Pipe Connections, Installations, and Other Work

Ludlow continued work on the stream crossing on Pickett Lane at Station ~511+00.

Ludlow saw cut pavement on Main Street in Durham.

### 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:** 7/09/20

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### Daily Activities – Stream Crossing, Pickett Lane, Durham

Ludlow continued work on the stream crossing on Pickett Lane at Station ~511+00.

0715: Ludlow is removing a trench box from the west side of Allyn Brook and is beginning to backfill over 12" DIP that was installed yesterday. There is currently a fair amount of silt being released to the brook. Traffic management is being provided by two Ludlow personnel.

0757: Ludlow is removing the sandbags from upstream and downstream of the work zone in the brook. Elevated turbidity is observed in the brook as water flows over the top layer of fill that was played over the 36" conduit.

0829: Ludlow has removed the 40" corrugated plastic stream flow bypass culvert from the brook.

0919: Ludlow is excavating a test pit on the west side of Pickett Lane at Station ~509+50 to identify subsurface utilities.

0924: Ludlow is draining the frac tank into the filter bed located on the east side of Allyn Brook. The water coming out of the tank is fairly free of turbidity.

1015: Ludlow has drained half of the frac tank into the filter bed. They are currently draining the second half of the tank into a storm drain that has been outfitted with a silt sock. The water coming from the frac tank is clear.

1034: Ludlow excavating on Pickett Lane at Station ~509+25 (west of Allyn Brook).

1120: Ludlow continues to excavate on Pickett Lane at Station ~509+20.

1141: Ludlow is placing a 15' section of 12" DIP at Station ~509+10 that includes a 12" M.J. C.L.D.I. 45° bend.

1158: Ludlow has bolted the 15' section of 12" DIP to a previously installed gate valve.

1239: Ludlow places a 5' section of 12" DIP after the 45° bend at Station ~509+15.

1255: Ludlow installed a 20' section of 12" DIP to the 5' section they just installed. The pipe is angled to the northeast; the end of the pipe is just north of the sidewalk located on the north side of Pickett Lane.

1310: Ludlow is erecting silt fence on the west bank of Allyn Brook.

1340: Ludlow has installed another 20' section of 12" DIP. This is the last piece Ludlow installed today.

### Daily Activities – Saw Cutting of Pavement, Main Street, Durham

Ludlow saw cut pavement on Main Street in Durham.

0730: Ludlow is saw cutting pavement on the southbound lane of Main Street at Station 177+05.

0839: Ludlow is saw cutting pavement on Main Street at Station 178+80.

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0935: Ludlow's saw cutting machine breaks down

1219: Ludlow is saw cutting pavement on the southbound lane of Main Street just north of the intersection of Route 147.

### Daily Activities – Miscellaneous Activities

One of Ludlow's crew was short an equipment operator today. They worked on various miscellaneous tasks today.

0725: Ludlow is fixing silt fence on the north side of Maiden Lane.

0900: Ludlow is cleaning road at Station 530 with the Bocce Broom.

1045: Ludlow is mobilizing large sandbags to the other stream crossing on Pickett Lane at Station 530+00.

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Picture 1: Ludlow saw cutting pavement on the southbound lane of Main Street, Durham. View to the southwest.



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Picture 2: Ludlow removing upstream coffer dam of sandbags. Allyn Brook looking north. Pickett Lane, Durham.

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Picture 3: Ludlow removing stream bypass conduit. Allyn Brook, looking north. Station ~511+00, Pickett Lane, Durham.

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Picture 4: Ludlow excavating on Pickett Lane at Station ~509+10. View to the northwest.

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Picture 5: Ludlow about to place 12" DIP and a 45° bend at Station ~509+15. View to the northeast. Pickett Lane, Durham.



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Picture 6: Ludlow installing silt fence on the west side of Allyn Brook. View to the west. Station ~509+50, Pickett Lane, Durham.