

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 17, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	122
Contractor:	Ludlow Construction	Page:	1 of 8

Weather Conditions

Conditions: Daylight hours. Partly sunny. Winds variable 0-3 mph.
Temperature (°F): High 74°F Low 66°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	2	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow continued work on the stream crossing on Hersig Brook at Station ~532+00 on Pickett Lane, Durham.

Ludlow installed curb stops today on the east side of Main Street at Stations 168+81 and 168+04.

DN Tanks continued to mobilize materials and equipment to the water tank footprint at the eastern end of the Shared Access Driveway.

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/>

Res. Representative:

J. Meunier

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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 – Stream Crossing, Hersig Brook, Durham

Ludlow continued work on the stream crossing on Hersig Brook on Pickett Lane at Station ~532+00.

0720: Ludlow added a rubber gasket between the 36" conduit and 12" DIP on north side of Hersig Brook stream crossing yesterday afternoon. In addition, Ludlow installed an 8' section of 12" DIP, followed by a 12" DIP 45° bend, followed by a 12' section of 12" DIP on the north side of Hersig Brook.

0833: Ludlow is blowing sand into the interstitial space between the 12" DIP and the 36" conduit at the Hersig Brook stream crossing on Pickett Lane.

1030: Ludlow has the south bank of Hersig Brook backfilled. Ludlow continues to blow sand into the interstitial space between the 12" DIP and the 36" conduit running beneath the stream bed.

1142: Ludlow continues to blow sand into the interstitial space between the 12" DIP and the 36" conduit at the Hersig Brook stream crossing using an air compressor. They have placed rock and rip rap on the south bank of the work area.

1345: Ludlow is backfilling the north side of the stream bank at the Hersig Brook stream crossing work zone work.

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

Ludlow saw cut pavement on Main Street in Durham.

0710: Ludlow is setting up to saw cut pavement on the southbound lane of Main Street, Durham, at Station ~184+50. One private flagger is providing traffic management.

0831: Ludlow continues to saw cut pavement at Station ~184+50.

1246: Ludlow continues to saw cut pavement on the southbound lane of Main Street, Durham. They are currently working in front of 252 Main St.

1315: Ludlow continues to saw cut pavement on Main Street.

Daily Activities – Installation of Curb Stops, Durham

Ludlow installed curb stops today on the east side of Main Street at Stations 168+81 and 168+04.

0815: Ludlow starts trenching to install a curb stop at Station 168+81.

0815: Ludlow continues curb stop installation activities at Station 168+81. Ludlow is currently placing the 1" copper line beneath a concrete sidewalk. The curb stop will be 28' off edge of pavement.

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1010: Ludlow has the trench at Station 168+81 backfilled and compacted. This curb stop brings service to 354 Main Street. Ludlow is currently excavating the southbound lane of Main Street to place a curb stop at 357 Main Street (Liberty Bank) at Station 168+04.

1102: Ludlow continues to install a curb stop at Station 168+04. They have excavated across the southbound lane of Main Street and are tapping the waterline to add a corporation stop.

1256: The curb stop at Station 168+04 has been installed 34.5' from the edge of pavement. This curb stop was installed short because the plan location for the curb stop placed it on the sidewalk.

1337: Ludlow has finished compacting fill placed in the trench at Station 168+04.

Daily Activities – DN Tanks Mobilization, Shared Access Road, Middletown

DN Tanks continued to mobilize equipment and materials to the water tank pad at the east of the Shared Access Driveway.

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Picture 1: 12" DIP and 45° bend that Ludlow installed on the north side of the Hersig Brook stream crossing yesterday. Pickett Lane, Durham; Station ~532+00. View to the south.

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Picture 2: Ludlow preparing to saw cut pavement on Main Street, Durham. View to the north.

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Picture 3: Curb stop installation at Station 161+81, Main Street, Durham. View to the east

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Picture 4: Ludlow cleaning work zone with the Bocce Broom at the Hersig Brook stream crossing. Station ~532+00, Pickett Lane, Durham. View to the north.

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Picture 5: South bank of Hersig Brook after Ludlow placed riprap. View to the south. Station ~532+00, Pickett Lane, Durham.