

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 15, 2020
Location:	Pickett Lane, Main Street, and the Shared Access Driveway	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	120
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours. Partly sunny. Winds variable 0-9 mph.
Temperature (°F): High 79°F Low 60°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	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 Station 165+58.

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

Ludlow saw cut pavement at various locations on Main Street in Durham.

Ludlow dechlorinated the Main Street water line from Marina Place to Old Cemetery Brook 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

Date: 7/15/20

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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.

0705: Ludlow is resuming work at the Hersig Brook stream crossing at Station ~532+00. No turbidity is observed downstream of work area.

0756 Ludlow has removed the trench box from work area at north side of Hersig Brook. Ludlow is waiting for a load of gravel to arrive so they can backfill.

0902: Ludlow has moved the 40" plastic corrugated flow bypass culvert to the north side of Hersig Brook. They are also adjusting the sandbags to prevent water from entering the work zone.

1027: Ludlow is continuing with stream crossing activities at Hersig Brook. They are currently using the excavator to drive sheeting into the ground adjacent to the trench box to help prevent water from migrating into the work zone.

1139: Ludlow is currently excavating soil from the steam bed and live loading into waiting dump trucks at the Hersig Brook stream crossing at Station ~532+00.

1151: Ludlow is grinding the end of the previously installed 36" conduit that will be welded to a second piece of 36" conduit they are about to install.

1213: Ludlow is placing 36" conduit into the stream bed as part of stream crossing activities at Hersig Brook at Station ~532+00.

1301: Ludlow is currently welding two pieces of 36" conduit together in the stream bed of Hersig Brook as part of stream crossing activities.

1334: Ludlow continues to weld 36" conduit together at Station ~532+00 at Hersig Brook.

Daily Activities – Dechlorination of water line, Main Street, Durham

Ludlow dechlorinated the Main Street water line from Marina Place to Old Cemetery Brook in Durham.

0745: Ludlow is dechlorinating the waterline from Marina Place to Old Cemetery Road.

1104: Ludlow and its subcontractor continue to dechlorinate the Main Street waterline from Marina Place to Old Cemetery Road.

1351: Ludlow and its subcontractor continue to dechlorinate the Main Street waterline from Marina Place to Old Cemetery Road.

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

Ludlow saw cut pavement at various locations on Main Street in Durham.

0712: Ludlow is preparing to saw cut pavement on Main Street at Station 181+57.

0723: Ludlow is saw cutting in the driveway of 303 Main Street, Durham (Station 179+49).

0808: Ludlow's pavement saw cutting machine has broken down.

0942: Ludlow has resumed saw cutting pavement at Station 179+49 on the west side of Main Street, Durham.

1340: Ludlow continues to saw cut pavement on the southbound lane of Main Street in Durham.

Daily Activities – Installation of Curb Stops, Durham

Ludlow installed curb stops today on the east side of Main Street at Station 165+58.

0716: Ludlow begins to excavate at Station 165+58 for the installation of two curb stops for 370 and 376 Main Street. Both curb stops will be installed within the same trench and both will be set back 70' from edge of pavement. Two State troopers providing traffic management.

1012: Ludlow has finished installing curb stops for 370 and 376 Main St and is in the process of backfilling the trench.

1116: Ludlow is currently placing and compacting hot patch on the backfilled and compacted trench at 370/376 Main St.

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

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

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Picture 1: Ludlow staged to begin saw cutting pavement on the driveway of 303 Main Street in Durham at Station 179+49. View is to the southeast.

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Picture 2: Work zone at the Hersig Brook stream crossing after Ludlow moved the stream flow bypass culvert to the north bank of the brook. Pickett Lane, Durham. Station ~532+00. View to the west.

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Picture 3: New location for Durham Fair Association 8" water service. Station ~900+80, Maple Avenue, Durham. View to the southwest.

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Picture 4: Two curb stops installed at Station 165+58; servicing 370 and 376 Main Street, Durham. View is to the east.

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Picture 5: Ludlow cleaning up work zone at Station 165+58. View is to the northwest. 370 and 376 Main Street, Durham.

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Picture 6: Ludlow placing and rolling hot patch to close up trench at Station 165+58. View is to the north. 370 and 376 Main Street, Durham.

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Picture 7: Ludlow excavating soil from stream bed of Hersig Brook. Pickett Lane, Durham. Station ~532+00. View to the south.

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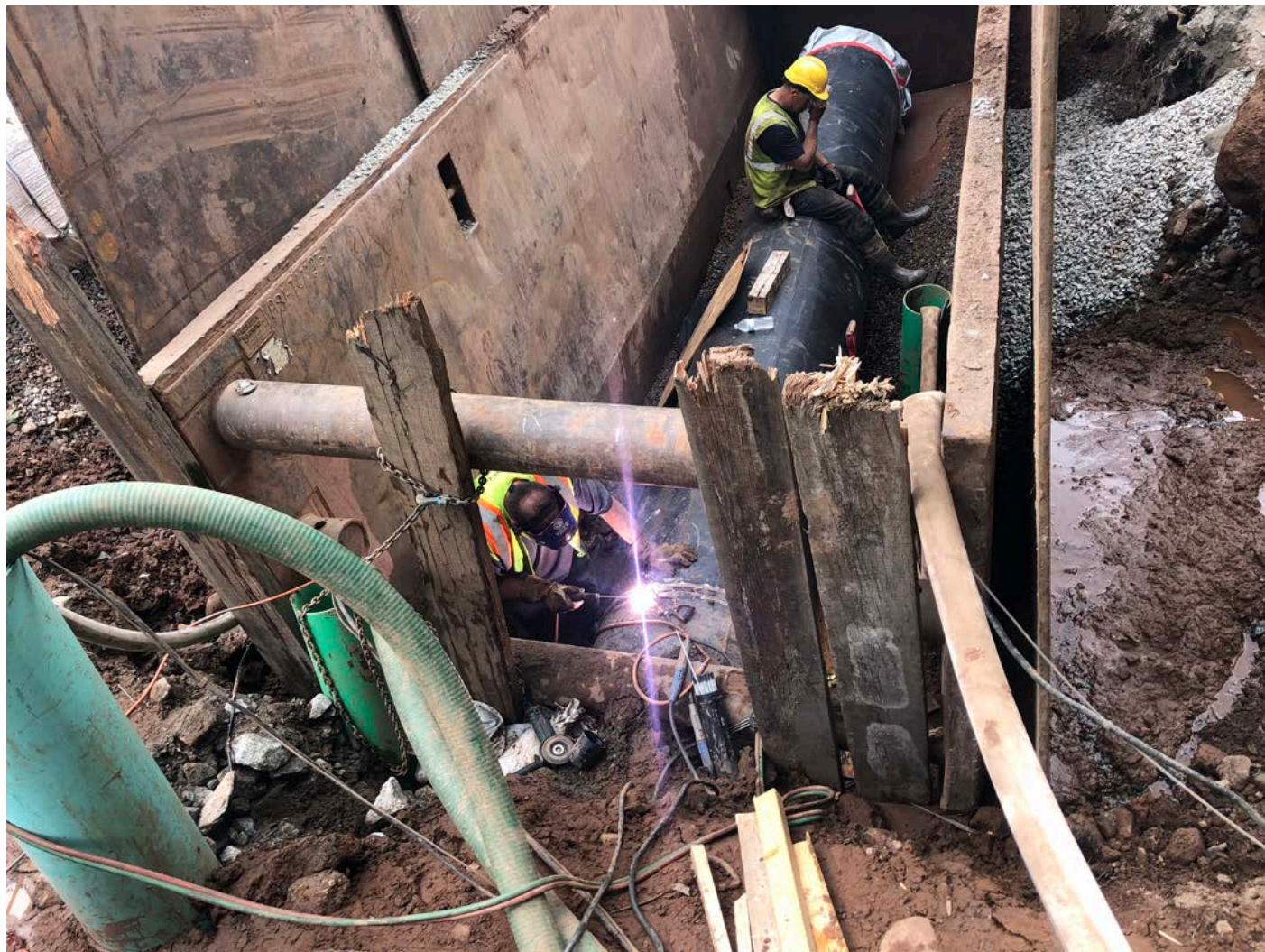


Picture 8: Ludlow placing 36" pipe sleeve in the bed of Hersig Brook. View to the south. Pickett Lane, Durham. Station ~532+00.

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Picture 9: Ludlow welding 36" conduit in the bed of Hersig Brook. View to the south. Pickett Lane, Durham. Station ~532+00.