

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 2, 2020
Location:	Maple Avenue, Pickett Lane, and the Shared Access Driveway	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	112
Contractor:	Ludlow Construction	Page:	1 of 16

Weather Conditions

Conditions: Daylight hours. Partly sunny. Winds variable 0-6 mph.

Temperature (°F): High 91°F Low 64°F

Contractors & Subcontractors Workforce					Equipment in Use									
Trade	#	x	hrs		Trade	#	x	hrs		Type	#	x	hrs	
USACE					Ludlow Construction					Concrete/Asphalt Road Saw	1	x	8	
Field Engineer	2	x	8		Superintendent	0	x	8		Dump truck	5	x	8	
					Safety Officer	1	x	8		Excavator – Large	3	x	8	
					Foreman	2	x	8		Excavator - Mid-Size	1	x	8	
					Dump truck Operator	4	x	8		Excavator - Rubber Wheeled – Rock	0	x	8	
					Excavator Operator	4	x	8		Skid Steer / Bucket Loader	1	x	8	
					Skid Steer/Bucket Loader	1	x	8		Rolling Compactor	1	x	8	
					Laborers	6	X	8		Plate Compactor	1	x	8	
					<i>Note that some persons</i>					Jumping Jack Compactor	1	x	8	
					<i>Multiple pieces equipment.</i>					Street Sweeper (Broce Broom)	1	x	8	
										Material Hopper	1	x	8	
					Sub-contractor	3	X	8		Pipe saw	1	x	8	
					Municipal Police Detail	0	X	8		Light Tower	0	x	8	
					State Police Detail	0	X	8						

Visitors:

Pipe Connections, Installations, and Other Work

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

Ludlow installed corporation stops at Stations 512+75 and 517+75 on Pickett Lane.

Ludlow continued work on the water tank footprint at the top of the Shared Access Driveway. In addition, Ludlow subcontractor Eagle Fence and Guardrail placed temporary fencing around the tank pad footprint at the top of the Shared Access Driveway.

Ludlow performed pavement saw cutting activities today on Pickett Lane and Maple Avenue.

Compaction Testing

Soil compaction testing was performed today. Compaction test data for the project can be found here:

<https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/>

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Date: 7/02/20

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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 –Shared Access Driveway, Middletown

Ludlow continued work on the water tank footprint at the top of the Shared Access Driveway. In addition, Ludlow subcontractor Eagle Fence and Guardrail placed temporary fencing around the tank pad footprint at the top of the Shared Access Driveway.

0736: Ludlow resumes the placement of structural fill at the center of the water tank footprint. Ludlow subcontractor Eagle Fence and Guardrail is placing temporary fencing around the tank pad footprint.

0802: Ludlow places another 8" lift of structural fill at the tank pad footprint, bringing the elevation up to 439.67.

0822: JTC is present at tank pad footprint to perform soil compaction test on the elevation 439.67 lift of structural fill. JTC is going to collect 4 readings from this lift.

0930: Eagle Fence has finished installing temporary fencing around water tank footprint.

0947: Ludlow continues to perform earth work at water tank footprint.

1111: Ludlow continues to refine the platform of soil that has been built up within the footprint of the tank pad at elevation 439.67. The ring surrounding the platform (for the placement of the future lean concrete footing extension) is currently at elevation 437.

1213: Ludlow continues to perform earth work at the water tank footprint. Ludlow is currently excavating a trench for the placement of the incoming supply pipe to the water tank.

1312: Ludlow is excavating a trench within the water tank footprint for the future installation of the water tank fill supply pipe.

Daily Activities – Stream Crossing, Pickett Lane, Durham

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

0814: Ludlow is placing silt fence at the top of the east bank of Allyn Brook next to the stream crossing.

1035: Ludlow has the work zone on the east bank of Allyn Brook secured with orange snow fence.

Daily Activities – Curb Stops, Pickett Lane, Durham

Ludlow installed corporation stops at Stations 512+75 and 517.75 on Pickett Lane.

0710: Ludlow is waiting for pavement to be cut at Station 512+75 for the installation of a 1" curb stop to be set back 26' from edge of pavement. Traffic management is being provided by Ludlow and one private flagger.

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0900: Ludlow has the curb stop installed at Station 512+75 and is currently backfilling trench.

1056: Ludlow starts excavating at Station 517+75 for the installation of a curb stop.

1143: Ludlow is continuing to install a curb stop at Station 517+75.

1235: Ludlow cleaning up work zone at Station 517+75. The curb stop at has been placed 17' from edge of pavement.

Daily Activities – Saw Cutting of Pavement, Pickett Lane and Maple Avenue, Durham

Ludlow saw cut on Pickett Lane at Stations 512+75 and 517.75, and on Maple Avenue from Stations 919+00 to 907+00.

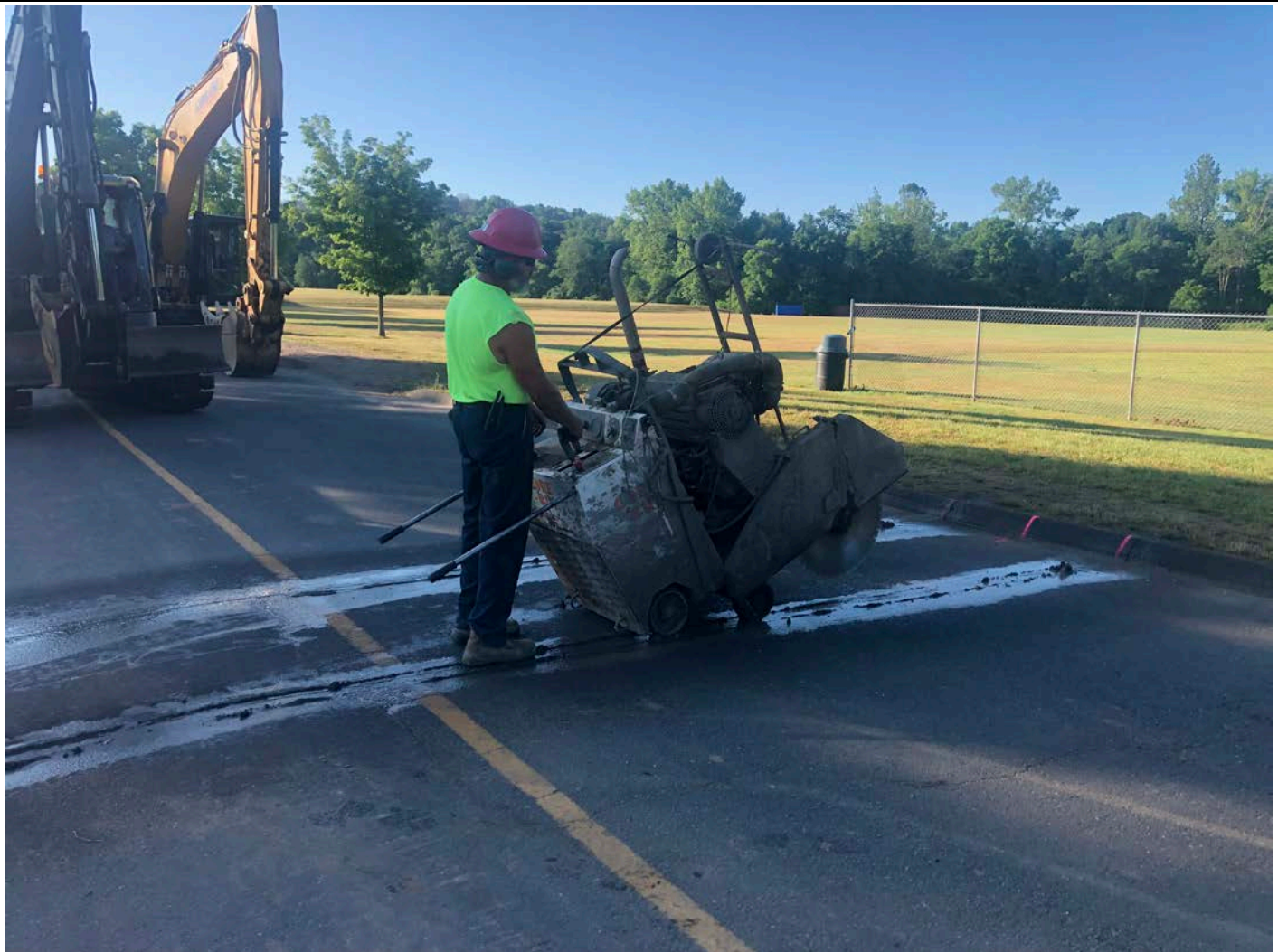
0710: Ludlow is saw cutting at Station 512+75 for the installation of a 1" curb stop set back 26' from edge of pavement. Traffic management is being provided by Ludlow and one private flagger.

1257: Ludlow has saw cut pavement on Maple Avenue from Stations 919+00 to 907+00 (approximately 135 Maple Avenue to Old Cemetery Road).

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Picture 1: Ludlow saw cutting pavement at Station 512+75. Pickett Lane, Durham. View to the southeast.

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Picture 2: Ludlow placing structural fill at the water tank footprint on the Shared Access Driveway, Middletown, Durham. View to the south.

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Picture 3: Ludlow compacting structural fill at the water tank footprint on the Shared Access Driveway, Middletown, Durham. View to the south.

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Picture 4: Temporary fencing erected around the water tank footprint at the Shared Access Driveway, Middletown, Durham. View to the south.

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Picture 5: Silt fence installed along the east side of Allyn Brook at Station ~511+00. Pickett Lane, Durham. View to the northwest.

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Picture 6: JTC preparing to collect soil compaction data at the water tank footprint at the Shared Access Driveway, Middletown, Durham. View to the west.

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Picture 7: Stream crossing work zone at Allyn Brook at Station ~511+00. Pickett Lane, Durham. View to the north.

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Picture 8: Ludlow shaping soils at elevation 437 and 439.67 at the water tank footprint. Shared Access Driveway, Middletown. View to the east.

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Picture 9: Snow fence placed around work zone on the east side of Allyn Brook at Station ~511+00. Pickett Lane, Durham. View to the northwest.

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Picture 10: Spacers placed around 12" DIP for insertion into the 36" conduit Ludlow has placed beneath the stream bed of Allyn Brook at Station ~511+00. Pickett Lane, Durham.

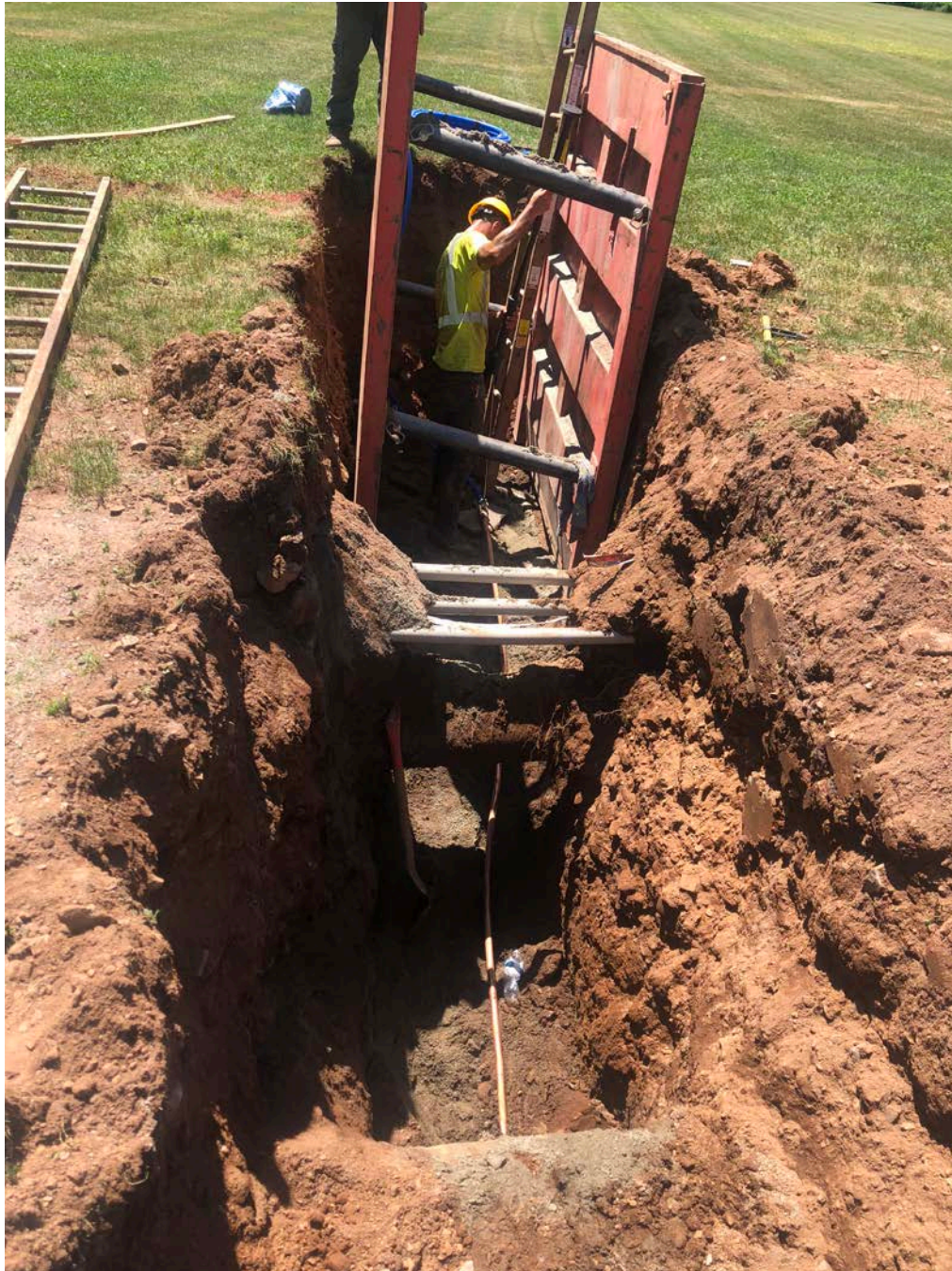
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Picture 11: Ludlow installing curb stop at Station 517+75. Pickett Lane, Durham. View to the south.

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Picture 12: Ludlow excavating trench for the placement the water tank supply pipe at the water tank footprint. Shared Access Driveway, Middletown. View to the southwest.

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Picture 13: Ludlow cleaning up work zone at Station 517+75. Pickett Lane, Durham. View to the southeast.

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