

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 28, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	86
Contractor:	Ludlow Construction	Page:	1 of 7

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-11 mph.
Temperature (°F): High 74°F Low 65°F

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

Visitors: None.

Pipe Connections and Installations

Ludlow placed 16” DIP on Main Street, Durham from Stations 203+80 to 205+47 today, including a hydrant assembly (12”x6” M.J. C.L.D.I. hydrant TEE with a 6” M.J. gate valve and gate box) at Station 203+83; a corporation stop at Station 204+42; a 16”x16”x12” M.J. C.L.D.I. TEE with two 16” M.J. butterfly valves and a 12” M.J. gate valve and gate box at Station 204+45; and a corporation stop at Station 205+30.

Ludlow continued with the placement of 12” DIP today on Pickett Lane, Durham between Stations ~538+54 and 535+00, including an air blow-off valve at ~Station 538+52.

Ludlow installed two service stops today at Stations 105+38 and 115+32 South Main Street, Middletown.

Compaction Testing

Compaction testing was performed today on soils at Main Street. Compaction test data can be found here:

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

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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

No work was performed today on the Shared Access Driveway.

Daily Activities – South Main Street, Middletown

Ludlow installed two service stops today at Stations 105+38 and 115+32.

0717: Ludlow has begun to excavate for the installation of another curb stop on South Main Street: northbound lane in Middletown at Station 105+38. Cromwell and Middletown police are providing traffic detail.

0747: Ludlow has trench almost open on northbound lane at Station 105+38 (Middletown).

0850: Ludlow has northbound lane of the excavation at Station 105+38 almost backfilled and they are about to cover it with steel plate and move to the south-side portion of the excavation to complete the service corporation installation. A 1" copper line and a curb stop have been installed.

0910: Ludlow excavating across the southbound lane of South Main Street (at Station 105+38) to complete the curb stop they are installing.

0958: Ludlow just finished tapping the main waterline at Station 105+38 to make the connection to the curb stop. Ludlow is currently backfilling the excavation.

1104: Ludlow has just finished placing a service corp at Station 105+38.

1233: Ludlow is at Station 115+32 installing another curb stop. They are currently excavating on the southbound lane of South Main Street.

Daily Activities – Maiden Lane, Durham

The only work that Ludlow performed today on Maiden Lane was the addition of 12" DIP that was connected to one of the three 12" M.J. valves installed yesterday at Station 426+03. Additional detail is provided in the write-up for Pickett Lane.

Daily Activities – Pickett Lane, Durham

Ludlow continued with the placement of 12" DIP today on Pickett Lane between Stations 530+76 and 535+00.

0708: Ludlow excavating across Maiden Lane heading south onto Pickett Lane. They will start placing 12" DIP at the three way valve they placed yesterday on Maiden Lane at Station 426+03.

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0729: Ludlow has exposed the southern valve of the three-way valve assembly installed yesterday at Station 426+03 in order to connect 12" DIP to the south-facing valve.

0835: Ludlow is pumping water out of trench on Picket Lane. Ludlow installed an air blow-off valve at ~Station 538+52 (right next to where the 12" DIP meets the three-way valve assembly).

0930: Ludlow continues to place 12" DIP on Pickett Lane. The 11 1/4" bend called for in the plans at Station 538+18 was not placed as it was deemed unnecessary by the Ludlow foreman.

1150: Ludlow has 12" DIP placed up to Station 503+25.

1320: Ludlow finishes placing 12" pipe at Station 535+00.

Daily Activities – Main Street, Durham

Ludlow continued placing 16" DIP today on the southbound lane of Main Street from Stations 203+80 to 205+30. Traffic detail was provided by CT State Police.

0705: Ludlow staging to set up on Main Street in Durham.

0712: Ludlow starting to set up on Main Street. Only one state trooper currently present to provide traffic detail. The southbound lane of Main Street has been shut down to traffic.

0735: Ludlow has resumed placement of 16" DIP where they left off yesterday at Station 203+80 on the south bound lane of Main Street in Durham.

0814: Ludlow installs hydrant assembly (12"x6" M.J. C.L.D.I. hydrant TEE with a 6" M.J. gate valve and gate box) at Station 203+83.

0917: JTC is on site at the Main Street, Durham work zone to perform soil compaction testing. Ludlow continues to place 16" DIP on Main Street, and is preparing to place a corporation stop at Station 204+42.

1035: Ludlow has a corporation stop placed at Station 204+42 and a 16"x16"x12" M.J. C.L.D.I. TEE with two 16" M.J. butterfly valves and a 12" M.J. gate valve and gate box at Station 204+45. This brings placed 16" DIP up to ~204+48.5.

1123: Ludlow is continuing to place 16" DIP on Main Street, Durham. They are currently excavating at ~Station 204+70.

1220: Ludlow is about to place a corporation stop at Station 205+30.

1249: Ludlow finished placing 16" DIP for the day at Station 205+47. A corporation stop has been placed at Station 205+30. Ludlow is currently placing and compacting fill, getting it ready to be closed up with hot patch.

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Payment Items:



Picture 1: Ludlow excavating across Maiden Lane heading south onto Pickett Lane. View to the south. Durham, CT.

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Picture 2: Air blow-off valve installed at ~Station 538+52 (right next to where the 12" DIP meets the three-way valve assembly). Maiden Lane, Durham, CT.
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Picture 3: Water observed in trench while placing 12" DIP at Station 537+50. Pickett Lane, Durham, CT.

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Picture 4: The 16"x16"x12" M.J. C.L.D.I. TEE with two 16" M.J. butterfly valves and a 12" M.J. gate valve and gate box that was installed at Station 204+45 Main Street, Durham, CT (Intersection with Pickett Lane).

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