

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 1, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and Shared Access Driveway, Middletown;	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	88
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-13 mph.
Temperature (°F): High 63°F Low 45°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	2	x	8	Pipe saw	1	x	8
					Municipal Police Detail	2	x	8	Light Tower	0	x	8
					State Police Detail	2	x	8				

Visitors: John Ewanowski, Middletown Water and Sewer Department

Pipe Connections and Installations

Ludlow placed 12" DIP from Stations 500+03 to 501+00 Pickett Lane today, including a corporation stop at ~Station 500+04.

Ludlow placed three hydrants on Pickett Lane today at Stations 534+30, 529+92, and 524+76.

Ludlow installed two curb stops today at Stations 117+64 and 118+94.5 South Main Street, Middletown.

Compaction Testing

Compaction testing was performed today on soils at the work performed on Main Street, Middletown. Compaction test data 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:** 6/01/20

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Daily Activities – Saw Cutting, Durham

Ludlow performed saw cutting of asphalt at several locations today.

0840: Ludlow is currently saw cutting pavement on Pickett Lane at Station 529+64, after having just finished saw cutting at Station 529+90.

0852: Ludlow is currently saw cutting pavement at Station 525+78.

0936: Ludlow saw cutting at Station 514+00. North side of the road cut outs for a water service and around and an existing curb box.

1010: Ludlow set up to saw cut pavement at Station 509+00 on the north side of Pickett Lane.

1243: Ludlow is saw cutting on Haddam Quarter Road near where it intersects Main Street.

Daily Activities – Installation of Curb Stops, South Main Street, Middletown

Ludlow installed two curb stops today at Stations 117+64 and 118+94.5.

0727: Ludlow is setting up a work zone on South Main Street in Middletown, CT. One lane of traffic has been shut down. One Middletown police officer is directing traffic.

0750: Ludlow is excavating at Station 117+64, on the northbound lane of South Main Street in Middletown to continue the installation of curb stops.

0904: JTC is present at Station 117+64 to perform soil compaction testing.

1140: Ludlow breaking pavement at Station 118+94.5 to install a 1" curb stop on east side of South Main Street, Middletown.

1305: Ludlow is compacting fill at Station 118+94.5. Ludlow has placed the curb stop and has added ~7' of 1" blue PVC as a riser. Ludlow still has to excavate across the southbound lane to connect the 1" copper service line to the corporation stop on the 16" water main.

Daily Activities – Chlorination of Water Lines, Middletown and Durham

Ludlow chlorinated several water lines today with a 15% solution of sodium hypochlorite with the assistance of the City of Middletown Water and Sewer Department and Ludlow subcontractor JMS Connections.

0735: AECOM spoke with John Ewanowski (Middletown Water and Sewer Department) who is staged at the Talcott Ridge Drive cul-de-sac hydrant. He said his department was assisting Ludlow today as they chlorinated water lines running from the (future) water tank to the cul-de-sac hydrant; water lines on Watch Hill Drive; and several water lines in Durham. John stated that dechlorination would be performed on Wednesday.

1152: JMS connections is chlorinating at the fire hydrant on Little Lane near where it intersects with Main Street in Durham.

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Daily Activities – Placement of 12" DIP on Pickett Lane

Ludlow placed 12" DIP today from Stations 500+03 to 501+00.

0715: Ludlow is setting up to place 12" DIP from the intersection of Main Street and Pickett Lane, moving east on Pickett Lane.

0822: Ludlow placing a piece of 12" DIP across the north and south lane of Main Street starting at Station 500+03, across from where it intersects with Pickett Lane. A 1" corporation stop has been placed at ~Station 500+04 as a dechlorination point. Two state troopers are currently providing traffic detail.

0924: Ludlow is continuing to excavate and place 12" DIP as they move east on Pickett Lane. They daylight an 18" steel corrugated storm drain and what looks to be 3" steel conduit for electric on the northbound lane of Main Street at the intersection of Pickett and Main.

1104: Ludlow has 12" DIP placed up to ~Station 500+25.

1224: Ludlow is working on Pickett Lane near the intersection of Main Street, placing 12" DIP. They have sawn through an 18" storm drain at ~Station 500+55 to place the 12" DIP, and are going to repair it with a section of 12" PVC and Fernco boots.

1320: Ludlow has the storm drain at ~Station 500+55 repaired with 12" PVC. Ludlow has 12" DIP connected from what was already installed on Pickett Lane up to Station 501+00, across the intersection of Main Street to a Tee at Station 500+03. At Station 500+65, Ludlow daylighted a 4" PVC conduit and a 4" black cast-iron conduit located about 3' below ground surface. The iron pipe was broken, which Ludlow is working to address.

Daily Activities – Placement of Hydrants on Pickett Lane

Ludlow placed three hydrants on Pickett Lane today at Stations 534+30, 529+92, and 524+76.

0720: Ludlow is setting up to place hydrant assemblies on Pickett Lane today, starting at Station 534+30.

0834: Ludlow is placing a hydrant at Station 534+30 on Pickett Lane.

0942: Ludlow is finishing up with hydrant installation at Station 534+30, and is currently compacting soil around the hydrant and placing valve stem and curb box over the valve box.

1045: Ludlow excavating to place another hydrant at Station 529+91.5

1208: Ludlow has a hydrant placed at Station 529+91.5 and is currently placing and compacting fill. Ludlow used 6" DIP to connect the hydrant to the 12" DIP main waterline.

1348: Ludlow is placing a hydrant assembly at Station 524+76.

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Daily Activities – Main Street, Durham

12" DIP was placed from the intersection of Main Street and Pickett Lane. Today's work is described above in the discussion regarding Pickett Lane.

Payment Items:

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Picture 1: Ludlow begins excavation for placement of 12" DIP at intersection of Pickett Lane and Main Street. Station 500+03, Main Street, Durham. View to the southwest.

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Picture 2: Ludlow saw cutting on Pickett Lane, Durham. View to the southeast.

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Picture 3: JTC performing soil compaction testing at Station 117+64. South Main Street, Middletown. View to the southeast.

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Picture 4: Ludlow compacting backfill around hydrant installed at Station 534+30. Pickett Lane, Durham. View to the northwest.

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Picture 5: JWS Connections injecting sodium hypochlorite into water line at intersection of Talcott Ridge Drive and Main Street. View to the southwest.

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Picture 6: Storm drain pipe that was cut during the installation of 12" DIP on Pickett Lane at ~Station 500+55. View to the west.

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Picture 7: Repair of corrugated steel storm drain pipe that was cut during the installation of 12" DIP on Pickett Lane at ~Station 500+55. View to the west.

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Picture 8: PVC conduit and broken cast iron conduit daylighted at ~Station 500+65 during the installation of 12" DIP on Pickett Lane, Durham. View to the west.

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