

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 21, 2020
Location:	Maple Avenue and Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	143
Contractor:	Ludlow Construction	Page:	1 of 10

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-6 mph.

Temperature (°F): High 83°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	1	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
Northeastern Steel					Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
Superintendent	1	x	8		Excavator Operator	4	x	8	Skid Steer / Bucket Loader	1	x	8
Laborers	3	X	8		Skid Steer/Bucket Loader	1	x	8	Rolling Compactor	0	x	8
					Laborers	6	X	8	Plate Compactor	2	x	8
					<i>Note that some persons</i>				Jumping Jack Compactor	2	x	8
					<i>Multiple pieces equipment.</i>				Street Sweeper (Broce Broom)	1	x	8
									Material Hopper	0	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	1	X	8				

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks subcontractor Northeastern Steel was on site today to help with the placement and fastening of rebar for the water tank construction. DN Tanks continued working at the water tank work zone by beginning to construct a narrower concrete form for two additional the water tank side panels.

Ludlow installed curb stops at Stations 191+30, 192+37, and 193+13.

Ludlow installed 8" DIP on Talcott Lane, Durham from Stations 300+34 to 302+94.

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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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 – Water Tank Construction, Shared Access Driveway, Middletown

DN Tanks subcontractor Northeastern Steel was on site today to help with the placement and fastening of rebar for the water tank construction. DN Tanks continued working at the water tank work zone by beginning to construct a narrower concrete form for two additional the water tank side panels.

0749: Northeastern Steel and DN Tanks are placing additional rebar on the water tank footprint.

0934: Northeastern Steel and DN Tanks continue to place rebar on the water tank footprint.

1117: DN tanks and Northeastern continue placing rebar and performing other construction tasks at water tank work zone.

Daily Activities – Installation of Curb Stops, Main Street, Durham

Ludlow installed curb stops at Stations 191+30, 192+37, and 193+13.

0719: Ludlow begins to excavate a trench for installation of curb stop at 243 Main Street on the corner of Maiden and Main Street.

0827: Ludlow is going to place the curb stop at Station 191+30 (243 Main Street, Durham) on the west side of the sidewalk. The goal in placing it short is to try to save the rock wall that surrounds the property by using the pneumatic mole when they make the service connection inside the building. Traffic management is being provided by one State Trooper and one private flagger. The curb stop is 28' from the edge of pavement (as measured from Main Street).

0834: Ludlow begins to excavate at Station 192+37 (239 Main Street, Durham) Ludlow is going to tunnel underneath the historic flagstone sidewalk using the pneumatic mole in order to feed the 1" copper service line beneath the sidewalk.

1035: The curb stop for 243 Main Street is 27.5 feet from edge of pavement. JTC is present to collect soil compaction data from the portion of the trench at Station 191+30 on the northbound lane of Main Street in front of 243 Main Street, Durham.

1041: Ludlow has advanced 1" copper service line beneath the sidewalk in front of 239 Main Street as they install a curb stop. Ludlow is currently backfilling the trench.

1045: Ludlow is clearing low tree limbs in front of 235 Main Street so they can begin to excavate a trench for the installation of a curb stop at Station 193+13.

1110: Ludlow has the curb stop installed at 243 Main Street and is backfilling the trench.

1147: Ludlow continues to excavate at 235 Main Street for the installation of a curb stop. They are using a pneumatic mole to get the 1" copper service line beneath the historic flagstone sidewalk.

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1150: Steve Wright from Connecticut DOT arrived on site to assess the volume of traffic on Route 17.

1234: Ludlow is backfilling the excavation at Station 193+13 (235 Main Street). The curb stop has been installed 35' from edge of pavement.

Daily Activities – Installation of 8" DIP, Talcott, Durham

Ludlow installed 8" DIP on Talcott Lane, Durham from Stations 300+34 to 302+94.

0705: Ludlow begins to strip back pavement as they begin to excavate a trench on Talcott Lane in Durham. They are placing 8" DIP today, starting at Station 300+34.

0816: Ludlow is placing a second 20' section of 8" DIP on Talcott Lane, moving in a westerly direction.

0901: Ludlow has placed approximately 70' of 8" DIP on Talcott Lane, Durham.

1015: Ludlow has about 120' of 8" DIP installed on Talcott Lane, Durham.

1202: Ludlow is backfilling the trench on Talcott Lane as they have finished placing DIP for the day. The end of installed pipe is located at Station is 302+94.

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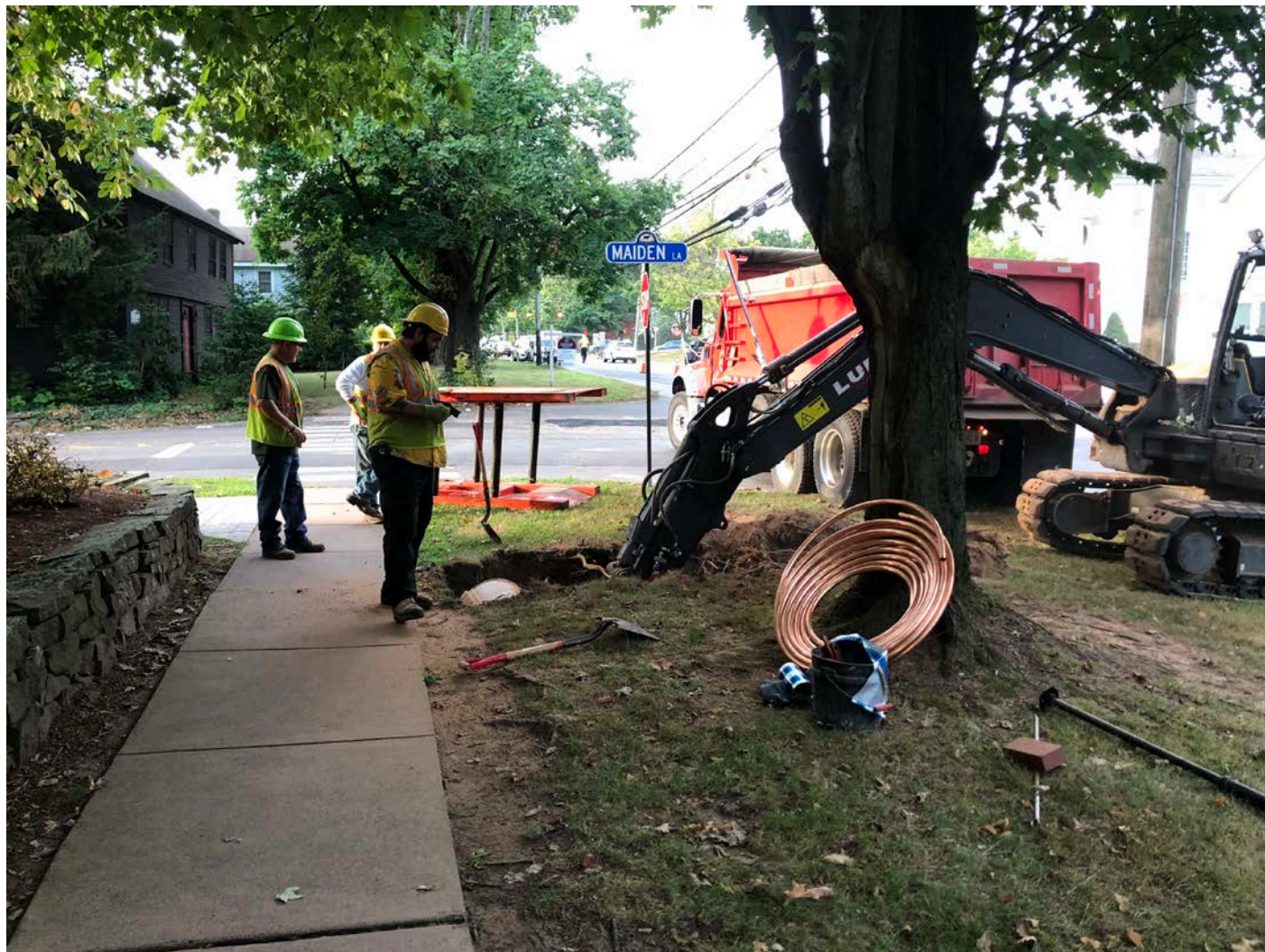


Picture 1: Ludlow installing 8" DIP on Talcott Lane, Durham, starting at Station 300+34. View to the west.

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Picture 2: Ludlow trenching at Station at Station 191+30 (243 Main Street, Durham) for the installation of a curb stop. View to the south.

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Picture 3: Northeastern Steel placing rebar on the water tank base. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the southwest.

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Picture 4: Concrete form at the water tank work zone with poly sheeting placed over concrete after being pouring yesterday. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the west.

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Picture 5: Ludlow placing curb stop at Station 191+30 (243 Main Street), Durham. View to the northwest.

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Picture 6: JTC performing soil compaction test at Station 192+37 (239 Main Street, Durham).

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Picture 7: Trench with trench boxes in place during the installation of a curb stop at Station 192+37 (239 Main Street, Durham). View to the east.

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