

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 24, 2020
Location:	Maple Avenue and Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	144
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-4 mph.
Temperature (°F): High 90°F Low 70°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	1	x	8
				Safety Officer	1	x	8
				Foreman	2	x	8
Northeastern Steel				Dump truck Operator	4	x	8
Superintendent	1	x	8	Excavator Operator	4	x	8
Laborers	3	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	3	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	1	X	8

Type	#	x	hr
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	0	x	8
Plate Compactor	2	x	8
Jumping Jack Compactor	2	x	8
Street Sweeper (Broce Broom)	1	x	8
Material Hopper	0	x	8
Pipe saw	1	x	8
Light Tower	0	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 193+31 and 194+78 on Main Street, Durham.

Ludlow installed 8" DIP on Talcott Lane, Durham from Stations 302+94 to 305+96.

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/>

Res. Representative:

J. Meunier

Date: 8/24/20

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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 – 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.

0710: DN Tanks and Northeastern Steel have resumed work at the water tank work zone located due east of the Shared Access Driveway.

1009: Northeastern Steel is continuing to place rebar on the water tank footprint. DN Tanks is constructing a narrow concrete form for 2 of the water tank side panels.

1140: Northeastern Steel is continuing to place rebar on the water tank footprint. DN Tanks is continuing to construct a narrow concrete form for two of the water tank side panels.

1345: Northeastern Steel is continuing to place rebar on the water tank footprint. DN Tanks is continuing to construct a narrow concrete form for two of the water tank side panels.

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

Ludlow installed curb stops at Stations 193+31 and 194+78 on Main Street, Durham

0729: Ludlow is setting up to install a curb stop at Station 193+31 (233 Main Street, Durham). Ludlow is currently saw cutting the asphalt driveway of the 233 Main Street residence. There are two state police troopers and one private flagger providing traffic management.

0810: Ludlow is excavating a trench at 233 Main Street. The curb stop was scheduled to be installed on the east side of the sidewalk; however: Ludlow discovered that the house foundation jutted out too far to the west, leaving inadequate room for Ludlow to work when they came back in the future to bring the service line inside the basement of the residence. Instead, the curb stop will be placed on the west side of the sidewalk. In excavating on the east side of the sidewalk, Ludlow had to remove a mature shrub.

0927: Ludlow is starting to excavate at Station 194+78 at 227 Main Street, Durham for the installation of a curb stop. Ludlow has the curb stop installed at 233 Main Street and they are currently backfilling trench.

1032: Ludlow continues with the installation of a curb stop at 233 Main Street. Ludlow is also working on the installation of a curb stop at Station 194+78 (227 Main Street, Durham).

1105: Ludlow is finishing up with the installation of a curb stop at 233 Main Street, Durham.

1252: Ludlow is in the process of installing a 1" service line for the curb stop at Station 194+78 (227 Main Street, Durham).

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1337: Ludlow is finishing up with the installation of a curb stop at Station 194+78 (227 Main Street, Durham).

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

Ludlow installed 8" DIP on Talcott Lane, Durham from Stations 302+94 to 305+96.

0720: Ludlow is resuming the installation of 8" DIP on Talcott Lane, Durham, starting at Station 302+94.

0749: Ludlow is tapping 8" DIP to install a 2" corporation stop at Station 303+32 for the residence at 14 Talcott Lane, Durham.

0839: Ludlow continues to install 8" DIP on Talcott Lane, Durham.

0940: Ludlow continues to place 8" DIP on Talcott Lane. They are currently about 125' from the intersection of Maple Avenue.

1040: Ludlow continues to place 8" DIP on Talcott Lane.

1213: JTC is on site to perform soil compaction testing on Talcott Lane. Ludlow has installed 8" DIP up to the intersection of Maple Avenue.

1309: Ludlow has finished the installation of 8" DIP on Talcott Lane at Station 305+96. This includes a 1" corporation stop at Station 305+03 and a hydrant assembly at Station 305+41. Ludlow is currently cleaning the road with a Broce Broom.

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Picture 1: Ludlow installing 8" DIP on Talcott Lane, Durham, starting at Station 302+94. View to the west.

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Picture 2: Ludlow trenching at Station 193+31 (233 Main Street, Durham) for the installation of a curb stop. View to the south.

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Picture 3: Ludlow trenching at Station 194+78 (227 Main Street, Durham) for the installation of a curb stop. View to the south.

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Picture 4: Ludlow hammering rock at Station 194+78 (227 Main Street, Durham) during the installation of a curb stop. View to the northeast.

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Picture 5: Rebar placement by Northeastern Steel at the water tank pad located to the east of the Shared Access Driveway, Middletown. View to the south.

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Picture 6: JTC performing soil compaction test on Talcott Lane, Durham. View to the west

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Picture 7: DN Tanks building a more narrow concrete form for two water tank side panels at the water tank pad located to the east of the Shared Access Driveway, Middletown. View to the west.

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Picture 8: The residence at 233 Main Street, Durham after the installation of a curb stop at Station 193+31. View to the west.