

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 12, 2020
Location:	Maple Avenue and Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	136
Contractor:	Ludlow Construction	Page:	1 of 10

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-12 mph.

Temperature (°F): High 91°F Low 69°F

Contractors & Subcontractors Workforce					Equipment in Use							
Trade	#	x	hrs		Trade	#	x	hrs	Type	#	x	hr
USACE					Ludlow Construction				Concrete/Asphalt Road Saw	1	x	8
Field Engineer	1	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
DN Tanks					Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
Foreman	1	x	8		Excavator Operator	4	x	8	Skid Steer / Bucket Loader	1	x	8
Laborers	5	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	2	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

Ludlow installed curb stops on the east side of Main Street at Stations 187+26 and 188+22.

DN Tanks poured grout onto several concrete forms and performed additional construction activities.

Ludlow installed 12" DIP on Maple Avenue from Stations 920+18 to 916+50. This includes the installation of corporation stops at Stations 918+00, 918+84, 917+58, and 916+58.

Compaction Testing

Soil compaction testing was not performed today. Compaction test data for the project 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:

Res. Representative: J. Meunier Date: 8/12/20		
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<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 poured grout onto several concrete forms and performed additional construction activities.

0720: DN Tanks has six people working on site this morning. They are awaiting the arrival of 7 yards of grout, which will be spread over the sand on the concrete panel forms.

0750: DN Tanks is waiting for the arrival of 7 yards of grout to place on the concrete panel forms.

0815: CT Readymix arrives at the water tank footprint with the grout mix.

0830: DN Tanks is spreading grout over the sand inside of the two concrete panel forms for the top of the water tank.

1008: DN Tanks has finished placing grout on two of the tank's top panel forms. They are currently building concrete forms.

1153: DN Tanks continues to build concrete forms for the water tank panels.

Daily Activities – Installation of 12" DIP, Maple Avenue, Durham

Ludlow installed 12" DIP on Maple Avenue from Stations 920+18 to 916+50. This includes the installation of corporation stops at Stations 918+00, 918+84, 917+58, and 916+58.

0700: Ludlow is setting up at the intersection of Maple Avenue and Route 68 to start installing 12" DIP at Station 920+18 in a southern direction down Maple Avenue.

0850: Ludlow continues to install 12" DIP from intersection of Maple and Route 68, heading south on Maple Avenue.

0945: Ludlow has 12" DIP installed up to Station 918+00 on Maple Avenue. Ludlow just installed a corporation stop for the house at 146 Maple Avenue, Station 918+84. Another corporation stop was installed at Station 919+76.

1138: Ludlow continues to install 12" DIP in a southerly direction on Maple Avenue. A corporation stop has been installed at Station 917+58.

1322: Ludlow has finished installing 12" DIP on Maple Avenue today at Station 916+50. Ludlow just installed a corporation stop at Station 916+58.

Ludlow is currently cleaning up the work zone with a Bocce Broom.

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

Ludlow installed curb stops on the east side of Main Street at Stations 187+26 and 188+22.

0710: Ludlow is setting up to continue with the installation of curb stops on the east side of Main Street in Durham, starting with 261 Main Street (Station 187+26).

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0905: Ludlow continues to install curb a stop for 261 Main Street at Station 187+26. They have already made a hole for the 1.5" copper service line beneath the sidewalk and are currently placing a steel plate over the trench on the northbound lane of Main Street. Traffic control is being provided by one State Trooper and one private flagger. The curb stop for 261 Main Street is 39' from edge of pavement.

1105: Ludlow continues work on the installation of a curb stop at 261 Main Street, Durham.

1203: Ludlow is currently excavating in front of the driveway for 257 Main Street at Station 188+22 for the installation of a 1" curb stop.

1245: Ludlow continues work on installing a curb stop at 261 Main Street.

1254: Ludlow continues excavating in front of the driveway for 257 Main Street for the installation of a 1" curb stop. The curb stop will be placed 40' from the edge of pavement.

1344: Ludlow has installed a 1" copper service line for the curb stop at 257 Main Street. Ludlow is currently backfilling the trench.

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Picture 1: Concrete form for one of the water tank's top panels ready to receive a layer of grout. Water tank work zone, east of Shared Access Driveway, Middletown. View to the south.

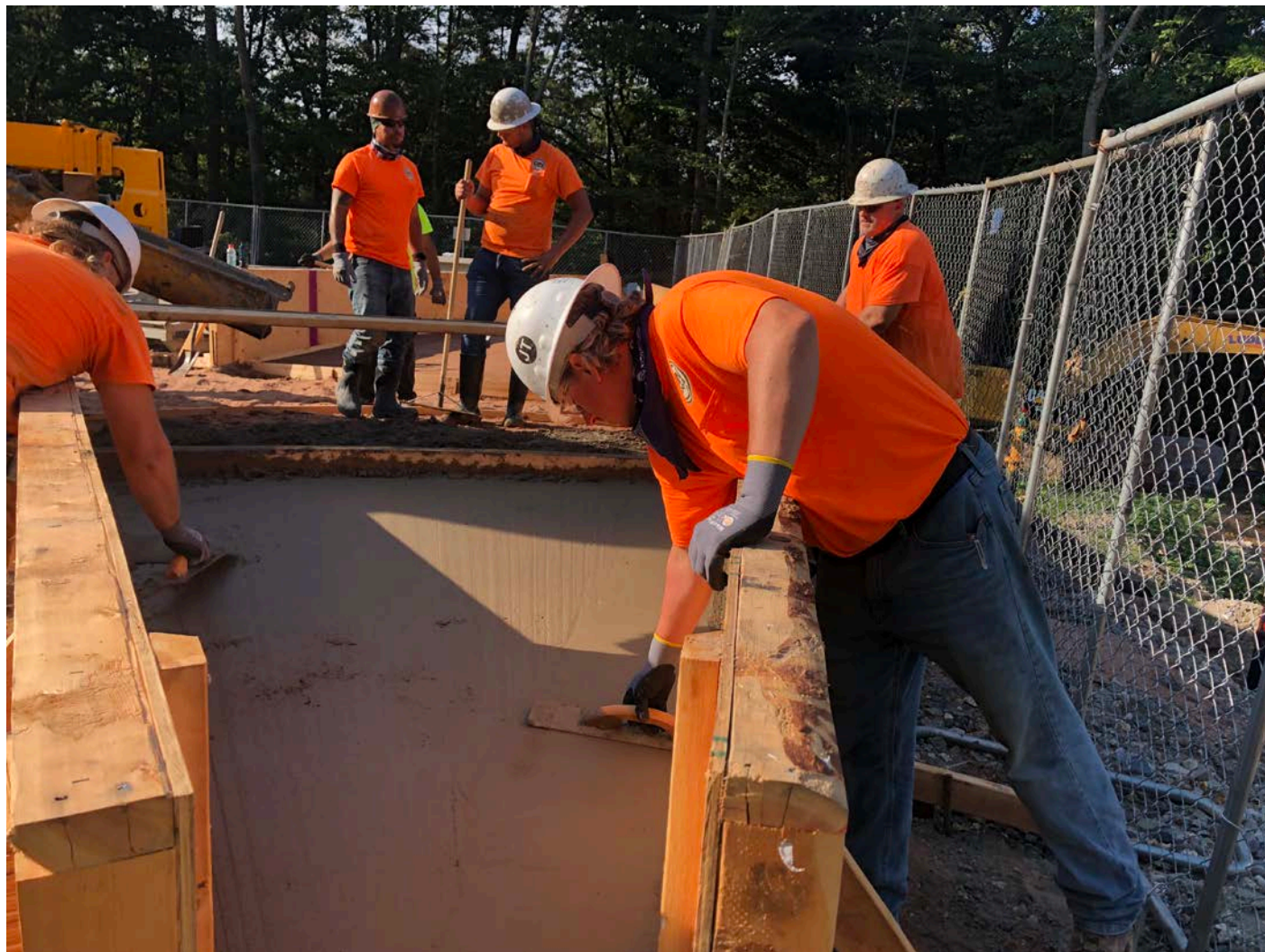
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Picture 2: DN Tanks working grout on one of the water tank's top panels. Water tank work zone, east of Shared Access Driveway, Middletown. View to the south.

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Picture 3: Concrete form for one of the water tank's top panels after grout was placed and spread over underlying layer of sand. Water tank work zone, east of Shared Access Driveway, Middletown. View to the north.

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Picture 4: Installation of curb stop for 261 Main Street, Durham, residence, where 1.5" copper line was run beneath sidewalk. Station 187+26. View to the south.

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Picture 5: Ludlow placing steel plate over the curb stop trench at 261 Main Street, Durham. View to the northwest.

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Picture 6: Curb stop installation for 257 Main Street in Durham (Station 188+22). View to the west.

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Picture 7: Ludlow cleaning up work zone on Maple Avenue, Durham after installing 12" DIP. View to the southwest.

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