

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	August 25, 2020
<b>Location:</b>	Maple Avenue and Main Street, Durham; Shared Access Driveway, Middletown	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	145
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 11

### Weather Conditions

**Conditions:** Daylight hours. Sunny. Winds variable 0-11 mph.

**Temperature (°F):** High 90°F Low 59°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	2	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, working on the form for tomorrow's pour of concrete for the water tank base.

Ludlow installed curb stops at Stations 195+82, 196+94, and 197+95 (220 Main Street, 216 Main Street, and 208 Main Street, Durham, respectively).

Ludlow installed 8" DIP on Maple Avenue, Durham from Stations 305+96 to 306+15 and from 940+88 to 939+50. This includes the installation of an 8"x8"x8" M.J. C.L.D.I. TEE with three 8" gate valves and gate boxes at Station 940+52, a corporation stop at Station 940+79, a 22.5° M.J. C.L.D.I. bend at Station 940+70, an 8" M.J. R.S. gate valve and gate box at Station 940+88, and a corporation stop at Station 939+56.

<b>Res. Representative:</b> J. Meunier <b>Date:</b> 8/25/20		
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### 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:

<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, working on the form for tomorrow's pour of concrete for the water tank base.

0902: DN Tanks continues to work at the water tank pad in preparation for the concrete pour tomorrow. Northeastern Steel has been placing rebar on the water tank footprint and has finished placing rebar on the narrow side panel concrete form.

1100: AECOM and USACE meet with DN Tanks, Ludlow, and Farmington Ready-Mix to discuss the pour of concrete for the water tank base tomorrow.

1334: DN Tanks is continuing to work on the water tank base form for the concrete pour tomorrow.

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

Ludlow installed curb stops at Stations 195+82, 196+94, and 197+95 (220 Main Street, 216 Main Street, and 208 Main Street, Durham, respectively).

0700: Ludlow has set up at 220 Main Street, Durham (immediately south of the intersection of Route 68 and Main Street) in order to install a curb stop at Station 195+82. Traffic management is being provided by one State Trooper and two private flaggers.

0845: Ludlow has 1" copper pipe placed for the curb stop at Station 195+82 (220 Main Street, Durham). Ludlow temporarily moved two flagstones from the sidewalk in order to complete the installation of the curb stop. Ludlow is currently backfilling the trench. The curb stop was installed 51' from the edge of pavement. Ludlow encountered rock at this location that required hammering to remove in order to install the curb stop.

0848: Ludlow is beginning to excavate for the installation of a curb stop at Station 196+94 (216 Main Street, Durham).

0957: Ludlow has excavated a trench for the installation of a curb stop at Station 196+94 (216 Main Street, Durham) and is preparing to install the 1" copper service line. Ludlow encountered rock during the excavation of this trench that required hammering in order to remove.

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1306: Ludlow has a curb stop installed 53' from edge of pavement at Station 196+94. Ludlow also has a curb stop installed at 208 Main Street - they are currently backfilling and compacting soil in the trench. This curb stop was installed 42' from the edge of pavement.

### Daily Activities – Installation of 8" DIP, Maple Avenue, Durham

Ludlow installed 8" DIP on Maple Avenue, Durham from Stations 305+96 to 306+15 and from 940+88 to 939+50. This includes the installation of an 8"x8"x8" M.J. C.L.D.I. TEE with three 8" gate valves and gate boxes at Station 940+52, a corporation stop at Station 940+79, a 22.5° M.J. C.L.D.I. bend at Station 940+70, an 8" M.J. R.S. gate valve and gate box at Station 940+88, and a corporation stop at Station 939+56.

0739: Ludlow has resumed the installation of 8" DIP. They have installed one 19' section of 8" DIP from Station 305+96 to 306+15 at the intersection of Talcott Lane and Maple Avenue, Durham.

0833: Ludlow is currently installing an 8"x8"x8" M.J. C.L.D.I. TEE with three 8" gate valves and gate boxes at Station 940+52. 0918: Ludlow has installed three 8" gate valves on Maple Avenue at the intersection of Maple Avenue and Talcott Lane at Station 940+52. In addition, Ludlow installed a corporation stop at Station 940+79.

0931: Ludlow has installed a piece of 8" DIP on the northern gate valve at Station 940+52, with a 22.5° M.J. C.L.D.I. bend installed at Station 940+70 on the north end of the 8" DIP.

1020: Ludlow has installed a corporation stop at Station 939+56 on Maple Avenue and an 8" M.J. R.S. gate valve and gate box at Station 940+88.

1049: Ludlow begins to excavate south of Station 940+52 to install additional 8" DIP on Maple Avenue.

1221: Ludlow continues to install 8" DIP on Maple Avenue, Durham.

1351: Ludlow has finished installing 8" DIP on Maple Avenue for the day at Station 939+50.

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**Picture 1: Ludlow saw cutting pavement at 208 Main Street, Durham, for the installation of a curb stop. Station 197+95. View to the southeast.**



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**Picture 2: Ludlow excavating at the intersection of Talcott Lane and Maple Avenue, Durham for the installation of three 8" gate valves and gate boxes at Station 940+52. View to the south.**

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	8/25/20
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Picture 3: Ludlow installing three 8" gate valves and gate boxes at Station 940+52. View to the south.



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**Picture 4: Ludlow preparing the water tank footprint for the pouring of concrete for the water tank base tomorrow morning. East of the Shared Access Driveway, Middletown. View to the west.**



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**Picture 5: Rebar placed by Northeastern Steel on the concrete form for the narrow side panels of water tank. East of the Shared Access Driveway, Middletown. View to the east.**

**Res. Representative:**

J. Meunier

**Date:** 8/25/20



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Picture 6: View of placement of 8" DIP on Maple Avenue, Durham at Station 940+52. View to the south.



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Picture 7: Ludlow installing curb stop at 208 Main Street, Durham. View to the east.



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Picture 8: View of the completed installation of a curb stop at 216 Main Street, Durham. View to the west.