

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	August 31, 2020
<b>Location:</b>	Maple Avenue and Main Street, Durham, the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Monday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	149
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 13

### Weather Conditions

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

**Temperature (°F):** High 76°F Low 60°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	0	x	8	Excavator Operator	4	x	8
Laborers	0	X	8	Skid Steer/Bucket Loader	1	x	8
				Laborers	6	X	8
				<i>Note that some persons</i>			
DN Tanks				<i>Multiple pieces equipment.</i>			
Superintendent	1	x	8				
Laborers	5	X	8	Sub-contractor	3	X	8
				Municipal Police Detail	1	X	8
				State Police Detail	2	X	8

**Visitors:** None.

## Pipe Connections, Installations, and Other Work

DN Tanks began to erect a center tower of scaffolding on the center of the water tank base.

Ludlow installed 8" DIP on Maple Avenue, Durham from Stations 931+81 to 928+80. This includes the installation of a corporation stop at Station 930+27 (200 Maple Avenue, Durham) and Station 931+22 (206 Maple Avenue, Durham). In addition, an 8" M.J. R.S. gate valve was installed at Station 930+66 and a hydrant assembly (8"x8"x6" M.J. C.L.D.I. hydrant TEE with a 6" M.J. gate valve and gate box) was installed at Station 930+42.

Ludlow contractor Veilleux Concrete Cutting Co. overcut the pavement along the patched trench associated with the installation of the main water line on S. Main Street in Middletown for permanent paving, starting at Station 100+00.

Ludlow installed curb stops at Stations 202+44, 202+78, 204+42, and 205+48 for the residences located at 188, 186, 176, and 174 Main Street, respectively; and a corporation stop at Station 205+48.

<b>Res. Representative:</b> J. Meunier			<b>Date:</b> 8/31/20
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### 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/>

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 began to erect a center tower of scaffolding on the center of the water tank base.

0700: DN Tanks has mobilized to the water tank work zone at the east of the Shared Access Driveway in Middletown.

1004: DN Tanks continues to erect the center tower on the water tank base. Workers are now using fall-arrest harnesses.

1037: DN Tanks continues to erect the center tower on the water tank base. They are currently using a JLG 800s boom lift to assist with the construction of the tower.

1240: DN Tanks has erected approximately 30' of the ~71 foot center tower on the center of the water tank base.

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

Ludlow installed 8" DIP on Maple Avenue, Durham from Stations 931+81 to 928+80. This includes the installation of a corporation stop at Station 930+27 (200 Maple Avenue, Durham) and Station 931+22 (206 Maple Avenue, Durham). In addition, an 8" M.J. R.S. gate valve was installed at Station 930+66 and a hydrant assembly (8"x8"x6" M.J. C.L.D.I. hydrant TEE with a 6" M.J. gate valve and gate box) was installed at Station 930+42.

0715: Ludlow resumes the installation of 8" DIP on Maple Avenue, Durham at Station 931+81.

0843: Ludlow continues with the installation of 8" DIP on Maple Avenue, Durham.

1025: Ludlow has 8" DIP installed up to Station 930+30. This includes the installation of a curb stop at Station 930+27 (200 Maple Avenue, Durham) and Station 931+22 (206 Maple Avenue, Durham). In addition, an 8" M.J. R.S. gate valve was installed at Station 930+66 and a hydrant assembly (8"x8"x6" M.J. C.L.D.I. hydrant TEE with a 6" M.J. gate valve and gate box) was installed at Station 930+42.

1119: JTC arrives to collect soil compaction data from Maple Avenue, Durham.

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### Daily Activities – Saw cutting of Pavement, S. Main Street, Middletown

Ludlow contractor Veilleux Concrete Cutting Co. overcut the pavement along the patched trench associated with the installation of the main water line on S. Main Street in Middletown for permanent paving, starting at Station 100+00.

0827: Ludlow contractor Veilleux Concrete Cutting Co. is overcutting the pavement along the patched trench associated with the installation of the main water line on S. Main Street in Middletown for permanent paving, starting at Station 100+00. One Middletown police officer is providing traffic management.

1100: Ludlow subcontractor Veilleux continues to overcut pavement along the west edge of the patched trench associated with the installation of the main water line on S. Main Street, Middletown. Veilleux has progressed along the west side of the trench from Stations 100+00 to ~108+50.

1255: Saw cutting of pavement for the trench overcutting has progressed to Station 114+50. Veilleux has only cut along the west side of the trench so far.

### Daily Activities – Installation of curb stops, Main Street, Durham

Ludlow installed curb stops at Stations 202+44, 202+78, 204+42, and 205+48 for the residences located at 188, 186, 176, and 174 Main Street, respectively; and a corporation stop at Station 205+48.

0726: Ludlow starts to excavate on the west side of Main Street in Durham at Station 202+44 for installation of curb stop for the residence at 188 Main Street. Two State Troopers are providing traffic management.

0910: Ludlow has finished with the installation of a curb stop at Station 202+44 (188 Main Street, Durham). The curb stop was installed at 38' from the edge of pavement.

0923: Ludlow is currently excavating for the installation of a curb stop at Station 202+78 (186 Main Street, Durham). The curb stop will be installed short at 38' from the edge of pavement to keep the curb stop from being placed on the side road that runs between Main Street and the residence.

1139: Ludlow has a curb stop installed at Station 204+42 for the residence at 176 Main Street, Durham. The curb stop will be installed short at 35' from the edge of pavement to keep from disturbing a low stone wall at the top of slope located to the west of Main Street.

1156: Ludlow is currently finishing with the installation of a curb stops at Station 202+77 (186 Main Street) and Station 204+42 (176 Main Street). Ludlow is preparing to excavate a trench for the installation of a curb stop at Station 205+48 for the residence at 174 Main Street. Ludlow is currently saw cutting pavement in front of 174 Main Street for the curb stop installation. Ludlow will also be tapping the 16" water line to add a corporation stop for the installation of the curb stop at 174 Main Street.

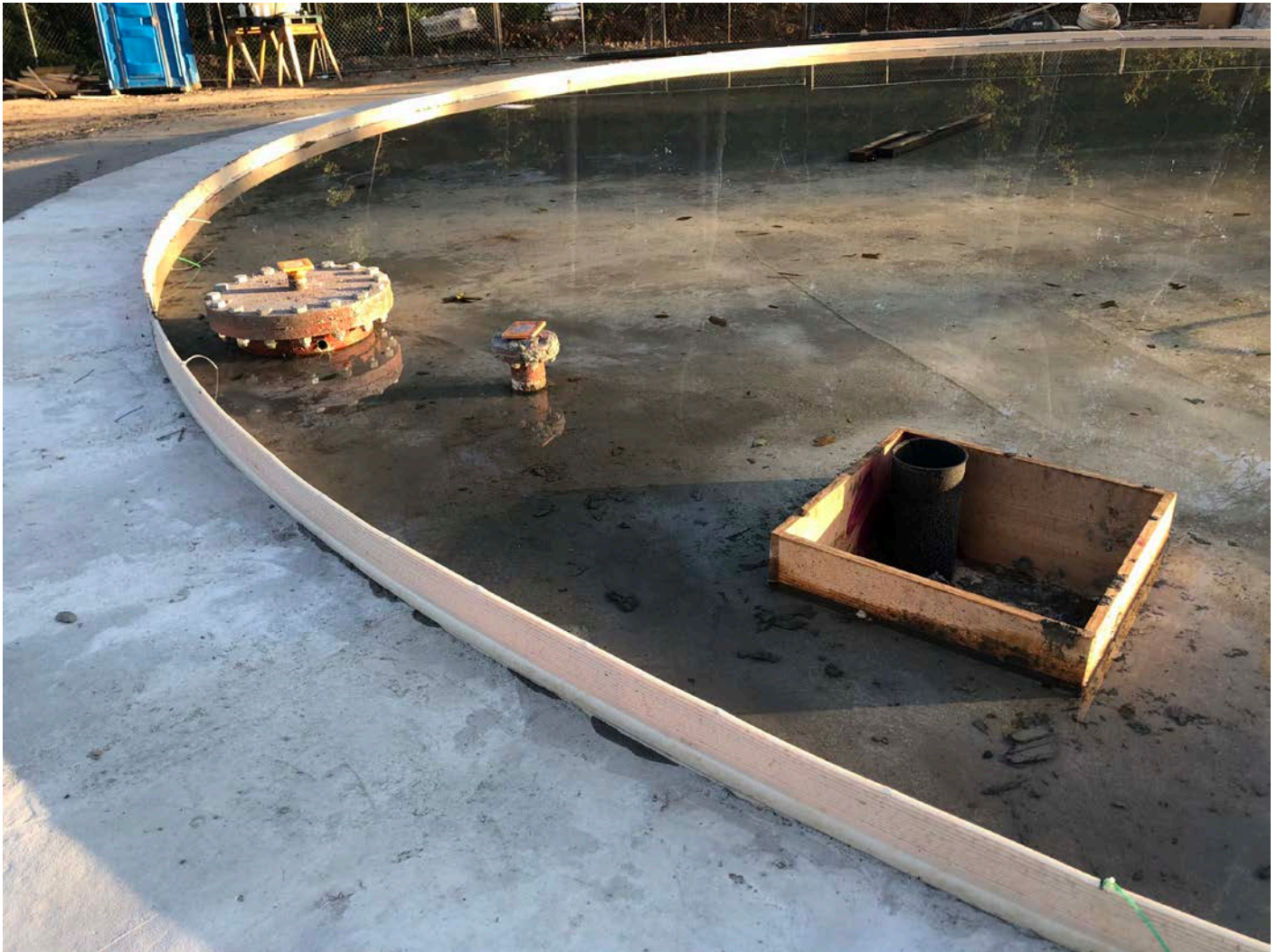
1315: Ludlow has finished the installation of the curb stop at Station 205+48 (174 Main Street, Durham).

1351: JTC is collecting soil compaction data from the curb stop trench located at Station 204+42 (176 Main Street, Durham).

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**Picture 1: View of PVC water stop and the 3 pipes entering the water tank. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the northwest.**

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**Picture 2: Ludlow beginning to excavate a trench for the installation of a curb stop to service 188 Main Street, Durham. View to the west.**

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Picture 3: DN Tanks gluing foam sections along the outer perimeter of the PVC water stop on the water tank base. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the northeast.



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**Picture 4: Overview of water tank base with foam pads glued around the perimeter of the PVC water stop. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the east.**



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Picture 5: Ludlow beginning to excavate a trench for the installation of a curb stop to service 186 Main Street, Durham. View to the southwest.



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**Picture 6: DN Tanks erecting the center tower on the center of the water tank base. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the southwest.**



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**Picture 7: Trench Ludlow excavated for the installation of a curb stop to service 176 Main Street, Durham. View to west.**



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**Picture 8: DN Tanks has erected approximately 30' of the ~71 foot center tower on the center of the water tank base. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the northwest.**



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Picture 9: Ludlow contractor saw cutting pavement on S. Main Street, Middletown near Station 114+00. View to the east.



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Picture 10: JTC collecting soil compaction data due west of 176 Main Street, Durham. View to the west.

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