

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 11, 2020
Location:	Maple Avenue and Main Street, Durham	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	135
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions

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

Temperature (°F): High 91°F Low 72°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	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
					Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
					Excavator Operator	4	x	8	Skid Steer / Bucket Loader	1	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	1	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 186+44 and 186+98.

Ludlow installed 12" DIP on Maple Avenue to the north of the Maple Avenue stream crossing. This includes the installation of a 22.5° bend at Station 905+92, a 12"x12"x12" M.J. C.L.D.I. TEE, three 12" M.J. R.S. gate valves and gate boxes, and a 12" DIP plug at Station 906+56.

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/>

Res. Representative:

J. Meunier

Date: 8/11/20

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Daily Activities – Water Tank Construction, Shared Access Driveway, Middletown

There was no activity at water tank footprint today. The work area was locked up and secure.

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

Ludlow installed 12" DIP on Maple Avenue to the north of the Maple Avenue stream crossing. This includes the installation of a 22.5° bend at Station 905+92, a 12"x12"x12" M.J. C.L.D.I. TEE, three 12" M.J. R.S. gate valves and gate boxes, and a 12" DIP plug at Station 906+56.

0715: Ludlow is setting up on Maple Avenue to install 12" DIP on the north side of the Maple Avenue stream crossing.

0755: Ludlow begins to demobilize the frac tank from the Maple Avenue stream crossing. Ludlow is preparing to install 12" DIP north of the stream crossing.

0939: Ludlow continues excavating and placing 12" DIP on the north side of the Maple Avenue stream crossing.

1018: Arnies Towing is hooking the frac tank up to a tow truck and is preparing to remove it from the Maple Avenue stream crossing work zone.

1102: Ludlow continues to place 12" DIP to the north of the Maple Avenue stream crossing.

1229 Ludlow has 12" DIP installed from stream crossing up to the edge of Maple Avenue. Ludlow is currently installing a 45° bend at Station 906+38.

1241: Ludlow excavating for the installation of a 12"x12"x12" M.J. C.L.D.I. TEE, three 12" M.J. R.S. gate valves and gate boxes, and a 12" DIP plug at Station 906+56

1348: Ludlow has finished the installation of a 12"x12"x12" M.J. C.L.D.I. TEE, three 12" M.J. R.S. gate valves and gate boxes, and a 12" DIP plug at Station 906+56. Ludlow is currently backfilling the trench.

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

Ludlow installed curb stops on the east side of Main Street at Stations 186+44 and 186+98.

0724: Ludlow begins trenching in front of 267 Main Street, Durham at Station 186+44 to install a curb stop.

1008: The curb stop at Station 186+44 (267 Main Street) has been installed 36 feet from edge of pavement.

1024: Ludlow is currently trenching at Station 186+98, in front of the residence at 265 Main Street. They currently have the trench excavated across the northbound lane of Main Street.

1053: Ludlow continues trenching in front of 265 Main Street on the northbound lane of Main Street for the installation of a curb stop.

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1127: JTC is on site performing compaction testing on the curb stop trench at 267 Main Street, Durham.

1215: Ludlow is backfilling the curb stop trench at 265 Main Street, Durham.

1247: JTC is on site performing compaction testing on the curb stop trench at 265 Main St.

1308: Ludlow has completed the installation of a curb stop at Station 186+98 (265 Main Street). The curb stop was installed 35.5' from edge of pavement. Ludlow is currently clearing a fallen tree from in front of where the curb stop for 261 Main Street is to be installed.

1316: Ludlow is beginning to hot patch the two trenches that were excavated today at Stations 186+44 and 186+98.

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Picture 1: Ludlow excavating at Station 186+44 as they prepare to install a curb stop at 267 Main Street, Durham. View to the southwest.

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Picture 2: Ludlow excavating due north of the Maple Avenue stream crossing as they prepare to install 12" DIP. View to the north.

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Picture 3: Trench box in place as Ludlow installs 12" DIP to the north of the Maple Avenue stream crossing. View to the south.

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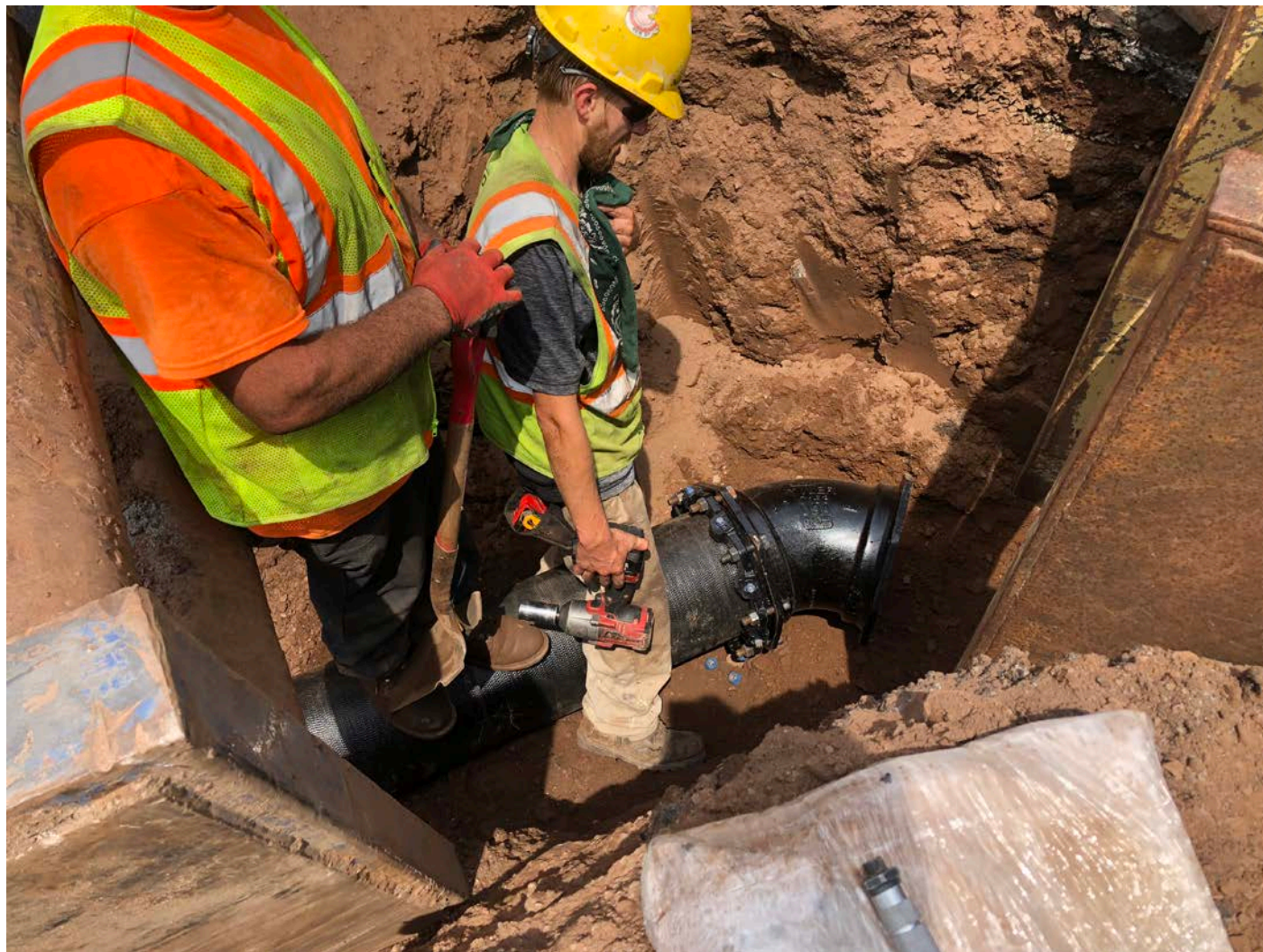


Picture 4: Curb stop installed at the 267 Main Street, Durham, residence. Station 186+44. View to the northeast.

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Picture 5: Ludlow installing 45° bend at Station 906+38, just north of the Maple Avenue stream crossing. View to the north.

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Picture 6: Ludlow has trenched and placed trench boxes for the installation of a 12"x12"x12" M.J. C.L.D.I. TEE, three 12" M.J. R.S. gate valves and gate boxes, and a 12" DIP plug at Station 906+56. View to the north.

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Picture 7: Ludlow in the process of backfilling over the 12"x12"x12" M.J. C.L.D.I. TEE, three 12" M.J. R.S. gate valves and gate boxes, and a 12" DIP plug at Station 906+56. View to the south.

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Picture 8: Ludlow cleaning up on Maple Avenue with the Bocce Broom after work was concluded at this work zone. View to the south.