

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	July 30, 2020
Location:	Maple Avenue, Main Street, and the Shared Access Road	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	131
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours. Sunny. Light Breeze.

Temperature (°F): High 96°F Low 66°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	2	x	8	Superintendent	0	x	8	Dump truck	5	x	8
				Safety Officer	1	x	8	Excavator – Large	3	x	8
DN Tank				Foreman	2	x	8	Excavator - Mid-Size	1	x	8
Foreman	1	X	8	Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
Laborers	4	X	8	Excavator Operator	4	x	8	Skid Steer / Bucket Loader	1	x	8
				Skid Steer/Bucket Loader	1	x	8	Rolling Compactor	1	x	8
				Laborers	6	X	8	Plate Compactor	1	x	8
				<i>Note that some persons</i>				Jumping Jack Compactor	1	x	8
				<i>Multiple pieces equipment.</i>				Street Sweeper (Broce Broom)	1	x	8
								Material Hopper	1	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:

Pipe Connections, Installations, and Other Work

Ludlow installed approximately 54' of 12" DIP with two 45° vertical bends at Station 905+00.

Ludlow installed one (1) curb stop on the west side of Main Street at Station 182 +00. Some small trees and roots were removed while digging the trench line.

DN Tanks placed approximately 20 yards of concrete around the water tank piping. The third cement truck was not needed.

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/>

Res. Representative:

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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 – Stream Crossing, Maple Avenue

Ludlow continued to work on the Allyn Brook stream crossing at Maple avenue at Station ~905+00.

0713: Ludlow moved one of the trench boxes to the south. The submersible pumps are continuing to pump water into the frac tank.

0815: Ludlow began to install a 20' section of 12" DIP into the open excavation. Ludlow then installed a 45° vertical bend on the end of the DIP.

1125: Ludlow has installed another trench box on the other side of the brook. Another 20' section of 12" DIP was installed into the excavation. Each 20' section of DIP has an adjoining smaller piece of DIP installed as well. Another vertical bend was installed at the end of the DIP.

1245: SAA

1430: Ludlow is cleaning up for the day.

Daily Activities – Installation of Curb Stop(s), Main Street, Durham

Ludlow installed one (1) curb stop on the west side of Main Street at Station 182+00.

0733: Ludlow continued to tamp down the trench at the 293 Main Street property. Ludlow patched the missing section of sidewalk with hot asphalt.

0833: Ludlow has moved across the street from 293 Main Street and is removing brush in order to dig a trench line.

1151: Ludlow is continuing to remove brush from the trench line being dug at Station 182+00.

1330: Ludlow has installed the curb stop at Station 182+00 on the west side of Main Street. Ludlow is now beginning to backfill the trench with soil and pea gravel. The curb stop is 42.50' from the curb.

1400: Ludlow is cleaning up for the day.

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Daily Activities – DN Tanks Mobilization, Shared Access Road, Middletown

DN Tanks spent the day placing concrete and constructing the frost wall.

0756: DN tanks is prepping for a concrete pour around the tank piping.

0907: Farmington Ready Mix is onsite to place concrete around the tank piping. ACE is onsite to observe the pour. A question was raised regarding a pressure test before the concrete was placed. The issue was resolved, and the concrete was placed. JTC was onsite to test the concrete.

1036: SAA

1200: DN tanks are continuing to work on constructing a piece of the frost wall.

1300: SAA

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Picture 1: Ludlow Construction moving trench box after installing a 20' section of 12" DIP, Maple Avenue, Station 905 + 00. View to the south.

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Picture 2: Ludlow Construction installing a vertical bend to the 12" DIP piping in the trench, Maple Avenue, Station 905 + 00. View to the south.

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Picture 3: Ludlow Construction compacting trench to 293 Main Street, Main Street, Station 182+00. View to the south.

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Picture 4: Concrete being placed around the pipes for the water tank, Shared Access Driveway. View to the north.

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Picture 5: Concrete being placed around the pipes for the water tank, Shared Access Driveway. View to the south.

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Picture 6: Ludlow Construction removing brush for the curb stop installation at Station 182+00, Main Street, Durham. View to the west.

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Picture 7: Ludlow Construction digging trench for the curb stop installation at Station 182+00, Main Street, Durham. View to the north.

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Picture 8: Curb stop partially installed at the Station 182+00 location, Main Street, Durham. View to the west.

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Picture 9: Ludlow Construction backfilling excavation with bedding, Maple Avenue, Station 905+00. View to the south.

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Picture 10: Ludlow Construction backfilling excavation near the stream bed, Maple Avenue, Station 905+00. View to the west.

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