

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 24, 2020
Location:	Main Street, Durham, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	206
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

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

Temperature (°F): High 49°F Low 28°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	1	x	8	Dump truck	2	x	8		
				Safety Officer	1	x	8	Excavator – Large	3	x	8		
United Concrete	1	x	4	Foreman	1	x	8	Excavator - Mid-Size	1	x	8		
				Dump truck Operator	2	x	8	Excavator - Rubber Wheeled – Rock	0	x	8		
Barnhart	1	x	4	Excavator Operator	1	x	8	Skid Steer / Bucket Loader	0	x	8		
				Skid Steer/Bucket Loader	0	x	8	Rolling Compactor	1	x	8		
				Laborers	3	X	8	Plate Compactor	1	x	8		
				Note that some persons				Jumping Jack Compactor	1	x	8		
DN Tanks				Multiple pieces equipment.				Street Sweeper (Broce Broom)	1	x	8		
Superintendent	0	x	8					Material Hopper	0	x	8		
Laborers	0	x	8	Sub-contractor	1	X	8	Pipe saw	0	x	8		
				Municipal Police Detail	0	X	8	Light Tower	0	x	8		
				State Police Detail	0	X	8						

Visitors: Raymond Goff, USACE.

Pipe Connections, Installations, and Other Work

Ludlow installed a curb stop for 127 Main Street, Durham.

Barnhart and United Concrete set the PRV vault sections in place at Station 161+30 to the west of Main Street, Durham.

Compaction Testing

Soil compaction testing was not performed today. Compaction test data for soil, concrete, and asphalt can be found under the "Related Links" column on the righthand side of the page of the following link:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

Daily Activities – Curb stop installation, Main Street, Durham

Ludlow installed a curb stop for 127 Main Street, Durham.

Res. Representative:

J. Meunier

Date: 11/24/20

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0759: Ludlow has mobilized to the southbound lane of Main Street to daylight the existing Town water line (located to the west of Main Street) as part of the installation of curb stop for 127 Main Street. Ludlow is currently excavating west of Main Street to access the waterline.

0822: Ludlow did not encounter the waterline where they began excavating. They are currently excavating a test pit approximately 8' to the southwest of a hydrant located about 100' north of, and across the street from, 127 Main Street (said hydrant is right next to telephone pole #790).

0837: Ludlow located the water main just southwest of the hydrant and are going to install a corporation stop at this location for the installation of a curb stop for 127 Main Street.

0931: Ludlow has installed a 1" corporation stop on the existing Town water line and is in the process of connecting the 1" copper service line to it. The 1" line will run southward, and 6.5' to the west of the edge of pavement, to where Ludlow saw cut a trench on Friday for the installation of the 127 Main Street curb stop.

0949: Some water has been observed in the bottom of the excavation where Ludlow placed the corporation stop onto the Town water line.

1119: Ludlow has placed the 1" copper service line across the portion of the trench on the southbound lane of Main Street for the installation of a curb stop at 127 Main Street.

1142: Ludlow is excavating across the portion of the trench on the northbound lane of Main Street for the curb stop installation at 127 Main Street.

1227: Ludlow is excavating the slope on the east side of the Main Street for the installation of a curb stop at 127 Main Street. Ludlow has installed the 1" copper service line as far east as the northbound lane of Main Street.

1238: Ludlow is setting up the pneumatic mole to assist in feeding the 1" copper service line under sidewalk on east side of Main Street, Durham as part of curb stop installation activities.

1333: Ludlow is in the process of feeding the 1" copper service line under the sidewalk located to the east of Main Street as they continue curb stop installation activities at 127 Main Street.

1356: Ludlow continues to work on feeding the 1" copper service line under the sidewalk located to the east of Main Street as they continue curb stop installation activities at 127 Main Street.

Daily Activities – Installation of PRV vault, Main Street, Durham

Barnhart and United Concrete set the PRV vault sections in place at Station 161+30 to the west of Main Street, Durham.

0741: Ludlow is placing steel plates to the southwest of the PRV vault excavation as staging for the crane that will be mobilized to the work zone for the placement of the PRV vault today. Station 161+30, Main Street, Durham.

0853: Ludlow continues to prepare the staging area for the crane that will be used to hoist the PRV vault into the existing excavation. Barnhart has delivered the crane to the site already. Both Barnhart and United have at least four personnel each at the work zone. United is going to lift and set the PRV vault.

Res. Representative:	J. Meunier	Date:	11/24/20
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1013: United and Barnhart continue to prepare for the lifting of the two PRV vault sections into the existing excavation.

1047: United and Barnhart are waiting for additional counterweights for the crane before they lift the PRV vault sections into place.

1155: United is in the process of attaching slings to the first of the two sections of the PVR vault at Station 161+30.

1203: United is currently placing the first half of the PRV vault into the excavation.

1255: United has placed the second half of the PRV vault into the excavation.

1304: United is caulking the concrete edges of the two PRV vault sections.

1319: United has both halves of the PRV vault in place and pressed together with grout filling the minor gaps between the two vault sections.

1407: United is preparing to place a section of the vault into place at Station 161+30.

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Picture 1: Ludlow excavating to the west of Main Street as part of installation activities for a curb stop at 127 Main Street, Durham. View to the northeast.

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Picture 2: Corporation stop that Ludlow installed on the existing Town waterline as part of curb stop installation activities for 127 Main Street, Durham.

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Picture 3: Ludlow installing 1" copper service line 6.5' to the west of Main Street, Durham for the installation of a curb stop at 127 Main Street. View to the south.

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Picture 4: One of the sections of the PRV vault that was installed at Station 161+30 to the west of Main Street, Durham today.

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Picture 5: The second section of the PRV vault that was installed at Station 161+30 to the west of Main Street, Durham today.

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Picture 6: United hoisting the first of two sections of the PRV vault at Station 161+30, to the west of Main Street, Durham. View to the north.

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Picture 7: Ludlow excavating on the 127 Main Street, Durham property for the installation of a curb stop. View to the northwest.

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Picture 8: United placing caulking along the seams of the two PRV vault sections prior to bringing them together with the crane. View to the south.

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Picture 9: United placing caulking along the seams of the two PRV vault sections prior to bringing them together with the crane. View to the southwest.