

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 13, 2020
Location:	Main Street and Route 68, Durham; Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	200
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours: Rainy. Winds variable 0-8 mph.

Temperature (°F): High 46°F Low 36F

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	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	1	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
					Note that some persons				Jumping Jack Compactor	2	x	8
DN Tanks					Multiple pieces equipment.				Street Sweeper (Broce Broom)	1	x	8
Superintendent	3	x	8						Material Hopper	0	x	8
Laborers		x	8		Sub-contractor	4	X	8	Pipe saw	1	x	8
					Municipal Police Detail	0	X	8	Light Tower	0	x	8
					State Police Detail	0	X	8				

The following personnel were among those present for an informal walkthrough at the water tank work zone today:

Visitors:

Lisa Belisle, USACE	Kurt Mintell, USACE
Ed Hathaway, US EPA	Neil Moriwaki + two other DN Tanks personnel, DN Tanks
Brian Robillard, City of Middletown	Joe Fazzino, City of Middletown
Mike Pio, Ludlow	Jerry Brandon, Ludlow
Richard Berlandy, AECOM	Joel Meunier, AECOM

Pipe Connections, Installations, and Other Work

Ludlow performed permanent paving on the westbound lane of Route 68, Durham Ludlow excavated and paved trench overcuts on Route 68, Durham between Stations 607+50 and 609+60.

Ludlow installed a saddle, corporation stop, water service, and a curb stop for the residence at 119 Main Street, Durham.

Compaction Testing

Soil compaction testing was 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/>

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Daily Activities – Installation of water service and curb stop, Main Street, Durham

Ludlow installed a corporation stop and a curb stop for the residence at 119 Main Street, Durham.

0807: Ludlow is currently excavating in the yard of 120 Main Street, in Durham in order to access and tap the 8" PVC Town water line to bring a water service to 119 Main Street.

0926: Ludlow has installed a saddle and corporation stop on the 8" PVC Town water line in order to bring a water service and curb stop to the 119 Main Street property. Ludlow is currently backfilling the trench they excavated on the southbound lane of Main Street.

1038: Ludlow is excavating on the northbound lane of Main Street, as they continue to install a curb stop for the residence at 119 Main Street.

1145: AECOM and Ludlow look at how to provide curb stop for 127 Main Street without excavating beneath the retaining wall on the west side of Main Street.

1114: Ludlow is excavating on either side of the sidewalk to the west of the 119 Main Street residence so they can run a pneumatic mole beneath the sidewalk for the 1" copper service line.

1137: Ludlow is using the pneumatic mole to make a hole beneath the sidewalk to install a water service and curb stop for the 119 Main Street property. JTC is present to collect soil compaction data once Ludlow backfills and compacts soils in the trench crossing Main Street, Durham.

1227: JTC is setting up to collect soil compaction data from the portion of the trench on the northbound lane of Main Street that Ludlow just compacted.

1305: Ludlow is backfilling the excavation at 119 Main Street, Durham after having installed a water service and curb stop. Asphalt has been placed and compacted on the water service trench where it crossed Main Street.

1326: Ludlow continues to backfill the trench on the 119 Main Street property as part of curb stop installation activities.

Daily Activities – Permanent paving, Route 68, Durham

Ludlow performed permanent paving on the westbound lane of Route 68, Durham Ludlow excavated and paved trench overcuts on Route 68, Durham between Stations 607+50 and 609+60.

0745: Ludlow continues to place permanent pavement on the westbound lane of Route 68, Durham, picking up where they left off yesterday at Station 607+50.

0844: Ludlow has trench overcut between Stations 607+50 and 609+60 excavated and tack coated.

0917: Ludlow begins to place the first of three 3" lifts of asphalt on the trench overcuts located between Stations 607+50 and 609+60.

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1158: Ludlow is placing the third of three 3" lifts of asphalt on the trench overcuts located between Stations 607+50 and 609+60 on the westbound lane of Route 68, Durham.

1256: Ludlow is finishing up placing and compacting the third of three 3" lifts of asphalt on the westbound lane of Route 68, Durham, between Stations 607+50 and 609+60.

1335: Ludlow has finished paving trench overcuts between Stations 607+50 and 609+60 on Route 68, Durham.

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Picture 1: Ludlow excavating from the 120 Main Street residence (where the Town water line is located) to the 119 Main Street residence as part of installation activities for the placement of a water service to 119 Main Street. Main Street, Durham; view to the east.

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Picture 2: Ludlow installing a saddle and a corporation stop on the 8" PVC Town water line located on the 120 Main Street property for the installation of a curb stop at 119 Main Street, Durham.

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Picture 3: Ludlow excavating pavement for trench overcuts on the westbound lane of Main Street, Durham between Stations 607+50 and 609+60 as part of permanent paving activities. View to the southwest.

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Picture 4: 1" copper water service line that Ludlow just installed on the corporation stop they installed on the 8" PVC Town water line on the 120 Main Street property for the installation of a curb stop at 119 Main Street, Durham. View to the east.

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Picture 5: Ludlow excavating for a water service to 119 Main Street, Durham property. View to the east.

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Picture 6: Ludlow compacting pavement on the westbound lane of Route 68, Durham as part of permanent pavement activities on trench overcuts. View to the southwest.

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Picture 7: Ludlow placing asphalt on the westbound lane of Route 68, Durham as part of permanent pavement activities on trench overcuts. View to the southwest.

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Picture 8: Second lift of asphalt placed and compacted on the westbound lane of Route 68, Durham as part of permanent pavement activities on trench overcuts. View to the east.

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Picture 9: Curb stop that Ludlow installed at 119 Main Street, Durham. View to the north.

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Picture 10: JTC collecting compaction data from the compacted soils in the trench that Ludlow excavated for the installation of a water service at 119 Main Street, Durham.

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