

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 22, 2021
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	349
Contractor:	Ludlow Construction	Page:	1 of 14

Weather Conditions

Conditions: Daylight hours: Cloudy. Winds variable 0-12 mph.
 Temperature (°F): High 69°F Low 51°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	1	X	8
				Safety Officer	1	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
				Skid Steer/ Bucket Loader	1	X	8
				Laborers	4	X	8
B&B Lightening	2	X	8	Note that some persons operate			
Fazzino Plumbing	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	2	X	8
A&R Electrical	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow continued working at the 175 Main Street, Durham, property for the installation of a 1.5" copper water service line. B&B Lightning Protection finished the installation of grounding rods and grounding wires at water tank located east of the Shared Access Driveway in Middletown.

Daily Activities – Installation of water lines, Main Street, Durham

Ludlow continued working at the 175 Main Street, Durham, property for the installation of a 1.5" copper water service line.

0714: Ludlow is mobilizing to the 175 Main Street, Durham, property for the installation of a 1.5" copper water service line.

0728: Ludlow is excavating for the installation of a 1.5" copper water service line for the 175 Main Street residence. Ludlow has started excavating at the curb stop and is working southwards.

0751: Ludlow is purging the curb stop for the 175 Main Street property as they prepare to attach a 1.5" copper water service line to the curb stop.

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0807: Ludlow has encountered rock approximately 20' south of the 175 Main Street property curb stop. Ludlow is preparing to hammer the rock using a Volvo EW170 excavator.

0831: Ludlow continues to hammer the rock they are encountering as they excavate a trench at the 175 Main Street property for the installation of a 1.5" copper water service line.

0906: Ludlow continues to hammer rock south of the curb stop for the 175 Main Street residence.

1005: Ludlow continues to excavate a trench on the driveway of the 175 Main Street property for the installation of a 1.5" copper water service line.

1033: Ludlow has begun to excavate on the west side of the 175 Main Street residence in order to daylight the cinder block foundation. Ludlow has already excavated a separate portion of the trench south of the curb stop to within 50' of the 175 Main Street residence.

1048: Ludlow is placing a 1.5" copper water service line into the trench they excavated down the driveway of the 175 Main Street residence. On the north side of the excavation, Ludlow is backfilling over the 1.5" copper line with 6" of sand, followed by caution tape, followed by native fill.

1102: Ludlow continues to backfill over the 1.5" copper line with 6" of sand, followed by caution tape, followed by native fill.

1127: Ludlow continues to backfill over the 1.5" copper line with 6" of sand, followed by caution tape, followed by native fill.

1138: Ludlow prepares to penetrate the foundation on the west side of the 175 Main Street residence by drilling through it with a rotary hammer.

1236: Ludlow continues to backfill over the 1.5" copper line with 6" of sand, followed by caution tape, followed by native fill.

1311: Ludlow is using non-shrink grout to secure the 1.5" copper water service line in place where it penetrates the western foundation of the residence located at 175 Main Street. Ludlow has set up a pressure gauge on the 1.5" copper water service line on the interior of the 175 Main Street residence to perform a pressure test.

1353: Ludlow continues backfilling over the 1.5" copper water service line they placed in the trench at the 175 Main Street property, moving in a southwards direction towards the residence.

1431: Ludlow continues backfilling over the 1.5" copper water service line they placed in the trench at the 175 Main Street property, moving in a southwards direction towards the residence.

Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

B&B Lightning Protection returned to the water tank to finish the installation of grounding lines for the lightning protection system on the tank. They were not able to finish yesterday because they had to use glue instead of bolts to attach cable fasteners to the top of the water tank.

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Picture 1: Ludlow preparing to hammer rock they encountered while excavating a trench for the installation of a 1.5" copper water service line at the 175 Main Street, Durham, property. View to the south.

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Picture 2: Meter pit that Ludlow installed at the 175 Main Street property, with 1.5" copper pipe installed on the north and south sides of the PVC riser. View to the east.

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Picture 3: Curb stop that Ludlow installed at the 175 Main Street property, with 1.5" copper pipe installed on the south side of the curb stop. View to the northwest.

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Picture 4: Ludlow backfilling over the 1.5” copper pipe they installed at the 175 Main Street property. View to the north.

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Picture 5: Grounding wire that B&B Lightning Protection installed on the side of the water tank and tied into the existing subsurface grounding wires around the perimeter of the tank. Water tank work zone located east of the Shared Access Driveway. View to south.

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Picture 6: Ludlow excavating a trench northward for the installation of a 1.5" copper water service line at the 175 Main Street property. View to the north.

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Picture 7: Cinder block foundation of the 175 Main Street residence that Ludlow daylighted on the west side of the house. View to the east.

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Picture 8: Ludlow in the process of installing a 1.5" copper water service line for the 175 Main Street residence. View to the north.

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Picture 9: Ludlow preparing to penetrate the cinder block foundation of the residence located at 175 Main Street for the installation of a 1.5" copper water service line. View to northeast.

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Picture 10: Ludlow compacting fill with a jumping jack they just placed over sand and caution tape as they backfill the trench where they installed a 1.5" copper water service line at the 175 Main Street property. View to northeast.

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Picture 11: Pressure gauge that Ludlow placed on the 1.5" copper water service line they installed through the western foundation of the 175 Main Street residence. View to northwest.

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Picture 12: Ludlow compacting gravel they replaced on the driveway for the 175 Main Street property. View to southeast.

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