

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 27, 2021
Location:	Maple Avenue, Durham; Long Hill Road and the Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	312
Contractor:	Ludlow Construction	Page:	1 of 17

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-6 mph.		
Temperature (°F):	High 84°F	Low	61°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	X	hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	1	X	8
				Safety Officer	1	X	8
				Foreman	0	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
				Skid Steer/Bucket Loader	1	X	8
				Laborers	3	X	8
United Concrete	0	x	8	Note that some persons			
Fazzino Plumbing	0	x	8	operate multiple pieces			
A&R Electrical	2	x	8	of equipment.			
CT Traffic Control	0	x	8	Sub-contractor	2	X	8
DN Tanks	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow finished the installation of a 2" copper water service line at the residence located at 109 Maple Avenue, Durham. A&R Electrical cleaned up after finishing with installing a VFD and instrumentation panel at the Long Hill pump station and continued work at the water tank work zone located east of the Shared Access Driveway. Fazzino Plumbing and Heating, Inc. installed final water service to the 97 and 95R Maple Avenue, Durham, residences.

Daily Activities – Installation of water lines, Durham

Ludlow finished the installation of a 2" copper water service line at the residence located at 109 Maple Avenue, Durham.

0705: Ludlow has return to the 109 Maple Avenue residence to resume the installation of a 2" copper water service line.

0729: Ludlow continues trenching at the 109 Maple Avenue property for the installation of a 2" copper water service line.

0752: Ludlow has daylighted the concrete foundation on the north side of the 109 Maple Avenue residence. Ludlow has almost finished excavating the trench for the installation of the 2" copper water service line.

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0836: Ludlow has cored through the concrete foundation on the north side of the 109 Maple Avenue residence for the installation of a 2" copper water service line.

0924: Ludlow finds that they are not getting water to flow through the 2" copper water service line that they just installed at 109 Maple Avenue. After performing some diagnostics, they believe that the corporation stop associated with 109 Maple Avenue was installed in the closed position. Ludlow has marked the road out to be cleared for excavation by Call Before You Dig (CBYD). Once the CBYD ticket is open, Ludlow will excavate Maple Avenue to daylight the corporation stop and inspect or replace it.

0935: Ludlow has inserted 2" copper water service line through the north side of the 109 Maple Avenue residence foundation. The 2" copper line has been secured on both sides of the foundation with non-shrink grout.

1018: Ludlow is finishing up with backfilling the water line trench at 109 Maple Avenue, Durham, property.

1134: Ludlow is spreading loam over the areas of the lawn at 109 Maple Avenue that were disturbed during the installation of a 2" copper water service line.

1157: A representative from Laydon documents where Ludlow will be excavating next week in front of 109 Maple Avenue to access the associated corporation stop.

1219: Ludlow continues to spread and rake loam at the 109 Maple Avenue residence to restore those sections of the lawn that were disturbed during the installation of a 2" copper water line.

1330: Ludlow continues to spread and rake loam at the 109 Maple Avenue residence to restore those sections of the lawn that were disturbed during the installation of a 2" copper water line.

1408: Ludlow has finished installation and restoration activities at the 109 Maple Avenue residence. Ludlow is currently cleaning the section of Maple Avenue in front of the 109 Maple Avenue driveway with a Broce Broom.

Daily Activities – Installation activities, Long Hill pump station, Middletown

A&R Electrical cleaned up after finishing with installing a VFD and instrumentation panel at the Long Hill pump station.

Daily Activities – Full water service Installation activities, Maple Avenue, Durham

Fazzino Plumbing and Heating, Inc. installed final water service components for the 97 and 95R Maple Avenue, Durham, residences.

0948: Connecticut Water is installing a water meter in the meter pit for 95R Maple Avenue. Connecticut Water just finished installing a water meter at 97 Maple Avenue.

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

A&R Electrical continued work at the water tank work zone located east of the Shared Access Driveway.

0911: A&R Electrical is working at the water tank installing conduits on the northeast side of the water tank next to the blower pad. A&R Electrical has cad welded six of the eight sections of grounding wire that need to be cad welded to either a grounding rod or to itself. A&R Electrical will bring a mold to the site on Monday to weld two areas where the ground wire overlaps itself.

1126: A&R Electrical continues to work at the water tank work zone. All the areas where grounding lines are connected to grounding rods have been cad welded.

1416: A&R Electrical continue to work at the water tank installing conduits associated with the blower located on the north east side of the water tank.

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Picture 1: Ludlow excavating at the 109 Maple Avenue property as they install a 2" copper water service line. View to the southwest.

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Picture 2: Hole that Ludlow cored through the northern foundation for the 109 Maple Avenue residence for the installation of a 2" copper water service line. View to the south.

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Picture 3: Trench that Ludlow has excavated for the installation of a 2" copper water service line at the 109 Maple Avenue property. View to the south.

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Picture 4: Grounding line that was cad welded to a grounding rod at the water tank work zone located east of the Shared Access Driveway in Middletown.

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Picture 5: Ludlow backfilling the trench they excavated at the 109 Maple Avenue property for the installation of a 2" copper water service line. View to the north.

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Picture 6: 2" copper water service pipe that has been cemented into place with non-shrink grout on the northern foundation of the 109 Maple Avenue residence. View to south.

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Picture 7: 2" copper water service pipe that has been cemented into place with non-shrink grout on the northern foundation of the 109 Maple Avenue residence. View to northeast.

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Picture 8: Ludlow using a jumping jack to compact native fill that was backfilled in 1' lifts at the 109 Maple Avenue residence in Durham. View to the southwest.

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Picture 9: Ludlow grading loam as they restore the sections of the lawn at the 109 Maple Avenue residence that were disturbed during the Installation of a 2" copper water service line. View to the northeast.

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Picture 10: Conduits that A&R Electrical installed today on the pull box located on the northeast side of the water tank located east of the Shared Access Driveway in Middletown. View to the south.

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Picture 11: Ludlow raking out loam at the 109 Maple Avenue property, Durham, as part of restoration efforts following the installation of a 2" copper water service line. View to the northwest.

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Picture 12: Ludlow grading loam at the 109 Maple Avenue property, Durham, as part of restoration efforts following the installation of a 2" copper water service line. View to the southwest.

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Picture 13: View of final water service components installed at the 95R Maple Avenue property by Fazzino Plumbing.

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Picture 14: View of final water service components installed at the 997 Maple Avenue property by Fazzino Plumbing.