

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 18, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	305
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours: Partly cloudy. Winds variable 0-5 mph.
 Temperature (°F): High 82°F Low 64°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	1	x	8	Note that some persons			
Fazzino Plumbing	1	x	8	Multiple pieces equipment.			
A&R Electrical	1	x	8				
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 1.5" copper water service line at the residence located at 97 Maple Avenue, Durham. Fazzino Plumbing and Heating, Inc. installed final water service to the building at 293 Main Street, Durham. Laydon placed loam behind newly installed bituminous curbing on Main Street, Durham. A&R Electrical and United Concrete worked at the water tank located east of the Shared Access Driveway in Middletown.

Daily Activities – Installation of water lines, Durham

Ludlow finished the installation of a 1.5" copper water service line at the residence located at 97 Maple Avenue, Durham.

0705: Ludlow has returned to the 97 Maple Avenue, Durham, property to continue working on the installation of a 1.5" copper water service line.

0816: Ludlow is excavating the sloped portion of the 97 Maple Avenue property adjacent to the east side of Maple Avenue for the continued installation of a 1.5" copper water service line and the meter pit.

0822: Ludlow is preparing to install the meter pit for 97 Maple Avenue, Durham.

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0915: Ludlow has run 1.5" copper pipe from the curb stop to the meter pit and from the meter pit up the slope to the driveway of the 97 Maple Avenue residence.

1031: Ludlow has backfilled around the curb stop and the water meter pit at the 97 Maple Avenue property. Ludlow continues backfilling over installed pipe at other sections of the trench. Ludlow is also repairing a four-inch PVC drain line they severed yesterday during the installation of the 1.5" copper water service line.

1217: Ludlow is finishing with placing backfill the trench on the slope located on the east side of Maple Avenue at the 97 Maple Avenue property. Ludlow is using a jumping jack to compact the fill.

1426: Ludlow continues site restoration activities at the 97 Maple Avenue property.

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

0725: Ludlow is working at the water tank work zone backfilling over the utility duct banks that they recently installed and excavating a shallow trench around the perimeter of the tank for the placement of a grounding wire. Ludlow is also excavating a trench at the top of the Shared Access Driveway for the installation of a grounding line. United Concrete and A&R Electrical have one person each also working at the water tank work zone. United Concrete is there to work on wiring between the altitude valve vault and the electrical enclosure and A&R Electrical is present to work on the installation of grounding rods and wires.

0758: A&R Electrical is using an impact hammer to pound grounding rods into the earth on the north and northeast of the electrical cabinet.

0847: A&R Electrical continues to work at the water tank works on installing grounding rods and grounding lines.

0954: A&R Electrical is cad welding (exothermically bonding) grounding lines to one of the grounding rods at the water tank work zone located east of the Shared Access Driveway in Middletown.

1016: A&R Electrical uses cad welding to bond tin-clad copper ground wires to another grounding rod located to the northeast of the electrical enclosure at the water tank work zone.

1209: United Concrete continues to work on wiring between the altitude valve vault and the electrical enclosure located several feet to the north of the vault.

1325: A&R Electrical has placed tin-clad copper ground wire around the perimeter of the water tank and is currently installing additional grounding rods on the west side of the tank.

Daily Activities – Full water service installation activities, Main Street, Durham

Fazzino Plumbing and Heating, Inc. installed final water service to the building at 293 Main Street, Durham.

0921: Fazzino Plumbing is working at the 293 Main Street, Durham, residence for the installation of final water service components.

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AECOM

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1101: Fazzino continues to work on installing final water service components at the 293 Main Street, Durham, residence on the west wall of the fieldstone foundation.

Daily Activities – Miscellaneous road work, Main Street, Durham

Laydon placed loam behind the new curbing on Main Street, Durham.

0833: Layton is placing loam behind the new sections of bituminous concrete curbing they recently placed on the northbound lane of Main Street in front of 235 Main Street.

1023: Layton is working on the northbound lane of Main Street, Durham, placing loam behind newly-installed bituminous concrete curbing in front of 293 Main Street.

1152: Layton is placing loam behind newly-installed bituminous concrete curbing on the northbound lane of Main Street in front of 349 Main Street, Durham.

1319: Layton is placing loam behind newly-installed bituminous concrete curbing on the northbound lane of Main Street across from Winsome Lane, Durham.

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Picture 1: United Concrete working on the wiring located between the altitude valve vault and the electrical enclosure located north of the vault. View to the north.

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Picture 2: Ground wire attached to the north side of the electrical enclosure located at the water tank work zone in Middletown.

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Picture 3: Ludlow installing 1.5" copper water service line from the meter pit eastwards to the driveway for the 97 Maple Avenue property. View to the east.

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Picture 4: A&R Electrical setting up to connect ground wires to a grounding rod using cad welding. View to the east.

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Picture 5: A&R Electrical cad welding ground wires to a grounding rod at the water tank work zone.

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Picture 6: Ludlow excavating soil around a 4" PVC drain pipe they broke yesterday at the 97 Maple Avenue property as they prepare to repair the pipe. View to the southeast.

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Picture 7: Fazzino Plumbing installing final water service components at the residence located at 293 Main Street, Durham. View to the west.

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Picture 8: Ground wires welded to a grounding rod after A&R Electrical cad welded them together at the water tank work zone.

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Picture 9: Ludlow compacting native backfill with a jumping jack at the 97 Maple Avenue property. View to the west.

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Picture 10: A&R Electrical installing a grounding rod on the west side of the water tank located east of the Shared Access Driveway. View to the southeast.