

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 29, 2021
Location:	Talcott Lane, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	371
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-7 mph.
 Temperature (°F): High 43°F Low 27°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	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
Eagle Fence	3	X	8	Skid Steer/ Bucket Loader	1	X	8
Fazzino Plumbing	0	X	8	Laborers	4	X	8
United Concrete	0	X	8	Note that some persons operate			
Keltic Painting	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	3	x	8				
CT Traffic Control	0	x	8	Sub-contractor	6	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 installed a 1" copper water service line at the residences located at 166 and 230 Maple Avenue, Durham, property. Apuzzo Electric disconnected the existing pump control boxes, feed wires back to the main electrical panel, disconnected wires from the panel, and installed new copper bonding wires from the main electrical panel to the new water services at 174, 233, 242, 261, 267, and 268 Main Street and 95R Maple Avenue, Durham. Eagle Fence and Guardrail began the installation of a guardrail at the water tank work zone located on the Shared Access Driveway in Middletown.

Daily Activities – Installation of new bonding wire, Durham

Apuzzo Electric disconnected the existing pump control boxes, feed wires back to the main electrical panel, disconnected wires from the panel, and installed new copper bonding wires from the main electrical panel to the new water services at 174, 233, 242, 261, 267, and 268 Main Street and 95R Maple Avenue, Durham.

0732: Apuzzo Electric has arrived at 281 Main Street, Durham, as they prepare to install bonding lines to the newly installed water system components.

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0808: Apuzzo Electric is working at the 242 Main Street property installing bonding lines to the newly installed water system components.

0846: Apuzzo Electric is working at the 95R Maple Avenue property installing bonding lines to the newly installed water system components.

0949: Apuzzo Electric is working at the 174 Main Street property installing bonding lines to the newly installed water system components.

1029: Apuzzo Electric is working at the 268 Main Street property installing bonding lines to the newly installed water system components.

1133: Apuzzo Electric is working at the 267 Main Street property installing bonding lines to the newly installed water system components.

1401: Apuzzo Electric has finished with the installation of bonding lines to the newly installed water system components for the day.

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

Ludlow installed a 1" copper water service lines at the residences located at 166 and 230 Maple Avenue, Durham, property.

0716: Ludlow has mobilized to the 166 Maple Avenue, Durham, property for the installation of a 1" copper water service line.

0745: Ludlow begins to excavate on the east side of the poured-concrete foundation of the 166 Maple Avenue residence as they prepare to install a 1" copper water service line.

0801: Ludlow has excavated between the east foundation of the 166 Maple Avenue residence and its associated curb stop. Ludlow is setting up to use a pneumatic mole to punch a hole beneath the brick sidewalk located on the east side of the house to assist with the installation of a 1" copper water service line.

0814: Ludlow is using a pneumatic mole to drive a hole beneath the brick sidewalk located on the east side of the 166 Maple Avenue property to assist with the installation of a 1" copper water service line. Ludlow uses a rotary hammer to penetrate the poured concrete foundation of the 166 Maple Avenue residence for the installation of a 1" copper water service line. The penetration point is 6.0 feet north of the north side of the cement stairs located on the east side of the house. The depth of the trench at the curb stop is 5.5 feet below surface grade.

0831: Ludlow is connecting 1" copper pipe to the curb stop at the 166 Maple Avenue property.

0840: Ludlow is using non-shrink grout to secure 1" copper waterline where it penetrates the poured concrete foundation of the 166 Maple Ave residence.

0914: Ludlow has placed sand, followed by caution tape, followed by native fill over the 1" copper water service line they installed at the 166 Maple Avenue property. The fill has been placed in 1' lifts and is being compacted with a jumping jack.

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0935: Ludlow is restoring the portions of the 166 Maple Avenue property that were disturbed during the installation of a 1" copper water service line.

1000: Ludlow is cleaning the street in front of the 166 Maple Avenue property with a Broce Broom and is preparing to demobilize.

1011: Ludlow has mobilized to the 230 Maple Avenue property for the installation of a 1" copper water service line.

1124: Ludlow has excavated approximately 20 feet of trench to the west of the curb stop at the 230 Maple Avenue property. Ludlow is preparing to install a meter pit approximately 8' west of the curb stop.

1153: Ludlow has installed a meter pit approximately 8' west of the curb stop at the 230 Maple Avenue property. Ludlow continues to excavate a trench along the northern property boundary of the 230 Maple Avenue property for the installation of a 1" copper water service line.

1238: Ludlow has placed approximate 100' of 1" copper water line in the trench they've excavated at the 230 Maple Avenue property. Ludlow is beginning to backfill over the copper line with 12" of sand, followed by caution tape, followed by native fill placed in 1' lifts and compacted with a jumping jack. Ludlow continues to excavate westwards towards the north side of the 230 residence.

1310: Ludlow has excavated a trench at the 230 Maple Avenue property up to north side of the concrete foundation. Ludlow is currently using a pneumatic hammer to penetrate the foundation for the insertion of the 1" copper water service line. The penetration point is located 24.5 feet from the northeast corner of the house and 40" below surface grade. Ludlow drilled the hole at an angle, rising as the hole gets closer to the interior of the house.

1327: Ludlow continues to backfill over the 1" copper water service line they are installing at the 230 Maple Avenue property. Ludlow has just insert 1" copper water service line through the north foundation of the house.

1413: Ludlow continues to backfill over the 1" copper water service line they just installed at the 230 Main Street property.

1500: Ludlow has finished backfilling over the 1" copper water service line they installed at the 230 Maple Avenue property today. Ludlow will be coming back tomorrow to finish placing loam and grass seed to repair those portions of the property that we disturbed during the installation of the 1" copper water service line.

Daily Activities – Installation of guiderails, Shared Access Driveway, Middletown

Eagle Fence and Guardrail began the installation of a guardrail at the water tank work zone located on the Shared Access Driveway in Middletown.

0739: Eagle Fence and Guardrail has mobilized to the water tank work zone to begin installing a guard rail on the north side of the Shared Access Driveway between Stations 10+50 and 13+70.

0924: Eagle Fence and Guardrail continues to install guard rail posts on the north side of the Shared Access Driveway in Middletown between Stations 10+50 and 13+70.

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1041: Eagle Fence and Guardrail continues to install guard rail posts on the north side of the Shared Access Driveway between stations 10+50 and 13+70.

1440: Eagle Fence and Guardrail continues installing a guard rail on the north side of the Shared Access Driveway. they are currently working at Station ~12+80.

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Picture 1: Ludlow excavating on the east side of the 166 Maple Avenue residence for the installation of a 1” copper water service line. View to the southwest.

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Picture 2: Ludlow excavating at the 166 Maple Avenue property for the installation of a 1" copper water service line. View to the northwest.

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Picture 3: Apuzzo Electric working at the 95R Maple Avenue property installing bonding lines to the newly installed water system components.

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Picture 4: Eagle Fence and Guardrail installing a guard rail on the north side of the Shared Access Driveway in Middletown at Station ~11+00. View to the east.

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Picture 5: Ludlow excavating a trench at the 230 Maple Avenue property for the installation of a 1" copper water service line. View to the southwest.

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Picture 6: Meter pit that Ludlow installed approximately 8' west of the curbstop for the 230 Maple Avenue property. View to the west.

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Picture 7: Ludlow excavating a trench for the 1" copper water service at 230 Maple Avenue. View to the west.

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Picture 8: Ludlow compacting native fill that has been backfilled over the 1" copper water service line that they installed at the 230 Maple Avenue property. View to the east.

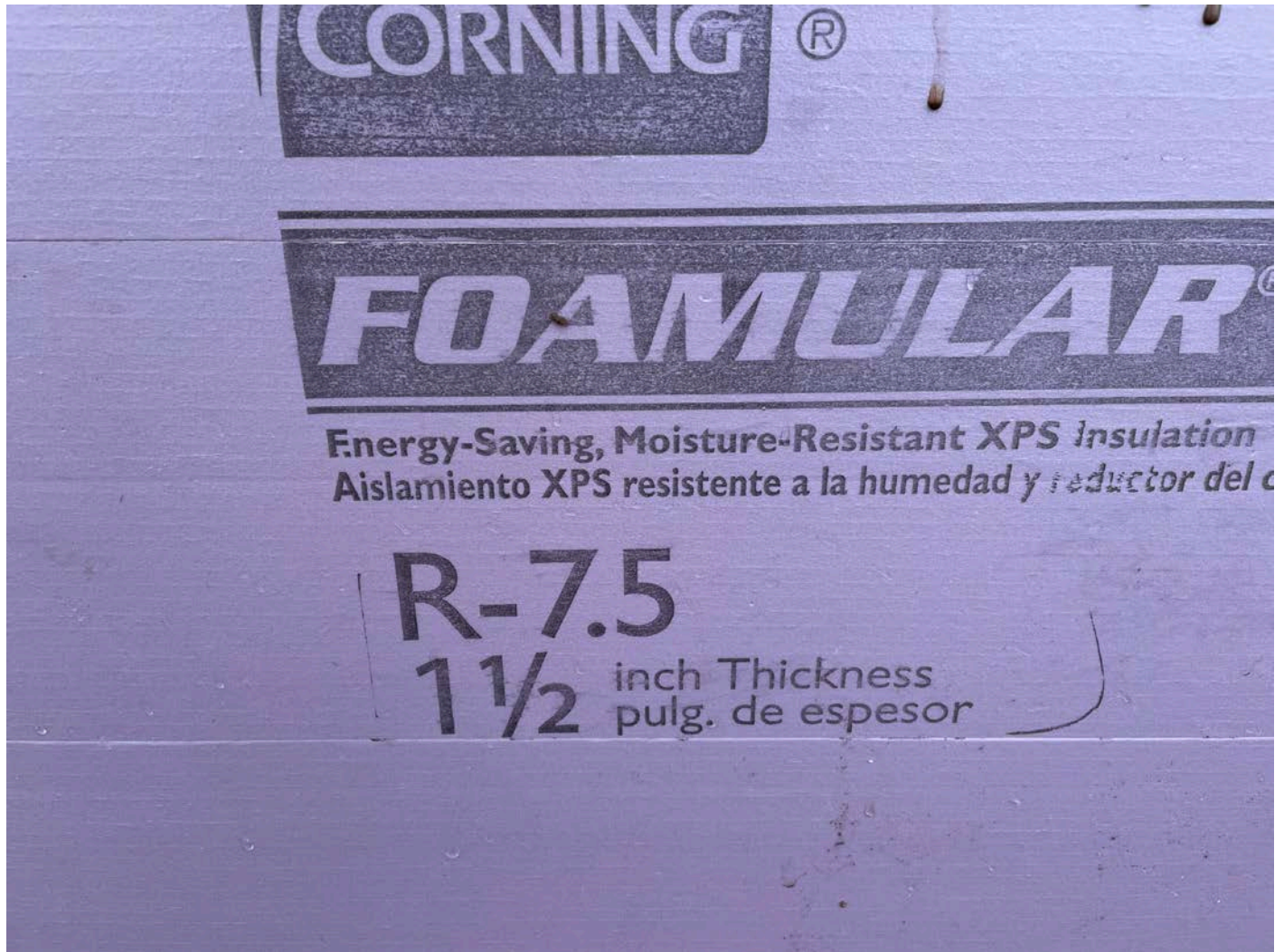
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Picture 9: Foam board that Ludlow placed over ~10' of the 1" copper pipe located on the north side of the 230 Maple Avenue residence.

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Picture 10: 1" copper water service line that Ludlow inserted through the poured-concrete foundation of the 230 Maple Avenue home and secured in place with non-shrink grout. View to the south.

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Picture 11: Foam board that Ludlow placed over 1" copper water service line just north of where it penetrates the north foundation of the 230 Maple Avenue residence. View to the east.

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