

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	November 01, 2021
<b>Location:</b>	Maple Avenue, Durham; S. Main Street, Middletown	<b>Day of Week:</b>	Monday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	354
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 13

Weather Conditions			
Conditions:	Daylight hours: Partly cloudy. Winds variable 0-13 mph.		
Temperature (°F):	High	57°F	Low 47°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
				Skid Steer/Bucket Loader	1	X	8
				Laborers	4	X	8
United Concrete	0	x	8	Note that some persons operate			
Fazzino Plumbing	2	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.
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### Pipe Connections, Installations, and Other Work

Ludlow installed 1" copper water lines at the 175 and 176 Maple Avenue, Durham, properties. Eversource returned to work on the power lines located at the booster station work zone at Station 750+63 in Middletown. Fazzino Plumbing installed final water service components at the 177 and 202 Main Street, Durham, residences.

### Daily Activities – Installation of water lines, Maple Avenue, Durham

Ludlow installed 1" copper water lines at the 175 and 176 Maple Avenue, Durham, properties.

0724: Ludlow mobilizes to the 176 Maple Avenue, Durham, property for the installation of a 1" copper water service line.

0743: Ludlow has begun excavating on the east side of the foundation of the 176 Maple Avenue residence for the installation of a 1" copper water service line.

0811: Ludlow is continuing to excavate between the curb stop and the eastern foundation of the 176 Maple Avenue residence. Ludlow has daylighted the home's fieldstone foundation and has almost daylighted the curb stop.

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0817: Ludlow is preparing to penetrate the eastern foundation of the 176 Maple Avenue residence with a rotary hammer.

0829: Ludlow is currently assessing the best way to bring water service into the 175 Maple Avenue residence. The Appendix B plans indicate that an entry be made through the western foundation, but Ludlow has identified a 6.0' wide crawl space (as measured east-to-west) on the western side of the house that makes a western entry infeasible.

0842: Ludlow has attached 1" copper water service line to the curb stop at the 176 Maple Avenue property, placed it at the bottom of the trench, and ran it through the penetration they made on the eastern foundation of the residence with a rotary hammer. Ludlow is preparing to secure the copper pipe on both sides of the where it penetrates the field stone foundation with non-shrink grout. The penetration point on the eastern foundation of the 176 Maple Avenue residence is 120" south of the home's northeast corner.

0903: Ludlow is placing sand followed by caution tape over the 1" copper water service line they just installed at the 176 Maple Avenue property.

0917: Ludlow is backfilling the trench at the 176 Maple Avenue property in 1' lifts and compacting the fill with a jumping jack.

1001: Ludlow begins to excavate on the south side of the 175 Maple Avenue residence for the installation of a 1" copper water service line. After inspecting the basement of the residence, Ludlow determined that this was the best approach to bring water service into the house.

1013: Ludlow has just penetrated the southern foundation of the 175 Maple Avenue residence with a rotary hammer. The penetration point is 103" east of the homes southwest corner

1039: Ludlow is encountering water in the trench they are excavating at the 175 Maple Avenue property (approximately 20 feet east of Maple Avenue). Ludlow is setting up to pump water out of the trench and into a catch basin located on the east side of Maple Avenue (in front of 173 Maple Avenue residence). Ludlow placed filter fabric over the catch basin to intercept the water prior to discharging into it.

1128: Ludlow is using non-shrink grout to secure the 1" copper waterline on both sides of the foundation at the 175 Maple Avenue residence.

1216: Ludlow has installed 1" copper water service line between the curb stop in the southside of the foundation for 175 Maple Avenue and is preparing to backfill.

1229: Ludlow begins to backfill over the 1" copper water service line they just installed at the 175 Maple Avenue property.

1316: Ludlow is backfilling the trench at the 175 Maple Avenue property with fill that they are placing in 1' lifts and compacting with a jumping jack.

1350: Ludlow is placing and grading loam on those portions of the lawn at the 175 Maple Avenue property that were disturbed during the installation of a 1" copper water service line.

1447: Ludlow is finished installation work at the 175 Maple Avenue property.

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

Fazzino Plumbing installed final water service components at the 177 and 202 Main Street, Durham, residences.

1004: Fazzino Plumbing has mobilized to the 177 Main Street, Durham, residence for the installation of final water service components

1102: Fazzino Plumbing continues the installation of final water service components at the 177 Main Street residence.

1150: Fazzino Plumbing continues the installation of final water service components at the 177 Main Street residence.

1224: Fazzino Plumbing has finished the installation of final water service components at the 177 Main Street property.

1241: Fazzino Plumbing has mobilized to the residence located at 202 Main Street, Durham, for the installation of final water service components.

1327: Fazzino Plumbing continues the installation of final water service components to the residence located at 202 Main Street, Durham.

1435: Fazzino Plumbing continues the installation of final water service components at the 202 Main Street residence.

### Daily Activities – Miscellaneous electrical work, booster station, South Main Street, Middletown

Eversource returned to work on the power lines located at the booster station work zone at Station 750+63 in Middletown.

1044: Eversource arrives at the booster station located at Station 750+63 to work on the powerlines attached to one of the two new poles that were recently installed by Frontier. There is currently one police officer from the City of Middletown providing traffic detail.

1115: Eversource is currently placing shields on the powerlines they are working on at the booster station work zone.

1235: Eversource has departed after they worked on the powerlines at the booster station work zone. Eversource did not connect power to the booster station yet.

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**Picture 1:** Ludlow excavating on the east side of the 176 Maple Avenue, Durham, residence for the installation of a 1" copper water service line. View to the southeast.



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**Picture 2: Ludlow hand-excavating the east side of the fieldstone foundation of the 176 Maple Avenue residence. View to the west.**



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Picture 3: 1" copper water service line that Ludlow installed through the eastern foundation of the 176 Maple Avenue, Durham, residence. View to the northeast.

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**Picture 4: Eversource working on the powerlines at the booster station work zone located at Station 750+63 on S. Main Street, Middletown. View to the west.**



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**Picture 5: Ludlow set up to pump water out of the trench they excavated at the 175 Maple Avenue property for the installation of a 1" copper water service line. View to the north.**



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**Picture 6: Concrete foundation on the south side of the 175 Maple Avenue residence that Ludlow has daylighted during the installation of a 1" copper water service line. View to the north.**



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Picture 7: Ludlow grading loam as they restore the portions of the lawn at the 175 Maple Avenue residence that were disturbed during the installation of a 1" copper water service line. View to the northeast.



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**Picture 8: Ludlow raking loam as they restore the portions of the lawn at the 175 Maple Avenue residence that were disturbed during the installation of a 1" copper water service line. View to the north.**

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**Picture 9: Final water service components that Fazzino Plumbing installed at the 177 Main Street, Durham, residence.**

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**Picture 10: Final water service components that Fazzino Plumbing installed at the 202 Main Street, Durham, residence.**

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