

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	November 15, 2021
<b>Location:</b>	Maiden Lane, Pickett Lane, Maple Avenue, Durham	<b>Day of Week:</b>	Monday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	363
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 13

### Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-5 mph.  
 Temperature (°F): High 48°F Low 34°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			
JMS	1	x	8	Multiple pieces equipment.			
Apuzzo Electric	3	x	8				
CT Traffic Control	0	x	8	Sub-contractor	4	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 with the installation of a 1.5" copper water service line at the 228R 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 248, 262, 265, and 321 Main Street, 18, 24, and 29 Maiden Lane, and 146 Maple Avenue, Durham. Eversource brought power to the booster station located at Station 750+63 on S. Main Street, Middletown.

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

Ludlow continued with the installation of a 1.5" copper water service line at the 228R Maple Avenue, Durham, property.

0711: Ludlow has mobilized to the 228R Maple Avenue property for the installation of a 1.5" copper water service line.

0729: Ludlow continues excavating westward on the south side of the driveway for 228R Maple Avenue. Excavated material is being live loaded into a dump truck and brought to the work yard at 281 Main Street, Durham for temporary storage.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	11/15/21
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0817: Ludlow continues excavating in a westward direction on the south side of the driveway for the installation of a 1.5" copper water service line at the 228R Maple Avenue property.

0918: Ludlow continues excavating in a westward direction on the south side of the driveway for the installation of a 1.5" copper water service line at the 228R Maple Avenue property.

1026: Ludlow has begun to backfill over the 1.5" copper water service line they are installing at the 228R Maple Avenue property. Ludlow is placing 6" of sand over the installed pipe, followed by caution tape, followed by native fill placed in 1' lifts that are being compacted with a jumping jack.

1127: Ludlow continues to backfill over the 1.5" copper water service line that they are in the process of installing at the 228R Maple Avenue property.

1248: Ludlow continues to backfill over the 1.5" copper water service line that they installed at 228 Maple Avenue property. Ludlow has also begun to excavate on the south side of the residence where they will insert the 1.5" copper water service line through the home's poured-concrete foundation. Prior to Ludlow's work on the property, the homeowner for 228R Maple Avenue pre-cut the slats on his deck to provide access for Ludlow to access the insertion point.

1351: Ludlow has penetrated the south side of the poured-concrete foundation of the 228R Maple Avenue residence and has inserted the 1.5" copper water service line through it. Ludlow made the insertion with a rotary hammer: the insertion point is located 42' east of the home's southwest corner. Ludlow is preparing to use non-shrink grout to secure the copper waterline in place where it penetrates the foundation.

1427: Ludlow has secured open sections of the trench at the 228R Maple Avenue property with steel plates and is departing from the property for the day.

### 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 248, 262, 265, and 321 Main Street, 18, 24, and 29 Maiden Lane, and 146 Maple Avenue, Durham.

0737: Apuzzo Electric is installing new bonding wires to the recently installed water system components at the 146 Maple Avenue residence.

0924: Apuzzo Electric is installing new bonding wires to the recently installed water system components at the 18 Maiden Lane residence.

1046: Apuzzo Electric is installing new bonding wires to the recently installed water system components at the 262 Main Street residence.

### Daily Activities – Power connection, Booster Station, S. Main Street, Middletown

Eversource brought power to the booster station located at Station 750+63 on S. Main Street, Middletown.

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# AECOM

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1056: Eversource has mobilized to Station 750+63 on S. Main Street, Middletown to bring power to the booster station.

1111: Eversource begins working at the disconnect located on the northeast corner of the booster station as part of bringing in power.

1135: Eversource continues to work on connecting power to the booster station. They have pulled the wiring from the northern of the two poles that Frontier recently installed and are in the process of connecting it to the northeast corner of the booster station.

1225: Eversource has finished connecting power to the booster station and have departed the work zone.

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Picture 1: Trench that Ludlow is excavating on the south side of the driveway at the 228 Maple Avenue property for the installation of a 1.5" copper water service line. View to the west.

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**Picture 2: Trench that Ludlow has begun to backfill over a 1.5" copper water service line at the 228 Maple Avenue property in Durham. View to the east.**

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Picture 3: Ludlow joining two sections of 1.5" copper water pipe together at the 228R Maple Avenue property. View to the east.

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Picture 4: Sand, caution tape, and native fill that Ludlow has placed over the 1.5" copper water service line they installed at the 228R Maple Avenue property. View to the east.

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Picture 5: Ludlow placing sand over the 1.5" copper water service line they are installing at the 228R Maple Avenue property. View to the east.



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Picture 6: Ludlow excavating a trench on the south side of the 228R Maple Avenue residence for the installation of a 1.5" copper water service line. View to the west.

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Picture 7: Ludlow excavating a trench on the south side of the 228R Maple Avenue residence for the installation of a 1.5" copper water service line. View to the southwest

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**Picture 8: Ludlow compacting native fill that has been placed in a 1' lift over they sand and caution tape that was placed over the 1.5" copper water service line they installed at the 228R Maple Avenue property. View to the southeast.**

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**Picture 9: Ludlow using non-shrink grout to secure a 1.5" copper water service line where it penetrates the southern foundation of the 228R Maple Avenue residence. View to the north**

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**Picture 10: View of the trench that Ludlow has partially backfilled over 1.5" copper water service line that they installed on the south side of the driveway at the 228R Maple Avenue property. View to the east.**

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