

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	November 30, 2021
<b>Location:</b>	Talcott Lane and Maple Avenue, Durham; S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	372
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 11

### Weather Conditions

Conditions: Daylight hours: Overcast. Winds variable 0-6 mph.  
 Temperature (°F): High 37°F Low 21°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	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	3	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 finished property restoration activities at the 230 Maple Avenue property. Ludlow began the installation of a 2" copper water service line at the residence located at 14 Talcott Lane, Durham. Eagle Fence and Guardrail finished the installation of a guardrail at the water tank work zone located on the Shared Access Driveway in Middletown. Frontier installed communication lines to the water meter building. Eversource installed a gas meter at the booster station.

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

Ludlow finished property restoration activities at the 230 Maple Avenue property. Ludlow began the installation of a 2" copper water service line at the residence located at 14 Talcott Lane, Durham.

0719: Ludlow has returned to the 230 Maple Avenue property to begin the placement of loam to restore those areas of the lawn that were disturbed during the installation of a 1" copper water service line yesterday.

0753: Ludlow continues to place, grade, and rake out loam to restore those areas of the 230 Maple Avenue property that were disturbed during the installation of a 1" copper water service line.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	11/30/21
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0811: Ludlow continues to work on raking and seeding the loam they placed at the 230 Maple Avenue property. Ludlow is beginning to mobilize equipment to the 14 Talcott Lane, Durham, property.

0918: Ludlow is excavating on the south side of the 14 Talcott Lane residence near the southeast corner.

0930: Ludlow is using a chainsaw to remove a tree from the path they will need to excavate for the installation of a 2" copper water service line at the 14 Talcott Lane residence.

0934: Ludlow is placing grass seed on the loam they just placed and raked out at the 230 Maple Avenue property.

0957: Ludlow is raking grass seed into the loam they just placed at the 230 Maple Avenue property.

1002: Ludlow has daylighted the poured-concrete foundation of the 14 Talcott Lane residence on the south side of the house. Ludlow is currently using a rotary hammer to penetrate the concrete floor of the residence to bring a 2" copper water service line inside the home. Ludlow has approximately 30' of trench excavated on the south side of the residence so far.

1033: Ludlow continues to drill through the slab basement floor opposite of where they daylighted the southern foundation for the installation of a 2" copper water service line.

1129: Ludlow has used a drill with a 2" core bit to penetrate the southern foundation of the 14 Talcott Lane residence for the installation of a 2" copper water service line. The penetration point is located 38" below surface grade and 53" west of the southwest corner of the house.

1212: Ludlow has cut a hole in the concrete floor of the 14 Talcott Lane residence and is currently using a post hole digger to remove soil down to where they cored a 2" hole through the southern foundation wall.

1247: Ludlow passes 2" copper pipe through the penetration they made on the south side of the foundation for the 14 Talcott Lane residence. Ludlow has resumed excavating a trench in a western direction for the installation of a 2" copper water service line.

1334: Ludlow has secured a section of 2" copper water service pipe that they inserted through the penetration on the southern foundation for the 14th Talcott Lane residence with non-shrink grout. Ludlow continues to excavate a trench to the west for the installation of a 2" copper water service line. Ludlow has daylighted a black 1" HDPE line that runs from the residence's well to the inside of the house.

1412: Ludlow is beginning to place steel plates over the open trench located on the south side of the 14 Talcott Lane residence.

1441: Ludlow has backfilled over approximately 15' of the 2" copper water line they have installed so far. Ludlow has placed 1.5" foam insulation board over the pipe before backfilling. The foam was placed from the concrete foundation to a point 8' south of the foundation.

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### Daily Activities – Installation of gas meter, booster station, S. Main Street, Middletown

Eversource installed a gas meter at the booster station.

1149: Eversource is working at the booster station installing the meter for the gas line that services the generator. The meter is being installed on the south side of the building next to the southwest corner.

### Daily Activities – Installation of communication lines, water meter building, S. Main Street, Middletown

Frontier installed communication lines to the water meter building.

0926: Frontier is setting up to run communication lines from the utility pole to the water meter building located at Station 124+60.

1009: Frontier is currently running communication lines from the utility pole to the water meter building located at Station 124+60.

1147: Frontier continues to run communication lines to the water meter building located at Station 124+60.

### Daily Activities – Installation of guardrails, Shared Access Driveway, Middletown

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

0655: Eagle Fence and Guardrail has returned to the water tank work zone to resume the installation of a guard rail between stations 10+50 and 13+70.

0800: Eagle Fence and Guardrail continue to work on installing a guard rail on the north side of the Shared Access Driveway between stations 10+50 and 13+70.

0844: Eagle Fence and Guardrail continue to work on installing a guard rail on the north side of the Shared Access Driveway between stations 10+50 and 13+70.

1010: Eagle Fence and Guardrail has finished the installation of a guard rail between stations 10+50 and 13+70 on the north side of the Shared Access Driveway in Middletown and have departed.

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Picture 1: Ludlow grading loam that they placed at the 230 Maple Avenue property to restore those areas that were disturbed during the installation of a 1" copper water service line. View to the north.

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**Picture 2: Ludlow raking out the loam they placed at the 230 Maple Avenue property to restore those areas that were disturbed during the installation of a 1" copper water service line. View to the northwest.**

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**Picture 3: Guardrail that Eagle Fence and Guardrail installed between Stations 10+50 and 13+70 on the north side of the Shared Access Driveway in Middletown.**

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**Picture 4:** Ludlow penetrating the concrete floor of the 14 Talcott Lane residence to bring a 2" copper water service line inside the home. View to the south.



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Picture 5: Eversource installing a gas meter on the south side of the booster station next to the southwest corner.



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Picture 6: Ludlow using a post hole digger to remove soil down to where they cored a 2” hole through the southern foundation wall of the 14 Talcott Lane residence. View to the south.

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Picture 7: 2" copper water service line that Ludlow inserted through the southern foundation of the 14 Talcott Lane residence and secured in place with non-shrink grout. View to the north.

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Picture 8: 2" copper water line that Ludlow has brought to the inside of the 14 Talcott Lane residence. View to the south.