

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 27, 2021
Location:	Main Street, Durham, Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	351
Contractor:	Ludlow Construction	Page:	1 of 14

Weather Conditions

Conditions: Daylight hours: Cloudy. Winds variable 0-10 mph.
 Temperature (°F): High 55°F Low 46°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	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	1	X	8	Note that some persons operate			
Fazzino Plumbing	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	1	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.

Pipe Connections, Installations, and Other Work

Ludlow installed 1" copper water lines at the 202 and 208 Main Street, Durham, properties. United Concrete checked on the equipment in the altitude valve vault that relies on the power that was recently brought to the vault.

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

Ludlow installed 1" copper water lines at the 202 and 208 Main Street, Durham, properties.

0710: Ludlow mobilizes to the 202 Main Street, Durham, residence for the installation of a 1" copper water service line.

0736: Ludlow is using a shovel to daylight the top of the septic tank at the 202 Main Street residence. Ludlow plans to pump any water they encounter during the installation of a 1" copper water service line into the septic tank. Ludlow is currently excavating on the east side of the residence using a Volvo ECR58, working eastwards.

0751: Ludlow is setting a pump surrounded by ¾" stone in the trench they are excavating on the east side of the 202 Main Street residence. The discharge end of the hose has been directed into the septic tank opening located on the northeast corner of the house.

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0812: Ludlow is excavating on the east side of the 202 Main Street residence, currently daylighting the curb stop by hand with a shovel.

0822: Ludlow has penetrated the east side of the field stone foundation of the 202 Main Street residence with a rotary hammer for the installation of a 1" copper water service line. The penetration point through the foundation is 105" south of the northeast corner of the residence.

0831: Ludlow has placed a sleeve of 4" PVC SDR35 sewer pipe around the 1" copper water service pipe that they are installing on the east side of the 202 Main Street residence. Ludlow is preparing to seal both ends of the 4" PVC around the 1" copper water service line with polyurethane foam sealant.

0854: Ludlow has secured 1" copper water service line into the fieldstone foundation of the 202 Main Street residence with non-shrink grout. Ludlow is currently applying polyurethane foam sealant around the 1" copper pipe that Ludlow placed inside of the 4" PVC sewer pipe where the PVC pipe comes in contact with the home's fieldstone foundation.

0908: Ludlow is currently applying polyurethane foam sealant around the east end of the 4" PVC sewer pipe around the 1" copper water service line.

0918: Ludlow has replaced the valve stem to the curb stop at the 202 Main Street property and is backfilling around the valve stem with sand.

0953: Ludlow is backfilling the trench they excavated at the 202 Main Street property with native fill.

1029: Ludlow is spreading lime on top of the fill they used to backfill the trench and to repair the sections of the lawn that were disturbed during the installation of a 1" copper water service line at the 202 Main Street property.

1048: Ludlow continues to restore the portions of the lawn at 202 Main Street property they disturbed during the installation of a 1" copper water service line.

1118: Ludlow has finished work at 202 Main Street property. Those sections of the lawn that were disturbed during the installation of the 1" copper water service line have been covered with loam that has been seeded with grass seed.

1154: Ludlow is using a cutoff saw to cut the outline of a trench on the asphalt driveway of the 208 Main Street property.

1216: Ludlow begins to remove asphalt from the footprint of the trench they will excavate for the installation of a 1" copper water service line at the 208 Main Street residence.

1253: Ludlow is excavating a trench on the north side of the 208 Main Street residence for the installation of a 1" copper water service line. So far, Ludlow has daylighted the field stone foundation on the north side of the house.

1323: Ludlow continues to excavate trench at the 208 Main Street property for the installation of a 1" copper water service line.

1340: Ludlow is hammering rock in the trench they are excavating at the 208 Main Street property, using a Volvo EW170 excavator.

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1350: Ludlow has inserted 1" copper water line through the field stone foundation of the 208 Main Street residence. The copper water service pipe penetrates the north foundation of the house 32.5' east of the homes north west corner.

1411: Ludlow is connecting 1" copper water service line to the curb stop associated with the 208 Main Street residence.

1445: Ludlow is compacting fill with a jumping jack that they backfilled into the trench they excavated on the driveway of the 208 Main Street property.

1509: Ludlow is finishing up at the 208 Main Street property for the day. Ludlow has compacted the fill they placed in the trench they excavated on the driveway during the installation of a 1" copper water service line. Ludlow has informed the property owner that they will return tomorrow to pave over the trench foot print.

Daily Activities – Miscellaneous electrical work, Shared Access Driveway, Middletown

United Concrete checked on the equipment in the altitude valve vault that relies on the power that was recently brought to the vault.

1103: A technician from United Concrete is working at the water tank work zone located east of the Shared Access Driveway, checking on the equipment in the altitude valve vault that relies on the power that was recently brought to the vault.

1230: United Concrete continues working on checking out the equipment at the altitude valve vault located at the water tank work zone.

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Picture 1: Ludlow pumping water from the excavation they made on the east side of the 202 Main Street, Durham, residence into the septic tank located on the northeast corner of the house. View to the north.

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Picture 2: Ludlow placing 4" PVC sewer pipe over the 1" copper water service line they are installing on the east side of the 202 Main Street residence. View to the west.

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Picture 3: 4" PVC sewer pipe that Ludlow placed over the 1" copper water service line they are installing on the east side of the 202 Main Street residence. Ludlow has placed polyurethane foam sealant between the 4" PVC and the 1" copper line. View to the west.

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Picture 4: Ludlow has just placed polyurethane foam sealant between the 4" PVC and the 1" copper water service line they are installing on the east side of the 202 Main Street residence. View is of the east side of the 1" copper water line where it connects to the curb stop for the 202 Main Street property. View to the north.

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Picture 5: Polyurethane foam sealant that Ludlow used as a seal between the 4" PVC sewer pipe and the 1" copper water service line they are installing on the east side of the 202 Main Street residence.

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Picture 6: Ludlow placing sand over the 4" PVC sewer pipe that was placed as a sleeve over the 1" copper water service line they installed on the east side of the 202 Main Street residence. View to the west.

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Picture 7: Ludlow is spreading lime on top of the fill they used to backfill the trench and to repair the sections of the lawn that were disturbed during the installation of a 1" copper water service line at the 202 Main Street property. View to the southeast.

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Picture 8: Ludlow saw cutting a footprint for the trench they will excavate on the asphalt driveway of the 208 Main street residence for the installation of a 1" copper water service line. View to the southwest.

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Picture 9: Ludlow removing asphalt from the driveway of the 208 Main Street residence as part of the installation of a 1" copper water service line. View to the southeast.

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Picture 10: 1" copper water service line that Ludlow has inserted through the northern foundation of the 208 Main Street residence. View to the south.

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Picture 11: Ludlow compacting fill over sand and caution tape that was placed over the 1" copper water service line they installed at the 208 Main Street residence. View to the southwest.