

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 21, 2021
Location:	Main Street, Durham; S. Main Street, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	327
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours: Partly sunny. Winds variable 0-3 mph.
 Temperature (°F): High 73°F Low 48°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	0	x	8	Note that some persons			
Fazzino Plumbing	0	x	8	operate multiple pieces			
A&R Electrical	1	x	8	of equipment.			
CT Traffic Control	1	x	8	Sub-contractor	2	X	8
DN Tanks	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 service lines at the 298 and 312 Main Street, Durham, residences. Eversource subcontractor Airways installed traffic loops on Middlefield Road (Route 147) in Durham. A&R Electrical installed PVC and steel conduits at the water meter vault located at Station 750+63 in Middletown. Ludlow directed the pouring of 4000 PSI concrete over conduits coming off recently installed poles at the booster station and the water meter vault.

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

Ludlow installed 1" copper water service lines at the 298 and 312 Main Street, Durham, residences.

0710: Ludlow has mobilized to the 298 Main Street, Durham, residence for the installation of a 1" copper water service line.

0731: Ludlow begins to excavate on the northeast corner of the 298 Main Street residence for the installation of a 1" copper water service line. Ludlow is currently daylighting the north side of the home's foundation approximately 5' feet west of the northeast corner of the main section of the house (the wing of the house that juts out to the east).

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0825: Ludlow is penetrating the northern foundation of the residence at 298 Main Street with a rotary hammer. The foundation is made of field stone. The penetration was made 80" west of the northeast corner of the section of the house that juts out to the east.

0839: Ludlow is placing sand and caution tape over the 1" copper water service line they placed between the curb stop and the foundation of the 298 Main Street residence.

0906: Ludlow is repairing a 4" clay drain line at the 298 Main Street residence that they broke during the installation of a 1" copper water service line. Ludlow is using 4" PVC and two Fernco boots to make the repair. Ludlow is backfilling over the 1" copper water service line, placing fill in 1' lifts and compacting it with a jumping jack.

0949: Ludlow is placing pavers at the 298 Main Street residence. Ludlow is also finishing up with backfilling the trench they excavated for the installation of a 1" copper water service line.

1015: Ludlow has mobilized to the 312 Main Street property to install a 1" copper water service.

1121: Ludlow has begun excavating on the north side of the 312 Main Street residence for installation of a 1" copper water service line.

1154: Ludlow is hammering rock that they've encountered while excavating at the 312 Main Street property for the installation of a 1" copper water service line.

1229: Ludlow continues to break up rock they've encountered in the trench they are excavating at the 312 Main Street property.

1248: Ludlow has a 1" copper water service line installed at 312 Main Street and is starting to backfill over the pipe with sand.

1314: Ludlow is backfilling the trench that they excavated at 312 Main Street property with fill after having placed sand and caution tape over the 1" copper water service line they installed on the north side of the residence.

1345: Ludlow continues backfilling the trench at the 312 Main Street property and is compacting the fill with a jumping Jack.

Daily Activities – Booster station, S. Main Street, Middletown

Ludlow directed the placement of 4000 PSI concrete over the 2" PVC conduits coming off one of the recently installed poles at the booster station located at Station 750+63.

1353: Ludlow and JTC has mobilized to the booster station located at Station 750+63 ahead of a concrete pour that has been scheduled for 1400 hours.

1422: Concrete has not yet been delivered to the booster station. Ludlow has placed rebar above and below the 2" PVC conduit that is receiving the concrete placement. The adjoining 4" conduits have been covered with sand.

1458: Farmington Redimix arrives at the booster station with a load of 4000 PSI concrete.

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1503: Farmington begins to place concrete over the 2" PVC conduits at the booster station located at Station 750+63. JTC reports the following field QC data for the 8-yard load of concrete that was delivered to the booster station:

- slump: 7.0"
- air entrainment: 5.2%
- temperature: 80.0°F

Daily Activities – Water meter building, S. Main Street, Middletown

A&R Electrical installed conduits at the water meter building coming off one of the recently installed poles at the water meter building located at Station 124+80. Ludlow directed the placement of 4000 PSI concrete encasement over the conduits.

Daily Activities – Miscellaneous work, Durham

Eversource subcontractor Airways installed traffic loops on Middlefield Road (Route 147) in Durham.

0802: Eversource subcontractor Airway is saw-cutting pavement on Middlefield Road (Route 147) next to where it intersects with Main Street for the installation of traffic loops.

0939: Airway continues to work on Middlefield Road (Route 147) next to the intersection of Main Street where they are saw-cutting pavement for the installation of traffic loops.

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Picture 1: Ludlow beginning to excavate at the northeast corner of the 298 Main Street, Durham, residence on the north side of the home. View to the southwest.

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Picture 2: Ludlow compacting backfill with a jumping jack in the trench they excavated for the installation of a 1" copper water service line at the 298 Main Street residence. View to the southwest.

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Picture 3: 4" PVC and Fernco boot used to repair a clay drain line that was broken during the installation of a 1" copper water service line at the 298 Main Street residence.

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Picture 4: A&R Electrical installing conduits at the meter station building located at Station 124+80 S. Main St. Middletown. View to the southwest.

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Picture 5: Ludlow replacing pavers for the walkway at the 298 Main Street residence after the installation of a 1" copper water service line. View to the north.

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Picture 6: Ludlow using a hammer to break up bedrock they encountered when excavating a trench on the north side of the 312 Main Street residence for the installation of a 1” copper water service line. View to the east.

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Picture 7: Ludlow using a jackhammer to break up bedrock they encountered when excavating a trench on the north side of the 312 Main Street residence for the installation of a 1" copper water service line. View to the east.

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Picture 8: Ludlow placing rebar under and over the 2" PVC conduits coming off one of the recently installed poles at the booster station located at Station 750+63 S. Main St., Middletown. View to the northeast.

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Picture 9: Ludlow directing the placement of 4000 PSI concrete over the 2” PVC conduits coming off one of the recently installed poles at the booster station located at Station 750+63 S. Main St. Middletown. View to the northeast.

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READY-MIX
A NorthEast Materials Company

Plant
10 Meadow Ln
Stafford Spring, CT 06076
860-458-4001

Mailing
PO Box 536
Stafford Spring, CT 06076

WARNING HEALTH WARNING WARNING
Cement powder, freshly mixed concrete, grout, mortar and other portland cement products can cause irritation and severe burns by direct or indirect contact, even through clothing, to all parts of the body including, but not limited to, the skin and eyes. Wear rubber boots and gloves and avoid all contact with the skin, body, eyes and clothing. In case of contact with any part of the body including, but not limited to, the skin or eyes, flush immediately and thoroughly with water. If irritation persists, get medical attention immediately. **KEEP OUT OF REACH OF CHILDREN.**
Material data safety sheets available on request.
My signature below indicates that I have read and understood the above health warning and safety, relinquish and discharge any and all claims for any injury, damage or loss of any kind from this product or its delivery.

PROPERTY DAMAGE/TOWING RELEASE
(MUST BE SIGNED PRIOR TO DELIVERY INSIDE CURB LINE)
The size and weight of this truck and all subsequent trucks delivering materials adjacent property, or may possibly cause damage to the premises and/or subsequent loads are delivered inside the curbs line. This RELEASE relieves responsibility for any damage that may occur to the premises, adjacent property, driveways, septic systems, water systems, wires, cables and other utilities, by the delivery of materials. The undersigned agrees to help remove mud from the wheels of all trucks so that they will not litter the public street. You agree to consideration, if any, incurred in having a Connecticut Ready Mix authorized of this and subsequent trucks and Connecticut Ready Mix for any and all damage to the premises, utilities and/or any property which may be claimed by anyone to have arisen out of deliveries to the premises and/or adjacent property. SIGNED BUYER OR AUTHORIZED AGENT.

I AM AWARE THAT EXCESSIVE WATER HAS A DETRIMENTAL EFFECT ON THE PERFORMANCE OF CONCRETE.
WATER ADDED ON JOB _____ GALS. X

LOAD RECEIVED BY: *[Signature]*

Form 9892 REV 05/10

Picture 10: Ticket for the 8 yards of 4000 PSI concrete that Ludlow placed today over conduits at the booster station and the water meter vault.

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Picture 11: View of the concrete that was placed over PVC conduits at the water meter building located at Station 124+80 S. Main St. Middletown. View to the south.

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Picture 12: View of the concrete that was placed over PVC conduits at the booster station located at Station 750+63 S. Main St. Middletown. View to the northeast.

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