

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 25, 2021
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	272
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions			
Conditions:	Daylight hours: Cloudy, some rain. Winds variable 0-7 mph.		
Temperature (°F):	High 76°F	Low	50°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	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/Bucket Loader	1	x	8
				Laborers	3	X	8
JTC	0	x	8	Note that some persons			
United Concrete	0	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
Barnhart	0	x	8	Sub-contractor	2	X	8
DN Tanks	3	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: Rich Berlandy, AECOM.

Pipe Connections, Installations, and Other Work

Ludlow worked on installing 1" copper water service lines at residences in Durham. DN Tanks continued to work on the water tank located east of the Shared Access Driveway in Middletown. The project team performed an informal walkthrough of the water tank to inspect and identify outstanding punch list items. Ludlow backfilled over the utility trench located south of the Shared Access Driveway in Middletown and performed other earth work at the water tank work zone. Ludlow flushed an 8" water line that is located on a portion of Talcott Ridge Drive and on the booster station property.

Daily Activities – Installation of service lines, Durham

Ludlow installed 1" copper water service lines at residences in Durham.

0713: Ludlow is mobilizing to the residence at 174 Main Street, Durham, to connect the associated curb stop to a previously installed section of 1" copper water service line that was run into the home's foundation last year.

0734: Ludlow is in the process of connecting the curb stop at 174 Main Street the previous-installed 1" copper water service line. Ludlow used a 3-foot section of 1" copper pipe and another compression fitting to make the connection.

Res. Representative:	J. Meunier	Date:	06/25/21
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0802: Ludlow has backfilled over the connection that Ludlow made between the curb stop and the 3' section of 1" copper pipe they just installed for the residence at 174 Main Street, Durham. Ludlow is using a jumping jack to compact the fill that was placed over the pipe.

0828: Ludlow is finished work at the 174 Main Street residence. Ludlow is currently excavating on the east side of the 202 Main Street residence for the installation of a 1" copper water service line. Light rain is currently falling.

0920: Ludlow started excavating a trench on the northeast corner of the residence at 202 Main Street in Durham for the installation of a 1" copper water service line. Ludlow observes water flooding the trench that they think is associated with the home's septic system. Ludlow backfills the trench and plans to resume the installation of the copper line until a later date when alternate plans are made for the pipe installation. AECOM did not observe materials in the trench excavation that looked like leach field materials.

0936: Ludlow is currently hand digging at the northeast corner of the residence at 202 Main Street to daylight the four" PVC pipe that leads from the home's septic tank to the leach field located to the southeast of the house. One section of the pipe that was daylighted appeared to be crushed (prior to Ludlow's work today).

1001: Ludlow is in the process of backfilling the trench at the northeast side of the 202 Main Street residence.

1041: Ludlow has finished backfilling at 202 Main Street. Ludlow is in the process of backfilling the trench at the northeast side of the 202 Main Street residence.

Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

DN Tanks continued to work on the water tank located east of the Shared Access Driveway in Middletown. The project team performed an informal walkthrough of the water tank to inspect and identify outstanding punch list items. Ludlow backfilled over the utility trench located south of the Shared Access Driveway in Middletown and performed other earth work at the water tank work zone.

0855: DN Tanks is cleaning out the water tank for an informal walkthrough that will be performed at 11:00.

1022: DN Tanks has the interior of the water tank cleared of materials and equipment and is currently tightening bolts on the inlet pipe (they are tightening the bolts slowly over the course of a number of days).

1056: Ludlow, USACE, and AECOM meet with DN Tanks personnel to perform an informal site walkthrough inside of the water tank located east of the Shared Access Driveway in Middletown.

1146: Ludlow begins to backfill over the communication and electric conduits on the south side of the Shared Access Driveway in Middletown. Ludlow is placing sand over the 2" PVC communications conduits (that are encased concrete) and the four-inch PVC electrical conduits. Ludlow is placing the appropriate caution tape on top of both series of conduits.

1314: Ludlow has almost finished backfilling the utility trench located south of the Shared Access Driveway. Ludlow is compacting the backfill with compactor roller.

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1420: Ludlow is placing rip rap and geofabric around the catch basin located at ~Station 13+20. Ludlow is also grading soil on the south side of the Shared Access Driveway at ~Station 11+50.

1440: Ludlow secures the Shared Access Driveway east of the driveway for 214 Talcott Ridge Drive with 2 rows of traffic cones. Ludlow secures the turnout by parking a large excavator on it.

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

Ludlow flushed an 8" water line that is located on a portion of Talcott Ridge Drive and on the booster station property.

1327: Ludlow is flushing the 8" water line that runs from the intersection of Talcott Ridge Drive and Watch Hill Drive to Station 750+59 and through the booster station.

1359: Ludlow marking out pavement overcuts at station 700+00 for the permanent paving activities that are scheduled for next Monday.

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Picture 1: Ludlow excavating at the curb stop for 174 Main Street as the work to connect a section of 1" copper pipe that was previously installed at the residence to the curb stop. View to the southeast.

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Picture 2: Ludlow hand digging on the northeast corner of the 202 Main Street residence to daylight a 4" PVC line that runs from the home's septic tank to its leach field. View to the northwest.

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Picture 3: Ludlow hand digging on the northeast corner of the 202 Main Street residence to daylight a 4" PVC line that runs from the home's septic tank to its leach field. The trench that Ludlow started to excavate to place a 1" copper water service line through the east side of the home's foundation is visible on the left. View to the northwest.

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Picture 4: Short pipe nipple located at the base of the inlet pipe of the water tank that Ludlow installed to assist in pressure testing the pipes associated with the water tank. The removal of this nipple and cap is on the punch list of items to be finished at the water tank. View to the southwest.

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Picture 5: Patched area of the inside of the water tank where a temporary entrance was removed and sealed. Smoothing of the shotcrete surface with additional repair mortar is on the punch list of items to be finished at the water tank. View to the east.

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Picture 6: Ludlow placing caution tape over electrical and communications conduits in the utility trench located south of the Shared Access Road in Middletown. View to the east.

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Picture 7: Backfill that Ludlow placed and compacted over electrical and communications conduits in the utility trench located south of the Shared Access Driveway in Middletown. View to the east.

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Picture 8: Ludlow placing backfill over electrical and communications conduits in the utility trench located south of the Shared Access Driveway in Middletown. View to the east.

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Picture 9: Ludlow grading backfill that they placed over electrical and communications conduits in the utility trench located south of the Shared Access Driveway in Middletown. View to the southeast.

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Picture 10: Ludlow marking out trench overcuts for permanent paving activities that will be performed on Monday. S. Main Street at ~Station 700+00. View to the east.

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Picture 11: Ludlow flushing an 8" water line that is located on a portion of Talcott Ridge Drive and on the booster station property. View to the west.

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Picture 12: Ludlow placing riprap over geofabric that has been placed around a catch basin located south of the Shared Access Driveway at ~Station 13+20. View to the north.