

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 11, 2022
Location:	Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	401
Contractor:	Ludlow Construction	Page:	1 of 8

Weather Conditions			
Conditions:	Daylight hours: Sunny. Wind variable 0-10 mph.		
Temperature (°F):	High 61°F	Low	34°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	0	X	8
				Safety Officer	0	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
Knapp Engineering	0	X	8	Skid Steer/Bucket Loader	1	X	8
Fazzino Plumbing	0	X	8	Laborers	2	X	8
United Concrete	0	X	8	Note that some persons operate			
Frontier	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	0	X	8
A&R Electrical	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors:	None.
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Pipe Connections, Installations, and Other Work

Ludlow began water line installation activities at 201-203 Main Street, Durham (the Durham Manufacturing facility).

Daily Activities – Installation of water lines, Durham

Ludlow began water line installation activities at 201-203 Main Street, Durham (the Durham Manufacturing facility).

0730: Ludlow is in the process of mobilizing equipment to the Durham Manufacturing Facility located at 201-203 Main Street, Durham as they prepare to install a 4" DIP water line and an associated concrete meter vault.

0802: Ludlow continues to mobilize equipment to the Durham Manufacturing Facility.

0833: Ludlow is marking out known and suspected subsurface utilities as they prepare to begin excavating for the installation of a 4" DIP water service line at the Durham Manufacturing Facility.

Res. Representative:	J. Meunier	Date:	4/11/22
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0900: Ludlow has started excavating a trench for installation of a 4" DIP water service line at ~Station 199+55 for the Durham Manufacturing Facility. Excavation started immediately east of the sidewalk located east of Main Street and is progressing eastwards.

0922: Ludlow continues excavating in an eastward direction and has just installed a trench box at the west side of the trench.

1009: Ludlow continues excavating at the Durham Manufacturing property in an eastward direction. Ludlow is also setting up a pavement saw in the facility's parking lot to cut the footprint of the trench that they will excavate to install the 4" DIP water service line.

1021: Ludlow has just daylighted the top of a metal underground storage tank to the north/northwest of the adjacent concrete well vault. The top of the tank is approximately 4' below surface grade. Several employees from Durham Manufacturing indicate that the tank is one of two water storage tanks that were installed several decades ago.

1037: Ludlow is evaluating the excavation of test pits along the water service line installation pathway to locate the second water tank reported by Durham Manufacturing.

1040: Ludlow brings a second excavator equipped with a pneumatic hammer attachment to the Durham Manufacturing property.

1042: Mike Pio (Ludlow), Kurt Mintell (USACE), and Rich Berlandy (AECOM) discuss the implications of the presence of the water tank relative to the installation of the 4" DIP water service line at the Durham Manufacturing property. Ludlow resumes excavating the trench in an eastward direction.

1048: Ludlow has daylighted a second metal underground storage tank, located east of, and parallel, to the first tank they daylighted.

1103: Ludlow is excavating a test pit in line with the path of the 4" DIP installation, looking for additional subsurface utilities. The test pit is located approximately 20 feet northeast of the existing well vault.

1114: Ludlow continues to saw cut the footprint of trench that will get excavated through the driveway of the Durham manufacturing facility during the installation of the 4" DIP waterline.

1249: Ludlow is hand excavating in the test pit located 20' northeast of the concrete well vault as they attempt to daylight the well line and the well pump power line.

1331: Ludlow locates the well water line and its associated power line to the north/northeast of the concrete well vault. Both lines are located approximately 5.5' below surface grace.

1347: Ludlow has marked the location of the well line and its associated power line with a piece of 1"x3" lumber and is beginning to backfill the trench as they prepare to depart the site for the day.

1410: Ludlow has placed a large steel plate over the section of the trench they excavated to the north/northwest of the concrete well vault and has backfilled the text pit to the north/northeast of the vault. Ludlow has departed the work zone for the day.

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Picture 1: Ludlow beginning to excavate a trench at the Durham Manufacturing property for the installation of a 4" DIP water service line. View to the northeast.

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Picture 2: Ludlow beginning to excavate a trench at the Durham Manufacturing property for the installation of a 4" DIP water service line. View to the southwest.

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Picture 3: One of two catch basins where Ludlow placed filter fabric beneath the grate to capture sediment while they install a 4" DIP water line at the Durham Manufacturing property. View to the northwest.

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Picture 4: Top of the first water storage tank that Ludlow daylighted while excavating a trench for the installation of a 4" DIP water service line at the Durham Manufacturing property. View to the east.

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Picture 5: Ludlow saw cutting the footprint of trench through the driveway of the Durham manufacturing facility for the installation of the 4" DIP waterline. View to the east.

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Picture 6: Ludlow excavating a test pit south of the existing well vault as they work to daylight the well line and its associated power line. View to the northwest.