

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours: Cloudy, 100% clouds. Winds variable 0-5 mph.
 Temperature (°F): High 75°F Low 60°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
				Skid Steer/ Bucket Loader	1	X	8
				Laborers	3	X	8
United Concrete	1	x	8	Note that some persons			
Fazzino Plumbing	2	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
CT Traffic Control	1	x	8	Sub-contractor	0	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 completed the installation of 1" copper water service line at 227 Main Street, adding 36.5 feet of copper line from the curb stop to the basement. After completing 227 Main Street Ludlow headed back to 280 Main Street (Notre Dame Church); where they continued the 1.5" copper water line installation. The additional footage hasn't been tallied, but it is roughly 80 feet more of pipe to hook up from where they left off on Monday making the entire run from the curb stop approximately 160 feet. From yesterday, both Durham Market and the driveway at Durham Academy were inspected this morning and both had been paved; to cover the cuts from the water line installation.

Fazzino Plumbing and Heating, Inc. started at 227 Main Street this morning, working in tandem with Ludlow to swap out the existing well line with the new copper municipal service via the same conduit into the house. The port into the house is located on the south wall under the wrap around porch. The water line runs through a conduit that allowed installing the new line without having to touch the porch. Fazzino then moved onto 246 Main Street and 243 Main Street.

United Concrete has an electrician up at the tank this week, excepting Thursday. The electrician has reconfigured the box to fit all the systems in the control cabinet and is now working on getting conduit installed and eventually wiring. Still thinks it will take him to end of the week to complete.

Res. Representative:	W. Abrahams-Dematte	Date:	08/04/2021
-----------------------------	---------------------	--------------	------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	2 of 12

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

Ludlow completed two water line installations today, a 1" copper line to 227 Main Street and a 1.5" copper line at 280 Main Street (Notre Dame Church). The latter was a continuation of work that started on Monday 8/2/21. While the service was completed on the latter, there is still an hour or two of finish grading to complete at the church. Of note at the church, there were a number of apparently abandoned pipes and wires near the building where the water service entered. The wires actually looked more like cables and when tested did not show any power in them. There were two types of pipe, a small copper tube, approximately 1/8" and a 1.5-inch iron pipe; neither drained any type of fluids. The larger pipe was traceable back into the building where on the inside it was plugged with cement. Outside the pipe seems to disappear into the side of the trench but does not reappear in the other trench that is at right angles to the service entrance trench. Also noted in the trench was a faint odor of fuel oil and an area of sand fill (non-native material) suggesting that there had possibly been a buried fuel oil tank at one time. There was no noticeable staining observed.

0715: Ludlow setting up at 227 Main Street.

0830: Ludlow has trenched from the curb stop to the 4" conduit that the existing water line from the well runs through.

0845: Ludlow is having trouble getting the copper line through the conduit because there is a turn in the conduit that is preventing the 1" copper line from being pulled through. They have extended the trench up to the edge of the porch and remove the conduit up to the elbow, creating a straight shot into the house. The conduit/water line enters the house 26" from the southwest corner of the house (not porch) at approximately 3 feet below grade along the south side. Inside, the pipe comes through the wall at 4.5 feet below the sill.

1035: Ludlow has pretty much completed 227 Main Street and has begun mopping up to 280 Main Street.

1100: Ludlow beginning the completion of 280 Main Street.

1300: Ludlow has completed the trench down to the back of the church building at 280 Main Street. Working on the penetration into the building. The line is entering 10 feet east of the southwest corner of the church at a depth of 3 feet below the asphalt. This places the pipe right above the footing of the building. Inside the 1.5" copper line comes in 32" below the floor of the building. A hole was hammered through the floor to access and bring the line up into the utility room of the church.

1420: Ludlow has completed the line insert and is backfilling the trench now.

1445: Ludlow has packed up and cleaned up the church. There is still some finishing work to be completed in the morning before moving across the street.

Daily Activities – Full water service installation activities, Main Street, Durham

Fazzino Plumbing and Heating, Inc. began the day at 227 Main Street, then moved to 246 Main Street and 243 Main Street. The last location was a three-family structure with a business and the plumbers are requesting access to the private residence side to remove pressure tanks and water treatment bottles. Otherwise they would have to haul them up stairs through the business to remove. While discussing this issue Fazzino noted that the smaller meters required for the buildings with multiple units have been delayed from the supplier, meaning that Fazzino will need to return to a number of places to install them.

Res. Representative:	W. Abrahams-Dematte	Date:	08/04/2021
-----------------------------	---------------------	--------------	------------

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	3 of 12

0800: Fazzino continuing the preparatory work for linking the new water line to 227 Main Street. He will have to come back to install two meters as the unit is a duplex. Working in tandem with Ludlow because the same hole through the foundation will be used to run the maniple line.

1045: Fazzino completed 227 Main Street. The port into the house is located on the south wall under the wrap around porch. I was able to calculate the entrances as 26" from the southwest corner of the building (not the porch) and at an estimated depth of 3 feet below grade (4.5 feet below the sill as measured on the interior wall). The installation is on the south wall.

1100: Fazzino unloading waste to dumpster at the office trailer park and dropping off old pressure and treatment tanks.

1310: Fazzino completes 246 Main Street. Installation is on the east wall.

1420: Fazzino completes 243 Main Street. Installation is on the south wall. Water line comes in the east wall. This building is a three-family home with a business. The pressure and treatment systems are located under the business end of the house, which the only access is through the business and down a flight of stairs. The residential end has a basement at grade due to the slope of the property. The plumbers are requesting permission to remove old system parts (pressure/treatment system components) through the adjacent residential building so as to avoid hauling the systems up the steps and through the business.

Daily Activities – Miscellaneous road work, Durham

0700: Paving the west bound lane of Route 68, starting at Route 17. East bound lane is only open lane. No detour signs or other direction. Unfortunately, this is where 227 Main Street is, so the intersection was incredibly busy this morning.

1400: A road marking company, Safety Marking, is coming down Route 17 variously stopping traffic so that they can mark the center line of the road.

Daily Activities – Altitude valve vault, Shared Access Driveway, Middletown

0800: United Concrete is up at the Tank continuing the installation of system panels into the control panel box. The components were not available for installation at the shop prior to delivery to the site. The boxes are in place, so electrician is working on conduits now.

Res. Representative:	<u>W. Abrahams-Dematte</u>	Date:	<u>08/04/2021</u>
-----------------------------	----------------------------	--------------	-------------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	4 of 12



Picture 1: United Concrete electrician working on Control Box up at the Tank. Reconfigured box with new control panels. Electrician will return Friday 8/6 to complete conduits and wiring.



Picture 2: Fazzino installation on south wall of 227 Main Street on left. On right items removed.

Res. Representative:	<u>W. Abrahams-Dematte</u>	Date:	<u>08/04/2021</u>
-----------------------------	----------------------------	--------------	-------------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	5 of 12



Picture 3: Fazzino 246 Main Street installation on the east wall, water line enters on the east wall.



Picture 4: Fazzino 243 Main Street installation on the south wall, water line enters on the west wall.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	6 of 12



Picture 5: Facing east-northeast. Trench into 227 Main Street. To left of picture is row of hedges and sidewalk. In foreground is the curb stop and mid distance the well. Due to a bend in the conduit (not visible) this trench will need to be extended.

Res. Representative:	<u>W. Abrahams-Dematte</u>	Date:	<u>08/04/2021</u>
-----------------------------	----------------------------	--------------	-------------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	7 of 12



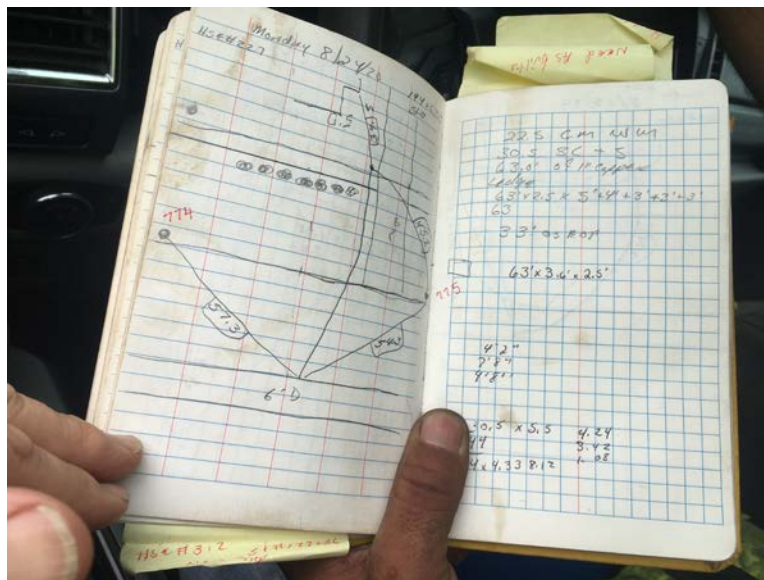
Picture 6: Facing northeast. Extension of the trench at 227 Main Street up to the porch edge in order to remove the elbow in the line. The 1' copper line was not flexible enough to make the turn.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	8 of 12



Picture 7: Conduit under porch for 1" copper water line into 227 Main St. Depth is approximately 3 feet.



Picture 8: Tie-offs for 227 Main Street, recorded last year. Show tie off to corp and to curb stop..

Res. Representative:	W. Abrahams-Dematte	Date:	08/04/2021
-----------------------------	---------------------	--------------	------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	9 of 12



Picture 9: Facing westerly. 280 Main Street Notre Dame Church continuation from Monday.



Picture 10: Facing north, Trench turns into south side of Church at 290 Main St..

Res. Representative:	<u>W. Abrahams-Dematte</u>	Date:	<u>08/04/2021</u>
-----------------------------	----------------------------	--------------	-------------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	10 of 12



Picture 11: Facing North. 280 Main Street. Notre Dame Church collection of abandoned pipes and wires. Wires were not energized. On the left are the small copper lines and on the left is 1.5 inch line seen just behind the ladder.



Picture 12: Inside picture of 280 Main Street. Behind copper pipe is the same wall as can be seen from outside. Picture is facing south and down. Note in the hole created for the 1.5' copper line to the left of the new service is the same pipe seen behind the ladder in the previous picture and that pipe has been plugged.

Res. Representative:	<u>W. Abrahams-Dematte</u>	Date:	<u>08/04/2021</u>
-----------------------------	----------------------------	--------------	-------------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	11 of 12



Picture 13: Facing west. End of day at 280 Main Street. Some final grading yet to be completed.



Picture 14: Facing east, End of day at 280 Main Street. This section was completed on Monday and final loam cover was raked out today. Minor cleaning up including returning parking bocks to their original positions.

Res. Representative:	<u>W. Abrahams-Dematte</u>	Date:	<u>08/04/2021</u>
-----------------------------	----------------------------	--------------	-------------------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	August 04, 2021
Location:	Main Street and Maple Avenue, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	295
Contractor:	Ludlow Construction	Page:	12 of 12



Picture 15: Facing east. Durham Academy drive. Patched last night.



Picture 16: Facing northwest. Durham Market. Patched last night.