

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 21, 2023
<b>Location:</b>	Main Street, Durham	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	555
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 7

### Weather Conditions

Conditions: Daylight hours: Cloudy. Wind variable 0-4 mph.  
 Temperature (°F): High 63°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	0	X	8
				Safety Officer	0	X	8
CT Traffic Control	2	x	8	Foreman	1	X	8
	0	x	8	Dump truck Operator	1	X	8
John Turner Testing	1	x	8	Excavator Operator	1	X	8
	0	X	8	Skid Steer/Bucket Loader	1	X	8
Fazzino Plumbing	0	X	8	Laborers	2	X	8
	0	x	8	Note that some persons operate			
	0	x	8	Multiple pieces equipment.			
	0	x	8				
	0	x	8	Sub-contractor		X	
	0	x	8	Municipal Police Detail		X	
				State Police Detail		X	

Visitors: None.

### Pipe Connections, Installations, and Other Work

Ludlow began the service connection work for 55 Main Street.

### Daily Activities – Service Installation at 55 Main Street, Durham

0705: Ludlow has mobilized to the 55 Main Street location to begin the excavation for the service connection.

0715: Ludlow uses an excavator hammer attachment to loosen and break the patch of asphalt over the trench to about halfway across the street towards 55 Main Street. The eastern half of the street is left untouched for traffic to pass.

0800: The asphalt has been removed from the trench and Ludlow begins to excavate the material from the excavation.

0900: Ludlow has excavated down to a depth of 5 feet and located the 8" diameter PVC water main.

0955: Ludlow has tapped the 8" diameter PVC water main with a tapping saddle and corporation stop.

1010: 1" copper tubing has been connected to the tapping saddle and rolled out in the trench about halfway across the street.

<b>Res. Representative:</b>	K. Bennett	<b>Date:</b>	04/21/2023
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1015: The open segment of trench has been backfilled 2'

1020: Blue utility tape is placed over the 2' of backfill.

1030: John Turner Testing representative onsite.

1030: Road plates are placed over the western segment of the trench so that traffic can pass while the eastern segment of the trench is opened.

1040: Equipment is moved over to the eastern side of the road.

1050: Ludlow uses an excavator hammer attachment to loosen and break the patch of asphalt over the trench on the eastern half of the road towards 55 Main Street. The western half of the street is left plated and channeled by cones for traffic to pass.

1145: Ludlow has excavated down to a depth of 5 feet on the eastern half of the trench

1200: The 1" copper is rolled out to the end of the trench about 5' past the edge of the pavement

1210: Ludlow begins to backfill and compact the trench in ~12" lifts with the hoe ram. Trench is compaction tested after each lift by John Turner Testing.

1440: The trench has been backfilled and compacted and is prepped for asphalt to be placed.

1445: Road plates are placed over the open trenches, one just past the curb on the eastern side of the street over the trench in front of residence #55 Main Street, and the other plate is placed over the trench on the western side of the street just past the curb in front of 46 Main Street.

1500: Temporary asphalt is being placed in 2 x 2" lifts.

1600: 4" temporary asphalt has been placed to grade. Was not compaction tested. 14" asphalt will be placed on Monday over this trench.

1620: Ludlow off site.

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**Picture 1: Ludlow excavates and hand digs to locate the PVC water main to connect water service to 55 Main Street, Durham.**

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**Picture 2: Ludlow taps the 8" diameter PVC water main and connects the 1" copper water service tubing. View to the east.**

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**Picture 3: Blue utility warning tape is placed over the 2' of backfill over the service connection tubing for 55 Main Street**

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Picture 4: Ludlow uses the hoe ram to compact the processed stone backfill.



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**Picture 4:** Road plates are placed over the open trenches, one just past the curb on the eastern side of the street over the trench in front of residence #55 Main Street, and the other plate is placed over the trench on the western side of the street just past the curb in front of 46 Main Street. Temporary asphalt is placed in 2 x 2" lifts between plates. View to the east.