

# AECOM

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	August 30, 2022
<b>Location:</b>	Main Street, Maple Avenue, and Pickett Lane, Durham	<b>Day of Week:</b>	Tuesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	500
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 13

### Weather Conditions

Conditions: Daylight hours: Mostly cloudy. Wind variable 0-7 mph.  
 Temperature (°F): High 88°F Low 72°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	1	X	8
United Concrete	0	x	8	Foreman	1	X	8
West State Mechanical	0	x	8	Dump truck Operator	1	X	8
Northeast Rigging	0	x	8	Excavator Operator	1	X	8
Grela Well Drilling	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			
Knapp Engineering	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
Alarm Systems, Inc.	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.

### Pipe Connections, Installations, and Other Work

Ludlow began the installation of two 1.5" water service lines at Station ~516+55 on Pickett Lane, Durham.

### Daily Activities – Installation of water service lines, Durham

Ludlow began the installation of two 1.5" water service lines at Station ~516+55 on Pickett Lane, Durham.

0842: Ludlow has mobilized to Station ~516+55 on the north side of Pickett Lane to install two 1.5" waterlines.

0907: Ludlow is using paint to mark out the footprint of the trench they are preparing to excavate for the installation of two 1.5" copper water service line at Station ~516+55

0932: Ludlow has begun to excavate at Station ~516+55 on the north edge of Pickett Lane, working northwards.

0951: Ludlow has daylighted the 12" DIP waterline they installed previously on the north side of Pickett Lane at Station ~516+55  
 Ludlow has mobilized two 32"-diamter meter pits to the work zone.

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1019: Ludlow setting up to tap the 12" water line at Station ~516+55 Ludlow has already positioned two 1.5" corporation stops and saddles onto the 12" DIP waterline.

1023: Ludlow has successfully executed the first of two taps on the 12" DIP waterline at Station ~516+55

1039: Ludlow has finished drilling the second tap on the 12" DIP waterline at Station ~516+55

1109: Ludlow begins to run 1.5" copper line between the corporation stops that Ludlow just installed on the 12" DIP waterline and the two meter pits located ~20' to the north of the water line.

1203: Ludlow is hand-excavating on the north side of the two meter pits they just installed as they search for subsurface utilities.

1229: Ludlow begins to place sand above and below the 1.5" copper water service lines they just installed between the 12" DIP water line on the north side of Pickett Lane and the two meter pits they just installed.

1238: Ludlow has placed 1' of sand over the two 1.5" copper water service lines they just installed between the 12" DIP water line on the north side of Pickett Lane and the two curb stops and meter pits they just installed.

1244: Ludlow is using a plate compactor to compact the fill they just backfilled into the trench where they installed two 1.5" copper water service lines at Station ~516+55.

1301: Ludlow continues to place fill into the trench where they installed two 1.5" copper water service lines at Station ~516+55. Ludlow has placed 1.25" processed gravel within the footprint of the trench excavation where it intersects Pickett Lane.

1320: Ludlow has backfilled approximately half of the trench they excavated today between the two meter pits they installed today and the 12" DIP waterline on the north side of Pickett Lane. Ludlow has just placed a steel plate over the north section of the trench where they haven't backfilled.

1344: Ludlow begins to place the first of two lifts of asphalt on Pickett Lane at Station ~516+55.

1350: After compacting the first lift of asphalt with a rolling compactor and a jumping Jack, Ludlow is placing a second lift of asphalt within the footprint of the trench where it intersects Pickett Lane at Station ~516+55.

### Daily Activities – Other activities, Durham

- Ludlow mobilized back to the driveway located on the north side of the 245 Maple Avenue residence. Ludlow is using a torch to heat up a high spot in the asphalt and used a rolling compactor to flatten the high spot.
- Ludlow repaired the asphalt curbing located on the south side of the 321 Main Street, Durham, building.

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Picture 1: Ludlow using a torch to heat a high spot on the driveway located on the north side of the 245 Maple Avenue, Durham, residence. View to the southeast.

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Picture 2: Ludlow rolling a high spot on the driveway located on the north side of the 245 Maple Avenue, Durham, residence after they heated the asphalt with a torch. View to the southeast.

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Picture 3: Ludlow repairing the asphalt curbing located on the south side of the 321 Main Street, Durham, building. View to the east.

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Picture 4: Ludlow saw-cutting pavement on Pickett Lane where they are preparing to install two 1.5" water service lines at Station ~516+50. View to the northwest.

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**Picture 5: Ludlow tapping the 12" DIP water line they previously installed on the north side of Pickett Lane at Station ~516+55 to install the second of two corporation stops. View to the southeast.**

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Picture 6: Ludlow connecting 1.5” copper water service line one of the two corporation stops they installed this morning on the 12” DIP water line they previously installed on the north side of Pickett Lane at Station ~516+55. View to the southeast.

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Picture 7: Two curb stops, meter pits and 1.5" copper water service lines that Ludlow has installed at Station ~516+55. View to the east.

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**Picture 8: Ludlow placing sand above and below the two 1.5" copper water service lines they connected to the 12" DIP water line located on the north side of Pickett Lane at Station ~516+55. View to the west.**

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**Picture 9: Ludlow placing native fill over the sand they placed over the two 1.5" copper water service lines that they installed between the 12" DIP water line located on the north side of Pickett Lane and the two curb stops and meter pits the placed to the north of the water line. View to the northwest.**

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Picture 10: Ludlow using a jumping jack to compact the fill they placed over the two 1.5" copper water service lines they installed at Station ~516+55. View to the southwest.

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Picture 11: Ludlow placing the first of two lifts of temporary pavement at Station ~516+55 on Pickett Lane. View to the west.