

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	June 11, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Driveway, Middletown;	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	96
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 9

### Weather Conditions

**Conditions:** Daylight hours. Sunny. Winds variable 0-6 mph.  
**Temperature (°F):** High 73°F Low 63°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
				Foreman	2	x	8
				Dump truck Operator	4	x	8
				Excavator Operator	4	x	8
				Skid Steer/Bucket Loader	1	x	8
				Laborers	6	x	8
				<i>Note that some persons</i>			
				<i>Multiple pieces equipment.</i>			
				Sub-contractor	2	x	8
				Municipal Police Detail	0	x	8
				State Police Detail	4	x	8

**Visitors:** Brian Robillard, City of Middletown

### Pipe Connections and Installations

Ludlow installed hydrants at Stations 194+50, 187+44, and 183+58.

Ludlow installed curb stops at Stations 143+34 and 144+59.5 on Main Street in Durham.

Ludlow placed and graded fill to the east of the water tank footprint. In addition, AECOM, Ludlow, the City of Middletown, and the USACE met on the shared access driveway to discuss the installation of a guide rail.

### Compaction Testing

Soil compaction testing was performed today on Main Street in Durham. Compaction test data for the project can be found here:

<https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/>

In addition, soil compaction data is presented in the Contractor Daily Quality Control Reports located here:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

**Res. Representative:** J. Meunier **Date:** 6/11/20

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### Daily Activities – Shared Access Driveway, Middletown

Ludlow placed and graded fill to the east of the water tank footprint.

1000: Juliano Associates are on the Shared Access Driveway re-establishing several traverse points that have gone missing and updating the site survey.

1025: Ludlow is placing fill to the east of the water tank footprint.

1130: AECOM, Ludlow, the City of Middletown, and the USACE meet on the shared access driveway to discuss the installation of a potential guide rail on south side near drainage swale. A potential alternate to the guide rail (extending the drainage pipe and filling the depression of the swale) was discussed and will be further explored.

1145: Ludlow is placing and grading fill to the east of the water tank footprint.

### Daily Activities – Installation of Hydrants, Durham

Ludlow installed hydrants at Stations 194+50, 187+44 and 183+58.

0705: Ludlow is working on the southbound lane of Main Street at Station 194+50 for a hydrant installation.

0810: Ludlow is hammering rock at Station 194+50. Two State Troopers are providing traffic management.

0919: Ludlow has a hydrant installed at Station 194+50. They are currently placing and compacting fill in the trench. JTC is on site to perform soil compaction testing.

1058: Ludlow is installing a hydrant at Station 187+44 on the southbound lane of Main Street.

1205: A hydrant has been installed at Station 187+44. Ludlow is currently placing hot patch over the trench footprint.

1219: Ludlow begins to excavate for the installation of a fire hydrant at Station 183+58 on the southbound lane of Main Street.

1320: Ludlow is connecting a fire hydrant to 6" DIP currently at Station 183+58.

1404: Ludlow is finishing up the installation of a fire hydrant at Station 183+58. Ludlow is currently compacting fill in the trench.

### Daily Activities – Installation of Curb Stops, Durham

Ludlow installed curb stops today on Main Street in Durham.

0720: Ludlow is excavating a trench on the northbound lane of Main Street at Station 143+34 for the installation of a curb stop 20' east of edge of pavement. Two state troopers are providing traffic management.

0833: Ludlow is placing a curb stop 21' off the edge of pavement at Station 143+34.

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0843: Ludlow begins to excavate in the northbound lane of Main Street at Station 144+59.5 to install a curb stop on the east side of the road.

0940: JTC is at Station 143+34 collecting soil compaction data.

1041: Ludlow has installed a curb stop at Station 144+59.5. The trench is partially backfilled and compacted.

1152: Ludlow is excavating across the southbound lane at Station 144+59.5. Ludlow has placed 1" copper line across the northbound lane; it will be connected to the main water line in the southbound lane.

1239: Ludlow has the trench at Station 144+59.5 filled. Ludlow is currently compacting the backfill now.

1242: Ludlow is filling the trench on the southbound lane of Main Street at Station 143+34.

1345: Ludlow is backfilling the excavation for curb stop at Station 143+34; east of the edge of pavement.

### Payment Items:

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Picture 1: Ludlow breaking up pavement and underlying concrete at Station 144+59.5 to place a curb stop 21' from edge of pavement. Northbound lane of Main Street, Durham. View to the southeast.



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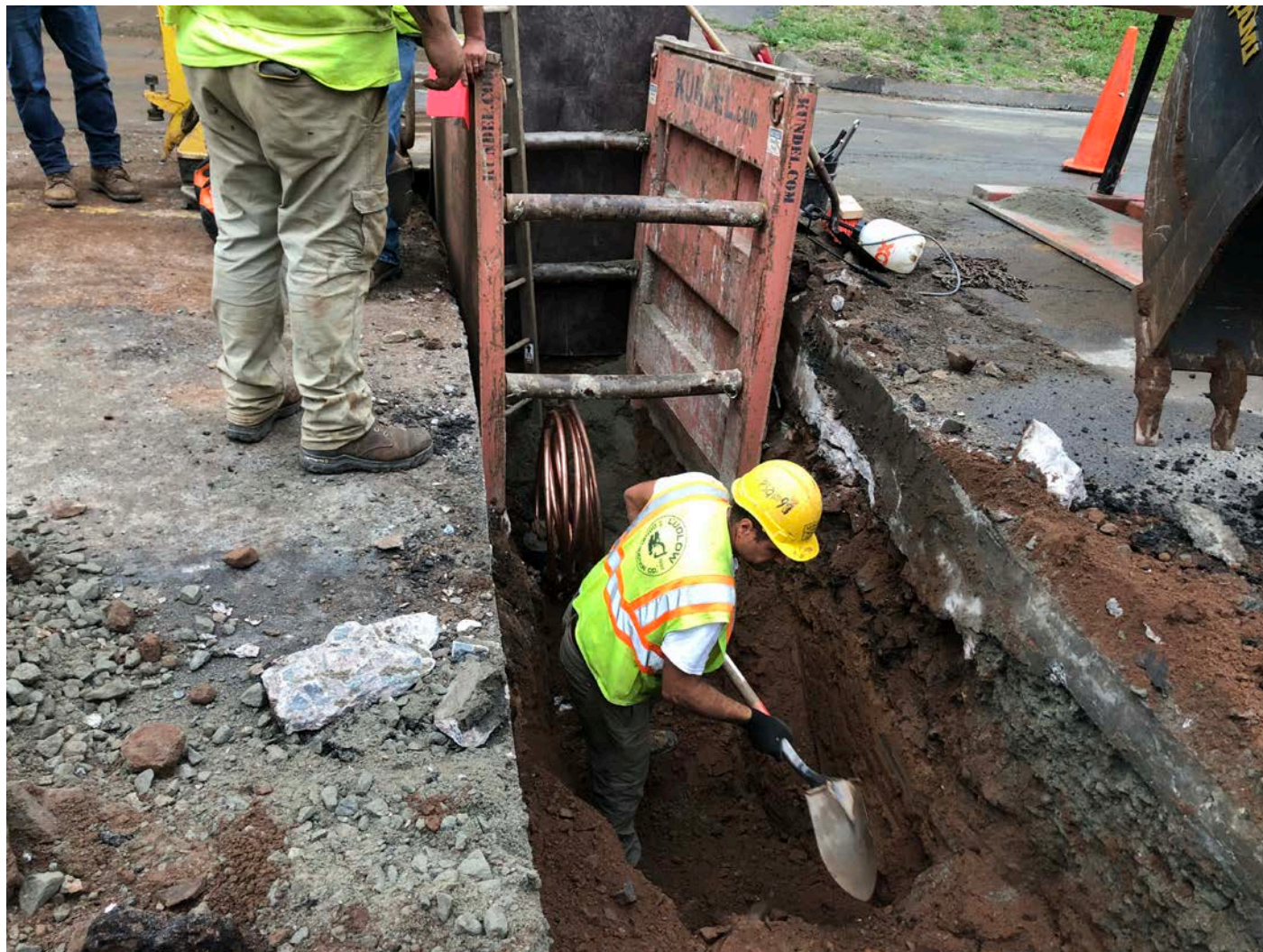


Picture 2: Ludlow compacting fill around newly installed hydrant at Station 194+50. View to the south, Main Street, Durham.



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Picture 3: Ludlow installing 1" copper line for curb stop at Station 143+34. Main Street, Durham. View to the east.

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Picture 4: Newly installed hydrant at Station 187+44. View to the south. Main Street, Durham.

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Picture 5: Ludlow cleaning up pavement with Broce Broom at Station 144+59.5. View to the east. Main Street, Durham.



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Picture 6: Ludlow backfilling the trench after placing a curb stop at Station 143+34. Main Street, Durham. View to the east.