

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 15, 2020
Location:	Pickett Lane, Durham and Main Street, Durham	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	98
Contractor:	Ludlow Construction	Page:	1 of 10

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-5 mph.
Temperature (°F): High 74°F Low 51°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	2	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	1	x	8
				Municipal Police Detail	0	x	8
				State Police Detail	4	x	8

Visitors: None

Pipe Connections and Installations

Ludlow resumed the installation of 12" DIP on Route 68 today, placing pipe between Stations 602+02.5 and 603+42.

Ludlow installed 60' of 4" DIP at Station 529+64 across Pickett Lane (High School Domestic Service).

Ludlow installed curb stops at Stations 148+60, 150+22, 148+02, and 516+88 on Main Street in Durham.

Compaction Testing

Soil compaction testing was performed today on Main Street and on Route 68 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:** 6/15/20

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Daily Activities – Installation of Curb Stops, Main Street, Durham

Ludlow installed curb stops at Stations 148+60, 150+22, 148+02, and 516+88 on Main Street in Durham.

0719: Ludlow is excavating on the northbound lane at Station 148+60 on Main Street to install a curb stop 18' from the edge of pavement. Two State Troopers are providing traffic management.

0855: Ludlow begins to excavate at Station 150+22 in order to install a curb stop on the northbound side of the road that will be set back 18' from edge of pavement.

0912: Ludlow has a curb stop installed at Station 148+60. Ludlow still needs to trench across the southbound lane to connect the 1" copper line to the main water line.

1016: Ludlow has the trench at Station 146+60 (on northbound lane of Main Street) completely filled and compacted. JTC just took soil compaction test here.

1025: Ludlow has installed a curb stop at Station 150+22; they are currently overlaying the 1" copper pipe with sand.

1119: Ludlow has the trench on the north bound lane at Station 148+50 filled and covered with a steel plate. Ludlow still needs to make connection to main water line in southbound lane. At Station 150+22, Ludlow needs to finish backfilling the trench they opened on the northbound lane of Main Street and then excavate the southbound to connect the 1" copper pipe to the water main.

1239: Ludlow has started another curb stop installation on the southbound side of Main Street at Station 148+02. The curb stop will be placed 13' west of edge of pavement.

1342: Ludlow has installed a curb stop at Station 148+02 and is currently placing and compacting fill in the trench.

1358: Ludlow just placed a curb stop at Station 516+88 14' from edge of pavement.

Daily Activities – Installation of 4" DIP, Pickett Lane, Durham

Ludlow installed 60' of 4" DIP today at Station 529+64 across Pickett Lane for the high school domestic water service.

0714: Ludlow is currently setting up on Pickett Lane to install 4" DIP at Station 529+64.

0827: Ludlow has a trench open at Station 529+64 on Pickett Lane to connect 4" DIP to a previously-installed valve on the 12" water line.

0921: Ludlow has one 20' section of 4" DIP connected to the main waterline at Station 529+64. At 16.5' from of edge of pavement, Ludlow encounters three 2"-3' PVC conduits located approximately 30" below surface grade.

0935: Ludlow locates a 4" and an 8" DIP line beneath the three PVC conduits.

1210: Ludlow has finished placing 4" DIP and is backfilling and compacting fill at the trench located at Station 529+64.

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Daily Activities – Installation of 12” DIP, Route 68, Durham

Ludlow resumed the installation of 12” DIP on Route 68 today, placing pipe between Stations 602+02.5 and 603+42.

0710: Ludlow is setting up on Route 68 to resume the installation of 12” DIP.

0842: Ludlow is hammering rock at Station 602+50. JTC is on site to perform soil compaction testing. Ludlow has installed two pieces of 12” DIP so far this morning.

0916: Ludlow is hammering rock at Station 602+75.

1056: Ludlow is hammering rock on Route 68 at Station 603+00. Ludlow has installed 12” DIP up to ~Station 602+80.

1134: Ludlow continues to place 12” DIP on Route 68.

1225: Ludlow is hammering rock on Route 68 at Station 603+10.

1320: Ludlow is hammering rock on Route 68 at Station 603+15.

1410: Ludlow has finished placing 12” DIP on Route 68 for the day. Ludlow is currently backfilling the trench and compacting.

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Picture 1: Ludlow excavating on the northbound lane of Main Street at Station 148+60 to install a curb stop. View to the east.

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Picture 2: Ludlow inspected web strap used to lift DIP and found it to be worn. Ludlow discarded the web strapping.

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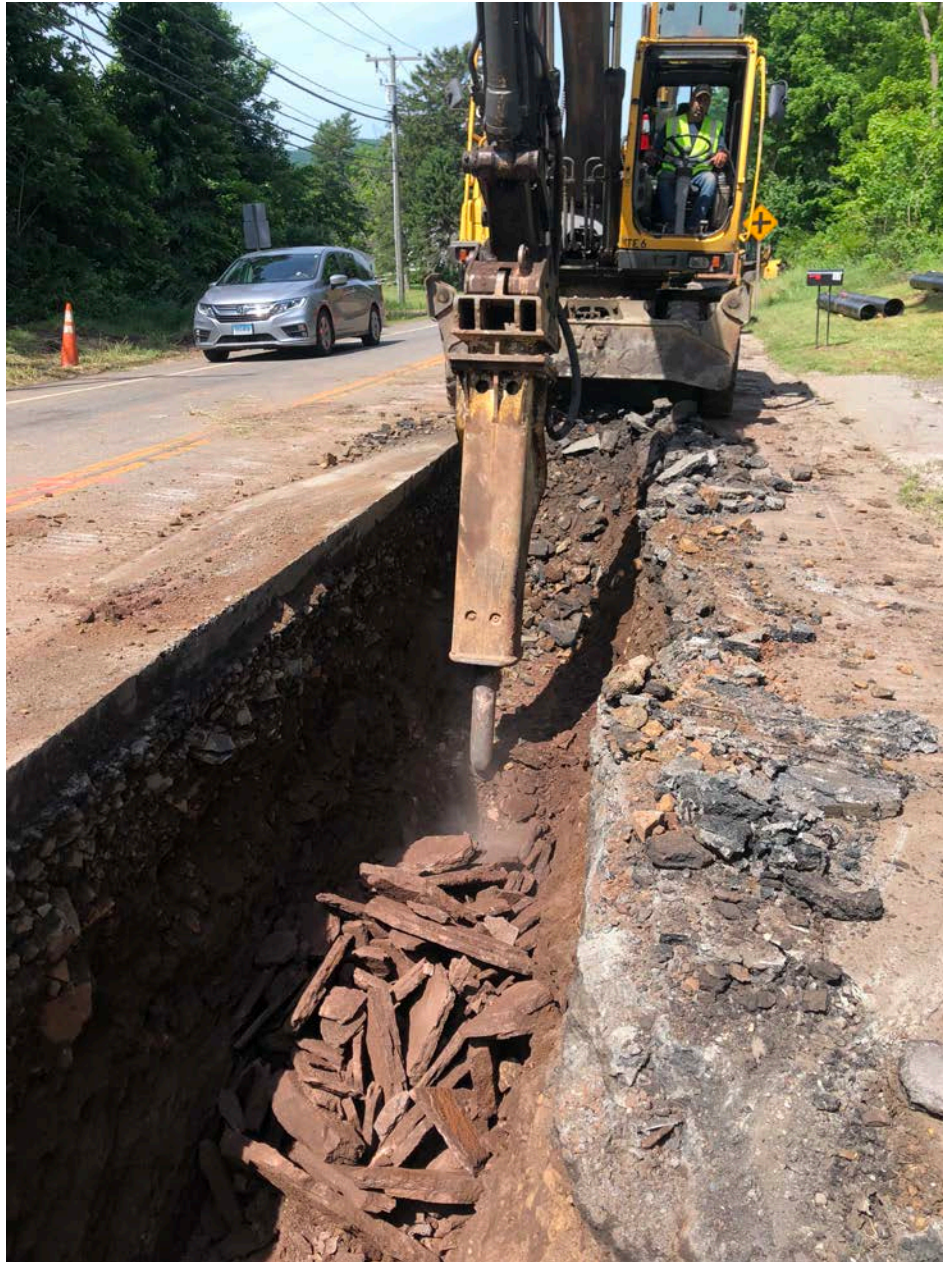


Picture 3: JTC performing soil compaction test at Station 148+60; Main Street, Durham. View to the east.

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Picture 4: Ludlow hammering rock in order to place 12" DIP at proper depth. Route 68, Durham. View to the west.

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Picture 5: Utilities exposed when Ludlow was installing 4" DIP at Station 529+64. Pickett Lane, Durham; view the east.

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Picture 6: Ludlow cleaning up work area at Station 529+64 with a Bocce Broom. Pickett Lane, Durham; view to the east.

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Picture 7: Ludlow installing 1" curb stop at Station 148+02. Main Street, Durham; view to the southeast.