

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 21, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and Watch Hill Drive, Middletown, CT	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	82
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-4 mph.

Temperature (°F): High 66°F Low 39°F

Contractors & Subcontractors Workforce					Equipment in Use							
Trade	#	x	hrs		Trade	#	x	hrs	Type	#	x	hrs
USACE					Ludlow Construction				Concrete/Asphalt Road Saw	1	x	8
Field Engineer	2	x	8		Superintendent	0	x	8	Dump truck	5	x	8
					Safety Officer	1	x	8	Excavator – Large	3	x	8
					Foreman	2	x	8	Excavator - Mid-Size	1	x	8
					Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
					Excavator Operator	4	x	8	Skid Steer / Bucket Loader	1	x	8
					Skid Steer/Bucket Loader	1	x	8	Rolling Compactor	1	x	8
					Laborers	6	x	8	Plate Compactor	1	x	8
					<i>Note that some persons</i>				Jumping Jack Compactor	1	x	8
					<i>Multiple pieces equipment.</i>				Street Sweeper (Broce Broom)	1	x	8
									Material Hopper	0	x	8
					Sub-contractor	1	x	8	Pipe saw	1	x	8
					Middletown Police Detail	1	x	8	Light Tower	0	x	8
					State Police Detail	2	x	8				

Visitors: None

Pipe Connections and Installations

Ludlow placed 16" DIP from Stations 197+36 to 198+56 today, including a 16" x 16" x 5" M.J. TEE at Station 198+02 and a corporation stop at Station ~198+04.

Ludlow continued with the placement of 12" DIP today on Pickett Lane between Stations 525+18 and 527+35. In addition, they placed a 12" 45° M.J. bend at Sta. 525+80; a 12" M.J. R.S. gate valve and valve box at Station 526+00; and a 12" x 4" M.J. C.L.D.I. TEE with a 4" gate valve and gate box at Station 525+75.

Paving

Ludlow placed and compacted first and second lifts of asphalt from ~Stations 47+50 to 50+00 and from Stations 600+00 to 603+00 today. In addition, all trench openings on Pickett Lane, Durham and Main Street, Durham were closed off with temporary asphalt patching.

Compaction Testing

Compaction testing was performed today on soils at Main Street and Pickett Lane, and asphalt on Talcott Ridge Drive. Compaction test data can be found here:

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<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/>

Additional Data

End point for placement of 16" DIP yesterday was Station 197+36.

Daily Activities – Pressure Testing

Pressure testing was not performed today.

Daily Activities – Watch Hill Drive

Ludlow placed and compacted first and second lifts of asphalt on the 12" trench cutbacks today.

1210: Ludlow is beginning to apply first lift of asphalt from Station 600 to Station 603+00 on Watch Hill Drive.

1321: Ludlow has placed the first lift of asphalt from Stations 600+00 to 603+00 on Watch Hill Drive.

Daily Activities – Talcott Ridge Drive

Ludlow placed and compacted first and second lifts of asphalt on the 12" trench cutbacks today.

0748: Ludlow peeling back asphalt from Station 50+00, moving east up Talcott Ridge Drive to ~Station 47+50.

1035: Ludlow preparing to place first lift of asphalt from Station 50+00 to ~Station 47+50.

1100: Ludlow placing first lift of asphalt between Station 50+00 to ~Station 47+50.

1210: Ludlow has first lift of asphalt placed between Station 50 and ~Station 47+50. They also have that section compacted.

1317: Ludlow is compacting the second lift of asphalt between Station 50 and ~Station 47+50.

Daily Activities – Pickett Lane

Ludlow continued with the placement of 12" DIP today on Pickett Lane between Stations 525+18 and 527+35. In addition, they placed a 12" 45° M.J. bend at 525+80; a 12" M.J. R.S. gate valve and valve box at Station 526+00; and a 12" x 4" M.J. C.L.D.I. TEE

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with a 4" gate valve and gate box at Station 525+75.

0710: Ludlow resumes placement of 12" DIP on Pickett Lane at Station 525+18.

0820 Ludlow has placed 12" DIP to ~Station 525+69.

0825: JTC arrives to perform soil compaction tests.

0900: Ludlow has 16" DIP placed up to Station 197+95.

0945: Ludlow has placed 12" DIP up to Station 525+78, including a 12" M.J. 45° bend.

1132: Ludlow has daylighted a storm drain pipe at ~Station 525+95. Ludlow has placed a 12" 45° M.J. bend at 525+80 and is currently installing a 12" M.J. R.S. gate valve and valve box at Station 526+00.

1300: Ludlow has placed 12" DIP up to station 526+95. In addition, they placed a 12" x 4" M.J. C.L.D.I. TEE with a 4" gate valve and gate box at Station 525+75.

1357: Ludlow has stopped placing 12" DIP at Station 527+35.

Daily Activities – Main Street, Durham

Ludlow continued placing 16" DIP today on the southbound lane of Main Street. Traffic detail was provided by CT State Police.

0720: Ludlow has mobilized to Station 197+36 on Main Street to resume the placement of 16" DIP.

0840: Ludlow has one 20' section of 16" DIP placed, bringing placed pipe up to Station 197+56. Ludlow continues to encounter rock. However, they have not had to hammer so far this morning. Two State Police Troopers are providing traffic detail. No traffic support has been provided on Route 68.

0825: JTC arrives to perform soil compaction tests.

0900: Ludlow has 16" DIP placed up to Station 197+95.

1115: Ludlow hammering rock at Station 198+50. They partially daylighted a storm drain going across Main Street at ~Station 198+60. Ludlow has placed a 16" x 16" x 4" M.J. TEE at Station 198+02.

1350: Ludlow has stopped placing 16" DIP on Main Street at Station 198+56. A corporation stop has been placed at Station ~198+04.

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Payment Items:



Picture 1: Ludlow peeling asphalt back from trench on Talcott Ridge Lane at ~Station 49+50. Middletown, CT.

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Picture 2: Ludlow compacting road base on Talcott Ridge Drive at ~Station 51+50 after removing temporary asphalt patch. Middletown, CT.

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Picture 3: View of asphalt cut back prior to first lift of asphalt. Watch Hill Drive from Station 600+00 to 603+00. Middletown, CT.

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Picture 4: Ludlow assembling 16" x 16" x 4" M.J. TEE for placement at Station 198+02.

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Picture 5: Ludlow placing first lift of asphalt from Station 50+00 to ~Station 47+50. Middletown, CT.

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Picture 6: Ludlow compacting first lift of asphalt at ~Station 51+00.

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Picture 7: Ludlow daylighting a storm drain pipe at approximately Station 525+95. View to the south. Pickett Lane, Durham.

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Picture 8: View of first lift of asphalt placed from Station 600+00 to 603+00. View to the west. Watch Hill Drive, Middletown, CT.

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