

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 11, 2020
Location:	Main Street, Durham and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	75
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours. Sunny-cloudy. Winds variable 0-10 mph.

Temperature (°F): High 60°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	2	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: Steve Wright, CTDOT
John Ewanowski, City of Middletown Water and Sewer Department

Pipe Connections and Installations

Ludlow placed 16" DIP from Station 184+23 to Station 186+85, with a corporation stops at Stations 184+28, 184+38, 184+47, 184+90, 185+57, 185+87, and 186+36.

Ludlow continued to cut, fill, grade, and compact on the shared access driveway, and place and grade fill along the north side of the shared access driveway.

Pipe placement activities began today on Pickett Lane between Stations 501+00 and 503+00 (Durham, CT). A 1.5" corporation stop was placed at ~Station 502+46 and a 1" corporation stop was placed at ~Station 502+90.

Pressure testing was not performed today. However, several lines in Middletown were chlorinated and flushed with the assistance of the City of Middletown.

Compaction Testing

Compaction testing was performed today. Soil compaction test data can be found here:

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

Res. Representative: J. Meunier **Date:** 5/11/20

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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

None

Daily Activities – Pressure Testing

Pressure testing was not performed today. Ludlow, Jms Connections, and the City of Middletown Water and Sewer Department chlorinated and flushed water lines in Middletown today. One Middletown police officer provided traffic detail at the intersection of Main Street and Talcott Ridge Drive.

Daily Activities – Shared Access Driveway

Ludlow continued to cut, fill, grade, and compact fill on the shared access driveway. In addition, Ludlow filled and graded north of the shared access driveway (east of Station 12+00).

0852: Observe a minor break in silt fence north of 14+40. Jerry Brandon (Ludlow QC) said he was going to bring it up with Ludlow as an item to be addressed. Ludlow is placing and rolling processed stone from Station 16+50 up to the Talcott Ridge Drive cul-de-sac. They are currently cutting at Station 19+75. Ludlow is also placing fill and grading it on the north side of the access driveway close to the future tank pad.

1137: Ludlow continues to place, grade, and compact fill on the shared access driveway. The driveway grade is being reworked by Ludlow to account for the shallow depth of existing communication and electric utilities.

1335: Ludlow is rolling fill on the shared access driveway, from the Talcott Ridge Drive cul-de-sac to Station 16+00. Ludlow is also grading the shared access driveway east of the driveway for 214 Talcott Ridge Drive.

Daily Activities – Pickett Lane

Pickett Lane staging areas were inspected. In addition to the equipment and materials typically stored at the Station 518+00 staging area, Ludlow has also placed several yards of 1.5" gravel. Placement of 12" DIP on Pickett Lane also began today.

0905: Ludlow has begun to place pipe on Pickett Lane starting at Station 501+00.

0917: Ludlow has a private flagger staged at the intersection of Pickett Lane and Maiden Lane.

0925: Ludlow has broken pavement from Station 501+00 up to Station 502+40. They already have 40' of restrained 12" DIP placed to Station 501+40. Ludlow is providing traffic detail at the intersection of Main Street and Pickett Lane.

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1108: Ludlow has placed 12" DIP up to ~Station 502+00.

1247: Ludlow has placed 12" DIP to ~Station 502+50. A 1.5" corporation stop has been placed at 502+42 and a 1" corporation stop at Station 502+90.

1345: Ludlow is placing and compacting fill at the trench on Pickett Lane. The end of placed pipe for the day is at Station 503+00.

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.

0725: Ludlow begins to excavate at Station 184+23, picking up where they left off last Friday.

0810: Ludlow places 16" DIP with corporation stops at Stations 184+28 and 184+38. The second corporation stop is 1.5".

0820: Ludlow just placed a second piece of 16" DIP, which includes a corporation stop at Station 184+47.

0825: JTC arrives to perform soil compaction testing.

0947: Ludlow has placed a corporation stop at 184+90. 16" DIP has been placed to approximately 185+20. Ludlow is currently placing another full stick of 16" DIP, bringing placed pipe to Station 185+40.

1035: Ludlow has a corporation stop placed at Station 187+57.

1233: Ludlow has placed a corporation stop at Station 186+36. 16" DIP has been placed up to Station 186+85, which marks the end of pipe placed for the day on Main Street.

1310: Ludlow continues to place and compact fill in the trench on Main Street. Steve Wright from CTDOT is present.

Payment Items:

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Picture 1: Ludlow filling and grading on the shared access driveway at Station 21+00. View to the east. Middletown, CT.

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Picture 2: Hydrant/waterline being flushed at Oak Terrace. View to the north. Durham, CT.

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Picture 3: Staging area at Station 518+00. Newly added gravel stockpile is visible to the far left. Pickett Lane, Durham, CT.

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Picture 4: Gravel stockpile located at the Station 518+00 staging area. View to the east. Pickett Lane, Durham, CT.

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Picture 5: Ludlow placing 12" DIP on Pickett Lane at ~Station 501+40. View to the southwest. Durham, CT.

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Picture 6: Minor break in silt fence north of 14+40. View to the northwest. Middletown, CT.

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Picture 7: Overview of progress on the shared access driveway from ~10+00. View to the west. Middletown, CT.

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Picture 8: Damage to curbing at Station 185+20. View to the north. Main Street, Durham, CT.

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Picture 9: Damage to driveway apron at Station 184+00. View to the east, Durham, CT.