

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 22, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; Shared Access Driveway, Middletown; and Watch Hill Drive, Middletown, CT	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	83
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-8 mph.
Temperature (°F): High 76°F Low 60°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	2	x	8
				Middletown Police Detail	1	x	8
				State Police Detail	2	x	8

Type	#	x	hrs
Concrete/Asphalt Road Saw	1	x	8
Dump truck	5	x	8
Excavator – Large	3	x	8
Excavator - Mid-Size	1	x	8
Excavator - Rubber Wheeled – Rock	0	x	8
Skid Steer / Bucket Loader	1	x	8
Rolling Compactor	1	x	8
Plate Compactor	1	x	8
Jumping Jack Compactor	1	x	8
Street Sweeper (Broce Broom)	1	x	8
Material Hopper	0	x	8
Pipe saw	1	x	8
Light Tower	0	x	8

Visitors: None

Pipe Connections and Installations

Ludlow placed 16" DIP from Stations 198+56 to 199+57 today, including a corporation stop at Station 199+07 and a hydrant assembly at Station 199+20.

Ludlow continued with the placement of 12" DIP today on Pickett Lane between Stations 527+35 and 529+55.

Paving

Ludlow placed and compacted first and second lifts of asphalt from Stations 603+06 to 604+44 and from Stations 605+18 to 607+18. Ludlow subcontractor A&J Construction placed a base coat of asphalt on the Shared Access Driveway. 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 the Shared Access Driveway. Compaction test data can be found here:

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

Res. Representative:

J. Meunier

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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.

Daily Activities – Shared Access Driveway, Middletown

A&J Construction (A&J) from Brookfield Connecticut was on site today to place a base coat of asphalt on the Shared Access Driveway.

0727: A&J musters at the Talcott Ridge Drive cul-de-sac in preparation for paving the Shared Access Driveway.

0945: Observed the following on the Shared Access Driveway: silt fence on the south side of the road at Station 19+85 showing encroachment from fill (see Photograph 3).

0950: A&J has paved the Shared Access Driveway from Station 11+00 to the driveway of 214 Talcott Ridge Drive so far.

1120: A&J working at the interface of the Talcott Ridge Drive cul-de-sac and the Shared Access Driveway. A&J has placed and compacted asphalt on the south side of Shared Access Driveway up to Station 21+00.

1325: A&J has just finished laying asphalt on Shared Access Driveway. They are currently compacting the asphalt.

Daily Activities – Saw Cutting in Middletown & Durham

Ludlow performed saw cutting of pavement on Main Street in Middletown and Durham, CT today.

0735: Ludlow resumes saw cutting for water service connections on the southbound lane of Main Street. Ludlow is currently saw cutting at ~Station 146+00.

1112: Ludlow is saw cutting on the southbound lane of Main Street in front of 454 Main Street (~Station 149+00).

1300: Ludlow is saw cutting on the south bound lane of Main Street near Station 163+00.

Daily Activities – Watch Hill Drive

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

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0938: Ludlow peeling asphalt back on Watch Hill Drive. They have removed asphalt from the 12" cut back from Stations 603+06 to 604+44.

1115: Ludlow has placed and compacted first lift of asphalt down from Station 605+18 to 607+18.

1311: Ludlow is compacting the second lift of asphalt from Station 605+18 to 607+18.

Daily Activities – Pickett Lane

Ludlow continued with the placement of 12" DIP today on Pickett Lane between Stations 527+35 and 529+55.

0718: Ludlow resuming the placement of 12" DIP on Pickett Lane, picking up where they left off yesterday at Station 527+35.

0800: Ludlow has placed 12" DIP up to Station 527+50 (Pickett Lane).

0920: Ludlow continuing to place 12" DIP on Pickett Lane. Currently they have pipe placed up to Station 527+75. Some water observed in the bottom of the trench: Ludlow hit an unmarked sewer line (8" PVC) at Station 275+86.

1028: Ludlow repaired sewer pipe with 8" PVC and two Fernco fittings. Ludlow currently placing another stick of 12" DIP. This will bring placed pipe up to ~Station 528+30.

1200: Ludlow continues to place 12" DIP on Pickett Lane. Ludlow currently has pipe placed up to Station 529+15.

1335: Ludlow ends pipe placement on Pickett Lane at Station 529+55. Ludlow is placing and compacting fill in trench, awaiting arrival of hot patch.

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.

0710: Ludlow resuming the placement of 16" DIP on the southbound lane of Main Street, Durham, picking up from where they left off yesterday at Station 198+56. Ludlow is currently hammering rock at Station 198+60.

0855: Ludlow is currently hammering rock at Station 198+76 (Main Street).

1015: Ludlow has 16" DIP placed to Station 198+95. They've been hammering rock from that point up to Station 199+20.

1246: Ludlow has finished placing 16" DIP on Main Street: end point is at ~Station 199+57. This includes a corporation stop at Station 199+07 and a hydrant assembly at Station 199+20.

1340: Ludlow is placing and compacting fill at Station 199+00, awaiting arrival of hot patch.

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Payment Items:



Picture 1: 8" PVC sewer pipe that Ludlow encountered at Station 275+86. Pickett Lane, Durham, CT.

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Picture 2: Asphalt removed from 12" cutbacks on Watch Hill Drive from Stations 603+06 to 604+44. Middletown, CT.

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Picture 3: Silt fence on the south side of the Shared Access Driveway at Station 19+85 showing encroachment from fill. View to the east. Middletown, CT.

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Picture 4: Overview of paving in progress on the Shared Access Driveway. View to the east. Middletown, CT

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Picture 5: Overview of paving in progress on the Shared Access Driveway. View to the east. Middletown, CT

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Picture 6: Overview of paving in progress on the Shared Access Driveway. View to the east. Middletown, CT

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Picture 7: Base coat of pavement surrounding catch basin next to the driveway entrance for 214 Talcott Ridge Drive.. View to the southeast. Middletown, CT

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Picture 8: A&J Construction finishing the paving of the Shared Access Driveway. View to the east. Middletown, CT

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