

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 6, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	173
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours: partly cloudy, raining. Winds variable 0-1 mph.
 Temperature (°F): High 68°F Low 53F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	1	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
				Note that some persons			
DN Tanks				Multiple pieces equipment.			
Superintendent	1	x	8				
Laborers	5	x	8	Sub-contractor	4	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	1	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks applied shotcrete to prestressed wire that was previously wrapped around the water tank dome rim and the water tank sides at the water tank work zone located east of the Shared Access Driveway.

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 151+35 to 154+25.

Ludlow removed silt fence along the Shared Access Driveway, Middletown, CT.

Compaction Testing

Soil compaction testing was performed today. 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:

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

Daily Activities – Water tank construction, Shared Access Driveway, Middletown

DN Tanks applied shotcrete to prestressed wire that was previously wrapped around the water tank dome rim and the water tank sides at the water tank work zone located east of the Shared Access Driveway.

0727: DN Tanks is setting up to resume the placement of prestressed wire around the sides of the water, starting where they left off on the wire wrapping that DN Tanks performed this past Saturday.

0847: DN Tanks is setting up to resume the placement of prestressed wire on the side of the water tank, east of the Shared Access Driveway, Middletown.

0937: DN Tanks has started to resume the placement of wrapping the first layer of prestressed wire on the side of the water tank, starting at ~25' above surface grade and moving down.

1135: DN Tanks continues to wrap prestressed wire around the side of the water tank.

1353: DN Tanks continues to wrap prestressed wire around sides of water tank to the east of the Shared Access Driveway. DN Tanks is scheduled to apply shotcrete to the wire that was wrapped on the tank today. The shotcrete is scheduled to be delivered today at 1530 hours. JTC is scheduled to collect samples from the shotcrete.

Daily Activities – Permanent paving of trench cutbacks, Main Street, Durham

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 151+35 to 154+25.

0755: Ludlow is stripping pavement on the southbound lane of Main Street, Durham, starting at Station 151+35. One state trooper and one private flagger are providing traffic management.

0829: Ludlow continues to strip pavement on the southbound lane of Main Street, Durham, starting at Station 151+35.

0931: Ludlow continues to excavate pavement between Stations 151+35 and 154+25 on the southbound lane of Main Street, Durham.

0953: Ludlow has pavement removed from Station 151+35 to 154+25. Ludlow is currently compacting the 1.5" base of processed gravel and applying tack coat to the edge of the cut pavement.

1052: Ludlow is placing the first lift of asphalt between Stations 151+35 and 154+25 on the southbound lane of Main Street, Durham.

1207: Ludlow is placing and compacting the second of three 3" lifts of asphalt between Stations 151+35 and 154+25. JTC is present to collect compaction data.

1229: Ludlow continues to place and compact the second of three 3" lifts of asphalt between Stations 151+35 and 154+25.

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1310: Ludlow is placing and compacting the third of three 3" lifts of asphalt between Stations 151+35 and 154+25.

1341: Ludlow continues to place and compact the third of three 3" lifts of asphalt between Stations 151+35 and 154+25.

1407: Ludlow continues to place and compact the third of three 3" lifts of asphalt between Stations 151+35 and 154+25.

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Picture 1: Ludlow removing silt fence from the Talcott Ridge Drive cul-de-sac and down along the Shared Access Driveway. View to the north.

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Picture 2: Ludlow stripping back asphalt as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 151+35 to 154+25. View to the south.

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Picture 3: Ludlow using a Jumping Jack to compact 1.5" processed gravel along the edge of cut pavement as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 151+35 to 154+25. View to the southeast.

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Picture 4: Ludlow loading asphalt and concrete into a dump truck as they strip back asphalt for permanent paving on the southbound lane of Main Street, Durham from Stations 151+35 to 154+25. View to the southeast.

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Picture 5: DN Tanks wrapping prestressed wire around the sides of the water tank. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the east.

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Picture 6: Ludlow is compacting 1.5" processed gravel as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 151+35 to 154+25. View to the east.

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Picture 7: Ludlow cleaning work zone with the Broce Broom between Stations 151+35 to 154+25 as they prepare to place permanent paving on the southbound lane of Main Street, Durham. View to the southeast.

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Picture 8: JTC is collecting compaction data from freshly placed and rolled asphalt between Stations 151+35 to 154+25 on the southbound lane of Main Street, Durham. View to the northeast.

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Picture 9: Ludlow placing the second of three 3" lifts of asphalt as part of permanent paving activities on the southbound lane of Main Street, Durham from Stations 151+35 to 154+25. View to the north.

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Picture 10: DN Tanks wrapping prestressed wire around the sides of the water tank. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the east.

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