

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 30, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	170
Contractor:	Ludlow Construction	Page:	1 of 10

Weather Conditions

Conditions: Daylight hours: cloudy, windy, rain. Winds variable 0-7 mph.
 Temperature (°F): High 72°F Low 57F

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	1	x	8	Superintendent	1	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	0	x	8		
				Laborers	6	X	8	Plate Compactor	2	x	8		
				Note that some persons				Jumping Jack Compactor	2	x	8		
				Multiple pieces equipment.				Street Sweeper (Broce Broom)	1	x	8		
DN Tanks								Material Hopper	0	x	8		
Superintendent	1	x	8	Sub-contractor	4	X	8	Pipe saw	1	x	8		
Laborers	5	x	8	Municipal Police Detail	0	X	8	Light Tower	0	x	8		
				State Police Detail	4	X	8						

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks began wrapping prestressed wire around the water tank today 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 140+50 to 143+00.

Veilleux saw cut pavement for trench overcuts from Stations 178+00 to 191+00 on the southbound lane of Main Street, Durham.

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:

Res. Representative:	J. Meunier	Date:	9/30/20
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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 began wrapping prestressed wire around the water tank today at the water tank work zone located east of the Shared Access Driveway.

0715: DN Tanks continues to prepare for the start of wire wrapping the water tank today.

0907: DN Tanks is setting up to start wrapping prestressed wire around water tank.

1052: A small crane departs from the water tank work zone.

1109: DN Tanks is placing equipment on the water tower as they prepare to place prestressed wire around the tank sidewalls.

1220: DN Tanks continue to place equipment on the water tower as they prepare to place prestressed wire around the tank sidewalls.

1353: DN Tanks begins to wrap prestressed wire around the shotcrete exterior of the water tank.

Daily Activities – Permanent paving of trench cutbacks, S. Main Street, Middletown

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 140+50 to 143+00.

0724: Ludlow has begun stripping back pavement at Station 140+50 on the southbound lane of Main Street for trench cutback paving. One private flagger and two state troopers providing traffic management.

0853: Ludlow continues to strip asphalt as they work on cutback permanent paving on S. Main St., Durham.

1012: Ludlow has asphalt stripped back to Station 143+00. JTC is present to collect compaction data once asphalt has been placed.

1105: Ludlow is placing a the first of three 3" lifts of asphalt between Stations 140+50 and 143+00. Ludlow is also placing tack coat along the edge of the cut pavement.

1234: Ludlow is currently placing and second of three 3" lifts of asphalt between Stations 140+50 and 143+00 on the southbound lane of Main Street, Durham.

1346: Ludlow is placing and compacting the third of three 3" lifts of asphalt between Stations 140+50 and 143+00.

1421: Ludlow is continuing to place a third lift of asphalt between Stations 140+50 and 143+00 on the southbound lane of Main Street, Durham.

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Daily Activities – Saw cutting pavement, Main Street, Durham

Veilleux saw cut pavement for trench overcuts from Stations 178+00 to 191+00 on the southbound lane of Main Street, Durham.

0739: Ludlow is setting up cones for pavement saw cutting. Veilleux has not arrived at the work zone yet.

0811: Veilleux is saw cutting trench and curb stop over cuts at Station 179+00 on the southbound lane of a Main Street, Durham.

1115: Veilleux continues to saw cut pavement on the southbound lane of Main Street, Durham.

1246: Veilleux continues to saw cut pavement on the southbound lane of Main Street, Durham. They have progressed to Station 188+25.

1435: Veilleux continues to saw cut pavement on the southbound lane of Main Street, Durham and as progressed as far as Station 191+00.

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Picture 1: Ludlow in the process of stripping asphalt from trench overcuts as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 140+50 to 143+00. View to the south.

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Picture 2: Ludlow compacting 1.5" processed gravel as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 140+50 to 143+00. View to the south.

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Picture 3: DN Tanks setting up to wrap prestressed wire around the sides of the water tank. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the east.

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Picture 4: Ludlow compacting 1.5" processed gravel as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 140+50 to 143+00. View to the south.

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Picture 5: Ludlow using a Broce Broom to clean up the work zone as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 140+50 to 143+00. View to the southeast.

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Picture 6: Ludlow placing and compacting the third of three 3" lifts of asphalt on the southbound lane of Main Street, Durham from Stations 140+50 to 143+00. View to the south.

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Picture 7: DN Tanks begins to wrap prestressed wire around the sides of the water tank. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the east.