

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 2, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	171
Contractor:	Ludlow Construction	Page:	1 of 8

Weather Conditions

Conditions: Daylight hours: partly cloudy, raining. Winds variable 0-5 mph.
 Temperature (°F): High 62°F Low 45F

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	4	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	0	x	8
Plate Compactor	2	x	8
Jumping Jack Compactor	2	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, Installations, and Other Work

DN Tanks continued to wrap 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 146+30 to 148+65.

Veilleux saw cut pavement for trench and curb stop overcuts on 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:	10/02/20
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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 continued to wrap prestressed wire around the water tank today at the water tank work zone located east of the Shared Access Driveway.

0705: DN Tanks has applied shotcrete over the prestressed wire they placed yesterday on the water tank located east of the Shared Access Driveway. DN Tanks is currently mobilizing at the water tank work zone.

0920: DN Tanks is placing the second layer of wire on dome rim of the water tank, east of the Shared Access Driveway, Middletown.

1101: DN Tanks continues to place the second layer (25 wraps) of prestressed wire around the dome rim of the water tank. Light rain continues to fall.

1257: DN Tanks has resumed wrapping prestressed wire on the side of the water tank where they left off yesterday.

1407: DN Tanks continues to wrap prestressed wire around the side of the water tank and is currently changing out spools of wire. So far, they have wrapped wire from 47.5' to 58' on the side 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 146+30 to 148+65.

0713: Two CT State Troopers are managing traffic as Ludlow starts to strip pavement from the trench cutback for permanent paving between Stations 146+30 and 148+65 on the southbound lane of Main Street, Durham.

0748: Ludlow continues stripping asphalt on the southbound lane of Main Street, Durham.

0822: Ludlow continues stripping asphalt on the southbound lane of Main Street, Durham.

0913: Ludlow continues stripping asphalt on the southbound lane of Main Street, Durham. Rain starts to fall again.

0927: Ludlow is finishing up stripping back asphalt on the trench cutback paving work zone from Station 146+30 to Station 148+65 on the southbound lane of Main Street, Durham.

1013: Ludlow has asphalt stripped away between Station 146+32 Station 148+65. Ludlow is currently compacting the 1.5" base of processed gravel while waiting for hot patch to arrive.

1051: Ludlow continues to compact 1.5" processed gravel for permanent paving while waiting for asphalt to arrive for placement.

1114: Ludlow begins to place the first of three 3" lifts of asphalt between Stations 146+30 and 148+65. JTC is present at the work zone to collect compaction data once asphalt has been placed and compacted.

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1247: Ludlow is applying and compacting the second lift of asphalt between Station 146+30 and Station 148+65.

1320: Ludlow is placing and compacting the third 3" lift of asphalt between Stations 146+30 and Station 148+65.

1355: Ludlow has finishing up placing and compacting the third 3" lift of asphalt between Stations 146+30 and Station 148+65 and are cleaning up the work zone.

Daily Activities – Saw cutting pavement, Main Street, Durham

Veilleux saw cut pavement for trench and curb stop overcuts on Main Street, Durham.

0724: Veilleux is saw cutting pavement on the northbound lane of Main Street, Durham at Station at Station 182+00. Traffic management is being provided by one Ludlow labor and one private flagger.

0849: Veilleux is saw cutting pavement for a curb stop cutback on the northbound lane of Main Street at Station.

1045: Veilleux is saw cutting pavement for a curb stop cutback for 289 Main Street, Durham.

1226: Veilleux is saw cutting pavement a curb stop cutback in front of 285 Main Street, Durham.

1342: Veilleux is saw cutting pavement in front of 281 Main Street, Durham.

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Picture 1: DN Tanks placing a second layer of prestressed wire around the dome rim of the water tank. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the northeast.

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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 146+30 to 148+65. View to the southeast.

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Picture 3: Ludlow compacting 1.5" processed gravel as part of permanent paving on the trench cutbacks on the southbound lane of Main Street, Durham from Stations 146+30 to 148+65. View to the east.

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Picture 4: Ludlow placing first of three 3” lifts of asphalt on the southbound lane of Main Street, Durham from Stations 143+00 to 146+30. View to the southeast.

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Picture 5: DN Tanks wrapping prestressed wire around the sides of the water tank from 47.5' to 58'. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the northeast.