

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 1, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	170
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours: partly cloudy. Winds variable 0-5 mph.
 Temperature (°F): High 79°F Low 59F

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 wrapped 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 143+00 to 146+30.

Veilleux saw cut pavement for trench and curb stop overcuts 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:

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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 wrapped prestressed wire around the water tank today at the water tank work zone located east of the Shared Access Driveway.

0716: DN Tanks has wrapped the first 14" of the bottom of the water tank with prestressed wire.

0853: DN Tanks has the wire wrapping cart positioned at the top of the water tank as they lay out the chain that the cart rides along as the wire is wrapped around the side of the tank.

0948: DN Tanks is in the process of raising the wire cart to the top of the water tank to the east of the Shared Access Driveway.

1147: DN Tanks has placed prestressed wire around the rim of the tank dome and on the top ~20" of the top of the water tank.

1314: DN Tanks has wrapped prestressed wire around the dome rim of the water tank and is preparing to wind the same wire around the sides of the water tank, starting immediately below the dome rim.

1352: DN Tanks has wrapped prestressed wire around the tank from the top at 67'3" to 58'. Ludlow informed AECOM that a truck of shotcrete will arrive at 1530 that will be applied over the wire that has been wound around the water tank thus far.

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

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 143+00 to 146+30.

0710: Ludlow is setting up at Station 143+00 to continue with trench cut back permanent paving on the southbound lane of Main Street, Durham.

0826: Ludlow continues to strip asphalt from Station 143+00 to 146+30 on the southbound lane of Main Street, Durham.

0910: Ludlow continues to strip asphalt from Station 143+00 to 146+30 on the southbound lane of Main Street, Durham.

1017: Ludlow is preparing base for paving trench overcuts from Station 143+00 to 146+30 on the southbound lane of Main Street, Durham.

1125: Ludlow is placing tack coat along the cut edges of pavement and they also place and compact the first of three 3" lifts of asphalt between Stations 143+00 and 146+30.

1155: Ludlow continues to place the first lift of asphalt on the trench cutback on the southbound lane of Main Street, Durham from Stations 143+00 and 146+30. JTC is present to collect compaction data from the asphalt.

1235: Ludlow is placing and compacting the second of three 3" lifts of asphalt between Stations 143+00 and 146+30.

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1345: Ludlow has placed and compacted about 150' of the third 3" lift of asphalt between Stations 143+00 and 146+30.

Daily Activities – Saw cutting pavement, Main Street, Durham

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

1119: Veilleux is saw cutting pavement at Station 177+00 for a curb stop overcut on the northbound lane of Main Street, Durham.

1205: Veilleux is saw cutting pavement at Station 178+50 on the northbound lane of Main Street, Durham.

1334: Veilleux is saw cutting a curb stop overcut on the northbound lane of Main Street at 303 Main Street, Durham.

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Picture 1: DN Tanks has wrapped prestressed wire around the sides of the water tank at the bottom. 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 143+00 to 146+30. View to the south.

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Picture 3: DN Tanks placed warning sign near the water tank work zone, east of the Shared Access Driveway, Middletown as they wrapped prestressed wire around the tank. View to the east.

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Picture 4: Ludlow stripping back asphalt as they prepare to place permanent paving 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 preparing to wrap prestressed wire around the sides of the water tank at the top of the tank. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the northeast.

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Picture 6: DN Tanks wrapping prestressed wire around the sides of the water tank at the top of the tank. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the northeast.

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Picture 7: JTC collecting compaction data from the 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 8: Tack coat applied to the sides of cut pavement as part of trench cutback paving activities on the southbound lane of Main Street, Durham from Stations 143+00 to 146+30.

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Picture 9: Ludlow compacting second lift of asphalt as part of trench cutback paving activities on the southbound lane of Main Street, Durham from Stations 143+00 to 146+30. View to the northeast.

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