

## Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 29, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	169
Contractor:	Ludlow Construction	Page:	1 of 12

### Weather Conditions

Conditions: Daylight hours: cloudy. Winds variable 0-8 mph.  
 Temperature (°F): High 77°F Low 66F

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		3	X	8					

Visitors: None.

### Pipe Connections, Installations, and Other Work

DN Tanks removed dome rim forms today and prepared for wire wrapping to being tomorrow at the water tank work zone located east of the Shared Access Driveway.

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 136+95 to 140+50.

Veilleux saw cut pavement for trench overcuts from Stations 174+00 to 178+80 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:	9/29/20
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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 removed dome rim forms today and prepared for wire wrapping to begin tomorrow at the water tank work zone located east of the Shared Access Driveway.

0705: DN Tanks has covered the steel diaphragm (metal sheathing covering the exterior of the water tank) with shotcrete and has removed the brackets and guardrails from the top of the tank.

0741: DN Tanks is removing the dome ring form from top perimeter of the water tank. In addition, DN Tanks is going to patch holes on the inside of the tank where bolts held plywood in place where grout was poured behind the slot plates.

0844: DN Tanks continues to remove the dome ring form from the top perimeter of the water tank and patch holes on the inside of the water tank.

1019: DN Tanks continues to remove the dome ring form from the top perimeter of the water tank and patch holes on the inside of the tank.

1159: DN Tanks has finished removing dome ring and is currently setting points on the roof that will be used for the placement and operation of the wire wrapping machine.

1348: DN Tanks continues to prepare for the start of wire wrapping the exterior of the water tank tomorrow. JTC is at the water tank work zone to bring eighteen 6"x12" cylinder samples and 2 shotcrete baskets back to their office for analysis.

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

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 136+95 to 140+50.

0712: Ludlow is continuing with trench cut back paving on the southbound lane of Main Street, Durham starting at Station 136+95.

0823: Ludlow is continuing to strip pavement between Stations 136+95 and 140+50 as part of trench cutback paving activities on Main Street, Durham.

0919: Ludlow is continuing to strip pavement from Station 136+95 to Station 140+00 and compact the underlying 1.5" processed gravel.

0954: Ludlow is continuing to strip payment from between Stations 136+95 and 140+00.

1051: Ludlow has finished stripping payment between Stations 136+95 and 140+50 and are currently compacting the 1.5" processed gravel base.

1147: JTC collecting compaction data from the first of three 3" lifts of asphalt on the trench overcut paving work zone located between Stations 136+95 and 140+50.

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1224: Ludlow is placing and compacting the second lift of asphalt on the southbound lane of Main St., Durham from Stations 136+95 to 140+50.

1329: Ludlow is placing and compacting the third 3" lift of asphalt on the southbound lane of Main St., Durham from Stations 136+95 to 140+50.

### Daily Activities – Saw cutting pavement, Main Street, Durham

Veilleux saw cut pavement for trench overcuts from Stations 174+00 to 178+80 on the southbound lane of Main Street, Durham. 0733: Veilleux is setting up on the southbound lane of Main Street, Durham to continue saw cutting pavement for future trench and curb stop cutback paving.

0914: Veilleux is saw cutting on the southbound lane of Main Street, Durham at Station 174+90. One labor from Ludlow and one state trooper are currently providing traffic detail.

1129: Veilleux is saw cutting the southbound lane of Main Street at Station 175+70. Ludlow is cleaning up with the Broce Broom. The closest downgradient catch basin is located at Station 179+50. This catch basin has a silt sock installed in it. Two CT State Troopers are providing traffic management

1314: Veilleux has saw cut trench and curb stop overcuts from Station 174+00 to Station 178+80 on the southbound lane of Main Street, Durham.

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**Picture 1: DN Tanks removing dome rim form from the top of the water tank, which was coated with shotcrete yesterday. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the west.**



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**Picture 2: Machine that DN Tanks will use to start the placement of prestressed wire around the shotcrete that was placed on the exterior of the water tank yesterday. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the south.**



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**Picture 3: Veilleux saw cutting pavement on the southbound lane of Main Street, Durham at Station 175+00. View to the west.**



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**Picture 4: 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 136+96 to 140+50. View to the south.**



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**Picture 5: Ludlow compacting 1.5" processed gravel as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 136+96 to 140+50. View to the northwest.**



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**Picture 6: Ludlow stripping asphalt from trench overcuts as they prepare to place permanent paving on the southbound lane of Main Street, Durham from Stations 136+96 to 140+50. View to the south.**

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**Picture 7: Ludlow has removed silt fence from the northwest corner of the intersection of Maiden Lane and Brick Lane, Durham. View to the west.**



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**Picture 8: JTC collecting compaction data from asphalt placed between Stations 136+95 and 140+50 on the southbound lane of Main Street, Durham. View to the northwest.**



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**Picture 9: Ludlow placing the third of three 3" lifts of asphalt between Stations 136+95 and 140+50 as part of trench cutback paving activities on the southbound lane of S. Main Street, Middletown. View to the northwest.**