

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 25, 2020
Location:	Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	167
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-4 mph.
Temperature (°F): High 82°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
				<i>Note that some persons</i>			
				<i>Multiple pieces equipment.</i>			
DN Tanks							
Superintendent	1	x	8	Sub-contractor	5	X	8
Laborers	5	x	8	Municipal Police Detail	1	X	8
				State Police Detail	2	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks poured Mix C (4000 PSI) concrete on top of the water tank dome.

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 130+00 to 134+00.

Veilleux saw cut pavement for trench overcuts on Main Street in 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: 9/25/20

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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 poured Mix C (4000 PSI) concrete on top of the water tank dome.

0739: DN Tanks continues working on top of the water tank, preparing for a pour of Mix C (4000 PSI) concrete today on the water tank dome.

1009: DN Tanks continues prepare for the pour of Mix C (4000 PSI) concrete on the water tank dome.

1322: JTC collects field and laboratory samples of concrete brought to the water tank work zone for placement on the tank dome.

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

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 126+00 to 130+00.

0710: Ludlow has begun to strip pavement from the trench cutbacks starting at Station 130+00.

0754: Ludlow continues to strip pavement between Stations 130+00 and 134+00, moving south on the southbound lane of Main Street as part of trench cut back paving activities.

0940: Ludlow has removed all pavement between Stations 130+00 and 134+00 on the trench cutback work zone on S. Main Street, Middletown.

1202: Ludlow is placing tack coat along the edges of cut pavement and have started placing and compacting the second of three 3" lifts of asphalt. Two CT State Trooper and one private flagger are providing traffic management.

1231: JTC collects compaction data from the second lift of asphalt placed between Stations 130+00 and 134+00.

1348: Ludlow is placing and compacting the third of three 3" lifts of asphalt between Stations 130+00 and 134+00.

Daily Activities – Saw cutting pavement, Main Street, Durham

Veilleux saw cut pavement for trench overcuts on Main Street in Durham.

0705: One Ludlow laborer and one State Trooper are staged south of the intersection of Main Street and Route 147, Durham waiting for Veilleux to arrive for pavement saw cutting.

0809: Veilleux is saw cutting on Main Street, Durham immediately south of the intersection of Route 147 and Main Street.

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0956: Veilleux pauses saw cutting on Main Street, Durham, to change out blades. Two state troopers are currently providing traffic management.

1054: Ludlow is using the Broce Broom to clean up pavement saw cuttings as Veilleux continues cutting on Main Street, Durham.

1248: Veilleux continues to saw cut pavement on the northbound lane of Main Street, Durham.

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Picture 1: Ludlow removing pavement from the trench cutback zone on the southbound lane of S. Main Street, Middletown where they will pave later today. View to the south.

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Picture 2: Ludlow raising a road box as they compact pavement between Stations 130+00 and 134+00 on the southbound lane of S. Main Street, Middletown. View to the southwest.

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Picture 3: Ludlow placing the third of three 3" lifts of asphalt between Stations 130+00 and 134+00 as part of trench cutback paving activities on the southbound lane of S. Main Street, Middletown. View to the southwest.

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Picture 4: Brace removed from the toe of a slot panel on the water tank a day after grout was poured. Water tank work zone, east of the Shared Access Driveway, Middletown.

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Picture 5: JTC performing air entrainment test on concrete brought to the site to be placed on top of the water tank today. Water tank work zone east of the Shared Access Driveway, Middletown.

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Picture 6: Hose run up the side of the water tank that was used in pumping concrete to top of the water tank today. Water tank work zone east of the Shared Access Driveway, Middletown. View to the southeast.

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Picture 7: CT Ready Mix pumping concrete into a pump trailer that, in turn, is pumping concrete to the top of the water tower for a dome pour. Water tank work zone east of the Shared Access Driveway, Middletown. View to the south.

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Picture 8: Overview of concrete being pumped to the top of the water tower for a dome pour. Water tank work zone east of the Shared Access Driveway, Middletown. View to the southeast.

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Picture 9: Ludlow placing the first of three 3" lifts of asphalt between Stations 126+00 and 130+00 as part of trench cutback paving activities on the southbound lane of S. Main Street, Middletown. View to the south.

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Picture 10: JTC collecting compaction data from the second of three 3" lifts of asphalt between Stations 126+00 and 130+00 on the southbound lane of S. Main Street, Middletown. View to the west.

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