

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 28, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown; South Main Street, Middletown	Day of Week:	Monday
Project #:	AECOM: 60614871	Report No:	168
Contractor:	Ludlow Construction	Page:	1 of 8

Weather Conditions

Conditions: Daylight hours: Mostly cloudy. Winds variable 0-15 mph.
 Temperature (°F): High 80°F Low 68°F

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
DN Tanks				Note that some persons			
Superintendent	1	x	8	Multiple pieces equipment.			
Laborers	5	x	8	Sub-contractor	5	X	8
				Municipal Police Detail	1	X	8
				State Police Detail	3	X	8

Visitors: None.

Res. Representative:

A. Bogucki

Date: 9/28/20

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Pipe Connections, Installations, and Other Work

Ludlow excavated and paved trench cutbacks on S. Main St, Middletown from Stations 134+00 to 137+00

DN Tanks initiated applying shotcrete to the steel diaphragm on the tank walls at the tank site on the shared access driveway, Middletown.

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:

<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 initiated application of shotcrete concrete coating on tank exterior walls.

0700: DN Tanks holds safety meeting prior to starting work.

0800: DN Tanks taking load of concrete mix for shotcrete application equipment.

1000: DN Tanks starting to apply shotcrete coating to outer steel diaphragm on northwest side of tank.

1330: All tank walls coated. DN tanks applying concrete to gaps in the coat.

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

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 134+00 to 137+00. Traffic control was provided by one state trooper and one professional flagger.

0725: Ludlow excavating trench cutback south of Station 134+00.

0945: Ludlow placing and compacting fill between stations 134+00 and 137+00.

1340: Ludlow installing new asphalt between stations 134+00 and 135+00.

1530: Ludlow installing new asphalt between stations 136+00 and 137+00.

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Daily Activities – Saw cutting pavement, Main Street, Durham

Veilleux saw cut pavement for trench overcuts on the southbound lane of Main Street in Durham. Traffic control was provided by two state troopers.

0730: Veilleux setting up saw cutting near Talcott Lane intersection.

0940: Veilleux saw cutting pavement near Talcott Lane.

1145: Veilleux saw cutting in front of Notre Dame church.

1230: Veilleux saw cutting between Notre Dame and Maiden Lane.

1500: Veilleux completed saw cutting to 248 Main St.

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Picture 1: Grading and compacting cut-back trench on southbound lane of South Main Street, Middletown. View to the north.

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Picture 2: Applying coat of sprayed concrete mix on northwest side of tank wall. View to the east.

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Picture 3: Veilleux pavement saw on west side of trench on southbound lane adjacent to #256 Main Street, Durham. View to the south.

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Picture 4: Completed coat of shotcrete on tank walls, showing a small gap in the coat. Shared access driveway, Middletown; view to the north.

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Picture 5: DN Tanks crew re-coating gap in concrete coat on northeast side of tank. Shared access driveway, Middletown; view to the northwest.