

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 6, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	196
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-7 mph.
 Temperature (°F): High 71°F Low 52F

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	1	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	0	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

Ludlow excavated and paved trench overcuts on Main Street, Durham between Stations 204+80 and 207+90.

Ludlow performed permanent paving for curb stop overcuts at Stations 189+20, 190+55, 191+30, 191+65, 192+45, 193+15, 193+30, and 194+70 on the northbound lane of Main Street, Durham.

DN Tanks placed a final coat of shotcrete on the exterior of the water tank located to the east of the Shared Access Driveway, Middletown.

Compaction Testing

Soil compaction testing was performed today. Compaction test data for soil, concrete, and asphalt can be found under the "Related Links" column on the righthand side of the page of the following link:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

Res. Representative:

J. Meunier

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Daily Activities – Permanent paving of trench cutbacks, Main Street, Durham

Ludlow excavated and paved trench overcuts on Main Street, Durham between Stations 204+80 and 207+90.

0733: Ludlow is stripping pavement from trench overcuts on the southbound lane of Main Street south of Station 204+80 as part of permanent paving activities.

0908: Ludlow is applying tack coat to the cut edges of payment on the trench overcut on a southbound lane of Main Street between Stations 204+80 and 207+90 and are continuing to strip pavement from the overcut.

1033: Ludlow has stripped all payment between Stations 204+80 and 207+90. The edges of pavement have been tack coated.

1143: Ludlow has begun to place the first lift of asphalt between Stations 204+80 and 207+90.

Daily Activities – Permanent paving of curb stop cutbacks, Main Street, Durham

Ludlow performed permanent paving for curb stop overcuts at Stations 189+20, 190+55, 191+30, 191+65, 192+45, 193+15, 193+30, and 194+70 on the northbound lane of Main Street, Durham.

0745: Ludlow is excavating curb stop overcuts on the northbound lane of Main Street.

0815: Ludlow is currently excavating a curb stop overcut at Station 191+30. Ludlow has curb stop overcuts already excavated at Stations 190+55 and 189+20.

0922: Ludlow is excavating a curb stop overcut at Station 193+15 on the northbound lane of Main Street, Durham. Ludlow has also excavated curb stop overcuts at Stations 192+40 and 191+65.

1040: Ludlow has curb stop overcuts excavated and tack coated at Stations 192+45, 193+15, 193+30, and 194+70.

1128: Ludlow has placed the first list of asphalt on all but one of the curb stop overcuts they excavated on the northbound lane of Main Street, Durham.

1219: Ludlow continues to place and compact asphalt on curb stop overcuts as part of permanent paving activities performed on the northbound lane of Main Street, Durham.

Daily Activities – Construction of water tank, Shared Access Driveway, Middletown

DN Tanks placed a final coat of shotcrete on the exterior of the water tank located to the east of the Shared Access Driveway, Middletown.

0720: DN Tanks is present at the water tank work zone east of the Shared Access Driveway in Middletown to apply a coat of shotcrete to the exterior of the tank.

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0941: DN Tanks works on the Putzmeister concrete pumper at the water tank work zone as they prepare for the delivery of shotcrete.

1007: JTC arrives at the water tank work zone to collect QC samples of shotcrete before it is applied to the exterior of the water tank.

1059: The first load of shotcrete arrives at the water tank work zone east of the Shared Access Driveway from CT Ready Mix.

1105: JTC collects an entrained air sample from load of shotcrete that was just delivered to the water tank work zone east of the Shared Access Road.

1259: A second truck of shotcrete has been delivered to the water tank work zone from Connecticut Ready Mix.

1312: A third truck of shotcrete has been delivered to the water tank work zone from Farmington Ready Mix.

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Picture 1: Ludlow compacting soil on a curb stop overcut on the northbound lane of Main Street, Durham. View to the south.

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Picture 2: Ludlow compacting soil on the trench overcuts on the southbound lane of Main Street, Durham as part of permanent paving activities. View to the south.

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Picture 3: Ludlow stripping pavement from trench overcuts between Stations 204+80 and 207+90 as part of permanent paving activities on the southbound lane of Main Street, Durham. View to the southeast.

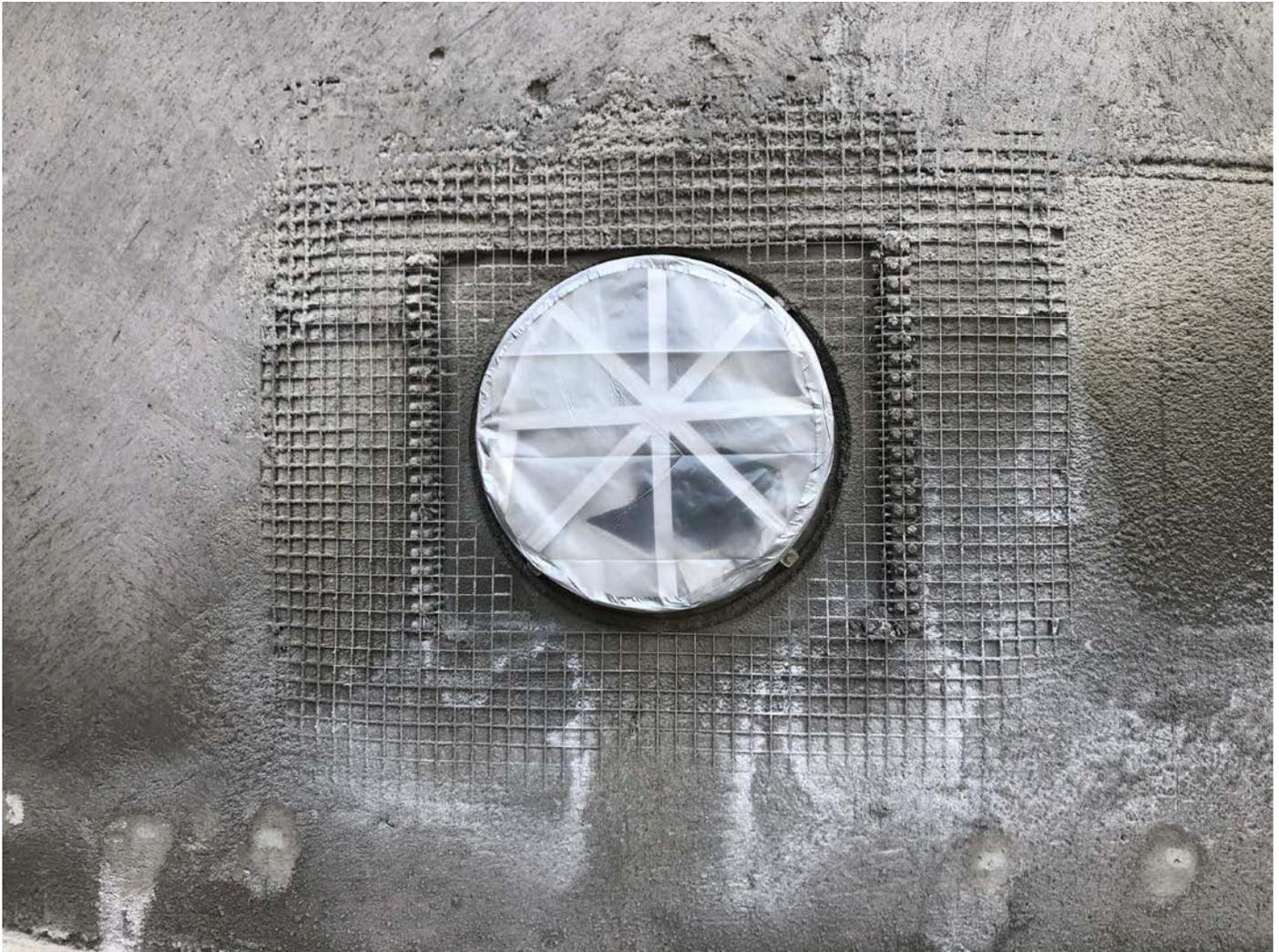
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Picture 4: Manway on the east side of the water tank located east of the Shared Access Driveway, Middletown that is ready for final coat of shotcrete. View to the east.

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Picture 5: View of the top of the water tank from several weeks ago. The maypole that was used in the placement of prestressed wire around the sides of the water tank is visible on the center of the tank dome. View to the west.

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Picture 6: Ludlow placing the first of three 3” lifts of pavement between Stations 204+80 and 207+90 as part of permanent pavement activities on the southbound lane of Main Street, Durham. View to the northeast.

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Picture 7: JTC collecting an entrained air sample from the first load of shotcrete that was delivered to the water tank work zone as DN Tanks prepared to apply final coat of shotcrete to the exterior of the water tank.

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Picture 8: Ludlow compacting asphalt on the trench overcuts between Stations 204+80 and 207+90 on the southbound lane of Main Street, Durham. View to the southeast.

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Picture 9: DN Tanks applying the final coat of shotcrete to the exterior of the water tank located east of the Shared Access Driveway, Middletown. View to the north.

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