

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 27, 2020
Location:	Route 68 and Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	188
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours: partly sunny. Winds variable 0-7 mph.
 Temperature (°F): High 61°F Low 45F

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	1	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		
DN Tanks				Multiple pieces equipment.				Street Sweeper (Broce Broom)	1	x	8		
Superintendent	1	x	8					Material Hopper	0	x	8		
Laborers	5	x	8	Sub-contractor	3	X	8	Pipe saw	1	x	8		
				Municipal Police Detail	0	X	8	Light Tower	0	x	8		
				State Police Detail	0	X	8						

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks placed shotcrete on the exterior of the water tank.

Ludlow excavated and paved trench cutbacks on Main Street, Durham between Stations 192+70 and 195+30.

Ludlow performed permanent paving for curb stop overcuts on Stations 164+50, 163+00, 162+10, 160+95, 159+95, 158+80, and 157+80 on the northbound lane of Main Street, Durham.

Compaction Testing

Soil compaction testing was performed today. All compaction tests observed by AECOM met or exceeded passing criteria. Compaction data will be attached to future Daily Reports once it has been received from Ludlow.

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Daily Activities – Water tank construction, Shared Access Driveway, Middletown

DN Tanks placed shotcrete on the exterior of the water tank.

0809: DN Tanks is cleaning waste shotcrete from around the perimeter of the water tank and preparing for the delivery of shotcrete to be applied exterior of water tank.

1038: DN Tanks is waiting for the first load of shotcrete to arrive at the water tank work zone. JTC is present to collect QC samples of the shotcrete once it arrives.

1113: The first truck of shotcrete arrives at the water tank work zone.

1337: A second truck of shotcrete from Connecticut Ready Mix is staged next to the water tank. DN Tanks continues to spray shotcrete on the exterior of the water tank and is currently working on the west side of the water tank.

1342: A third truck of shotcrete arrives at the water tank work zone from Farmington Ready Mix.

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

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 192+70 and 195+30.

0920: Ludlow is stripping pavement on trench overcuts on the southbound lane of Main Street from Station 192+70 to 195+30 and the westbound lane of Route 68 from Stations 600+00 to 600+50 as part of permanent paving activities.

1135: Ludlow has sliver slab cutouts filled with asphalt and are currently placing first lift of asphalt between Stations 192+70 and 195+30.

1201: Ludlow is compacting the first lift of asphalt on the southbound lane of Main Street between Stations 192+70 and 195+30. Asphalt has not been placed between Stations 600+00 and 600+50 on Route 68 yet. JTC is present to collect compaction data from the asphalt once it has cooled to 180°F.

1220: Ludlow is placing a second 3" lift of asphalt on the southbound lane of Main Street between Stations 192+70 and 195+30.

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

Ludlow performed permanent paving for curb stop overcuts on Stations 164+50, 163+00, 162+10, 160+95, 159+95, 158+80, and 157+80 on the northbound lane of Main Street, Durham.

0833 Ludlow is excavating on the northbound lane of Main Street, Durham, for permanent paving on curb stop overcuts. Ludlow is currently excavating a fifth curb stop overcut. Two Ludlow labors and one private flagger are providing traffic management.

1024: Ludlow has excavated six curb stop overcuts on the northbound lane of Main Street and has placed tack coat on the edges of cut pavement in preparation for paving.

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1028: Ludlow is placing and compacting the first lift of asphalt on the curb stop overcut located at Station 157+80. One private flagger and two Ludlow laborers are providing traffic management.

1206: JTC reports that they were not able to get compaction data from first lift of asphalt on the curb stop overcuts on the northbound lane of Main street, Durham, as the JTC rep was busy at the water tank work zone collecting QC data from the shotcrete brought to the work zone.

1259: Ludlow is placing the first coat of asphalt on the curb stop overcut at Station 164+50.

1329: Ludlow begins to put a second layer of asphalt on the curb stop overcut located at Station 164+50. Ludlow has finished placing and compacting asphalt on the other curb stop overcuts Ludlow worked on today.

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Picture 1: Ludlow compacting 1.5" processed gravel on the southbound lane of Main Street, Durham, as part of permanent paving activities. View to the west.

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Picture 2: Ludlow stripping pavement away from trench overcuts between Stations 192+70 and 195+30 on the southbound lane of Main Street, Durham, as part of permanent paving activities. View to the northeast.

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Picture 3: Ludlow applying tack coat to the edge of cut pavement between Stations 192+70 and 195+30 as part of permanent paving activities on the southbound lane of Main Street, Durham. View to the southeast.

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Picture 4: Ludlow applying a second lift of asphalt on a curb stop overcut on the northbound lane of Main Street, Durham, as part of permanent paving activities. View to the west.

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Picture 5: JTC collecting compaction data from the first lift of asphalt that Ludlow placed and compacted between Stations 192+70 and 195+30 on the southbound lane of Main Street, Durham. View to the east.

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Picture 6: Ludlow applying the first lift of asphalt between Stations 192+70 and 195+30 on the southbound lane of Main Street, Durham as part of permanent paving activities. View to the northeast.

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Picture 7: Ludlow compacting a second lift of asphalt on a curb stop overcut located on the northbound lane of Main Street, Durham as part of permanent paving activities. View to the south.

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Picture 8: Ludlow compacting a second lift of asphalt on a curb stop overcut located on the northbound lane of Main Street, Durham as part of permanent paving activities. View to the south.

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Picture 9: JTC preparing an air entrainment test from the first load of shotcrete delivered to the water tank work zone today, east of the Shared Access Driveway, Middletown. View to the northeast.

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Picture 10: DN Tanks applying shotcrete to the west side of the water tank, east of the Shared Access Driveway, Middletown. View to the north.

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