

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 9, 2020
Location:	Main Street and Maiden Lane, Durham; Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	176
Contractor:	Ludlow Construction	Page:	1 of 10

Weather Conditions	
Conditions:	Daylight hours: partly sunny. Winds variable 0-3 mph.
Temperature (°F):	High 64°F Low 55F

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
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		1	X	8					

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks cleaned the inside of the water tank and placed forms for the C.I.P cove that will be poured next week.

Ludlow excavated and paved trench cutbacks on the southbound lane of Main Street, Durham from Stations 160+25 to 163+55.

Ludlow removed silt fence from the south side of Maiden Lane, 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: 10/09/20

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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 cleaned the inside of the water tank and placed forms for the C.I.P. cove that will be poured next week.

0815: DN Tanks removed all knee braces and the center tower from the inside of the water tank east of the Shared Access Driveway.

0930: DN Tanks is cleaning the inside of the water tank with a pressure washer as they prepare for the pouring of concrete for the C.I.P. cove.

1154: DN Tanks is building a form on the inside perimeter of the water tank for creation of a C.I.P. cove that DN Tanks plans to pour on Monday. The C.I.P. cove will encase the PVC water stop located along the perimeter of the water tank where the tank wall meets the tank base.

1342: DN Tanks continues to build the C.I.P. cove form on the inside perimeter of the water tank.

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

Ludlow excavated and paved trench cutbacks on the southbound lane of Main Street, Durham from Stations 160+25 to 163+55.

1014: Ludlow is removing silt fence from south side of Maiden Lane, Durham.

1119: One State Trooper and one private flagger provide traffic management on trench cutback paving activities on the southbound lane of Main Street in Durham.

1134: Ludlow continues to work on trench cutback paving activities on the southbound lane of Main Street in Durham.

1210: Ludlow has placed the first lift of asphalt between Stations 160+25 and 163+55 on the southbound lane of Main Street, Durham. JTC is present collecting compaction data from placed and compacted asphalt.

1304: Ludlow prepares to apply the second lift of asphalt between Stations 160+25 and 163+55 on the southbound lane of Main Street, Durham.

1325: Ludlow has begun applying second lift of asphalt between Stations 160+25 and 163+55 on the southbound lane of Main Street, Durham.

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Picture 1: Ludlow stripping back asphalt as they prepare to place permanent paving between Stations 160+25 to 163+55 the southbound lane of Main Street, Durham. View to the southeast.

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Picture 2: Ludlow grading and compacting 1.5" processed gravel between Stations 160+25 to 163+55 as they prepare to place permanent paving on the southbound lane of Main Street, Durham. View to the northeast.

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Picture 3: Tack coat that Ludlow has placed on the edges of cut pavement between Stations 160+25 to 163+55 as they prepare to place permanent paving on the southbound lane of Main Street, Durham. View to the west.

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Picture 4: Ludlow stripping back asphalt as they prepare to place permanent paving between Stations 160+25 to 163+55 the southbound lane of Main Street, Durham. View to the south.

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Picture 5: JTC collecting compaction data from permanent paving at trench cutbacks between Stations 160+25 and 163+55 on the southbound lane of Main Street, Durham. View to the northeast.

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Picture 6: Ludlow raising a road box during permanent paving at trench cutbacks between Stations 157+25 and 160+25 on the southbound lane of Main Street, Durham. View to the east.

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Picture 7: Ludlow placing and compacting the first of three 3" lifts of asphalt between Stations 160+25 to 163+55 as they prepare to place permanent paving on the southbound lane of Main Street, Durham. View to the southeast.

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Picture 8: Concrete form for the C.I.P. cove on the inside of the water tank. Water tank work zone located to the east of the Shared Access Driveway, Middletown.

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