

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 15, 2020
Location:	Maple Avenue, Talcott Lane, and Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	159
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Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-11 mph.
Temperature (°F): High 78°F Low 45F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	0	x	8	Superintendent	1	x	8
				Safety Officer	1	x	8
				Foreman	2	x	8
Northeastern Steel				Dump truck Operator	4	x	8
Superintendent	0	x	8	Excavator Operator	4	x	8
Laborers	0	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	4	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 erected side panels and dome panels on the water tank located east of the Shared Access Driveway.

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 102+00 to 104+50.

Ludlow installed curb stops at Stations 422+52, 424+67, 305+06, and 535+20 (105 Maiden Lane, 123 Maiden Lane, 25 Talcott Lane, and Picket Lane, respectively) and a hydrant at Station 305+41 on Talcott Lane.

Ludlow subcontractor Veilleux saw cut trench overcuts on Main Street in Durham.

Ludlow performed a pressure test the section of the waterline on Maple Avenue between Talcott Lane and Station~930+40.

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J. Meunier

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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 erected side panels and dome panels on the water tank located east of the Shared Access Driveway.

0716: Eight wide side panels and two narrow side panels have been erected on the water tank base so far. DN Tanks is preparing to erect the remaining side panels to the tank.

0928: DN Tanks and Marino are placing the last side panel into place on the water tank.

1124: DN tanks and Marino are preparing to lift to the first water tank dome panel into place.

1235: DN Tanks is in the process of placing the first dome panel to the top of the water tank.

1412: DN Tanks and Marino are placing the sixth dome panel on the water tank.

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

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 102+00 to 104+50.

0705: Ludlow is setting up to resume trench cut back work starting at station 102+00 on S. Main Street, Middletown. One Middletown police officer and one private flagger are providing traffic management.

1041: Ludlow continues work repaving the trench over cut on S. Main Street, Middletown. Ludlow has begun to place and compact the first of three 3" lifts of asphalt. JTC is present collecting compaction data.

1128: JTC is collecting compaction data from the second lift of asphalt at the trench cutbacks. Ludlow continues to place and compacted asphalt between Station 102+00 and 104+50.

1221: Ludlow continues with trench cutback paving on S. Main Street, Middletown. They are continuing to place and compact the second lift of asphalt.

1255: Ludlow is applying and compacting the third 3" lift of asphalt between Stations 102+00 and 104+50.

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1310: JTC is present at the trench cutback work zone to collect compaction data on the asphalt being placed between Stations 102+00 and 104+50. The JTC representative is collecting compaction data from all three lifts of asphalt.

1352: Ludlow continues to place and compact the last of the three 3" lifts of asphalt between Station 102+00 and 104+50

Daily Activities – installation of a curb stops and hydrants, Durham

Ludlow installed curb stops at Stations 422+52, 424+67 and 535+20 (105 Maiden Lane, 123 Maiden Lane, 25 Talcott Lane, and Picket Lane, respectively) and a hydrant at Station 305+41 on Talcott Lane.

0733: Ludlow is installing a curb stop at Station 422+52 to bring service to 105 Maiden Lane, Durham.

0852: Ludlow has finished installing a curb stop at Station 422+52. The curb stop is located 10.5' from the edge of pavement.

0855: Ludlow is finishing with the installation of a curb stop at Station 424+67 for service to 123 Maiden Lane. The curb stop is 10' from the edge of pavement.

0902: Ludlow is preparing to excavate for the installation of a curb stop at Station 535+20 on Picket Lane.

1135: Ludlow is currently installing a curb stop at Station 305+06 to provide service for 25 Talcott Lane, Durham.

1140: Ludlow is installing a hydrant at Station 305+41 on Talcott Lane near the intersection of Maple Avenue and Talcott Lane.

1324: Ludlow has completed the installation of hydrant on Talcott Lane. They're currently placing a 2" curb stop servicing 14 Talcott Lane at Station 303+32. Ludlow is placing a 1" curb stop at Station 300+00.

Daily Activities – saw cutting pavement, Main Street, Durham

Ludlow subcontractor Veilleux saw cut trench overcuts on Main Street in Durham.

0829: Veilleux is saw cutting pavement on southbound lane of Main Street, Durham.

0944: Veilleux continues saw cutting pavement on southbound lane of Main Street, Durham.

1029: Veilleux continues to saw cut pavement on Main Street, Durham. They are currently working immediately south of the intersection of Main Street and Little Lane.

1131: Veilleux continues to saw cut pavement on the southbound lane of Main Street, Durham. They are currently working at Station 143+00.

1207: Veilleux continues to saw cut pavement on the southbound side of Main Street, Durham. They are currently working at Station 145+20. Ludlow is cleaning up the work area with the Broce Broom.

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1341: Veilleux continues with pavement saw cutting activities on the southbound lane of Main Street in Durham at Station 146+50.

Daily Activities –pressure testing, Maple Avenue, Durham

Ludlow performed a pressure test the section of the waterline on Maple Avenue between Talcott Lane and Station~930+40.

0811: Ludlow has just started a pressure test of the section of water line on Maple Avenue that runs from Station~930+40 to the intersection of Maple Avenue and Talcott Lane. The pressure gauge is on the fire hydrant located at Station 935+49. The starting pressure is 154 PSI.

1011: The pressure test that Ludlow was conducting on Maple Avenue has finished. The final pressure is 152 PSI.

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Picture 1: View of water tank construction progress at the start of the day. Water tank work zone, east of the Shared Access Road, Middletown. View to the northeast.

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Picture 2: Beginning pressure at the start of the pressure test conducted today on Maple Avenue, Durham.

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Picture 3: Curb stop installed at Station 422+52 that will service 105 Maiden Lane, Durham. View to the south.

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Picture 4: Curb stop installed at Station 424+67 that will service 123 Maiden Lane, Durham. View to the south.

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Picture 5: Tack coating applied to the cut edges of asphalt at the trench cutbacks that Ludlow repaved today from Stations 102+00 to 104+50 on S. Main Street, Middletown. View to the south.

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Picture 6: End pressure for the pressure test conducted today on Maple Avenue, Durham.

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Picture 7: Ludlow installing a curb stop at Station 305+06 that will service 25 Talcott Lane, Durham. View to the northeast.

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Picture 8: Installed curb stop at Station 535+20 on Picket Lane. View to the west.

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Picture 9: Ludlow using the Broce Broom to clean up after pavement saw cutting activities on the southbound lane of Main Street, Durham. Station 146+00. View to the northeast.

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Picture 10: Marino holding the first dome panel in place for installation by DN Tanks. Water tank work zone, east of the Shared Access Driveway, Middletown.

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Picture 11: Marino holding the sixth dome panel in place for installation by DN Tanks. Water tank work zone, east of the Shared Access Driveway, Middletown.

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Picture 12: Ludlow placing third 3" lift of asphalt for the trench cutback repaving on S. Main Street, Middletown. View to the southeast.

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