

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 16, 2020
		Day of Week:	Wednesday
Location:	Maple Avenue, Talcott Lane, Maiden Lane, and Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown		
Project #:	AECOM: 6061487	Report No:	160
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-5 mph.

Temperature (°F): High 72°F Low 58F

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		0	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
Northeastern Steel					Dump truck Operator		4	x	8	Excavator - Rubber Wheeled – Rock		0	x	8
Superintendent		0	x	8	Excavator Operator		4	x	8	Skid Steer / Bucket Loader		1	x	8
Laborers		0	X	8	Skid Steer/Bucket Loader		1	x	8	Rolling Compactor		0	x	8
					Laborers		6	X	8	Plate Compactor		2	x	8
					<i>Note that some persons</i>					Jumping Jack Compactor		2	x	8
DN Tanks					<i>Multiple pieces equipment.</i>					Street Sweeper (Broce Broom)		1	x	8
										Material Hopper		0	x	8
Superintendent		1	x	8	Sub-contractor		4	X	8	Pipe saw		1	x	8
Laborers		5	x	8	Municipal Police Detail		1	X	8	Light Tower		0	x	8
					State Police Detail		2	X	8					

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks welded slot panels together at the water tank work zone located east of the Shared Access Driveway.

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 104+50 to 108+50.

Ludlow installed the following curb stops: Station 916+57 (empty lot), Station 940+82 (254 Maple Avenue), Station 918+78 (146 Maple Avenue), Station 919+76.5 (148 Maple Avenue), Station 916+61 (133 Maple Avenue), Station 916+10.5 (129 Maple Avenue), Station 915+18.5 (126 Maple Avenue), Station 911+86.5, (110 Maple Avenue), Station 912+51 (109 Maple Avenue), and Station 914+48 (119 Maple Avenue).

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

Ludlow performed a pressure test on Talcott Lane and a second test on Maiden Lane.

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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 welded slot panels together at the water tank work zone located east of the Shared Access Driveway.

0655: DN Tank is mobilizing at the water tank work zone. They installed all dome panels to the water tank by the end of the day yesterday.

0805: DN Tanks continues with water tank construction activities. They are currently constructing a wooden bed to place the slot panels on top of in order to assist in welding them together.

0850: DN Tanks continues to build the wooden form upon which they will stage and weld the slot panels.

1005: DN Tanks is welding slot plates together at the water tank work zone.

1342: DN Tanks is welding the last of the slot plates and are also installing some of the tank's handrail brackets. In addition, DN Tanks is preparing to sandblast the edges of the water tank side panels as they prepare to install the slot panels.

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

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 104+50 to 108+50.

0700: Ludlow is setting up traffic cones on S. Main Street in Middletown as they prepare to continue trench cutback paving at Station 104+50.

0748: Ludlow is removing asphalt from the trench cutback at Station 104+50.

0820: Ludlow is removing asphalt from trench cutbacks south of Station 104+50 and grading the subbase of 1.5" processed gravel.

1143: JTC is collecting compaction data from the top of the first lift of asphalt on the southbound lane of S. Main Street, Middletown. They are using a Model 301 Pavement Quality Indicator collect the compaction data.

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1353: Ludlow has placed and compacted the second 3" lift of asphalt from Station 104+50 to Station 107+90. Ludlow's end station for the trench cutback paving is Station 108+50.

Daily Activities – Installation of a curb stops, Maple Avenue, Durham

Ludlow installed the following curb stops: Station 916+57 (empty lot), Station 940+82 (254 Maple Avenue), Station 918+78 (146 Maple Avenue), Station 919+76.5 (148 Maple Avenue), Station 916+61 (133 Maple Avenue), Station 916+10.5 (129 Maple Avenue), Station 915+18.5 (126 Maple Avenue), Station 911+86.5, (110 Maple Avenue), Station 912+51 (109 Maple Avenue), and Station 914+48 (119 Maple Avenue).

0714: Ludlow is setting up at the intersection of Talcott Lane and Maple Avenue to install a curb stop.

0727: Ludlow is installing a 1" curb stop at Station 940+82 that will bring service to 254 Maple Avenue, Durham. The curb stop is located 12' from the edge of pavement.

0931: Ludlow is installing a curb stop at Station 916+57, bringing service to an empty lot.

0935: Ludlow is finishing the installation of a curb stop at Station 918+78, bringing service to 146 Maple Avenue, Durham. The curb stop is located 10' from the edge of pavement.

1033: Ludlow has installed a curb stop at Station 919+76.5, bringing service to 148 Maple Avenue, Durham. The curb stop is located 11' from edge of pavement. Ludlow has also installed a curb stop at Station 916+61, bringing service to 133 Maple Avenue, Durham. This curb stop was placed 10.5 feet from edge of pavement.

1046: Ludlow is currently installing a 1.5" curb stop at Station 916+10.5 for 129 Maple Avenue, Durham. The curb was installed 10' from the edge of pavement.

1324: Ludlow has installed a curb stop at Station 915+18.5, bringing service to the abandoned house located at 126 Maple Avenue. The curb stop was installed 10.5 feet from the edge of pavement.

1402: Ludlow has installed curb stops at Station 911+86.5, (110 Maple Avenue), Station 912+51 (109 Maple Avenue), and Station 914+48 (119 Maple Avenue).

Daily Activities – Saw cutting pavement, Main Street, Durham

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

0710: Ludlow is setting up near Station 146+00 to resume saw cutting of pavement on the southbound lane of Main Street in Durham.

0733: Veilleux has resumed saw cutting pavement on the southbound lane of Main Street in Durham. They are currently working at Station 148+50. There are two State Troopers providing traffic management.

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0900: Veilleux continues to saw cut pavement on the southbound lane of Main Street. They are currently working at Station 149+50.

1025: Veilleux is saw cutting pavement at Station 150+30 on the southbound lane of Main Street, Durham.

Daily Activities –Pressure testing, Maple Avenue, Durham

Ludlow performed a pressure test on Talcott Lane and a second test on Maiden Lane.

0914: Ludlow starts a pressure test on the water line that was installed on Talcott Lane. The starting pressure is 150 PSI.

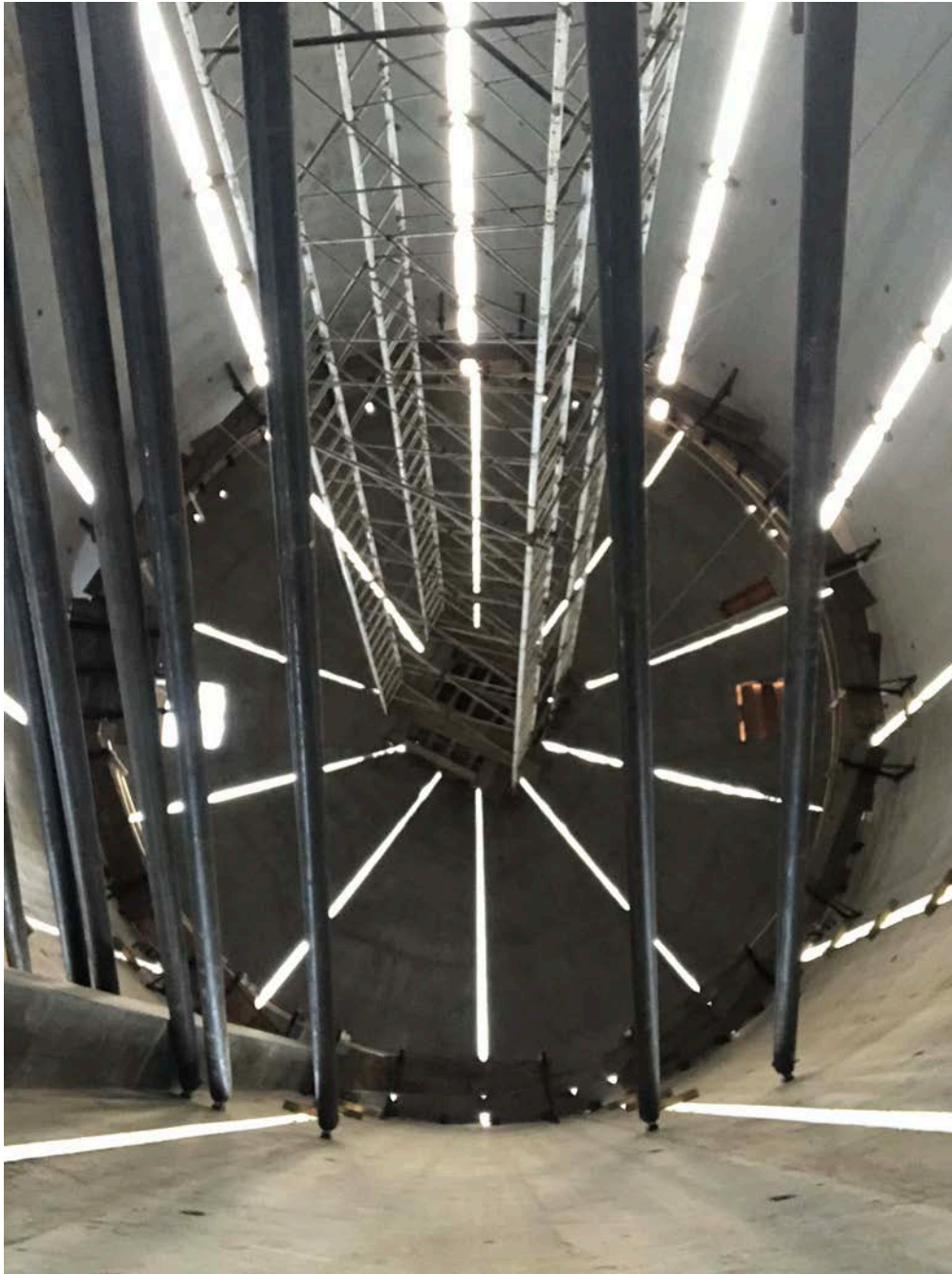
0947: Ludlow is pressure testing the section of the water line on Maiden Lane located between Main Street and Brick Lane, Durham. The pressure gauge for this test was placed on the hydrant located on Brick Lane, on the northwest corner of Maiden Lane and Brick Lane.

1114: The pressure test on Talcott Lane has ended with a final pressure of 148 PSI.

1133: The pressure test on Maiden Lane has ended with a final pressure of 155 PSI.

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Picture 1: View of water tank with all the dome panels installed. Water tank work zone, east of the Shared Access Driveway, Middletown.

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Picture 2: View of the knee braces that are supporting the water tank side panels. Water tank work zone, east of the Shared Access Driveway, Middletown.

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Picture 3: Ludlow installing a corporation stop at Station 940+82 for service to 254 Maple Avenue, Durham. View to the northeast.

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Picture 4: Ludlow compacting 1.5" processed gravel as part of the trench cutback repaving activities on S. Main Street, Middletown. View to the south.

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Picture 5: Starting pressure for the pressure test performed on the water line on Talcott Lane, Durham.

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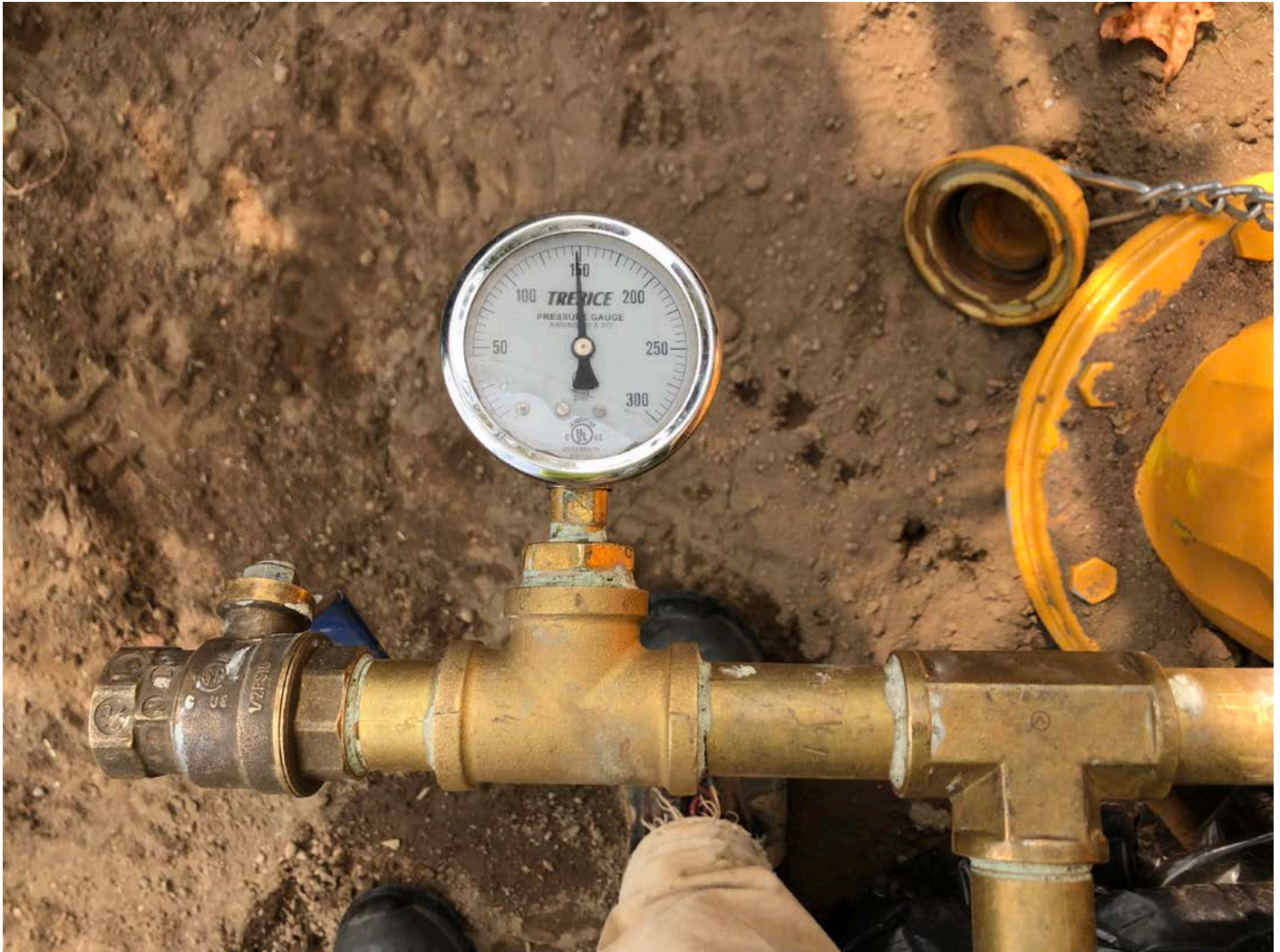


Picture 6: Starting pressure for the pressure test performed on the section of water line on Maiden Lane between the intersection of Main Street and Brick Lane, Durham.

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Picture 7: End pressure for the pressure test performed on the water line on Talcott Lane, Durham.

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Picture 8: End pressure for the pressure test performed on the section of water line on Maiden Lane between the intersection of Main Street and Brick Lane, Durham.

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Picture 9: JTC collecting compaction data from the top of compacted asphalt on S. Main Street, Middletown as part of trench cutback repaving activities. View to the southwest.

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Picture 10: DN Tanks welding slot panels together. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the southeast.

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Picture 11: Ludlow applying the third 3" lift of asphalt during trench cutback paving activities. S. Main Street, Middletown. View to the northeast.

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