

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 15, 2021
Location:	Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	264
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours: Rain. Winds variable 0-4 mph.
 Temperature (°F): High 75°F Low 61°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	2	x	8	Superintendent	1	x	8
				Safety Officer	1	x	8
				Foreman	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/ Bucket Loader	1	x	8
				Laborers	3	X	8
JTC	0	x	8	Note that some persons			
United Concrete	0	x	8	Multiple pieces equipment.			
A&R Electrical	2	x	8				
Barnhart	0	x	8	Sub-contractor	2	X	8
DN Tanks	3	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow continued work on the utility trench located just south of the Shared Access Driveway and roughed out the extension of the vehicle turnout located on the north side of the Shared Access Driveway at Station 13+95. A&R Electric placed 2" and 4" PVC conduits in the utility trench. DN Tanks began to place handrails on the top of the water tank and prepared for a peel test on the CIM coating that will be applied to the interior of the water tank.

Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

Ludlow continued work on the utility trench located just south of the Shared Access Driveway and roughed out the extension of the vehicle turnout located on the north side of the Shared Access Driveway at Station 13+95. A&R Electric placed 2" and 4" PVC conduits in the utility trench. DN Tanks began to place handrails on the top of the water tank and prepared for a peel test on the CIM coating that will be applied to the interior of the water tank.

0729: Ludlow has mobilized to the water tank work zone where they continue assembling rebar and continue trenching in a westward direction just south of the Shared Access Driveway.

0814: Ludlow continues to excavate a utility trench in a westward direction on the south edge of the Shared Access Driveway. Ludlow is also beginning to place and compact soil at the vehicle turnout located on the north side of the Shared Access

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Driveway at Station 13+95 in order to extend it 15' to the north. A&R Electric is placing 2" and 4" PVC conduits in the utility trench that was excavated on the south side of the Shared Access Driveway, moving westward.

0822: DN Tanks has three laborers at the water tank work zone. They are planning to start placing handrails on the top of the water tank today. They have the water tank open to lower humidity in order to apply several test patches of CIM over CIM epoxy primer in order to perform peel tests.

0918: Ludlow continues to place fill on the north side of the turnout at Station 13+95. Ludlow is continuing to excavate a utility trench westward on the south side of the Shared Access Driveway. The trench has been advanced westward to approximately Station 14+00.

1023: Ludlow continues excavate a utility trench westward on the south side of the Shared Access Driveway and is continuing to excavate a utility trench on the south side of the Shared Access Driveway.

1112: Ludlow continues to trench westward on the south side of the Shared Access Driveway for the installation of 2" and 4" PVC utility conduits. Ludlow is continuing to wire sections of rebar together and place the sections in the utility trench. So far, they have placed two 4" PVC lines through the transformer pad located at ~Station 11+50.

1146: DN Tanks is currently trying to lower the humidity inside the water tank in order to prepare for a peel test on the CIM coating that will be applied to the interior of the water tank. DN Tanks has painted several test patches inside of the water tank with primer, which will then have the CIM coating placed on top of the primer. Once the CIM has cured, DN Tanks will then apply tape to the surface of the CIM, connect a scale to the tape, and pull in order to determine if the adhesion to the interior of the water tank is sufficient. They are looking for the adhesion of the CIM coating to withstand a minimum of 15 pounds of pull.

1315: Ludlow is saw cutting pavement in front of the driveways for #214, #216, and #224 Talcott Ridge Drive. Ludlow has stopped excavating the utility trench on the south side of the Shared Access Driveway at ~Station 14+20. Ludlow continues to wire sections of rebar together.

1324: DN tax is preparing to lift railing supports to the top of the water tank.

1347: A&R Electric continue to place 2" and 4" PVC utility conduits in the utility trench that Ludlow is excavating on the south side of the Shared Access Driveway.

1428: Ludlow is setting up snow fence along the north side of the trench running along the south side of the shared access driveway. They've roughed out the extension on the vehicle turnout located on the north side of the Shared Access Driveway at Station 13+95. Ludlow has finished saw cutting the footprint of the utility trench paving in front of the driveways for 214, 216, and 224 Talcott Ridge Drive.

1443: DN Tanks begins to place rail components on the top of the water tank located east of the Shared Access Driveway in Middletown.

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Picture 1: Ludlow excavating a utility trench on the south side of the Shared Access Driveway in Middletown. View to the southwest.

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Picture 2: 2" and 4" PVC conduits and the cement vault located at ~Station 11+50 that will house a transformer; all of which are located in the utility trench on the south side of the Shared Access Driveway in Middletown. View to the east.

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Picture 3: 2" PVC conduit for telephone placed over rebar, with black plastic chairs separating and supporting the PVC, located in the utility trench on the south side of the Shared Access Driveway in Middletown. View to the south.

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Picture 4: View of PVC conduits that A&R Electric has placed in the utility trench on the south side of the Shared Access Driveway in Middletown. View to the east.

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Picture 5: Another view of the PVC conduits and rebar that A&R Electric and Ludlow have placed in the utility trench on the south side of the Shared Access Driveway in Middletown. (Electric power conduits to the left, telephone conduits to the right in this photo) View to the east.

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Picture 6: 4" PVC conduit entering and exiting the concrete transformer pad located at ~Station 11+50 that will house a transformer.

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Picture 7: Ludlow saw cutting the footprint for the utility trench in front of the driveways for 214, 216, and 224 Talcott Ridge Drive in Middletown. View to the east.

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Picture 8: Vehicle turnout located on the north side of the Shared Access Driveway at Station 13+95 where Ludlow is extending it 15' to the north. View to the east.

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Picture 9: View of progress as A&R Electric place 2" and 4" PVC conduits in the utility trench they are excavating on the south side of the Shared Access Driveway in Middletown. View to the west.

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Picture 10: DN Tanks lifting railing components to the top of the water tank for installation.

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