

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	245
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-5 mph.
 Temperature (°F): High 79°F Low 46°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	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
				Note that some persons			
United Concrete	4	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
JTC	0	x	8	Sub-contractor	2	X	8
CT Traffic Control	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow and United Concrete continued work at the booster station footprint located at Station 750+63 in Middletown. United Concrete continued installation of electrical conduits and wiring at the altitude valve vault located east of the Shared Access Driveway in Middletown.

Daily Activities – Booster station work zone, S. Main Street, Middletown

Ludlow and United Concrete continued work at the booster station footprint located at Station 750+63 in Middletown.

0650: United Concrete has two laborers working at the booster station, securing the PVC conduits that were installed yesterday at the booster to the interior side of the northern frost wall. Ludlow has two excavators a rolling compactor and combo backhoe on site. John Ewanowski from the Middletown Water and Sewer Department is present.

0745: Ludlow is excavating at Station 700+00 as they prepare to place a corp stop and a 1" blowoff pipe on a previously-installed section of 8" DIP.

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AECOM

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0803: Ludlow continues to excavate at Station 700+00 to daylight a previously-installed section of 8" DIP for the installation of a 1" corp stop and 1" blowoff pipe.

0808: United Concrete continues to secure the PVC conduits that were installed yesterday at the booster station to the interior side of the northern frost wall.

0816: Ludlow is setting up to start a pressure test of the piping at the booster station work zone. They have attached testing equipment and pressure gauge to the top of the vertical section of 8" DIP located on the east side of the frost wall interior.

0932: Ludlow has finished tapping the 8" DIP at Station 700+00 and have installed a 1" corporation stop with a 1" copper line attached to it for air release and as a potential chlorination point.

1030 Ludlow begins to pressure test 8" DIP at the booster station footprint. The starting pressure is 200 PSI.

1058: Ludlow continues pressure test at the booster station work zone. Ludlow is leveling and compacting fill at the work zone where a crane will be staged tomorrow for the lift and placement of the trough into the booster station footprint.

1104: John Ewanowski from the City of Middletown is present to oversee the pressure test being performed on 8" DIP at the booster station.

1203: Ludlow continues to grade fill to the west and north of the booster station footprint.

1235: Ludlow concludes the pressure test performed on 8" DIP at the booster station work zone. The final pressure is 195 PSI.

1240: Ludlow is placing and compacting fill with a jumping jack on the south side of the booster station frost wall exterior.

1334: Ludlow continues to place and compact fill with a jumping jack on the south side of the booster station frost wall exterior.

1349: Ludlow is placing and compacting fill with a jumping jack on the north side of the booster station's southern frost wall (the interior of the frost wall footprint).

1405: Ludlow continues to place and compact fill with a jumping jack on the north side of the booster station's southern frost wall (the interior of the frost wall footprint).

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

United Concrete continued installation of electrical conduits and wiring at the altitude valve vault located east of the Shared Access Driveway in Middletown.

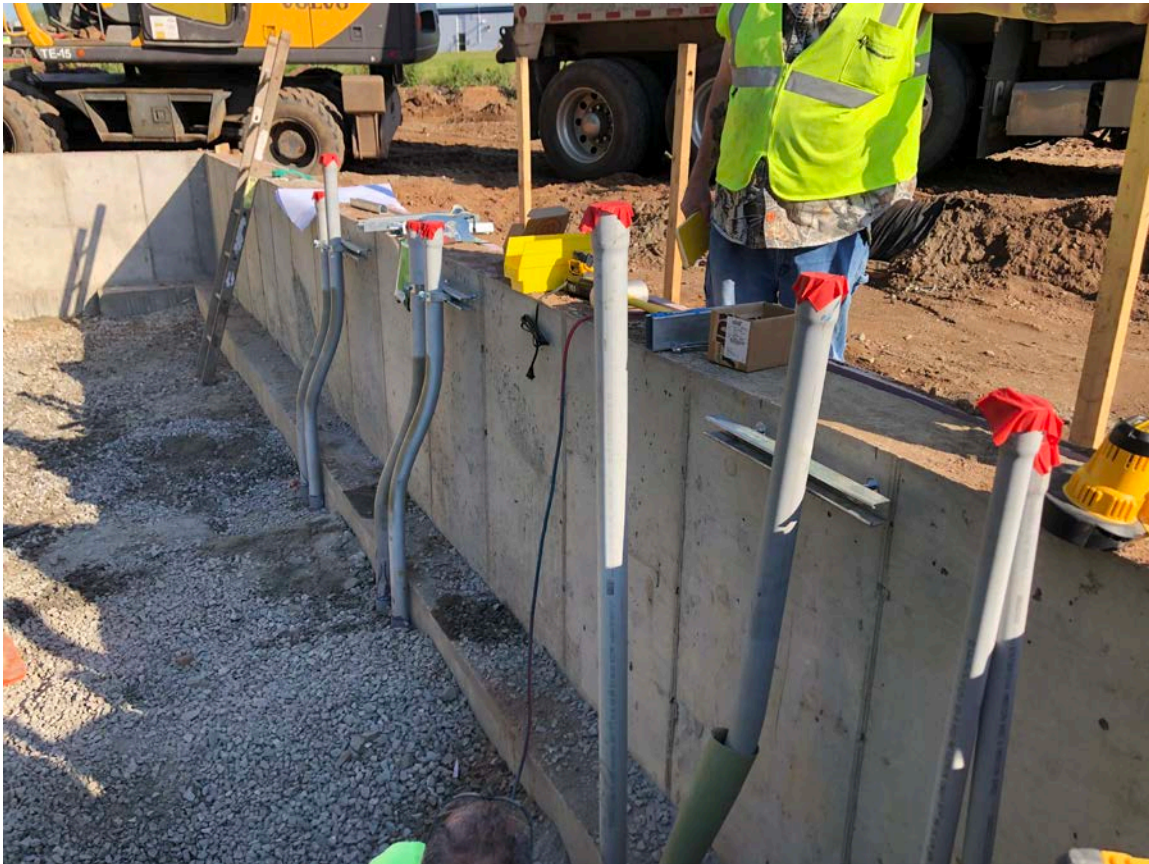
0907: United Concrete has resumed the placement of electrical conduits at the altitude valve vault located east of the Shared Access Driveway in Middletown.

1251: Two laborers from United Concrete continue to install steel conduit for wiring inside the altitude valve vault located east of the Shared Access Driveway in Middletown.

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Picture 1: PVC conduits that United Concrete is securing to metal supports on the interior of the northern frost wall at booster station located at Station 700+63 South Main Street in Middletown. View to the northwest.

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Picture 2: 1" copper blowoff that is attached to a 1" corporation stop that Ludlow installed on 8" DIP at Station 700+00 today. View to the northeast.

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Picture 3: Pressure test setup at the booster station footprint at Station 750+63 in Middletown. View to the northeast.

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Picture 4: Pressure test setup at the booster station footprint located at Station 750+63 in Middletown, looking down at the pressure gauge. View to the northeast.

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Picture 5: Ludlow compacting fill with a jumping jack along the south side of the booster station frost wall. Station 750+63, Middletown. View to the west.

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Picture 6: Rigid galvanized steel electrical conduit in the process of being installed by United Concrete at the altitude valve vault located east of the Shared Access Driveway in Middletown.

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Picture 7: Ludlow compacting fill with a jumping jack south of the booster station footprint. Station 750+63, Middletown. View to the north.

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Picture 8: Overview of progress at the booster station footprint located at Station 750+63 in Middletown. View to the north.

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Picture 9: Ludlow in the process of placing backfill on the north side of the southern frost wall at the booster station work zone. View to the west.

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