

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 14, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	243
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-5 mph.		
Temperature (°F):	High 71°F	Low	42°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
				Note that some persons			
United Concrete	0	x	8	Multiple pieces equipment.			
Farmington Ready Mix	0	x	8				
JTC	0	x	8	Sub-contractor	0	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 continued with the installation of 8" DIP at the booster station footprint located at Station 750+63 South Main Street in Middletown. Ludlow also began to pump water out of the water tank located east of the Shared Access Driveway in Middletown.

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

Ludlow continued with the installation of 8" DIP at the booster station footprint located at Station 750+63 South Main Street in Middletown.

0735: Ludlow is excavating on the northeast and east side of the booster station footprint as they prepare to connect the 8" DIP they recently installed on the north side of the booster station footprint and the previously installed 8" DIP that runs east from S. Main street at Station 700+50. Ludlow is also preparing to install a 6" DIP line on the east side of the booster station footprint as part of the hydrant assembly at Station 700+93, Station 750+10.

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0805: Ludlow has excavated a trench on east side of the booster station footprint. They have lined the trench with geofabric and are currently placing a 6" layer of 3/4" gravel on top of the fabric. A 6" gate valve that was installed previously has been daylighted on the south end of the trench. Ludlow is dewatering the trench and discharging the water to the adjoining woods located immediately south of the booster station footprint.

0850: Ludlow has installed 6" DIP from the 6" gate valve located east of the booster station northwards by 20' as part of the hydrant assembly at Station 700+93, Station 750+10. Ludlow is compacting sand around the installed pipe with a jumping jack.

0944: Ludlow is excavating a second trench to the east of the booster station footprint closer to S. Main St., Middletown for the installation the booster station bypass line from Station 750+25 to Station 700+73.

0953: Ludlow has daylighted previously-installed 8" DIP at located Station 700+50 on the west side of S. Main Street. Ludlow is preparing to continue the installation of 8" DIP on the north side of the booster station footprint and connect it to the 8" DIP they just daylighted on the west side of S. Main Street at Station 700+50.

1033: Ludlow continues to excavate soil to the north and northeast of the booster station footprint as they continue the installation of 8" DIP that will connect the 8" DIP they have recently installed on the north side of the booster station to the previously-installed 8" DIP at located Station 700+50.

1044: Ludlow removes a plug from the west end of previously-installed 8" DIP located at Station 700+50.

1057: Ludlow is currently placing 6" of gravel on top of geofabric on the bed of the trench they excavated on the north side of the booster station footprint as they continue to install 8" DIP.

1207: Ludlow is installing an 8"x8"x8" M.J. C.L.D.I. TEE with two M.J. 8" DIP gate valves at the northeast corner of the booster station footprint at Station 700+73. The Tee assembly is attached to the 8" DIP line they are placing on the north side of the booster station footprint, and connects to the 8" bypass line they are installing to the east of the booster station footprint and to the previously installed 8" DIP located at Station 750+00. All connections are being made with megalug retainer glands.

1322: Ludlow has begun to install 8" DIP between the 8"x8"x8" M.J. C.L.D.I. TEE at Station 700+73 and the previously installed 8" DIP located at Station 750+00.

1337: Ludlow places a thrust block on the north side of the 8"x8"x8" M.J. C.L.D.I. TEE at Station 700+73.

1359: Ludlow is currently installing the last piece of 8" DIP between the 8"x8"x8" M.J. C.L.D.I. TEE at Station 700+73 and the previously installed 8" DIP located at Station 750+00.

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

Ludlow also began to pump water out of the water tank located east of the Shared Access Driveway in Middletown.

0821: Ludlow is in the process of emptying the water out of the water tank located to the east of the Shared Access Driveway in Middletown in order to access a valve they will need to operate when they pressure test piping near the tank. The water is being pumped to a catch basin located ~50 feet northwest of the water tank.

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1150: Ludlow continues to pump out of the water tank located east of the Shared Access Driveway in Middletown. About half of the water has been removed from the tank thus far.

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Picture 1: Ludlow preparing to install 6" DIP that is part of a hydrant assembly at Station 700+93, Station 750+10. View to the northwest.

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Picture 2: Ludlow pumping water out of the water tank located east of the Shared Access Driveway in Middletown. View to the northeast.

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Picture 3: Catch basin that Ludlow is pumping water into from the water tank located east of the Shared Access Driveway in Middletown. View to the north.

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Picture 4: Ludlow compacting sand with a jumping jack at the 6" DIP they just installed east of the booster station footprint. View to the northwest.

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Picture 5: Ludlow placing ¾" gravel on top of geofabric in the trench located just north of the booster station footprint in Middletown. View to the west.

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Picture 6: Ludlow pumping water from the trench located due east of the booster station footprint located at Station 750+63 in Middletown. View to the west.

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Picture 7: Ludlow in the process of installing 8" DIP on the east side of the booster station located at Station 750+63. This pipe is part of the bypass line from Station 750+25 to Station 700+73. View to the east.

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Picture 8: Ludlow installing 8" DIP from north of the booster station to previously-installed 8" DIP located at Station 750+00. View to the west.

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Picture 9: Ludlow installing 8" DIP from north of the booster station to previously-installed 8" DIP located at Station 750+00. View to the east.

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Picture 10: Thrust block placed on the north side of the 8"x8"x8" M.J. C.L.D.I. TEE at Station 700+73. View to the east.

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Picture 11: Ludlow compacting sand with a jumping jack next to the 8" DIP they installed from north of the booster station to previously-installed 8" DIP located at Station 750+00. View to the east.

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Picture 12: Ludlow compacting sand with a plate compactor next to the 8" DIP they installed from north of the booster station to previously-installed 8" DIP located at Station 750+00. View to the east/northeast.

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