

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 20, 2021
Location:	Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	225
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-15 mph.		
Temperature (°F):	High 73°F	Low	48F

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	0	x	8
				Foreman	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/Bucket Loader	0	x	8
				Laborers	1	X	8
				Note that some persons			
Barnhart	0	x	8	Multiple pieces equipment.			
United Concrete	0	x	8				
JMS	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 connected the existing 20" DIP that was installed up to ~Station 11+20 last year to the altitude valve vault located at the water tank work zone east of the Shared Access Driveway in Middletown.

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

Ludlow connected the existing 20" DIP that was installed up to ~Station 11+20 last year to the altitude valve vault located at the water tank work zone east of the Shared Access Driveway in Middletown.

0731: Ludlow begins to excavate just west of the altitude valve vault at the water tank work zone as they prepare to connect the previously-placed 20" to the 16" DIP that is protruding from the west side of the altitude valve vault.

0802: Ludlow has daylighted the temporary hydrant located just east of the 20" DIP (~Station 11+20) west of the water tank work zone in Middletown.

0907: Ludlow has excavated soils for the placement of 16" and 20" DIP that will connect existing 20" DIP to the west side of the altitude valve vault.

Res. Representative:	J. Meunier	Date:	04/20/21
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0918: Ludlow begins to remove the temporary hydrant located just east of the 20" DIP (~Station 11+20).

0933: Ludlow has removed the temporary hydrant from where it joined the 20" DIP.

0939: Ludlow is removing a 5' section of 16" DIP that the hydrant assembly was attached to (the 16" DIP was attached to the end of the 20" DIP located at ~Station 11+20).

1014: Ludlow is putting together a section of 16" DIP with a butterfly valve, a 16"x16"x16" TEE, and a 20"-to-16" reducer. This assembly will get attached to the 16" DIP that is protruding from the west side of the altitude valve vault located east of the Shared Access Driveway in Middletown.

1104: Ludlow is installing a MJ solid sleeve on the 16" DIP protruding from the altitude valve vault using Megalug restrained glands. A 22.5° MJ bend has been placed on the 20" DIP.

1139: Ludlow has attached the section of 16" DIP with a butterfly valve, a 16"x16"x16" tee, and a 20"-to-16" reducer to the 16" DIP that is protruding from the west side of the altitude valve vault located east of the Shared Access Driveway in Middletown.

1210: Ludlow is performing a "dry" fit of a 20' section of 20" DIP to the previously-installed 20" DIP located south of the Shared Access Driveway in Middletown and west of the altitude valve vault.

1304: Ludlow is attaching a 22.5° DIP bend onto the end of a 20' section of 20" DIP that they will then connect to the previously-installed 20" DIP located south of the Shared Access Driveway in Middletown and west of the altitude valve vault.

1325: Ludlow begins to attach the 20' section of 20" DIP (with the 22.5° DIP bend) onto the east end of the previously-installed 20" DIP located just south of the Shared Access Driveway in Middletown.

1430: Ludlow is in the process of tightening up the Megalug restrained glands on multiple unions between all the pieces of 16" and 20" DIP.

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Picture 1: Section of 16" DIP (foreground) and 6" DIP (attached to the hydrant) that Ludlow daylighted as they prepare to remove the daylighted pipe. Location is west of the altitude valve vault and east of the Shared Access Driveway in Middletown. View to the south/southeast.

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Picture 2: 16" DIP protruding from the west side of the altitude valve vault located east of the Shared Access Driveway in Middletown. Ludlow has placed a MJ gasket and a Megalug restrained gland onto the 16" DIP. View to the south.

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Picture 3: A 20", 22.5° MJ bend that Ludlow has attached to the east end of the 20" DIP that they installed last year at the water tank work zone. Location is west of the altitude valve vault and east of the Shared Access Driveway in Middletown. View to the south.

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Picture 4: Close-up of the 20", 22.5° MJ DI bend that Ludlow attached to the east end of the 20" DIP they installed last year at the water tank work zone.

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Picture 5: 16" DIP with a butterfly valve, a 16"x16"x16" TEE, and a 20"-to-16" reducer. that Ludlow connected to the 16" DIP protruding from the west side of the altitude valve vault located east of the Shared Access Driveway in Middletown. View to the south.

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Picture 6: Ludlow placing lift strap on a section of 20" DIP, to which they connected a 22.5° DI MJ bend. Water tank work zone; view to the southwest.

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Picture 7: Ludlow connecting a section of 20" DIP (with a 22.5° DI MJ bend) to the previously-installed 20" DIP located west of the altitude valve vault at the water tank work zone located east of the Shared Access Driveway in Middletown.

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Picture 8: Ludlow finishing the connection between the previously-installed 20" DIP and the altitude valve vault with ~10' section of 20" DIP. View to the north/northwest.

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Picture 9: Overview of the 16" and 20" DIP that Ludlow installed today to connect the previously-installed 20" DIP to the altitude valve vault. View to the west.