

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 11, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	240
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours: Sunny/overcast. Winds variable 0-14 mph.
 Temperature (°F): High 64°F Low 43°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
United Concrete	3	x	8	Note that some persons			
Farmington Ready Mix	0	x	8	Multiple pieces equipment.			
JTC	0	x	8	Sub-contractor	1	X	8
CT Traffic Control	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Type	#	x	Hrs
Concrete/Asphalt Road Saw	0	x	8
Dump truck	1	x	8
Excavator – Large	1	x	8
Excavator - Mid-Size	0	x	8
Excavator - Rubber Wheeled – Rock	0	x	8
Skid Steer / Bucket Loader	0	x	8
Rolling Compactor	1	x	8
Plate Compactor	1	x	8
Jumping Jack Compactor	1	x	8
Street Sweeper (Broce Broom)	0	x	8
Material Hopper	0	x	8
Pipe saw	0	x	8
Light Tower	0	x	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow installed 8" DIP from the previously-installed 8" DIP on South Main Street in Middletown at Station 750+59 to the interior of the booster station footprint. United Concrete installed fire resistant panels on the inside of the altitude valve vault located east of the Shared Access Driveway in Middletown.

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

Ludlow installed 8" DIP booster station discharge from the previously-installed 8" DIP on South Main Street in Middletown at Station 750+59 to the interior of the booster station footprint.

0725: Ludlow has mobilized to the booster station work zone to installed 8" DIP from the booster station footprint to the previously-installed 8" DIP on South Main Street in Middletown at Station 750+59. Ludlow still has wet burlap on the top of the frost wall while the concrete that was poured yesterday continues to cure.

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0917: Ludlow continues to excavate a trench for the installation of 8" DIP booster station discharge between the booster station and the previously-installed 8" DIP located at Station 750+59. The 8" DIP is being placed on top of 3" of sand, a layer of geofabric, 6" of ¾" gravel, and another layer of geofabric that sits on top of native fill.

1000: USACE and AECOM personnel visit the United Concrete facility in Wallingford, CT, where the booster station that will be placed at Station 750+63 is being fabricated.

1126: Ludlow has installed an 8"x8"x8" M.J. C.L.D.I. TEE and an 8" M.J. gate valve with restrained glands and a thrust block at Station 750+25 at the booster station work zone.

1158: Ludlow is preparing to place a fire hydrant assembly (8"x8"x6" M.J. C.L.D.I. hydrant TEE and a 6" M.J. gate valve) just east of the booster station.

1251: Ludlow has installed the fire hydrant assembly (8"x6" M.J. C.L.D.I. and a 6" M.J. gate valve) just east of the booster station (Station 700+93, Station 750+10).

1348: Ludlow has completed the connection of previously installed 8" DIP located at Station 750+59 to the interior of the booster station footprint. Ludlow has begun to place sand over the DIP they just installed.

1409: Ludlow is installing an 8" DIP 90° bend on the 8" DIP that now protrudes into the booster station footprint.

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

United Concrete installed fire resistant panels on the inside of the altitude valve vault located east of the Shared Access Driveway in Middletown.

0734: United Concrete has three personnel working on installing fire-resistant panels in the interior of the altitude valve vault located east of the Shared Access Driveway in Middletown.

1116: United Concrete continues to install fire-resistant panels in the interior of the altitude valve vault located east of the Shared Access Driveway in Middletown.

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Picture 1: Fire retardant panels that have been installed over 2" insulation at the interior of the altitude valve vault located east of the Shared Access Driveway in Middletown. View to the northeast.

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Picture 2: Trench that Ludlow excavated as they prepare to install 8" DIP booster station discharge between the previously-installed 8" DIP on South Main Street in Middletown at Station 750+59 to the interior of the booster station footprint. Station 750+63 in Middletown. View to the east.

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Picture 3: View of 8" DIP installation located east of the booster station footprint, depicting progress. View to the east; booster station work zone located at Station 750+63 in Middletown.

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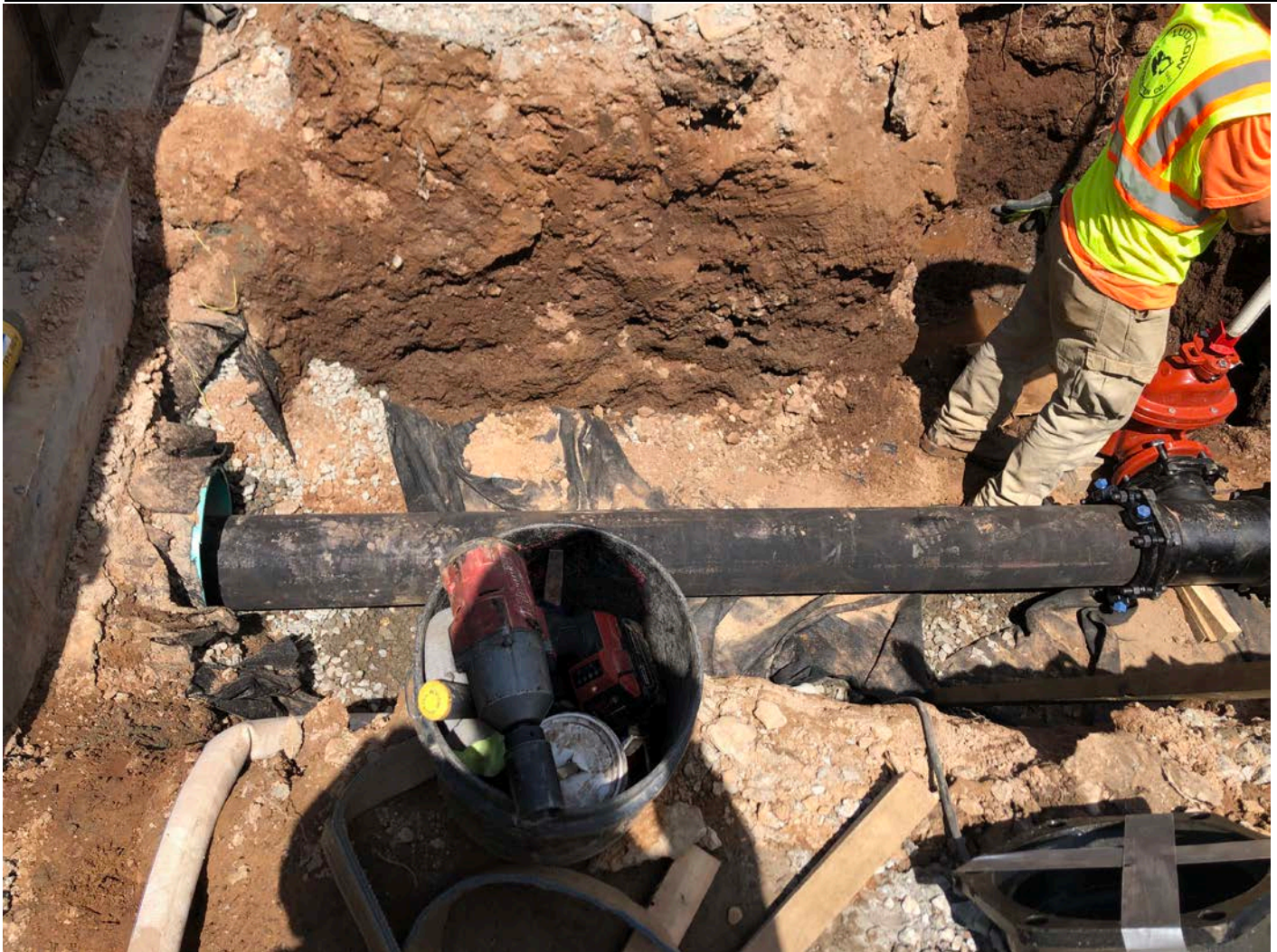


Picture 4: Ludlow in the process of installing an 8"x8"x6" M.J. C.L.D.I. TEE and a 6" M.J. gate valve between the booster station footprint and previously-installed 8" DIP located at Station 750+59 in Middletown. View to the east.

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Picture 5: View of 8" DIP booster station discharge that Ludlow installed today as it passes into a PVC conduit that runs beneath the eastern footing of the booster station in Middletown. View to the north.

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Picture 6: View of 8" DIP that Ludlow installed today between the booster station and previously-installed 8" DIP at Station 750+59 in Middletown, including an 8"x8"x8" M.J. C.L.D.I. TEE and an 8" M.J. gate valve and a fire hydrant assembly (8"x8"x6" M.J. C.L.D.I. hydrant TEE and a 6" M.J. gate valve). View to the east/northeast.

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Picture 7: View of 8" DIP that Ludlow installed today between the booster station footprint and previously-installed 8" DIP at Station 750+59 in Middletown, including an 8"x8"x8" M.J. C.L.D.I. TEE and an 8" M.J. gate valve and a fire hydrant assembly (8"x8"x6" M.J. C.L.D.I. hydrant TEE and a 6" M.J. gate valve). View to the west.

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Picture 8: Ludlow preparing to install an 8" DIP 90° bend on the 8" DIP booster station discharge that now protrudes into the booster station footprint on the east side. View to the east/northeast.

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Picture 9: Ludlow placing sand on top of 8" DIP that they installed today at the booster station work zone in Middletown. View to the west.

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Picture 10: Section of 8" DIP booster station discharge that Ludlow installed on top of an 8" DIP 90° that is restrained with 1" threaded rods per United Concrete drawing A-3. Booster station work zone in Middletown. View to the east.

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