

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 13, 2021
Location:	Booster Station Site, South Main Street, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	242
Contractor:	Ludlow Construction	Page:	1 of 10

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-7 mph.
 Temperature (°F): High 70°F Low 39°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 installed 8" DIP for the booster station suction on the north side of the booster station footprint located at Station 750+63 South Main Street in Middletown.

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

Ludlow installed 8" DIP on the north side of the booster station footprint located at Station 750+63 South Main St. in Middletown.

0739: Ludlow is grading soil on the west side of the booster station footprint located at Station 750+63 in Middletown. Ludlow is also filling minor imperfections on the exterior of the frost wall with grout.

0851: Ludlow begins placing 2" foam insulation panels on the exterior of the frost wall on its north side. Booster station work zone; Station 750+63.

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0938: Ludlow continues to place 2" foam insulation panels on the exterior of the frost wall on its north side. Booster station work zone; Station 750+63.

1055: Ludlow has begun to excavate from the northwest corner of the booster station footprint, working east in order to continue placing 8" DIP. The piping will be installed in an eastern direction towards Station 700+00. Ludlow has installed a section of 8" DIP vertically to the 8" DIP 90° bend that Ludlow installed yesterday at the southwest corner of the booster station footprint (inside the footprint of the booster station). The vertical section of 8" DIP is restrained with four sections of 1" threaded rod that is attached to the 8" DIP 90° bend. A thrust block has been placed on the east side of the 8" DIP 90° bend.

1109: Ludlow has placed 2" foam insulation panels on the north wall and part of the east wall of the booster station frost wall located at Station 750+63 in Middletown.

1145: Ludlow is pumping water from the northwest corner of the booster station footprint into the adjoining woods to the south of the footprint as they prepare to install more 8" DIP.

1213: Ludlow is continuing to install 8" DIP at the northwest corner of the booster station footprint. They are currently placing a ~7 foot section of DIP to the 8" DIP 45° bend they installed yesterday on the northwest corner of the booster station footprint. The ~7' section of 8" DIP also has an 8" DIP 45° bend attached to the east end of the pipe. Connections are being made via mega lug restrained connectors

1237: Ludlow continues to excavate along the north side of the booster station footprint located at Station 750+63 as they continue to install 8" DIP.

1331: Ludlow continues to excavate along the north side of the booster station footprint located at Station 750+63 as they continue to install 8" DIP. Ludlow has begun to place sand and fill over sections of 8" DIP that Ludlow installed today.

1351: Ludlow continues to trench eastwards along the north side of the booster station footprint located at Station 750+63 as they continue to install 8" DIP. They are currently placing 6" of ¾" gravel on top of a layer of geofabric that lies on top of native soil.

1433: Ludlow has installed 8" DIP along the entire north side of the booster station footprint. Ludlow has installed an 8"x8"x6" M.J.C.D.L.I. TEE with a 6" M.J gate valve attached to it. Ludlow is currently placing sand and fill over sections of 8" DIP that Ludlow installed today.

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Picture 1: Ludlow filling minor imperfections on the exterior of the frost wall with grout.

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Picture 2: Ludlow compacting fill along the north side of the booster station with a jumping jack. Booster station work zone located at Station 750+63 South Main St. Middletown. View to the south.

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Picture 3: Section of 8" DIP that Ludlow installed on top of an 8" DIP 90° bend that is restrained with 1" threaded rods per United Concrete drawing A-3. Booster station work zone, Station 750+63, Middletown. View to the west.

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Picture 4: Booster station frost wall with 2" foam insulation panels being placed on the exterior. View to the west; booster station work zone located at Station 750+59 in Middletown.

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Picture 5: Ludlow installing 8" DIP with a 45° bend at the northwest corner of the booster station footprint. View to the southeast; Station 750+59 in Middletown.

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Picture 6: Ludlow placing geofabric and ¾" gravel as they prepare the bedding for the 8" DIP suction they are installing on the north side of the booster station located at Station 750+63. View to the east.

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Picture 7: Ludlow in the process of installing 8" DIP on the north side of the booster station located at Station 750+63. View to the west.

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Picture 8: An 8"x8"x6" M.J. C.D.L.I. TEE with a 6" M.J gate valve that Ludlow installed on the 8" DIP line they are running along the north side of the booster station footprint. View to the north.

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