

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 20, 2021
Location:	S. Main Street, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	247
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-7 mph.
 Temperature (°F): High 81°F Low 48°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	4	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
Barnhart	5	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: John Ewanowski, City of Middletown

Pipe Connections, Installations, and Other Work

Barnhart and United Concrete installed the two sections of the booster station at Station 750+63 South Main Street in Middletown. Ludlow continued earthwork at the water meter building work zone located at Station ~124+80 South Main Street in Middletown.

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

Barnhart and United Concrete installed the two sections of the booster station at Station 750+63 South Main Street in Middletown.

0725: The first half of the booster station has already been delivered to the booster station work zone. United Concrete and Barnhart are preparing for today's installation of the booster station building.

0743: Barnhart delivers a spreader bar to the booster station work zone on a flatbed. There are no detail officers present at this work zone or the water meter building work zone: the Middletown police that were scheduled to provide traffic management at these two work zones didn't show up. Ludlow personnel are currently handling traffic management.

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0802: United Concrete has placed a bead of SikaSwell S-2 (polyurethane-based waterstop) to the top of the frost wall ahead of the placement of the booster station sections that will be placed today.

0816: Barnhart and United Concrete attach the spreader bar to the booster station section.

0837: Barnhart begins the lift the booster station section for placement on top of the frost wall.

1058: United Concrete has delivered the second half of the booster station to the work zone.

1112: Barnhart is in the process of lifting the second half of the booster station into place on top of the frost wall.

1143: Barnhart and United Concrete continue to finesse the placement of the second half of the booster station.

1229: Barnhart is in the process of demobilizing two of the larger counterweights from the site. The second half of the booster station is in place.

1305: United Concrete is running steel cable through the booster station building, running north/south. The cable is being pulled taut and is secured in place with wedges, bringing the two sections of the booster station closer together.

1345: Barnhart is loading more counterweights off the work zone and demobilizing them on a flatbed. United Concrete continues work on the booster station, moving 90° sections of pipe inside the booster station for connection.

1513: United Concrete has two 90° sections of pipe installed inside of the booster station.

Daily Activities – Water meter building work zone, S. Main Street, Middletown

Ludlow continued earthwork at the water meter building work zone located at Station ~124+80 in Middletown.

0716: Ludlow is mobilizing at the water meter building work zone located at ~Station 124+80 to resume earthwork activities.

0855: Ludlow is currently performing earthwork at the water meter building work zone. Excavated fill is being transported to the gravel yard.

1003: Ludlow continues to perform earthwork at the water meter building work zone located at ~Station 124+80 in Middletown.

1440: Ludlow has finished earthwork at the water meter building work zone for the day. The site has been secured with snow fencing.

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Picture 1: View of the booster station after fill was placed and compacted on either side of the trough. Station 750+63, Middletown. View to the west.

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Picture 2: SikaSwell S-2 (polyurethane-based waterstop) that United Concrete applied to the top of the frost wall ahead of the placement of the booster station section placed today.

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Picture 3: SikaSwell S-2 (polyurethane-based waterstop) that United Concrete applied to the top of the frost wall ahead of the placement of the booster station section placed today (view of southeast corner of the frost wall).

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Picture 4: United Concrete positioning the first half of the booster station building as Barnhart performs the lift at the booster station work zone. View to the northwest.

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Picture 5: View of the earthwork being performed by Ludlow at the water meter building located at ~Station 124+80 in Middletown. View to the south.

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Picture 6: United Concrete positioning the second half of the booster station building as Barnhart performs the lift at the booster station work zone. View to the west.

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Picture 7: View of the interior of the booster station, looking to the east. Station 750+63, Middletown.

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Picture 8: View of the interior of the booster station, looking to the west. Station 750+63, Middletown.

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Picture 9: View of the booster station building, looking to the east. Station 750+63, Middletown.

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Picture 10: United Concrete running cable through the two sections of the booster station building. View to the east.

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Picture 11: View of progress at the water meter building work zone located at ~Station 124+80 in Middletown. View to the north.

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Picture 12: DIP elbow that United Concrete has installed on the west side of the booster station building. View to the west/southwest.

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Picture 13: DIP elbow that United Concrete has installed on the east side of the booster station building. View to the east/southeast.