

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 24, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	249
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-10 mph.		
Temperature (°F):	High 66°F	Low 48°F	

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	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	3	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
Barnhart	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

Visitors: Two Eversource representatives and Ludlow's electrical subcontractor.

Pipe Connections, Installations, and Other Work

United Concrete continued with finish work on the booster station located at Station 750+63 South Main Street in Middletown. Ludlow installed a catch basin next to the west side of the water tank at Station 10+25; east of the Shared Access Driveway in Middletown.

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

United Concrete continued with finish work on the booster station located at Station 750+63 in Middletown.

0650: United Concrete is staging at the booster station located at Station 750+63 in Middletown.

0733: United Concrete is working on attaching flashing to the roof of the booster station and sealing the gap between the top of the trough and the underside of the booster station floor. United Concrete is using Harris Construction grout with some Euclid Chemical Speed plug (rapid-setting hydraulic water stop).

Res. Representative:	J. Meunier	Date:	05/24/21
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1007: United Concrete continues to work on the booster station installing flashing along the edge of the roof and other finish work.

1108: United Concrete continues grouting the seam between the trough and the underside of the booster station floor. United Concrete is also continuing to install flashing on the booster station roof.

1307: United Concrete has installed PVC pipe for the booster station sink and are finishing the installation of PVC pipe for the sump pump connection. United Concrete continues to fill the gap between the top of the trough and the underside of the booster station floor with grout.

Daily Activities – Water Tank work zone, Talcott Ridge Drive, Middletown

Ludlow installed a catch basin next to the west side of the water tank at Station 10+25; east of the Shared Access Driveway in Middletown.

0722: Ludlow is mobilizing equipment from the water meter building work zone to the water tank work zone located east of the Shared Access Driveway in Middletown.

0755: Ludlow is setting up to install a catch basin at Station 10+25 on the west side of the water tank located east of the Shared Access Driveway in Middletown.

1025: Ludlow is excavating at the west side of the water tank located east of the Shared Access Driveway for the installation of a catch basin. Ludlow has made a bed of $\frac{3}{4}$ " stone with a layer of geofabric on top of it for the catch basin sump to be placed upon.

1030: Two representatives from Eversource and Ludlow's electrical subcontractor talk with Ludlow as they assess how to bring power to the water tank work zone.

1037: Ludlow has placed the catch basin sump into the excavation located on the west side of the water tank at Station 10+25. Ludlow is currently placing ConSeal tape on the top rim of the catch basin sump.

1045: Ludlow cuts a hole inside of the catch basin being installed next to the water tank to allow for pipe to enter the basin.

1214: United Concrete delivering RCP and other catch basin components to the water tank work zone. Ludlow continues with the installation of a catch basin on the west side of the water tank at Station 10+25.

1258: Ludlow has placed the catch basin on top of the sump and is currently compacting three-quarter inch gravel around the bottom/sides of the catch basin. Once that was done, Ludlow continued backfilling and compacting with -5" fill placed in 1' lifts.

1351: Ludlow is excavating a trench between the catch basin at Station 10+25 and the catch basin located approximately 70 feet northwest of the water tank. Ludlow will connect the two catch basins together with 12" RCP.

1418: Ludlow is installing 12" RCP between the catch basin at Station 10+25 and the catch basin located approximately 70 feet northwest of the water tank. Sand has been placed beneath the RCP for bedding material.

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Picture 1: Ludlow placing a catch basin sump at Station 10+25 into the excavation located on the west side of the water tank in Middletown. View to the northeast.

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Picture 2: Catch basin that Ludlow is preparing to install Station 10+25 into the excavation located on the west side of the water tank in Middletown.

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Picture 3: Ludlow applying ConSeal tape on the top rim of the catch basin sump located at Station 10+25 on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the north.

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Picture 4: United Concrete installing flashing on the booster station roof. Station 750+63 in Middletown.

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Picture 5: The gap between the top of the trough and the underside of the booster station. United Concrete used Harris Construction grout with some Euclid Chemical Speed plug (rapid-setting hydraulic water stop) to fill the gap.

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Picture 6: Catch basin that has just been placed at Station 10+25 on the west side of the water tank located east of the Shared Access Driveway in Middletown. View to the east.

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Picture 7: The east side of the booster station interior where United Concrete has installed PVC for the sink drain, and has completed the PVC discharge connection to the sump pump. View to the east.

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Picture 8: Ludlow beginning to place 12" RCP from the catch basin located at Station 10+25 to another catch basin located approximately 75' northwest of the water tank (on the north side of the Shared Access Driveway). View to the north.

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Picture 9: Ludlow placing 12" RCP from the catch basin located at Station 10+25 to another catch basin located approximately 75' northwest of the water tank (on the north side of the Shared Access Driveway). View to the west.