

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 14, 2021
Location:	S. Main Street and the Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	263
Contractor:	Ludlow Construction	Page:	1 of 12

Weather Conditions

Conditions: Daylight hours: Rain. Winds variable 0-7 mph.
 Temperature (°F): High 70°F Low 59°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
JTC	2	x	8	Note that some persons			
United Concrete	0	x	8	Multiple pieces equipment.			
A&R Electrical	0	x	8				
Barnhart	0	x	8	Sub-contractor	2	X	8
DN Tanks	2	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow worked at the water tank work zone at the east end of the Shared Access Driveway to excavate a trench from the electrical enclosure to ~Station 11+60 where they placed a concrete pad for a transformer. Ludlow also began to assemble sections of rebar for placement over electrical lines that will run from the electrical enclosure west to ~Station 14+50. DN Tanks was present but was not able to perform much work due to heavy rain today. Ludlow placed concrete over utility conduits located on the west and north side of the booster station building.

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

Ludlow placed concrete over utility conduits located on the west and north side of the booster station building.

0730: Ludlow is staged at the Booster Station located at Station 750+63, awaiting the delivery of concrete. The concrete will be placed in two parallel trenches with PVC utility conduits located on the north and west side of the Booster Station.

0831: Ludlow continues to prepare for the concrete pour at the Booster Station. Heavy rain is falling.

Res. Representative:	J. Meunier	Date:	06/14/21
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0930: USACE and AECOM representatives visit the booster station work zone to inspect chairs used for spacing on the PVC conduits and the rebar that was placed over the PVC in the trench located on the north and west side of the booster station.

1100: Ludlow and JTC are at the booster station awaiting the delivery of concrete.

1136: Tilcon delivers a truckload of concrete to the booster station work zone.

1146: Tilcon and Ludlow have started to place concrete in the conduit trench located on the north and west sides of the booster station. Ludlow is using a hand-held vibrator to settle the concrete as it is being placed. A moderate amount of rain is currently falling.

1153: JTC is in the process of collecting field data on the concrete that was delivered to the booster station work zone. They report a slump test of 5.5" and an air entrainment value of 5.7%. JTC also collects five concrete cylinder samples for future laboratory analysis.

1331: A heavy amount of rain is currently falling on the concrete that was placed on at the booster station.

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

Ludlow worked at the water tank work zone at the east end of the Shared Access Driveway to excavate a trench from the electrical enclosure to ~Station 11+60 where they placed a concrete transformer pad. Ludlow also began to assemble sections of rebar for placement over electrical lines that will run from the electrical enclosure west to ~Station 14+50. DN Tanks was present but was not able to perform much work due to heavy rain today.

0740: Ludlow has mobilized to the water tank work zone located east of the Shared Access Driveway in Middletown, where two personnel from DN Tanks are also present.

0900: Ludlow begins to lay out rebar to be fastened and eventually placed over utility conduits on the south side of the Shared Access Driveway. Heavy rain continues to fall.

0955: Ludlow continues to lay out rebar on the north side of the Shared Access Driveway and has begun to connect sections of the rebar together with wire ties.

1027: Ludlow continues to connect sections of rebar together with wire ties on the north side of the Shared Access Driveway. Heavy rain starts again.

1215: Ludlow has begun to excavate a trench south of the Shared Access Driveway from the electrical enclosure to ~Station 11+60 for the installation of electric lines.

1423: Ludlow is installing a concrete transformer pad associated with the electric service being brought up to the electrical enclosure located on the north side of the altitude valve vault. Ludlow continues to connect sections of rebar together with wire ties on the north side of the Shared Access Driveway.

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Picture 1: Bank of conduits located on the north and west side of the booster station with rebar in place, ready for the concrete placement today. View to the south.

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Picture 2: Bank of conduits located on the north of the booster station with rebar in place, ready for the concrete placement today. View to the east.

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Picture 3: Ludlow and Tilcon placing concrete over the bank of conduits located on the north and west side of the booster station. View to the south.

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Picture 4: JTC collecting concrete for field and laboratory analysis at the booster station.

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Picture 5: Ludlow and Tilcon placing concrete over the bank of conduits located on the north and west side of the booster station. View to the east.

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Picture 6: Ludlow and Tilcon placing concrete while Ludlow uses a vibrator to settle the concrete into place over the bank of conduits located on the north and west side of the booster station. View to the east.

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Picture 7: View of the trench that Ludlow has begun to excavate for the installation of 2” and 4” PVC utility conduits on the south side of the Shared Access Driveway. View to the east.

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Picture 8: Concrete that Ludlow and Tilcon placed over the bank of conduits located on the north and west side of the booster station after a heavy downpour. View to the east.

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Picture 9: Ludlow connecting sections of rebar together for placement into the utility trench they are excavating on the south side of the Shared Access Driveway in Middletown. View to the east.

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Picture 10: Concrete transformer pad that Ludlow is installing at ~Station 11+60 for the placement of a transformer to the south of the Shared Access Driveway in Middletown. (Note top slab on ground to the left in the photo) View to the west.

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