

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 7, 2022
Location:	Pickett Lane and Maiden Lane, Durham; S. Main Street and the Shared Access Road, Middletown	Day of Week:	Friday
Project #:	AECOM: 6061487	Report No:	525
Contractor:	Ludlow Construction	Page:	1 of 14

Weather Conditions

Conditions: Daylight hours: Partly cloudy. Wind variable 0-6 mph.
 Temperature (°F): High 72°F Low 49°F

Contractors & Subcontractors Workforce					Equipment in Use							
Trade	#	x	hrs		Trade	#	X	hrs	Type	#	x	hrs
USACE					Ludlow Construction				Concrete/Asphalt Road Saw	0	x	8
Field Engineer	1	x	8		Superintendent	0	X	8	Dump truck	1	x	8
					Safety Officer	1	X	8	Excavator – Large	1	x	8
United Concrete	0	x	8		Foreman	1	X	8	Excavator - Mid-Size	0	x	8
West State Mechanical	0	x	8		Dump truck Operator	1	X	8	Excavator - Rubber Wheeled	0	x	8
Northeast Rigging	0	x	8		Excavator Operator	1	X	8	Skid Steer / Bucket Loader	0	x	8
Grela Well Drilling	0	X	8		Skid Steer/Bucket Loader	1	X	8	Rolling Compactor	0	x	8
Fazzino Plumbing	0	X	8		Laborers	2	X	8	Plate Compactor	0	x	8
United Concrete	0	x	8		Note that some persons operate				Jumping Jack Compactor	1	x	8
Knapp Engineering	0	x	8		Multiple pieces equipment.				Street Sweeper (Broce Broom)	0	x	8
Apuzzo Electric	0	x	8						Material Hopper	0	x	8
Geophysical Applications	0	x	8		Sub-contractor	0	X	8	Cutoff saw	1	x	8
A&R Electrical	0	x	8		Municipal Police Detail	0	X	8	Light Tower	0	x	8
					State Police Detail	0	X	8				

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow installed an 8" gate valve on the discharge line located on the east side of the Booster Station located on S. Main Street, Middletown. Ludlow continued repair work on the southeast corner of the foundation of the 24 Maiden Lane, Durham, residence. Ludlow placed flowable fill around the catch basin they installed on the southeast corner of the intersection of Pickett Lane and Main Street, and in the trench connecting the catch basin to the manhole they installed on 177R Main Street property. Eagle Fence installed a gate on the Shared Access Road at Station ~14+00.

Daily Activities – Installation of a gate valve, Booster Station, Middletown

Ludlow installed an 8" gate valve on the discharge line located on the east side of the Booster Station located on S. Main Street, Middletown.

0727: Ludlow has mobilized to the Booster Station located on S. Main St. in Middletown to install an 8" gate valve on the 8" DIP discharge line located on the east side of the building.

00758: Ludlow is excavating on the east side of the Booster Station to daylight the existing 8" DIP discharge line in order to install an 8" gate valve.

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0859: Ludlow has enlarged the excavation on the east side of the Booster Station and has encountered ground water is flowing into the excavation from underneath the building. Ludlow has set a pump in the excavation and is discharging the groundwater along the fence line located on the south side of the building.

0916: Ludlow has placed a second pump into the excavation located on the east side of the Booster Station and is discharging the water to the south side of the building along the fence line. Ludlow has exposed the 8" DIP discharge line on the east side of the building.

0955: Ludlow is excavating below the 8" discharge line located on the east side of the Booster Station.

1041: Ludlow used a cut-off saw to cut a slit in the 8" discharge line located on the east side of the Booster Station to drain the line before they install an 8" inch gate valve.

1112: Ludlow has cut out a section of the 8" DIP discharge line located on the east side of the Booster Station.

1127: Ludlow just placed a trench box into the excavation they made on the east side of the Booster Station.

1209: Ludlow is in the process of installing an 8" gate valve on the east side of the Booster Station, using Megalug connections on both sides of the valve to secure it in place.

1234: Ludlow is backfilling over the 8" gate valve they just installed on the east side of the Booster Station with sand.

1308: Ludlow is placing 1.25" processed gravel over the sand they placed on top of the 8" valve.

1348: Ludlow is placing loam and grass seed on those areas of the Booster Station work zone that were disturbed during the installation of the 8" gate valve.

1412: Ludlow is placing loam and grass seed at the Booster Station

Daily Activities – Foundation repair, 24 Maiden Lane, Durham

Ludlow continued repair work on the southeast corner of the foundation of the 24 Maiden Lane, Durham, residence.

0717: Ludlow has returned to the 24 Maiden Lane, Durham, residence to excavate down another foot on the southwest corner of the foundation to perform additional sealing of the foundation's exterior.

0751: Ludlow continues to hand-excavate soil on the southwest corner the 24 Maiden Lane residence.

0853: Ludlow continues to hand-excavate soil from around the southwest corner of the foundation of the 24 Maiden Lane residence.

1004: Ludlow is cleaning the portion of the stone foundation they daylighted today at the 24 Maiden Lane residence as they prepare to place portland cement and hydraulic cement.

1030: Ludlow continues to apply portland cement to the southwest corner of the foundation of the 24 Maiden Lane residence.

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1215: Ludlow continues to apply cement to the exterior of the southwest corner of the foundation of the 24 Maiden Lane, Durham, residence.

1252: Ludlow has finished applying portland cement followed by hydraulic cement to the southwest corner of the foundation of the 24 Maiden Lane residence.

Daily Activities – Miscellaneous

- Ludlow placed flowable fill around the catch basin they installed on the southeast corner of the intersection of Pickett Lane and Main Street, and in the trench connecting the catch basin to the manhole they installed on 177R Main Street property.
- Eagle Fence installed a gate on the Shared Access Road at Station ~14+00. According to Ludlow, Eagle Fence installed the gate hinges on Wednesday.

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Picture 1: Ludlow excavating on the east side of the Booster station to install a gate valve on the 8" DIP discharge line. View to the north.

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Picture 2: A pump that Ludlow set into the excavation they made while daylighting the 8" discharge line located on the east side of the Booster Station. View to the west.

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Picture 3: Ludlow placing portland cement on the southwest exterior of the foundation of the 24 Maiden Lane, Durham, residence. View to the north.

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Picture 4: 8" DIP line that Ludlow daylighted on the east side of the Booster Station as they prepare to install an 8" gate valve. View to the north.

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Picture 5: 8" DIP line that Ludlow daylighted on the east side of the Booster Station after having cut out a section of the pipe in order to install an 8" gate valve. View to the south.

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Picture 6: 8" gate valve that Ludlow installed on the 8" discharge line located on the east side of the Booster Station. View to the south.

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Picture 7: Fence that Eagle Fence finished installing near Station 14+00 on the Shared Access Road in Middletown. View to the east.

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Picture 8: Ludlow placing 1.25" processed gravel over the sand they placed on the 8" gate valve they installed on the east side of the Booster Station. View to the north.

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Picture 9: Ludlow compacting the 1.25" processed gravel they placed east side of the Booster Station. View to the northwest.

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Picture 10: Flowable fill that Ludlow placed around the catch basin they installed on Pickett Lane and in the trench connecting the catch basin to the manhole they installed on 177R Main Street property. View to the north.

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Picture 11: Ludlow placing loam and grass seed on those areas that were disturbed during the installation of an 8” gate valve on the east side of the Booster Station. View to the west.

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