

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 6, 2022
Location:	Pickett Lane, Durham	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	524
Contractor:	Ludlow Construction	Page:	1 of 18

Weather Conditions			
Conditions:	Daylight hours: Partly cloudy. Wind variable 0-5 mph.		
Temperature (°F):	High 73°F	Low	54°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	X	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	0	X	8
				Safety Officer	1	X	8
United Concrete	0	X	8	Foreman	1	X	8
West State Mechanical	0	X	8	Dump truck Operator	1	X	8
Northeast Rigging	0	X	8	Excavator Operator	1	X	8
Grela	0	X	8	Skid Steer/Bucket Loader	1	X	8
Fazzino Plumbing	0	X	8	Laborers	2	X	8
United Concrete	0	X	8	Note that some persons operate			
Knapp Engineering	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
Geophysical Applications	0	x	8	Sub-contractor	0	X	8
A&R Electrical	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors:	None.
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Pipe Connections, Installations, and Other Work

Ludlow installed a catch basin at the intersection of Pickett Lane and Main Street and a manhole at the northwest corner of the 177R Main Street, Durham, property.

Daily Activities – installation of catch basin and manhole, Pickett Lane, Durham

Ludlow installed a catch basin at the intersection of Pickett Lane and Main Street and a manhole at the northwest corner of the 177R Main Street, Durham, property.

0745: Ludlow is placing traffic cones in front of the eastbound lane of where Pickett Lane meets Main Street as they prepare to install a catch basin and a manhole.

0817: Ludlow is preparing to saw-cut pavement located at the intersection of Pickett Lane and Main Street in preparation of future paving activities on Pickett Lane.

0918: Ludlow is excavating on the northwest corner of the 177R Main Street property for the installation of a manhole. They have removed an old catch basin at this location and have daylighted two sections of 15" RCP in the process.

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0940: Ludlow is saw-cutting larger holes into the side of the manhole they plan to install on the northwest corner of the 177R Main Street property using a cut off saw.

1000: Ludlow has begun to excavate at the southeast corner of the intersection of Pickett Lane and Main Street for the installation of a catch basin.

1013: Ludlow has placed a bed of ¾" stone at the bottom of the excavation at the southeast corner of the intersection of Pickett Lane and Main Street .

1106: Ludlow is hand-excavating at the southeast corner of the intersection of Pickett Lane and Main Street as they look to identify subsurface utilities within the footprint of the catch basin they plan to install.

1159: Ludlow has excavated to the target depth where they plan to install a catch basin at the intersection of Pickett Lane and Main Street without encountering any subsurface utilities.

1225: Ludlow is in the process of placing the base for the catch basin they are installing at the southeast corner of the intersection of Pickett Lane and Main Street. Ludlow has applied ConSeal tape to the top of the catch basin base. Ludlow placed a bed of ¾" stone on the bottom of the excavation before they placed the catch basin base.

1244: Ludlow is in the process of placing a catch basin riser on top of the base they just installed at the intersection of Pickett Lane and Main Street. Ludlow used brick and cement to close up a hole on the north side of the riser. There is a second hole on the south side of the riser that was left open for the insertion of 15" corrugated polyethylene pipe (CPEP) that they will run from the manhole at the 177R Main Street property into the catch basin.

1248: Ludlow is removing the catch basin riser and base to regrade the bottom of the excavation.

1311: Ludlow has leveled the ¾" stone at the bottom of the catch basin excavation and placed the catch basin base and riser back into the hole.

1320: Ludlow is in the process of setting the lower section of the manhole into the excavation located on the northwest corner of the 177R Main Street property.

1336: Ludlow has installed a section of 15" CPEP to connect the manhole at 177R Main Street to an existing section of 15" RCP located on the west side of the excavation.

1349: Ludlow is placing 15" RCP on the north side of the manhole they just installed on the northwest corner of the 177 Main Street property.

1358: Ludlow is placing brick and mortar around where the 15" CPEP enters the southwest side of the manhole they just installed.

1414: Ludlow is using a cement coring machine to cut a hole in the side of the manhole, directly above where they placed a section of 15" RCP.

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1435: Ludlow has started to run 15" CPEP from the north side of the manhole northwards to the catch basin they just installed at the intersection of Pickett Lane and Main Street.

1447: Ludlow continues to place 15" CPEP from the north side of the manhole northwards to the catch basin they just installed at the intersection of Pickett Lane and Main Street.

1509: Ludlow continues to place 15" CPEP from the manhole catch basin.

1524: Ludlow has finished placing 15" CPEP from the manhole catch basin and has begun to place sand on both sides of the 15" CPEP.

1642: Ludlow has finished installing the manhole on the northwest corner of the 177R Main Street property and has backfilled around it. Ludlow is currently cleaning up the work zone and has placed steel plates over the trench where it crosses the driveway for the 177R Main Street property until they return to finish backfilling.

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Picture 1: Ludlow saw cutting the pavement where Pickett Lane intersects with Main Street in Durham in preparation of upcoming road repair/repaving activities on Pickett Lane. View to the northwest.

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Picture 2: Excavation that Ludlow has begun on the northwest corner of the 177R Main Street property where they will be installing a manhole. View to the northwest.

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Picture 3: Ludlow using a cutoff saw to enlarge the openings in the side of the catch basin they plan to install on the northwest corner of the 177R Main Street property.

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Picture 4: Ludlow setting the base of a catch basin into the excavation they made on the southeast corner of the intersection of Pickett Lane and Main Street, Durham. View to the north.

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Picture 5: The excavation that Ludlow made on the northwest corner of the 177R Main Street property where they have daylighted two existing sections of 15" RCP. Ludlow has also placed ¾" stone on the bottom of the excavation. View to the northwest.

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Picture 6: Ludlow setting the base of a catch basin at the southeast corner of the intersection of Pickett Lane and Main Street in Durham. View to the north.

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Picture 7: The base of the manhole that Ludlow placed into the excavation they made at the northeast corner of the 177R Main Street property. Ludlow has begun to connect the manhole to a section of existing 15" RCP located on the southwest side of the manhole with 15" black corrugated CPEP. View to the northwest.

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Picture 8: Ludlow placing brick and cement around the section 15" black corrugated CPEP they just installed on the southwest side of the manhole they just placed at the northwest corner of the 177R Main Street property. View to the southeast.

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Picture 9: Ludlow coring a hole into the north side of the manhole they just installed on the northwest corner of the 177R Main Street, Durham, property. View to the northwest.

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Picture 10: Ludlow placing brick and cement on the north side of the manhole they installed on the northwest corner of the 177R Main Street, Durham, property to secure a new section of 15" RCP that connects to existing 15" RCP coming into the excavation from the northeast. View to the northwest.

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Picture 11: Ludlow placing brick and cement around 15" CPEP that they ran from the manhole they installed on the 177R Main Street property to the catch basin they installed on the southeast corner of the intersection of Pickett Lane and Main Street. View to the north.

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Picture 12: View of the 15" RCP and CPEP that Ludlow secured with brick and cement on the north side of the manhole they installed on the 177R Main Street property. View to the south.

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Picture 13: Ludlow using a jumping jack to compact the sand they are placing around the 15" CPEP they installed between the manhole on the 177R Main Street property and the catch basin they installed on the southeast corner of Pickett Lane and Main Street, Durham. View to the northwest.

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Picture 14: Ludlow compacting backfill they placed around the manhole they installed today on the northwest corner of the 177R Main Street, Durham, property. View to the west.

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Picture 15: Ludlow placing sand over the 15" CPEP they installed between the manhole on the 177R Main Street property and the catch basin they installed on the southeast corner of Pickett Lane and Main Street, Durham. View to the northwest.