

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	October 6, 2021
<b>Location:</b>	Maiden Lane, Durham; S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Wednesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	337
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 18

### Weather Conditions

Conditions: Daylight hours: Overcast. Winds variable 0-4 mph.  
 Temperature (°F): High 72°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	1	X	8
				Safety Officer	1	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
				Skid Steer/ Bucket Loader	1	X	8
				Laborers	4	X	8
Barnhart	1	X	8	Note that some persons operate			
Fazzino Plumbing	2	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	3	X	8
DN Tanks	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

### Pipe Connections, Installations, and Other Work

Ludlow began construction of a retaining wall on the south side of the Shared Access Driveway in Middletown between Stations 10+83 and 11+34, performed earth work southeast of the water tank, and installed a section of 12" stainless steel air duct onto the water tank. Ludlow performed minor earth work at the booster station located at Station 750+63, grading fill on the east side of the vault. Fazzino Plumbing installed final water service components at 17 and 24 Maiden Lane, and 325 Main Street, Durham.

### Daily Activities – Water tank work zone, Shared Access Driveway, S. Main Street, Middletown

Ludlow began construction of a retaining wall on the south side of the Shared Access Driveway in Middletown between Stations 10+83 and 11+34, performed earth work southeast of the water tank, and installed a section of 12" stainless steel air duct onto the water tank.

0717: Ludlow has mobilized to water tank work zone on the Shared Access Driveway in Middletown to begin earth work related to the construction of a retention wall from Stations 10+83 and 11+34.

0803: Ludlow excavates at Station 11+34 as they begin to shape the slope for the construction of a VERSA-LOK retaining wall.

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0917: Ludlow has excavated and compacted fill on the south side of the Shared Access Driveway between Stations 10+83 and 11+34. Ludlow is using a plate compactor on the fill that will underlie the retaining wall.

0922: Ludlow has just dumped a truckload of 1.5"-minus gravel on the east side of the water tank. Ludlow is excavating soil to the southeast of the water tank and loading it into a dump truck for removal off-site.

1014: Ludlow is placing VERSA-LOK blocks as they begin to construct the retaining wall on the south side of the Shared Access Driveway. The hollow pockets in the block are being filled with 3/4" stone. Ludlow is also using a thin layer of the 3/4" stone as a base to set the blocks upon.

1057: Ludlow continues to construct the retaining wall located between Stations 10+83 and 11+34 at the Shared Access Driveway.

1132: Ludlow continues to construct the retaining wall located between Stations 10+83 and 11+34 at the Shared Access Driveway.

1228: Ludlow continues to construct the retaining wall located between Stations 10+83 and 11+34 at the Shared Access Driveway.

1233: Ludlow continues earth work on the slope located east and southeast side of the water tank. They are excavating soil, live loading it into a dump truck, and trucking it off-site.

1324: Ludlow continues to construct the retaining wall located between Stations 10+83 and 11+34.

1349: Barnhart arrives at the water tank work zone located east of the Shared Access Driveway with a crane. Ludlow's health and safety officer performs a safety check with the crane operator.

1418: Barnhart is in the process of staging the crane for today's lift of a section of 12" stainless steel air duct.

1445: Barnhart has lifted the section of 12" stainless steel air duct and is positioning it into place while two Ludlow laborers using a boom lift prepare to bolt it to the top of the section of 12" air duct that was previously installed on the northeast side of the water tank.

1507: Ludlow is in the process of bolting the section of 12" stainless steel air duct that Barnhart has lifted to the 12" air duct that was previously installed on the northeast side of the water tank.

1521: Ludlow continues to bolt the section of 12" stainless steel air duct that Barnhart has lifted to the 12" air duct that was previously installed on the northeast side of the water tank.

### **Daily Activities – Full water service installation activities, Main Street, Durham**

Fazzino Plumbing installed final water service components at 17 and 24 Maiden Lane, and 325 Main Street, Durham.

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# AECOM

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0903: Fazzino Plumbing is working at the 17 Maiden Lane residence to install final water service components.

1035: Fazzino Plumbing has just finished the installation of final water service components at the residence located at 17 Maiden Lane, Durham.

1118: Fazzino Plumbing is in the process of installing final water service components at the 24 Maiden Lane residence.

1217: Fazzino Plumbing continues working at the 24 Maiden Lane residence for the installation of final water service components.

1311: Fazzino plumbing is mobilizing to the 325 Main Street property for the installation of final water service components.

### **Daily Activities – Miscellaneous, booster station, S. Main Street, Middletown**

Ludlow performed minor earth work at the booster station located at Station 750+63, grading fill on the east side of the building.

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Picture 1: Ludlow grading fill at the booster station located at Station 750+63 on S. Main Street in Middletown. View to the west.

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**Picture 2: Ludlow excavating on the south side of the Shared Access Driveway between Stations 10+83 and 11+34 as they prepare to construct a retaining wall. View to the northeast.**

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**Picture 3: Base that Ludlow has compacted on the south side of the Shared Access Driveway between Stations 10+83 and 11+34 for the placement of VERSA-LOK blocks for the construction of a retaining wall. View to the west.**

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Picture 4: Ludlow placing VERSA-LOK blocks for the construction of a retaining wall on the south side of the Shared Access Driveway between Stations 10+83 and 11+34. View to the northeast.

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**Picture 5: Coaxial cable for the tank radio antenna that was placed inside of the 2" conduit that was installed on the west side of the water tank at the Shared Access Driveway in Middletown.**

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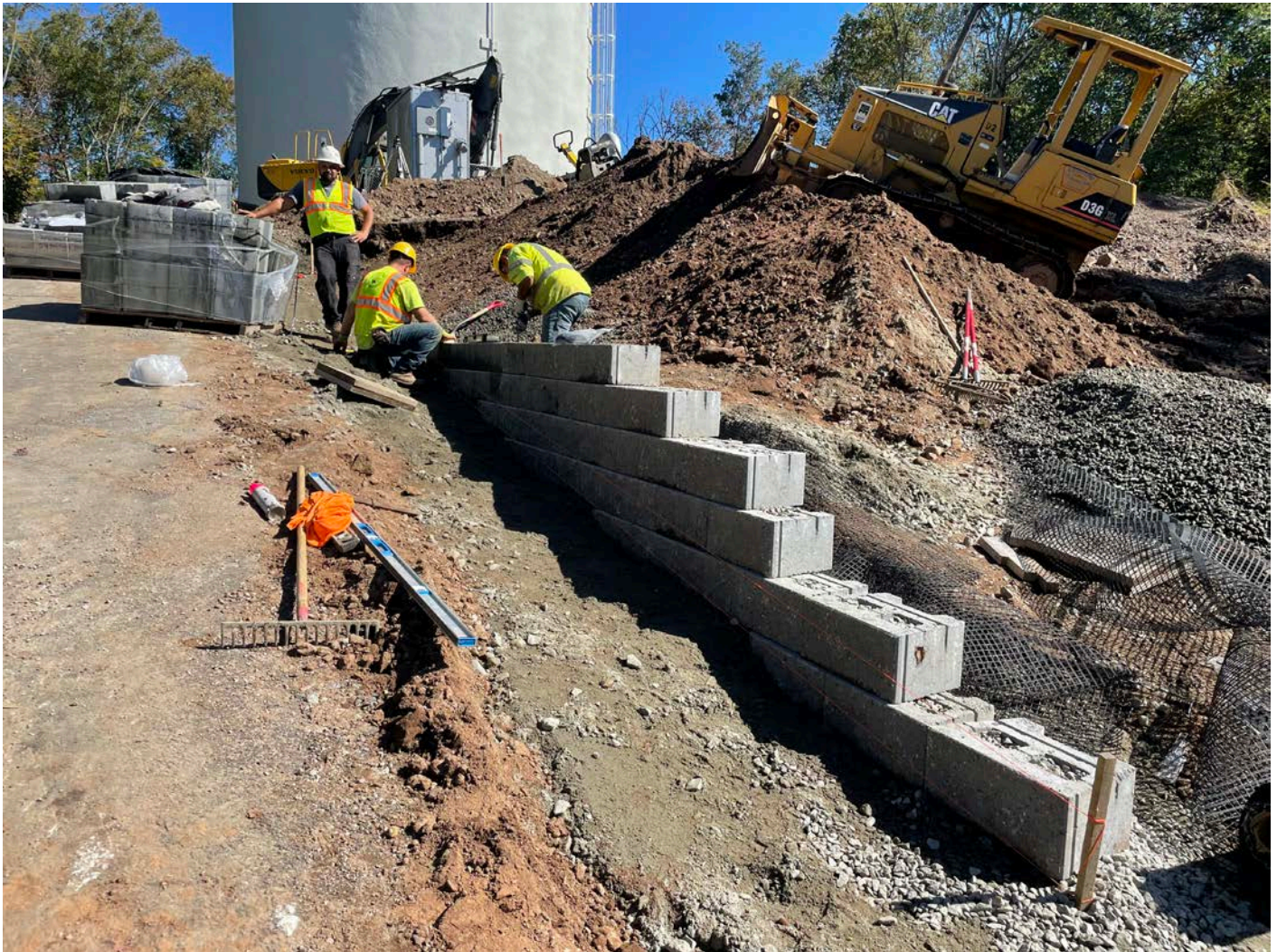
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Picture 6: Ludlow securing VERSA-LOK blocks together with plastic pins as they construct a retaining wall on the south side of the Shared Access Driveway between Stations 10+83 and 11+34. View to the west.

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Picture 7: Ludlow placing VERSA-LOK blocks for the construction of a retaining wall on the south side of the Shared Access Driveway between Stations 10+83 and 11+34. View to the southeast.

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**Picture 8: Ludlow excavating fill on the slope located to the southeast of the water tank. Ludlow is loading the excavated soil into a dump truck for off-site removal. View to the west.**

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**Picture 9: Section of 12" stainless steel air duct that Barnhart will lift with a crane to place on top of 12" stainless steel air duct that was previously installed on the northeast side of the water tank.**

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Picture 10: Expansion joint that was installed today, attached to the section of 12” stainless steel air duct that was installed on top of 12” stainless steel air duct that was previously-installed on the northeast side of the water tank.

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Picture 11: Barnhart lifting a section of 12” stainless steel air duct that will be installed on top of 12” stainless steel air duct that was previously installed on the northeast side of the water tank.

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**Picture 12: Ludlow installing a section of 12” stainless steel air duct on top of 12” stainless steel air duct that was previously installed on the northeast side of the water tank.**

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**Picture 13: Final water service components that Fazzino Plumbing installed at the 308 Main Street, Durham, residence.**

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Picture 14: Final water service components that Fazzino Plumbing installed at the 316 Main Street, Durham, residence.

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**Picture 15: Final water service components that Fazzino Plumbing installed at the 321 Main Street, Durham, residence.**