

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	December 5, 2019
Location:	Talcott Ridge Drive, Middletown CT	Day of Week:	Thursday
Project #:	AECOM: 60445033	Report No:	41
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions			
Conditions:	Daylight hours. Rain changing to clouds, no wind.		
Temperature (°F):	High 53°F	Low	45°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		1	x	8	Dump truck		4	x	8	
					Safety Officer		1	x	8	Excavator - Large		1	x	8	
					Foreman		1	x	8	Excavator - Mid-Size		1	x	8	
					Dump truck Operator		2	x	8	Excavator - Rubber Wheeled – Rock Hammer		0	x	8	
					Excavator Operator		2	x	8	Skid Steer / Bucket Loader		1	x	8	
					Skid Steer/Bucket Loader Op.		1	x	8	Rolling Compactor		1	x	8	
					Laborers		4	x	8	Plate Compactor		1	x	8	
					Total 9 persons + 1 sub. Trucker					Jumping Jack Compactor		1	x	8	
					Note that some persons operate					Street Sweeper (Broce Broom)		1	x	8	
					Multiple pieces equipment.					Material Hopper		1	x	8	
					Sub-contractor					Pipe saw		0	x	8	
					Dump truck Operator		1	x	8	Light Tower		0	x	8	
					Middletown Police Dept.										
					Police Officer Detail		1	x	8						

Visitors:	NONE
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Notes: Tree clearing was also performed today, along with some flushing of water lines on Watch Hill Drive.

Pipe Connections: Ludlow installed one hydrant assembly at Station 147+00 today. They were in the process of placing a second hydrant assembly at the intersection of Route 17 and Little Lane (west side of Route 17) when AECOM departed the Site.

Compaction Testing: No compaction testing was performed today.

Station Adjustments: NA

Other: NA

0730 – Arrive at project trailer. Touch base with Kurt Mintell of the USACE. Chris Stinson of the USACE is also present on Site.

0800 – Ludlow staging at Station 147+00 (for reference, the southern entrance to the Lino’s Market property is located at Station 146+00. A hydrant assembly will be connected to the recently installed 16” DIP water line that runs along the west side of Route 17 southbound via a 6” DIP lateral.

0840 – Ludlow saws through and removes a section of concrete located 4” below the previously saw-cut asphalt. The concrete is reinforced with rebar and no utilities appear to run beneath it.

0906 – Ludlow connects a 14.5’ section of 6” DIP to a valve/restrained Tee fitting that had previously been installed on the 16” water line. The connection is made with a gland/megalug connector. A valve stem is then placed on top of the valve and a protective riser and roadbox is placed over the valve stem.

Res. Representative:	J. Meunier	Date:	12/05/19
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0940 – Ludlow currently flushing water from a hydrant adjacent to 17 Watch Hill Drive.

1010 – Ludlow subcontractor Northern Land Clearing is clearing the water tank site southeast of the cul-de-sac at the top of Talcott Ridge Drive.

1125 – Hot patch has been delivered to Station 147+00 and Ludlow begins to overlay it onto the compacted ¾”-minus gravel below. Chris Stinson noted that soil compaction testing is supposed to be performed every 25’ on a state road such as Route 17. Compaction was not performed at this location. The asphalt arrives at a temperature of 280° (according to an IR heat gun used by Ludlow). The asphalt is placed in two lifts and rolled after each lift with a Champion Super Pac roller.

1215 – Ludlow begins to excavation at the intersection of Route 17 and Little Lane, moving west on Little Lane. A local resident complained that Ludlow was blocking traffic on Little Lane. A State Patrol Officer arrived to sort things out: Ludlow changed the way they were live-loading soil into their trucks as excavation was performed.

1255 – Ludlow connects the 8” DIP to the existing valve with a glands/megalug connector. They will have to place ~20’ more of 8” DIP before running a lateral of 6” DIP to the hydrant assembly that will be installed on the north side of Little Lane.

1315 – Depart site.

Payment Items:

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Figure 1 –Ludlow excavates soil and asphalt at Station 147+00. View to the east.

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Figure 2 – Reinforced concrete located beneath asphalt on Route 17. View to the south.

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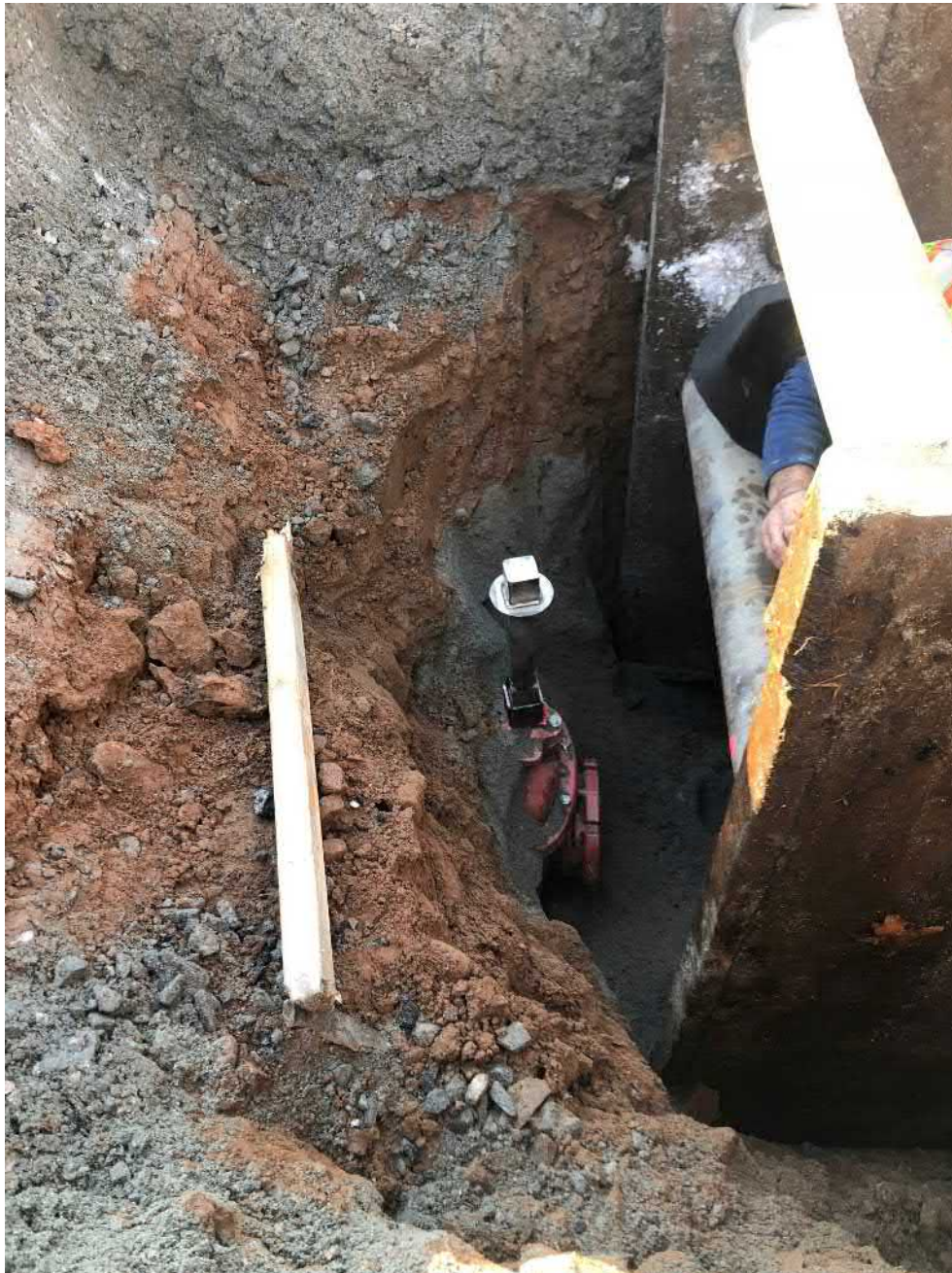


Figure 3 – T fitting and valve assembly located on existing 16” DIP water line: Ludlow will connect 6” DIP to the valve. Station 147+00.

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Figure 4 – Hydrant assembly installed at Station 147+00.

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Figure 5 – Valve box installed to cover newly installed valve stem. Station 147+00; view to the east.

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Figure 6 – Rolling second lift of asphalt at Station 147+00; view to the southeast.

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Figure 7 – Ludlow sub Northern Land Clearing beginning to clear the water tank site southeast of the cul-de-sac at the top of Talcott Ridge Drive.

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Figure 8 – Ludlow installing hydrant on Little Lane near where it intersects with Route 17. View to the northeast

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Figure 9 – Ludlow installing hydrant on Little Lane near where it intersects with Route 17. View to the west.