

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 7, 2021
Location:	Main Street and Maple Avenue, Durham	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	216
Contractor:	Ludlow Construction	Page:	1 of 8

Weather Conditions			
Conditions:	Daylight hours: Sunny. Winds variable 0-8 mph.		
Temperature (°F):	High 70°F	Low 43F	

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	0	x	8
				Foreman	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/ Bucket Loader	0	x	8
				Laborers	1	X	8
				Note that some persons			
DN Tanks				Multiple pieces equipment.			
Superintendent	0	x	8				
Laborers	0	x	8	Sub-contractor	1	X	8
				Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow continued to flush the 16" DIP water line on Main Street in Durham from Talcott Lane south to Old Cemetery Road. In addition, Ludlow shim coated the west side of Maple Avenue to address some minor settling of the trench where the water line was installed last year.

Compaction Testing

Soil compaction testing was not performed today. Compaction test data for soil, concrete, and asphalt can be found under the "Related Links" column on the righthand side of the page of the following link:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

Daily Activities – Flushing of waterlines, Durham

Ludlow continued to flush the 16" DIP water line on Main Street in Durham from Talcott Lane south to Old Cemetery Road. Water was discharged to the storm drain located on the south side of the intersection of Main Street and Old Cemetery Road.

Res. Representative:	J. Meunier	Date:	04/07/21
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Contractor:	Ludlow Construction	Page:	2 of 8

Daily Activities – Shim coating, Maple Avenue, Durham

Ludlow shim coated the west side of Maple Avenue between Old Cemetery Road and Route 68 to address some minor settling of the trench where the water line was installed last year.

0724: Ludlow is preparing to shim coat Maple Avenue in Durham from Route 68 south towards Old Cemetery Road. A subcontractor is present to assist with traffic control.

0837: Ludlow is staged on Maple Avenue waiting for asphalt to be delivered so they can begin to start shim coating.

0958: Ludlow is currently in the process of shim coating the west side of Maple Avenue in Durham, just North of Old Cemetery Road.

1024: Ludlow continues to shim coat the west side of Maple Avenue between Old Cemetery Road and Route 68.

1211: Ludlow continues to shim coat the west side of Maple Avenue between Old Cemetery Road and Route 68.

1301: Ludlow is currently waiting for another load of asphalt to be delivered to Maple Avenue in Durham in order to continue shim coating the west side of Maple Avenue between Old Cemetery Road and Route 68. So far, Ludlow has completed shim coating on Maple Avenue from Old Cemetery Road to 133 Maple Avenue.

Daily Activities – Miscellaneous Issues

0744: AECOM noted waste asphalt staged on the south side of Talcott Lane near the intersection of Maple Avenue in Durham.

0844: Several 4"-8" rills were observed on the slope north of, and adjacent to, the bridge that crosses Allyn Brook on the west side of Maple Avenue. The erosion appears to have happened last fall, prior to when Ludlow placed straw wattles at the top of slope.

0900: USACE and AECOM spoke to a resident of 271 Main Street, Durham and obtained a signature to the US EPA access agreement.

0930: USACE and AECOM spoke to a resident of 257 Main Street to discuss details of the upcoming water service installation.

1100: USACE and AECOM representatives visited the United Concrete Products Inc. facility in Wallingford, CT to inspect the altitude valve vault that will be installed next to the water tank in Middletown.

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Contractor:	Ludlow Construction	Page:	3 of 8



Picture 1: Ludlow directing water purged from the 16" water line on Main Street from Talcott Lane to Cemetery Road, Durham. View to the south.

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Picture 2: Trench box for the altitude valve vault with security fencing placed around it for security. East of the Shared Access Driveway, Middletown. View to the southwest.

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Project #:	AECOM: 6061487	Report No:	216
Contractor:	Ludlow Construction	Page:	5 of 8



Picture 3: Several deep rills were observed on the slope north of, and adjacent to, the bridge that crosses Allyn Brook on the west side of Maple Avenue. View to the northeast.

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Location:	Main Street and Maple Avenue, Durham	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	216
Contractor:	Ludlow Construction	Page:	6 of 8



Picture 4: Ludlow rolling freshly-placed asphalt as they shim coat sections of Maple Avenue between Old Cemetery Road and Route 68. View to the south.

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Contractor:	Ludlow Construction	Page:	7 of 8



Picture 5: Ludlow grading freshly-placed asphalt as they shim coat on the west side of Maple Avenue between Old Cemetery Road and Route 68. View to the north.

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Contractor:	Ludlow Construction	Page:	8 of 8



Picture 6: Tack coat that Ludlow applied to the west side of Maple Avenue as they shim coat sections of Maple Avenue between Old Cemetery Road and Route 68. View to the south.