

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	June 4, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	91
Contractor:	Ludlow Construction	Page:	1 of 7

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-11 mph.
Temperature (°F): High 88°F Low 66°F

Contractors & Subcontractors Workforce					Equipment in Use							
Trade	#	x	hrs		Trade	#	x	hrs	Type	#	x	hrs
USACE					Ludlow Construction				Concrete/Asphalt Road Saw	1	x	8
Field Engineer	2	x	8		Superintendent	0	x	8	Dump truck	5	x	8
					Safety Officer	1	x	8	Excavator – Large	3	x	8
					Foreman	2	x	8	Excavator - Mid-Size	1	x	8
					Dump truck Operator	4	x	8	Excavator - Rubber Wheeled – Rock	0	x	8
					Excavator Operator	4	x	8	Skid Steer / Bucket Loader	1	x	8
					Skid Steer/Bucket Loader	1	x	8	Rolling Compactor	1	x	8
					Laborers	6	x	8	Plate Compactor	1	x	8
					<i>Note that some persons</i>				Jumping Jack Compactor	1	x	8
					<i>Multiple pieces equipment.</i>				Street Sweeper (Broce Broom)	1	x	8
									Material Hopper	1	x	8
					Sub-contractor	1	x	8	Pipe saw	1	x	8
					Municipal Police Detail	0	x	8	Light Tower	0	x	8
					State Police Detail	4	x	8				

Visitors: John Ewanowski, Middletown Water and Sewer Department

Pipe Connections and Installations

Ludlow installed ~126 feet of 8" DIP today on Haddam Quarter Road. This included the installation of an 8" M.J. C.L.D.I. 22.5° bend; a hydrant assembly (8"x6" M.J. C.L.D.I. hydrant TEE with a 6" M.J. gate valve and gate box); a corp stop; and an 8" M.J. gate valve and valve box with an 8" M.J. plug and a 1" air bleed line connected to the 8" M.J. plug via a corporation stop.

Ludlow installed two curb stops today at Stations 135+48 and 137+80.

Additional Information

Yesterday's daily report stated that Ludlow installed two curb stops at Stations 124+05 and 128+50. Ludlow actually installed three curb stops at Stations 124+05 and 128+51, and 132+86.

John Ewanowski was on site today to collect bacteria samples.

Compaction Testing

Compaction testing was performed today. Compaction test data for the project can be found here:

<https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/>

Res. Representative:	J. Meunier	Date:	6/04/20
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In addition, soil compaction data is presented in the Contractor Daily Quality Control Reports located here:

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

Daily Activities – Saw Cutting, Durham

Ludlow performed saw cutting of asphalt on Maiden Lane today.

0707: Ludlow is setting up at the intersection of Brick Lane and Maiden Lane to saw cut pavement on Maiden Lane.

0745: Ludlow is saw cutting pavement from the intersection of Brick Lane and Maiden Lane, heading west towards Main Street up Maiden Lane.

1045: Ludlow has cut one line in the pavement from Brick Lane to Main Street on Maiden Lane.

1234: Ludlow continues to saw cut pavement on Maiden Lane heading west towards Main Street.

1355: Ludlow finishing up with saw cutting of pavement on Maiden Lane for the day.

Daily Activities – Installation of Curb Stops, South Main Street, Middletown

Ludlow installed two curb stops today at Stations 135+48 and 137+80.

0715: Ludlow is hammering pavement on the northbound lane of South Main Street in Middletown at Station 135+48, preparing to place a curb stop. Two state troopers are providing traffic management.

0945: Ludlow is excavating across the northbound lane of South Main Street in Middletown at Station 137+80, where they are placing a curb stop.

1102: Ludlow continues to install 1" curb stop at Station 137+80.

1132: Ludlow continues with the installation of a curb stop at Station 137+80.

1255: Ludlow continues with the installation of a curb stop at Station 137+80.

1336: Ludlow is placing hot patch at the two trenches opened today for the installation of the two curb stops.

Daily Activities – Haddam Quarter Road, Durham

Ludlow placed 8" DIP, two gate valves, and one hydrant today.

0728: Ludlow is setting up on Haddam Quarter Road to place a hydrant and 8" for the installation of a hydrant assembly and an 8" M.J gate valve and valve box.

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0755: Ludlow is beginning to excavate at the intersection of Haddam Quarter Road and the northbound lane of Main Street.

0820: Two state troopers are covering traffic detail duties at the intersection of Main Street and Haddam Quarter Road. Ludlow is preparing to place 8" DIP from Main Street heading east onto Haddam Quarter Road.

0855: Ludlow has installed the first 20' section of 8" DIP at Haddam Quarter Road, connecting to the existing water main.

0905: Ludlow is installing a second 20' section of 8" DIP at Haddam Quarter Road.

1050: Ludlow has just installed an 8"x6" M.J. C.L.D.I hydrant Tee with a 6" gate valve and valve box on Haddam Quarter Road. JTC is present to collect soil compaction data.

1207: Ludlow has a hydrant installed on Haddam Quarter Road.

1320: Ludlow has installed about 54' of 8" DIP after the installation of the hydrant. Near the end of the DIP, Ludlow placed a corp stop on the south side of the pipe. At the end of the 8" DIP, Ludlow installs an 8" M.J. gate valve and valve box with an 8" M.J. plug and a 1" air bleed line connected to the 8" M.J. plug via a corporation stop.

1346: Ludlow is closing up the trench at Haddam Quarter Road. Steve Wright is present from CTDOT. The trench is just about backfilled and awaiting hot patch.

Payment Items:

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Picture 1: Ludlow breaking pavement at Station 135+48 as they begin to install a curb stop. View to the east, northbound lane of South Main Street, Middletown, CT.

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Picture 2: Ludlow in the process of installing a hydrant on Haddam Quarter Road. View to the north, Durham, CT.

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Picture 3: The 8" M.J. gate valve and valve box with an 8" M.J. plug and a 1" air bleed line connected to the 8" M.J. plug via a corporation stop that Ludlow installed on Haddam Quarter Road.

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Picture 4: JTC performing soil compaction testing at Haddam Quarter Road, Durham, CT.

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