

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	1 of 10

Weather Conditions

Conditions: Daylight hours. Sunny/partly sunny. Winds variable 0-13 mph.

Temperature (°F): High 71°F Low 50°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	0	x	8
					Sub-contractor	1	x	8	Pipe saw	1	x	8
					Middletown Police Detail	2	x	8	Light Tower	0	x	8
					State Police Detail	3	x	8				

Visitors:

Antonio Dutchin and Steve Wright, CTDOT
John Ewanowski, City of Middletown Water and Sewer Department

Pipe Connections and Installations

Ludlow placed 16" DIP from ~Stations 194+78 to 195+36 today; a 16"x16"x12" M.J. C.L.D.I. TEE with two 16" M.J. butterfly valves and a 12" M.J. gate valve and gate box at Station 195+26.

Ludlow saw cut pavement on Talcott Ridge Drive and Main Street, Middletown.

Ludlow performed 12" cut backs from edge of patch on Talcott Ridge Drive today from Stations 33+12 to 37+50, and replaced asphalt in two lifts.

Ludlow continued with the placement of 12" DIP today on Pickett Lane between Stations 515+63 and 518+38. In addition, the following were placed: 12" M.J. C.L.D.I. 11 1/4° bends at Stations 517+11 and 516+28; corporation stops at Stations 516+90 and 517+80; and a 12" M.J. R.S. gate valve and valve box at Station 518+38.

Compaction Testing

Compaction testing was performed today on Main Street and Pickett Lane. Soil compaction test data can be found here:

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

Res. Representative:

J. Meunier

Date: 5/18/20

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	2 of 10

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/>

Other

None

Daily Activities – Pressure Testing

Pressure testing was not performed today.

Daily Activities – Shared Access Driveway

Ludlow did not work on the shared access driveway today. Some germination of grass seed was noted on north side of the shared access driveway.

Daily Activities – Talcott Ridge Drive

Ludlow cut back the pavement along previously patched trench work on Talcott Ridge Drive today from Stations 33+12 to 37+50.

0735: Ludlow saw cutting pavement on Talcott Ridge Drive, 12" on either side of the previously-patched the trench. Work started at Station 33+12.

0745: Middletown police have one officer providing traffic detail on Talcott Ridge Drive.

0911: Ludlow continues to saw cut pavement on Talcott Ridge Drive. Another Ludlow crew is peeling back the cut pavement in preparation to apply two lifts of hot patch.

1050: Ludlow beginning to place the first of two lifts of asphalt over the trench on Talcott Ridge Drive, where the pavement was saw cut 12' back from the original edge of the trench. Ludlow has the pavement cut and peeled back down to ~Station 37+50 (142 Talcott Ridge Drive).

1305: Ludlow currently placing hot patch to ~Station 37+50 (142 Talcott Ridge Drive), which is as far as their work will proceed today. Saw cutting ended today on Talcott Ridge Drive at Station 44+20.

Daily Activities – Pickett Lane

Pickett Lane staging areas were inspected. No significant changes in the placement or amount of equipment and materials was noted. Ludlow continued to place 12" DIP on Pickett Lane.

0710: Ludlow is starting to lay 12" DIP on Pickett Lane where they left off at Station 515+63 on May 15, 2020.

Res. Representative:	J. Meunier	Date:	5/18/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	3 of 10

1020: Ludlow just placed a 12" M.J. C.L.D.I. 11 1/4° bend on Pickett Lane at Station 517+11. Another bend was placed at Station 516+28. A corporation stop was placed at Station 516 +90. Ludlow has just placed another 20' section of 12" DIP, bringing pipe placement up to 517+30.

1150: Ludlow continuing to placed 12" DIP on Pickett Lane. So far, they have placed 12" DIP up to Station 517+70. JTC has already collected soil compaction data from two locations on Pickett Lane today.

1325: Ludlow about to install 12" M.J. R.S. gate valve and valve box at Station 518+38. This is as far as Ludlow will place pipe on Picket Lane today.

Daily Activities – South Main Street, Middletown

Ludlow performed saw cutting of pavement on South Main Street in Middletown, CT today.

0752: Ludlow is cutting asphalt on the southbound lane of South Main Street at Station 104+50. The pavement cutting is at locations that will get a service line added some time on the future. One Middletown police officer is providing traffic detail. One lane is closed to traffic.

1037: Ludlow saw cutting pavement at Station 113+10 for future water service.

1257: Ludlow is saw cutting pavement at ~Station 120+00 (in front of Compass Powder Coating).

Daily Activities – Main Street, Durham

Ludlow continued placing 16" DIP today on the southbound lane of Main Street. Traffic detail was provided by CT State Police.

0720: Ludlow resuming work on the south bound lane of Main Street, near where it intersects with Route 68.

0805: Ludlow working on Main Street southbound; picking up at Station 194+78 where they left off on May 15, 2020. Ludlow has just opened a trench at the intersection of Route 68 and Main Street and immediately encountered rock, which they are hammering.

0850: Ludlow has hammered out enough rock to place a trench box between Station 194+78 and 195+00.

1010: Ludlow excavating and hammering rock from Stations 194+78 to 194+95, where they will place a 20' section of 16" DIP. JTC is on site to perform soil compaction tests.

1100: Ludlow continues to hammer rock at ~Station 195+00.

1235: A third State Trooper is positioned on Route 68, assisting with the flow of traffic. Antonio Dutchin and Steve Wright from CTDOT are at the intersection of Main Street and Route 68, where work is proceeding. Ludlow has placed 16"x16"x12" M.J. C.L.D.I. TEE with two 16" M.J. butterfly valves and a 12" M.J. gate valve and gate box at Station 195+26.

1310: Ludlow has finished placing pipe on Main Street today at Station 195+36.

Res. Representative:	J. Meunier	Date:	5/18/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	4 of 10

1345: Ludlow applying hot patch at trench on Main Street from Stations 194+78 to 195+36. End of pipe for this location today is Stations 195+36.

Payment Items:

Res. Representative:	J. Meunier	Date:	5/18/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	5 of 10



Picture 1: Ludlow saw cutting pavement on Talcott Ridge Drive at ~Station 36+50. View to the southeast. Middletown, CT).

Res. Representative:	J. Meunier	Date:	5/18/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	6 of 10



Picture 2: Cut pavement on either side of patched trench on Talcott Ridge Drive. View to the southeast. Middletown, CT.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	7 of 10



Picture 3: Ludlow saw cutting pavement on the southbound side of South Main Street in Middletown, CT. View to the north.

Res. Representative:	J. Meunier	Date:	5/18/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	8 of 10



Picture 4: Ludlow hammering rock encountered beginning at Station 194+78. View to the south. Durham, CT.

Res. Representative:	J. Meunier	Date:	5/18/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	9 of 10



Picture 5: Ludlow placing first lift of hot patch on Talcott Ridge Drive at ~Station 36+00. View to the northwest. Middletown, CT.

Res. Representative:	J. Meunier	Date:	5/18/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 18, 2020
Location:	Pickett Lane, Durham; Main Street, Durham; and shared access road, Middletown, CT	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	79
Contractor:	Ludlow Construction	Page:	10 of 10



Picture 6: Ludlow placing 16"x16"x12" M.J. C.L.D.I. TEE with two 16" M.J. butterfly valves and a 12" M.J. gate valve and gate box at Station 195+26. View to the northeast. Durham, CT.

Res. Representative:	J. Meunier	Date:	5/18/20
-----------------------------	------------	--------------	---------