

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 12

### Weather Conditions

**Conditions:** Daylight hours. Sunny. Winds variable 0-7 mph.  
**Temperature (°F):** High 73°F Low 63°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	2	x	8	Pipe saw	1	x	8
					Municipal Police Detail	2	x	8	Light Tower	0	x	8
					State Police Detail	2	x	8				

**Visitors:** John Ewanowski, Middletown Water and Sewer Department plus 3 other staff from the Department

### Pipe Connections and Installations

Ludlow placed 16" DIP from Stations 205+47 to 207+87 Main Street, Durham today, including corporation stops at Stations 205+71, 205+60, 206+38, and 206+58.

Ludlow continued with the placement of 12" DIP today on Pickett Lane, Durham between Stations 535+97 and 533+77, including the placement of a corporation stop at Station 535+20, a 12" M.J. R.S. gate valve and valve box at Station 534+60; and a hydrant assembly (12"x6" M.J. hydrant TEE with a 6" M.J. gate valve and gate box) at Station 534+30.

Ludlow installed two curb stops today at Stations 115+92 and 116+28 South Main Street, Middletown.

### Additional Data

Ludlow placed an additional curb stop yesterday at Station 113+19. Also, the final Station for placed 12" DIP yesterday was Station 535+97, not 535+00 as stated in yesterday's Daily Report.

### Compaction Testing

Compaction testing was performed today on soils at the work performed on Main Street, Durham. Compaction test data can be

**Res. Representative:** J. Meunier **Date:** 5/29/20

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	2 of 12

found here:

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

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 subcontractor Concrete LLC was on site today saw cutting asphalt at several work zones today.

0915: Ludlow has a subcontractor (Concrete, LLC) cutting pavement at Station 208+75.

1045: Ludlow subcontractor cutting pavement on Pickett Lane at the intersection of Pickett Lane and Main Street.

1126: Saw cutting has been completed from Pickett Lane across the northbound lane of Main Street, Durham.

### Daily Activities – Main Street, Middletown

Ludlow installed two service stops today at Stations 115+92 and 116+28.

0725: Ludlow is currently working at Stations 115+92 and 116+28 to install 1" curb stops at both stations. Traffic management is being provided by two Middletown police officers.

0900: Ludlow has a second trench opened across the northbound land of Main Street at Station 116+28. Ludlow is currently daylighting an 18" corrugated metal storm drain that runs along the eastern side of Main Street.

1020: Ludlow continuing to work on Main Street in Middletown placing curb stops at Stations 115+92 and 116+28. The stops have been installed on the service end of the lines. Ludlow prepares to trench across the southbound lane to connect the 1" copper lines to the main water line via previously installed corp stops.

1140: Ludlow has the trench at Station 115+92 open and is connecting the 1" copper service line to the main waterline. Ludlow has yet to excavate across the southbound lane of Main Street to make the same connection at Station 116+28.

1244: Ludlow has curb stop connected to the main waterline at Station 115+92. Ludlow is currently connecting the 1" copper service line to the corporation stop on the main water line at Station 116+28.

1335: Ludlow is placing and compacting fill in the two trenches on Main Street in Middletown after having placed two curb stops today.

### Daily Activities – Flushing of Water Lines, Middletown and Durham

Middletown Water and Sewer had personnel positioned at the tank pad hydrant, the hydrant at the Talcott Ridge Drive cul-de-sac,

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	5/29/20
-----------------------------	------------	--------------	---------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	3 of 12

and the intersection of Talcott Ridge Drive and Main Street, assisting Ludlow in flushing water lines. Ludlow flushed the line between Little Lane and Winsome Lane.

### Daily Activities – Pickett Lane

Ludlow continued with the placement of 12" DIP today on Pickett Lane between Stations 535+97 and 533+77.

0712: Ludlow is resuming the placement of 12" DIP on Pickett Lane, starting where they left off yesterday at Station 535+97.

0840: Ludlow places a corporation stop on Pickett Lane at Station 535+20.

0959: Ludlow is in the process of installing a 12" gate valve at Station 534+60.

1120: Ludlow has a 12" gate valve installed at Station 534+60, and 12" DIP installed up to Station 534+45.

1220: A hydrant assembly has been installed at Station 534+30, and Ludlow has placed 12" DIP up to Station 534+20.

1320: Ludlow has finished placing 12" DIP for the day at Station 533+77. Ludlow is placing and compacting fill, preparing the trench for closure with hot patch.

### Daily Activities – Main Street, Durham

Ludlow continued placing 16" DIP today on the southbound lane of Main Street from Stations 205+47 to 207+87. Traffic detail was provided by CT State Police.

0705: Ludlow is setting up on the southbound lane of Main Street, Durham to continue the placement of 16" DIP. Two State Troopers are present to provide traffic management.

0814: Ludlow places a 2" corporation stop at Station 205+71. A 1" corporation stop has been installed at Station 205+60.

0915: JTC is on site to perform soil compaction testing. Ludlow has a subcontractor (Concrete, LLC) cutting pavement at Station 208+75. Ludlow has placed 16" DIP up to Station 206+30.

0947: Ludlow has just placed another corporation stop at Station 206+38. Ludlow currently has pipe replaced up to approximately Station 206+48.

1045: Ludlow subcontractor is cutting pavement on Pickett Lane, near the intersection of Pickett and Main. A corporation stop has been placed at Station 206+58. Ludlow has 16" DIP installed up to ~Station 206+65. Ludlow is currently pumping water out of the trench down the side of the road. A silt sock hasn't been installed in the catch basin located at the intersection of Main Street and Old Cemetery Road where the pumped water is running into. AECOM brings the situation to the attention of the USACE and Ludlow. Ludlow takes corrective measures.

1100: Ludlow has placed a piece of filter fabric over the catch basin. The pumped water is running beneath it and into the catch basin. AECOM brings this to the attention of Ludlow, who solve the problem by installing a silt sock.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	5/29/20
-----------------------------	------------	--------------	---------

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	4 of 12

1206: Ludlow has 16" DIP installed up to Station 207+50 on Main Street in Durham.

1340: Ludlow has placed 16" DIP up to Station 207+87 today. Ludlow is placing and compacting fill, preparing the trench for closure with hot patch.

### Payment Items:

**Res. Representative:**

J. Meunier

**Date:** 5/29/20

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	5 of 12



Picture 1: Ludlow hammering pavement and underlying concrete to open up a trench at Station 115+92. View to the east. South Main Street, Middletown, Durham.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	5/29/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	6 of 12



Picture 2: Curb stop and box for the 1" curb stop placed at Station 115+92. View to the east. South Main Street, Middletown, Durham.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	5/29/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	7 of 12



Picture 3: Ludlow subcontractor saw cutting pavement at the intersection of Main Street and Old Cemetery Road in Durham, CT. View to the southwest.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	5/29/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	8 of 12



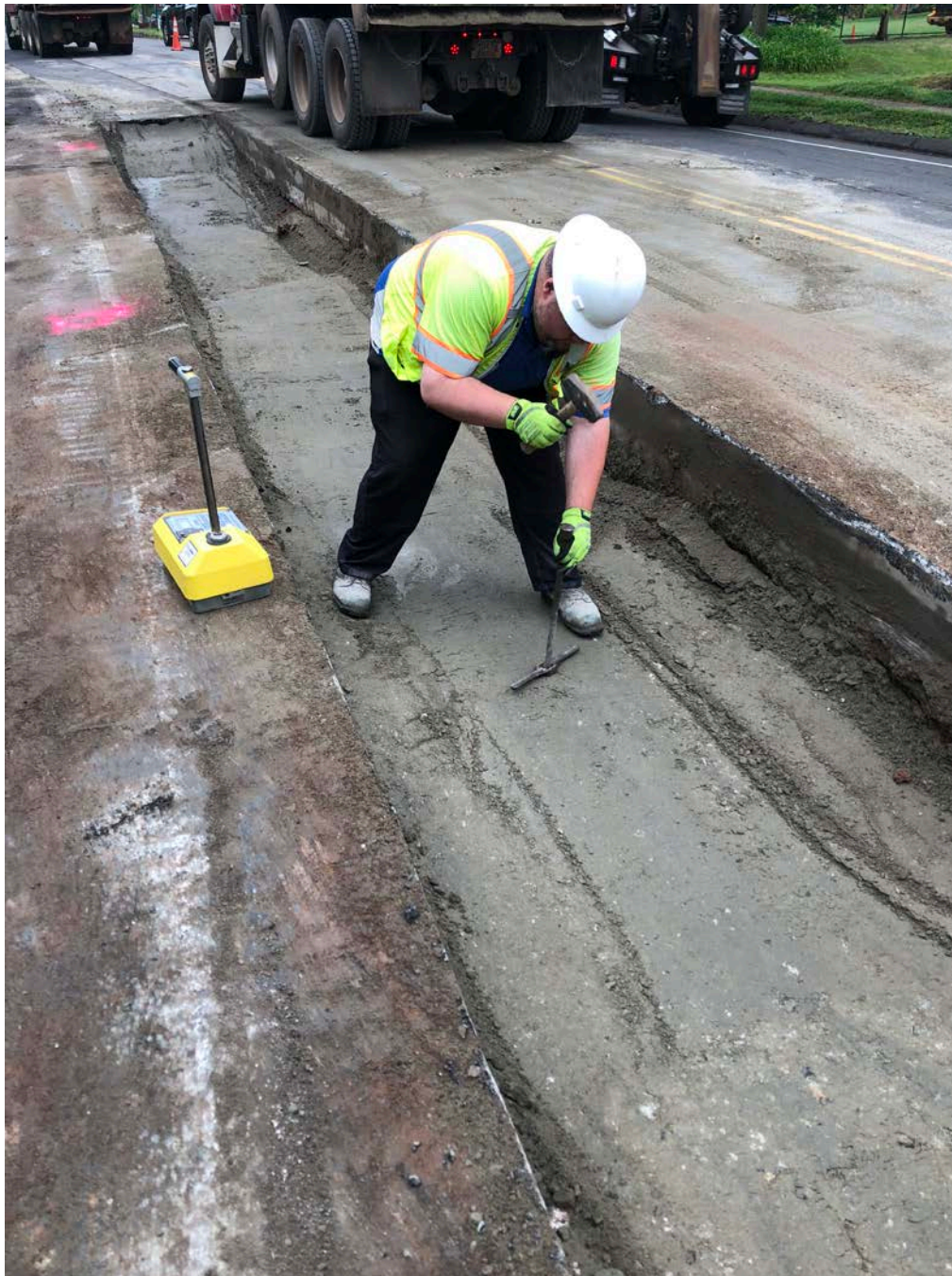
Picture 4: 1" corporation stop placed on 16" DIP for installment at Station 206+38. Main Street, Durham, CT.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	5/29/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	9 of 12



Picture 5: JTC preparing to collect soil compaction data. Main Street, Durham, CT.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	5/29/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	10 of 12



Picture 6: Catch basin on Main Street at ~Station 208+80 where water pumped from excavation was observed to bypass filter fabric. Correction to the issue is depicted in Picture 7 below. Main Street, Durham, CT. View to the south.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	5/29/20
-----------------------------	------------	--------------	---------



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	11 of 12

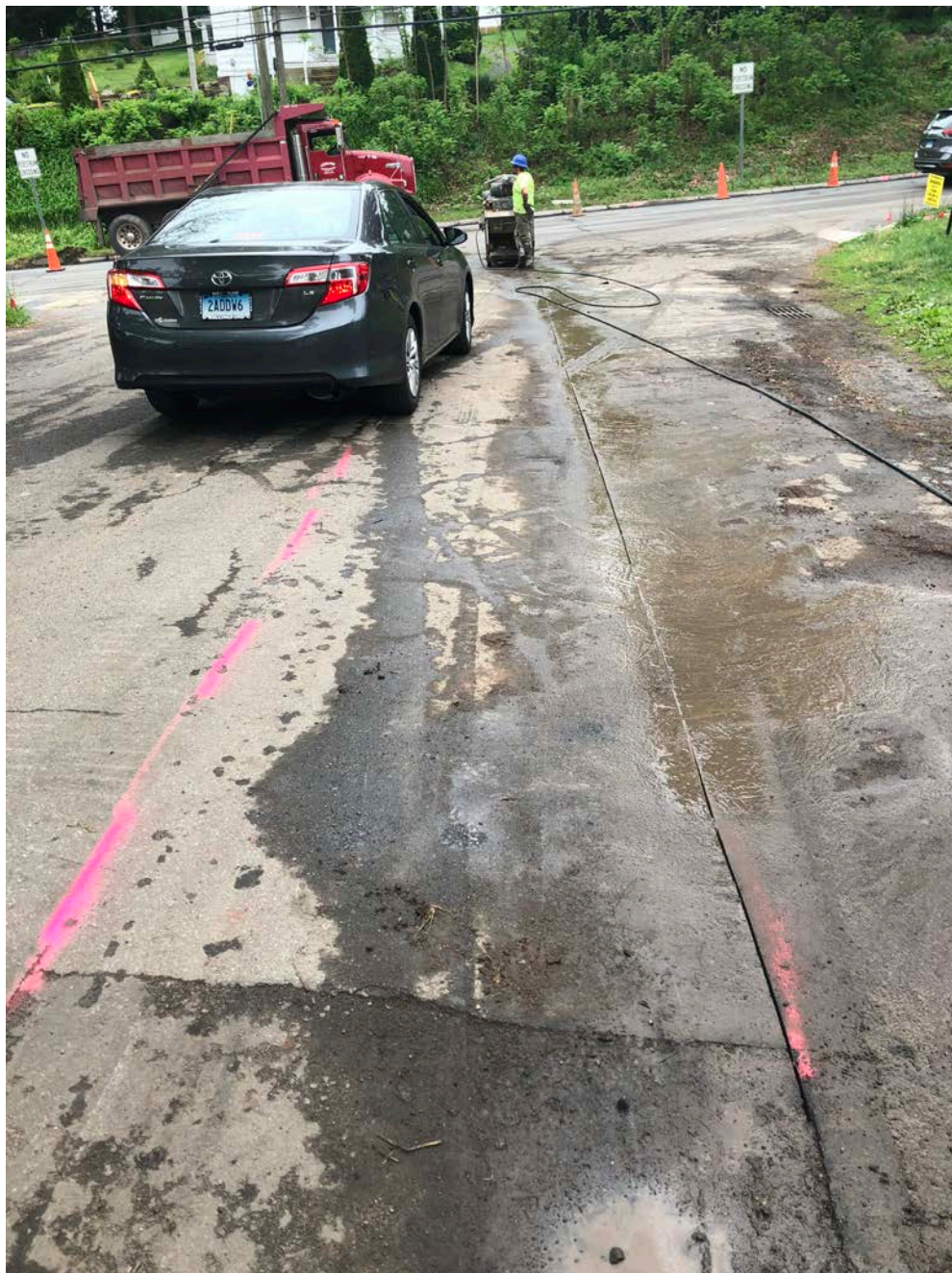


Picture 7: Catch basin on Main Street at ~Station 208+80 after filter fabric was replaced with silt sock. Main Street, Durham, CT. View to the north.



## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 29, 2020
<b>Location:</b>	Pickett Lane, Durham; Main Street, Durham; and Shared Access Road, Middletown;	<b>Day of Week:</b>	Friday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	87
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	12 of 12



Picture 8: Ludlow subcontractor saw cutting pavement at the intersection of Main Street and Pickett Lane in Durham, CT. View to the west.

Res. Representative:

J. Meunier

Date: 5/29/20