

## Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 8, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	175
Contractor:	Ludlow Construction	Page:	1 of 12

### Weather Conditions

Conditions: Daylight hours: partly sunny. Winds variable 0-10 mph.  
 Temperature (°F): High 75°F Low 43F

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	1	x	8	Superintendent	1	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	0	x	8		
				Laborers	6	X	8	Plate Compactor	2	x	8		
				Note that some persons				Jumping Jack Compactor	2	x	8		
DN Tanks				Multiple pieces equipment.				Street Sweeper (Broce Broom)	1	x	8		
Superintendent	1	x	8					Material Hopper	0	x	8		
Laborers	5	x	8	Sub-contractor	3	X	8	Pipe saw	1	x	8		
				Municipal Police Detail	0	X	8	Light Tower	0	x	8		
				State Police Detail	1	X	8						

Visitors: None.

### Pipe Connections, Installations, and Other Work

DN Tanks removed the knee braces from the interior of the water tank.

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 157+25 to 160+25.

Ludlow subcontractor Veilleux saw cut pavement on the southbound lane of Main Street, Durham.

### Compaction Testing

Soil 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/>

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/>

Res. Representative:

J. Meunier

Date: 10/07/20

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Daily Activities – Water tank construction, Shared Access Driveway, Middletown

DN Tanks removed the temporary knee braces from the interior of the water tank.

0813: DN Tanks is preparing to remove knee braces from the interior of the water tank at the water tank work zone located to the east of the Shared Access Driveway, Middletown.

0903: Several knee braces have been removed from the interior of the water tank. DN Tanks is performing a non-permitted confined space entry of the water tank to remove the braces. They have checked the quality of the air inside the tank using a 4-gas monitor before tank entry. Each knee brace weighs is 650 pounds. DN Tanks is using a winch and roller carts to help get the knee braces out of the tank.

1112: DN Tanks is on the process of removing knee braces from the interior of the water tank. They have removed four braces so far.

1306: DN Tanks has removed 12 knee braces from the interior of the water tank.

1316: DN Tanks has just removed another knee brace from the interior of the water tank.

1323: DN Tanks has just removed another knee brace from the interior of the water tank, bringing the total removed to 14.

Daily Activities – Permanent paving of trench cutbacks, Main Street, Durham

Ludlow excavated and paved trench cutbacks on the southbound lane of Main Street, Durham from Stations 157+25 to 160+25.

0755: Ludlow is stripping away asphalt between Stations 157+25 and 160+25 on the southbound lane of Main Street, Durham.

0918: Ludlow continues stripping away asphalt between Stations 157+25 and 160+25 on the southbound lane of Main Street, Durham.

1004: Ludlow has almost finished stripping asphalt back between Station 157+25 and 160+25.

1040: Ludlow has stripped away all pavement between Stations 157+25 and 160+25. Tack coat has been applied to the cut edges of pavement and the base of 1.5" processed gravel has been compacted.

1138: Ludlow has started to place and compact the first lift of asphalt at Station 157+25, working south on the southbound lane of Main Street, Durham .

1156: JTC is present at the trench cutback permanent paving work zone to collect compaction data from first lift of asphalt.

1241: Ludlow is almost finished placing and compacting the first lift of asphalt between Stations 157+25 and 160+25.

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### Daily Activities – Saw cutting of pavement, Main Street, Durham

Ludlow subcontractor Veilleux saw cut pavement on the southbound lane of Main Street, Durham.

0841: Veilleux is setting up Station 190+20 to saw cut pavement on the southbound lane of Main Street, Durham.

0931: Veilleux is saw cutting pavement on the southbound lane of Main Street, Durham, at Station 192+50.

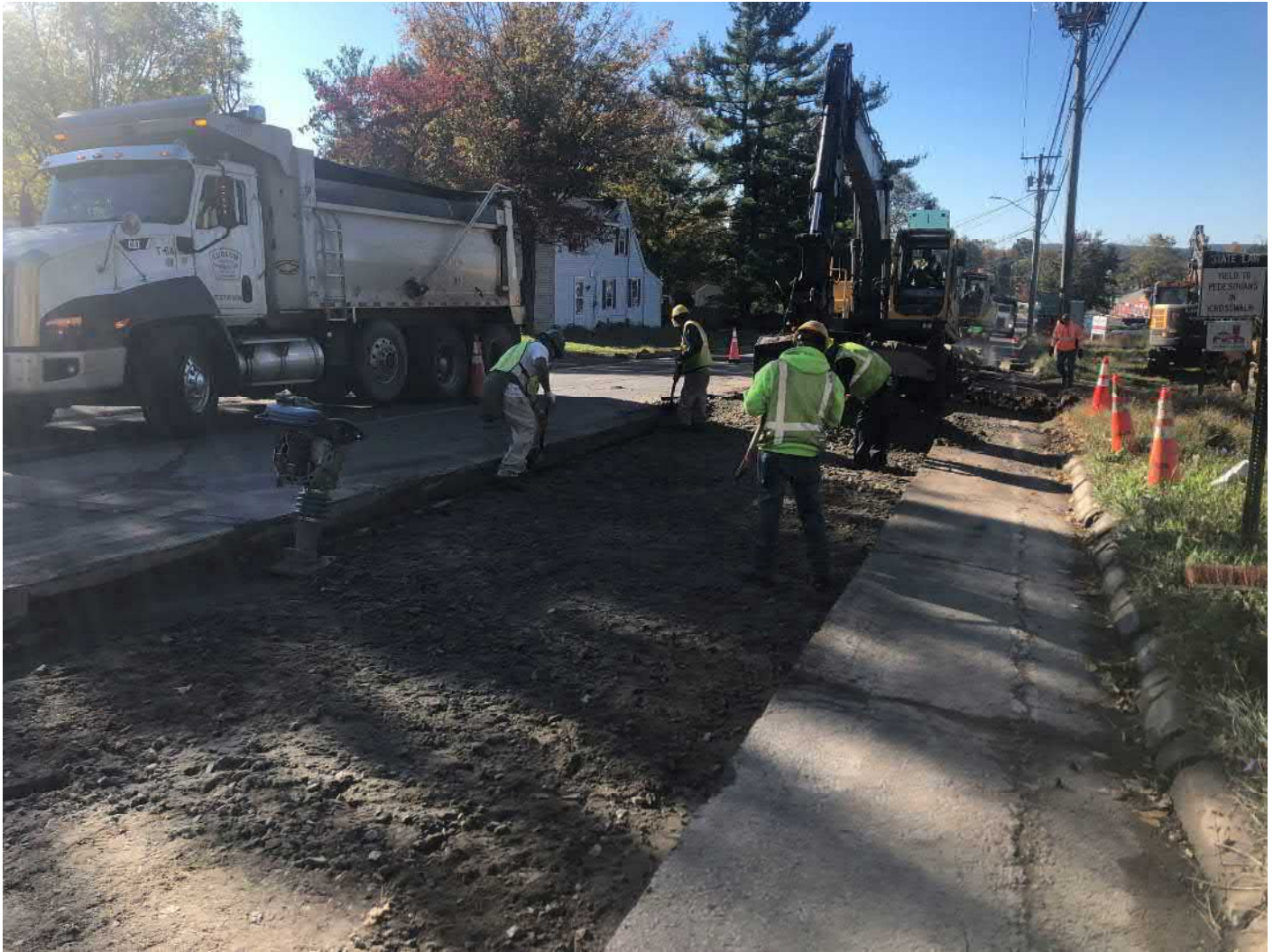
1022: Veilleux continues to saw cut pavement in front of Durham Market at Station 192+50. Saw cutting of pavement on the southbound lane of Main Street started this morning at Station 190+20.

1212: Veilleux's saw cutting has progressed south to the intersection of Main Street and Route 68 on the southbound lane of Main Street, Durham.

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**Picture 1: Ludlow stripping back asphalt and compacting 1.5" processed gravel as they prepare to place permanent paving on the southbound lane of Main Street, Durham. View to the south.**



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**Picture 2: Ludlow stripping back asphalt as they prepare to place permanent paving on the southbound lane of Main Street, Durham. View to the southeast.**



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**Picture 3: Ludlow placing the first of three 3" lifts of asphalt on the southbound lane of Main Street, Durham between Stations 157+25 and 160+25. View to the east.**



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**Picture 4: Ludlow placing the first of three 3" lifts of asphalt on the southbound lane of Main Street, Durham between Stations 157+25 and 160+25. View to the southeast.**



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**Picture 5: Veilleux setting up to saw cut at Station 192+50 on the southbound lane of Main Street, Durham. View to the east.**



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**Picture 6: JTC collecting compaction data from permanent paving at trench cutbacks between Stations 157+25 and 160+25 on the southbound lane of Main Street, Durham. View to the southeast.**



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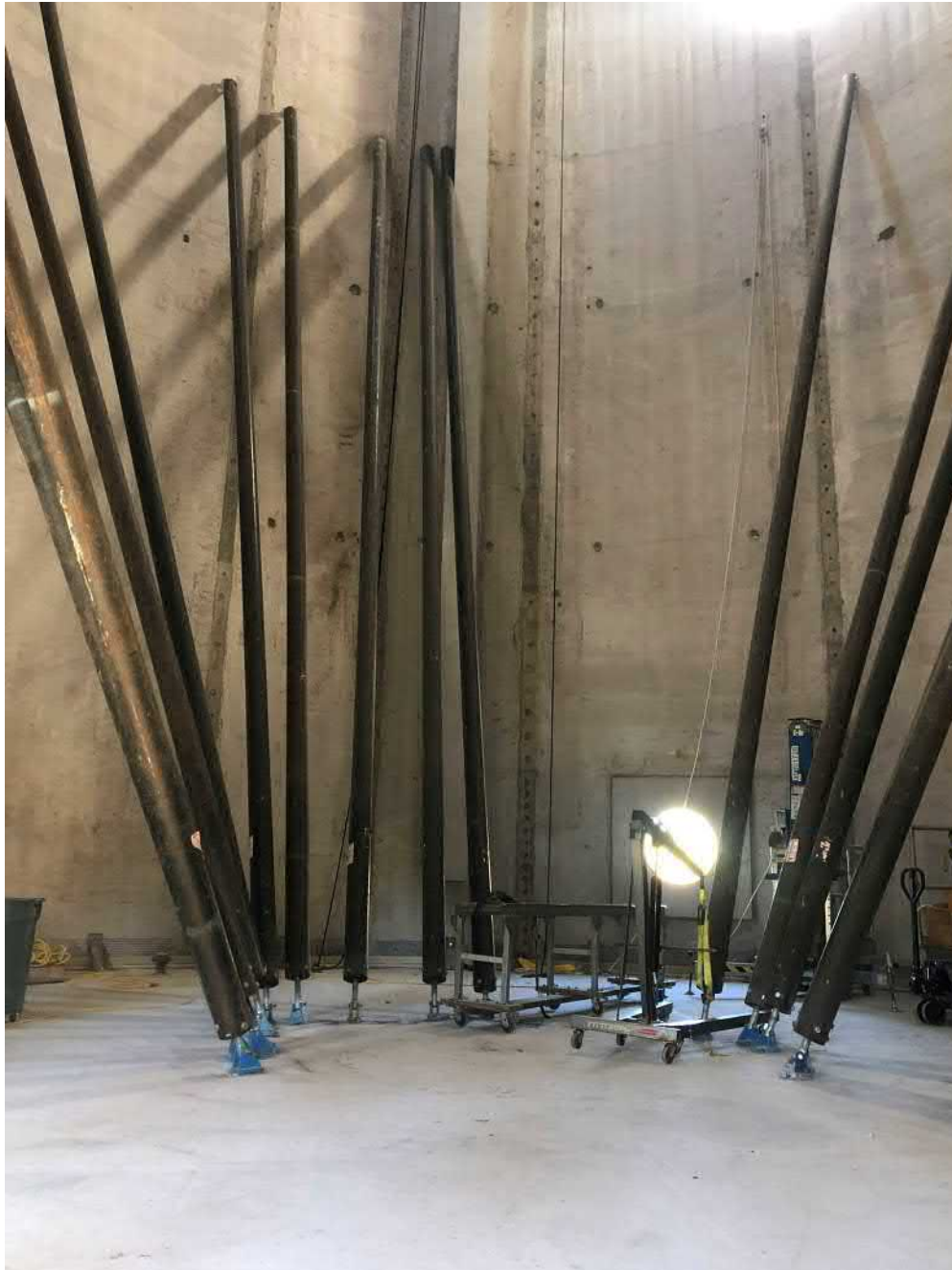


**Picture 7: Signage posted outside of the water tank as they prepare to remove knee braces from the water tank. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the west.**



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**Picture 8: Knee braces inside of the water tank that are being removed today. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the west.**

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**Picture 9: Knee brace being removed from inside of the water tank. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the north.**