

### **Daily Report**

October 26, 2020 Project: **Durham Meadows Pipeline Installation** Date: Monday Day of Week: Location: Main Street, Durham; Shared Access Driveway, Middletown Report No: 187 Project #: AECOM: 6061487 Contractor: **Ludlow Construction** Page: 1 of 8

Weather Conditions

Conditions: Daylight hours: partly sunny. Winds variable 0-2 mph.

Temperature (°F): High 55°F Low 50F

Conti	acto	ors	& Su
Trade	#	Х	hrs
USACE			
Field Engineer	1	Χ	8
DN Tanks			
Superintendent	1	Χ	8
Laborers	5	Χ	8

ipco	bcontractors Workforce				
	Trade	#	Χ	hrs	
	Ludlow Construction				
	Superintendent	1	Χ	8	
	Safety Officer	1	Х	8	
	Foreman	2	Χ	8	
	Dump truck Operator	4	Χ	8	
	Excavator Operator	1	Χ	8	
	Skid Steer/Bucket Loader	1	Χ	8	
	Laborers	6	Χ	8	
	Note that some persons				
	Multiple pieces equipment.				
	Sub-contractor	3	Χ	8	
	Municipal Police Detail	0	Χ	8	
	State Police Detail	0	Χ	8	

Equipment in Use			
Туре	#	Х	hrs
Concrete/Asphalt Road Saw	1	Χ	8
Dump truck	5	Х	8
Excavator – Large	3	Х	8
Excavator - Mid-Size	1	Χ	8
Excavator - Rubber Wheeled – Rock	0	Χ	8
Skid Steer / Bucket Loader	1	Χ	8
Rolling Compactor	0	Χ	8
Plate Compactor	2	Х	8
Jumping Jack Compactor	2	Х	8
Street Sweeper (Broce Broom)	1	Х	8
Material Hopper	0	Х	8
Pipe saw	1	Χ	8
Light Tower	0	Χ	8

Visitors: None.

#### Pipe Connections, Installations, and Other Work

DN Tanks placed shotcrete on the exterior of the water tank.

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 189+00 and 192+70.

Ludlow performed permanent paving for curb stop overcuts on Stations 151+70, 152+25, 153+00, 153+60, 154+65, 156+00 and 156+60 on the northbound lane of Main Street, Durham.

#### Compaction Testing

Soil compaction testing was performed today. All compaction tests observed by AECOM met or exceeded passing criteria. Compaction data will be attached to future Daily Reports once it has been received from Ludlow.

Res. Representative:	J. Meunier	Date:	10/26/20



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

DN Tanks placed shotcrete on the exterior of the water tank.

0730: DN Tanks is performing finish work on the exterior of the tank and are preparing for the delivery of shotcrete. DN Tanks also has both manways of the tank open and are working inside of the tank. Ludlow and DN Tanks is holding a pre-work meeting to discuss the application of a finish coat inside of the water tank later in the week.

0814: Ludlow and USACE personnel discuss confined space entry into the water tank later this week for the application of a finish coat of CIM premix with an activator (diphenylmethane-4,4'-diisocyanate) on the interior of the water tank. Ludlow stated that this material will be placed with rollers and will not be sprayed. DN Tanks plans on having a 4-gas meter on hand to monitor air quality inside of the tank. AECOM suggested that DN Tanks or Ludlow look up the ionization potential for the compounds in the coating material and supplement the 4-gas meter with an appropriately selected photoionization detector (PID).

1014: DN Tanks is placing shotcrete the exterior of the water tank. JTC is present to collect QC samples of the shotcrete.

1039: A second truck of shotcrete (from Farmington Ready Mix) has been delivered to the water tank work zone. DN Tanks is currently applying shotcrete on the exterior of the water tank on the air duct supports.

1226: Connecticut Ready Mix has delivered a third truck of shotcrete to the it up at the site. DN Tanks is applying shotcrete to the side of the tank.

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

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 189+00 and 192+70.

0837: Ludlow continues to do strip pavement from trench cutbacks between Stations 189+00 and 192+70 as part of permanent pavement activities on the southbound lane of Main Street in Durham.

1135: Ludlow has paved sliver slab cutouts between Station 189+00 and 192+70 and are beginning to place first of three 3" lifts of asphalt.

1246: Ludlow continues to place and compact a second lift of asphalt between Stations 189+00 and 192+70 on the curb stop overcuts on the northbound lane of Main Street. Durham.

1306 JTC is collecting compaction data from the second lift of asphalt that Ludlow placed and compacted at Station 189+10 on the southbound lane of Main Street, Durham.

#### Daily Activities – Permanent paving of curb stop cutbacks, S. Main Street, Middletown

Ludlow performed permanent paving for curb stop overcuts on Stations 151+70, 152+25, 153+00, 153+60, 154+65, 156+00 and 156+60 on the northbound lane of Main Street, Durham.

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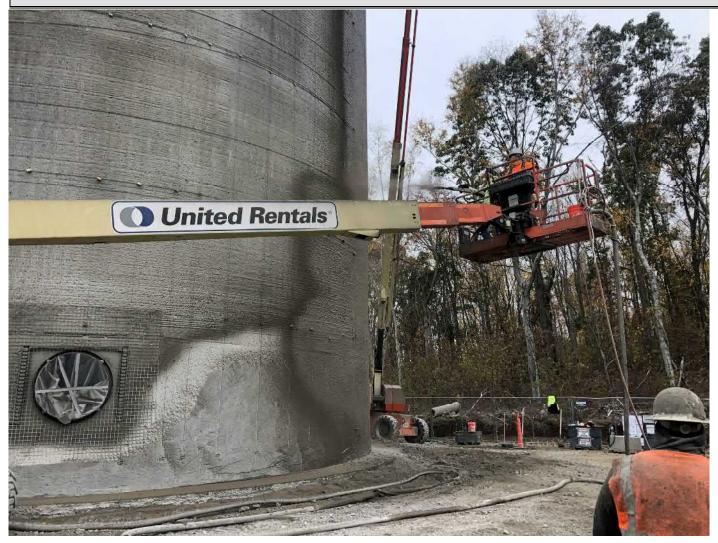


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	laborer and a private flagger providing traffic management as posterior tanks and the land of Main Street, Durham.	part of permanent pavement	t activities on curb
•	cavating pavement from a curb stop overcut located on the nort	thbound lane of Main Street	in Durham. JTC is
	ompaction data once Ludlow places and compacts the first and		
0934: Ludlow conti	nues to excavate pavement from a curb stop overcuts on the no	orthbound lane of Main Stre	et in Durham.
is present and wait excavated pavemen 156+00 and 156+60 1220: Ludlow has p place a second 3" li 1225: JTC is collecti 1328: Ludlow is pla	nues to work on permanent pavement for curb stop overcuts or ing to collect compaction data from asphalt once it has been plant at the following locations for the placement of permanent pact. None of these curb stop overcuts have been paved yet.  Placed and compacted the first of three 3" lifts of asphalt on all stift of asphalt on the curb stop overcuts.  Ing compaction data from a second lift of asphalt that Ludlow placing a second lift of asphalt on the sixth of the seven curb stop of Main Street, Durham.	aced and has cooled to 180°I aving: 151+70, 152+25, 153+0 seven curb stop overcuts. Lulaced at the curb stop overcu	F. Ludlow has 200, 153+60, 154+65, adlow is starting to ut at Station 153+00.
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Picture 1: DN Tanks applying shotcrete to the northeast side of the water tank. Water tank work zone located east of the Shared Access Driveway, Middletown. View to the north.

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Picture 2: Farmington Ready Mix feeding shotcrete into pumper/mixer as DN Tanks applies the shotcrete to the exterior of the water tank. Water tank work zone located east of the Shared Access Driveway, Middletown.

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Picture 3: Ludlow preparing to place first of three 3" lifts of asphalt between Stations 189+00 and 192+70 on the southbound lane of Main Street, Durham. View to the east.

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Picture 4: View of radio antennae supports (left) and ladder supports (right) after application of shotcrete last week. Water tank work zone located east of the Shared Access Road, Middletown.

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Picture 5: JTC collecting compaction data from the second lift of asphalt that Ludlow placed and compacted between Stations 189+00 and 192+70 on the southbound lane of Main Street, Durham. View to the southeast.

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