

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	September 17, 2020
<b>Location:</b>	Maple Avenue, and Main Street, Durham; S. Main Street and the Shared Access Driveway, Middletown	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	161
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### Weather Conditions

**Conditions:** Daylight hours: Sunny. Winds variable 0-3 mph.  
**Temperature (°F):** High 77°F Low 57F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	1	x	8
				Safety Officer	1	x	8
				Foreman	2	x	8
Northeastern Steel				Dump truck Operator	4	x	8
Superintendent	0	x	8	Excavator Operator	4	x	8
Laborers	0	X	8	Skid Steer/ Bucket Loader	1	x	8
				Laborers	6	X	8
				<i>Note that some persons</i>			
DN Tanks				<i>Multiple pieces equipment.</i>			
Superintendent	1	x	8				
Laborers	5	x	8	Sub-contractor	4	X	8
				Municipal Police Detail	1	X	8
				State Police Detail	2	X	8

**Visitors:** None.

### Pipe Connections, Installations, and Other Work

DN Tanks placed P-brackets on the water tank, sandblasted slot panels, and finished deconstructing one of the water tank side panel forms.

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 108+50 to 111+55.

Ludlow installed the following curb stops: 910+43.5, 909+00, and 901+54 (97R Maple Avenue, 95R Maple Avenue, and 10 John's Way, respectively).

Veilleux saw cut pavement for curb stop overcuts on Main Street in Durham.

### Compaction Testing

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

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<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 – Water tank construction, Shared Access Driveway, Middletown**

DN Tanks placed P-brackets on the water tank, sandblasted slot panels, and finished deconstructing one of the water tank side panel forms.

0704: DN Tanks is mobilizing at the water tank work zone east of the Shared Access Driveway. The crane wasn't used yesterday- it is still wrapped in a protective covering of poly sheeting to protect it from the sandblasting that DN Tanks performed yesterday on the sides of the erected water tank side panels.

0908: Four spools of prestressed wire was delivered to the water tank work zone. This wire will be used to wrap around the side panels of the water tank before shotcrete is applied to the sides.

1137: DN Tanks has placed several P-brackets along the top periphery of the water tank.

1353: DN Tanks is sandblasting the slot panels that they have lined up on the welding bed they built yesterday. In addition, DN Tanks has removed the cement bottom to one of the wide side panel concrete forms.

### **Daily Activities – Paving of trench cutbacks, S. Main Street, Middletown**

Ludlow excavated and paved trench cutbacks on S. Main Street, Middletown from Stations 108+50 to 111+55.

0713: Ludlow resumes trench cutback repaving on S. Main St., Middletown at Station 108+50.

0900: Ludlow has asphalt removed from Station 108+50 to Station 111+55 on S. Main Street, Middletown as part of trench cutback repaving activities.

1125: Ludlow is beginning to place and compact the first 3" lift of asphalt as part of the trench cutback repaving activities on S. Main Street, Middletown.

1149: JTC is present to collect compaction data from the freshly-placed asphalt on the trench cutback repaving at S. Main St., Middletown. JTC is using a Troxler 3440 moisture density gauge today.

1257: Ludlow is currently placing and compacting the second 3" lift of pavement. The end station for the trench cutback paving today will be Station 111+55.

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### Daily Activities – Installation of a curb stops, Maple Avenue, Durham

Ludlow installed the following curb stops: 910+43.5, 909+00, and 901+54 (97R Maple Avenue, 95R Maple Avenue, and 10 John's Way, respectively).

0730: Ludlow is excavating for the installation of a 1.5" curb stop at Station 910+43.5. The curb stop will be installed 10.5' from edge of pavement.

0842: Ludlow is installing a 2" curb stop at Station 909+00, bringing service to 95R Maple Avenue, Durham.

1038: Ludlow is excavating on the east side of Maple Avenue at Station 901+54 for the installation of a curb stop. Ludlow is currently hammering rock at this location.

1225: Ludlow is seeding the area where they just installed a curb stop at Station 901+54.

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

Veilleux saw cut pavement for curb stop overcuts on Main Street in Durham.

0720: Ludlow subcontractor Veilleux is setting up to saw cut pavement for curb stop overcuts on Main Street in Durham. Two State troopers are providing traffic management.

0927: Steve Wright from CTDOT passed by the pavement saw cutting activities on Main Street, Durham and observed that Ludlow was washing cuttings into a downgradient drain without a sock or other means to prevent solids from entering the storm drain. He called Kurt Mintell who spoke to Ludlow about correcting this issue.

1113: Veilleux continues to saw cut curb stop overcuts on Main Street in Durham, just south of the intersection of a Little Lane and Main Street.

1341: Veilleux has just finished a curb stop overcut at 148+38 (457 Main Street, Durham). They are now setting up to perform a curb stop overcut at Station 150+10.

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**Picture 1: Slot panels laid out and welded together, waiting to be sandblasted. Water tank work zone, east of the Shared Access Road, Middletown. View to the west.**



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**Picture 2: Prestressing wire that was delivered to the water tank work zone, east of the Shared Access Driveway, Middletown.**



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Picture 3: Tag attached to the prestressed wire that was delivered to the water tank work zone, east of the Shared Access Driveway, Middletown.

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Picture 4: Curb stop that was installed at Station 909+00 (95R Maple Avenue, Durham). View to the northeast.

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**Picture 5: Ludlow hammering rock at Station 901+54 on Maple Avenue for the installation of a curb stop at 10 John's Way.**

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Picture 6: DN Tanks has started to install P-brackets at the top of the water tank. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the east.

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**Picture 7: Ludlow rolling freshly-placed asphalt at the trench cutbacks on S. Main Street in Middletown. Station 109+50. View to the southeast.**

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**Picture 8: Ludlow placing the first of three 3" lifts of asphalt at the trench cutbacks on S. Main Street in Middletown. Station 109+50. View to the east.**

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Picture 9: JTC collecting compaction data from the top of compacted asphalt on S. Main Street, Middletown as part of trench cutback repaving activities. View to the northwest.

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Picture 10: Freshly cut curb stop cutback at Station ~146+50 on Main Street, Durham. View to the west.

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Picture 11: DN Tanks sandblasting slot panels. Water tank work zone, east of the Shared Access Driveway, Middletown. View to the southeast.

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