

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 11, 2020
Location:	Maple Avenue and Maiden Lane, Durham; Shared Access Driveway, Middletown, South Main Street, Middletown	Day of Week:	Friday
Project #:	AECOM: 60614871	Report No:	157
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Weather Conditions

Conditions: Daylight hours: Partly cloudy. Winds variable 0-15 mph.
Temperature (°F): High 78°F Low 64°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	3	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	7	x	8	Sub-contractor	2	X	8
Crane operator	1			Municipal Police Detail	0	X	8
				State Police Detail	1	X	8

Visitors: None.

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Pipe Connections, Installations, and Other Work

No main line pipe installations today.

Ludlow worked on installing water services on Main Street <Billy's crew> and Maple Avenue <Jon's crew>.

DN Tanks initiated installation of tank wall panels at the tank site on the shared access driveway, Middletown.

Compaction Testing

Soil compaction testing was not 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/>

Daily Activities – Water Tank Construction, Shared Access Driveway, Middletown

DN Tanks installed 6 wall panels for the water tank.

0800: DN Tanks holds safety meeting prior to installing tank wall panels.

0830: DN Tanks preparing to lift first tank wall panel.

1000: DN Tanks securing first tank wall panel in place.

1100: Second tank wall panel secured in place, DN Tanks preparing to lift third tank wall panel.

1200: Third panel secured in place adjacent to second panel, temporary braces connecting the two panels. DN Tanks breaks for lunch.

1320: Fourth panel in place, workers setting braces to secure it.

1340: Fourth panel secured, workers preparing to lift fifth panel.

1350: Fifth panel secured, workers preparing sixth panel.

1445: Crane begins to lift sixth panel.

1510: Sixth panel in place, workers setting braces.

1530: Sixth panel secured.

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Daily Activities – Installation of Curb Stops, Main Street, Durham

Ludlow installed curb stops on Main Street between Haddam Quarter Road and Talcott Lane. State Police and flaggers directing traffic on Main Street and side streets.

0945: Ludlow backfilling curb stop at Station 1174+00, east side.

1250: Ludlow is installing curb stop at 328 Main Street (west side), between Stations 1174+50 and 1175+00. They are using a hammer attachment on the excavator to remove shallow ledge adjacent to the water main.

Daily Activities – Installation of Curb Stops, Maple Avenue, Durham

Ludlow completed curb stops from #235 Maple Avenue to the corner of Maple Avenue and Talcott Lane. Maple Avenue is closed for through traffic from Rte 68 to Talcott Lane.

1015: Ludlow has completed curb stops at #244 and #245 Maple Avenue. They will work on #235 Maple Avenue next.

1300: Ludlow has completed curb stops at #235 Maple Avenue and vacant parcel at southeast corner of Maple Avenue and Talcott Lane.

Daily Activities – Saw Cutting for Final Pavement, Main Street, Durham

Subcontractor saw cut on northbound side of Rte 17 (natural gas main) between Acorn Drive and Royal Oak Drive.

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Picture 1: Backfilling curb stop at Station 1174+00 on Main Street, east side. View to the west.

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Picture 2: Installing curb stop at #328 Main Street, Durham, using hammer attachment to remove ledge. View to the east.

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Picture 3: Backfilled curb stop at #245 Maple Street, Durham. View to the east.

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Picture 4: DN Tanks preparing the first tank wall panel for installation. Note rolling bases and guide ropes attached to bottoms of bracing poles, attached lifting cables with ropes for pulling release levers, and more bracing poles staged to the right of the stack of panels. Shared access driveway, Middletown; view to the south.

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Picture 5: Lifting first tank wall panel. Shared access driveway, Middletown; view to the east.

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Picture 6: DN Tanks securing first tank wall panel. Note bracing poles tied into tank base slab. Shared access driveway, Middletown; view to the east.

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Picture 7: Second tank wall panel in place, DN Tanks preparing to lift third tank wall panel. Shared access driveway, Middletown; view to the east.

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Picture 8: Moving third tank wall panel to tank base slab. Shared access driveway, Middletown; view to the northeast.

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Picture 9: Securing base of third tank wall panel. Shared access driveway, Middletown; view to the northeast.

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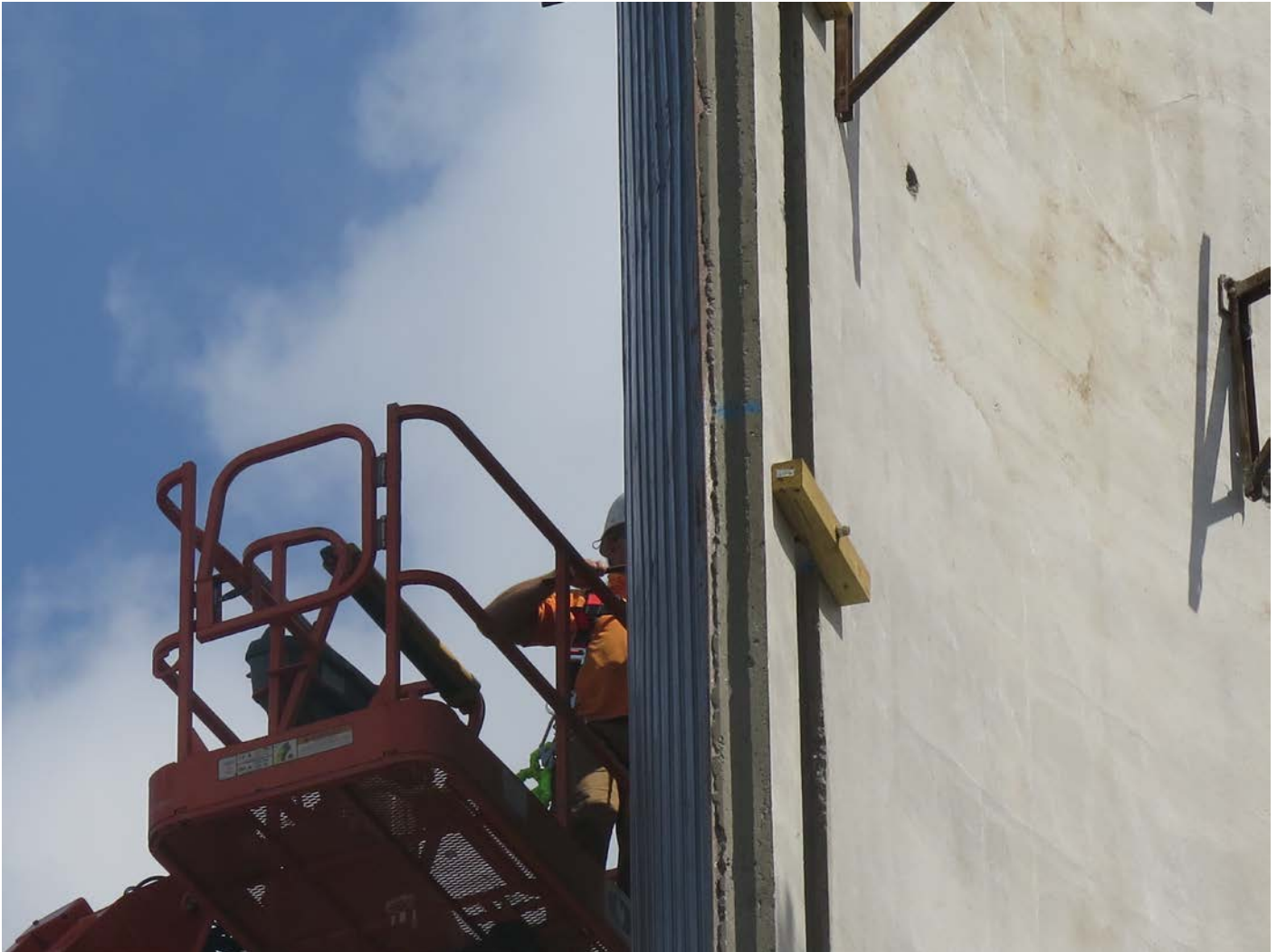
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Picture 10: Worker on raised platform tying upper edges of second and third panels together. Shared access driveway, Middletown; view to the northeast.

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Picture 11: Close-up of worker on raised platform securing wooden bar clamp between second and third tank wall panels. Shared access driveway, Middletown; view to the northeast.

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Picture 12: Fourth tank wall panel in place, preparing to secure upper edges to third panel. Note three bar clamps between second and third panels. Shared access driveway, Middletown; view to the northeast.

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Picture 13: Lifting fifth tank wall panel. Shared access driveway, Middletown; view to the east.

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Picture 14: Placing fifth tank wall panel. Shared access driveway, Middletown; view to the northeast.

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Picture 15: Adding supports to upper end of sixth tank wall panel. Shared access driveway, Middletown; view to the south.

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Picture 16: Attaching bracing poles to sixth tank wall panel. Shared access driveway, Middletown; view to the Northwest.

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Picture 17: Attaching lifting cables to sixth tank wall panel. Shared access driveway, Middletown; view to the west.

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Picture 18: Hammering off loose flakes of concrete from edges of sixth tank wall panel. Shared access driveway, Middletown; view to the west.

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Picture 19: Beginning to lift sixth tank wall panel. Shared access driveway, Middletown; view to the west.

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Picture 20: Positioning sixth tank wall panel on tank slab. Shared access driveway, Middletown; view to the west.

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Picture 21: Securing bracing poles of sixth tank wall panel to tank slab. Shared access driveway, Middletown; view to the northeast.

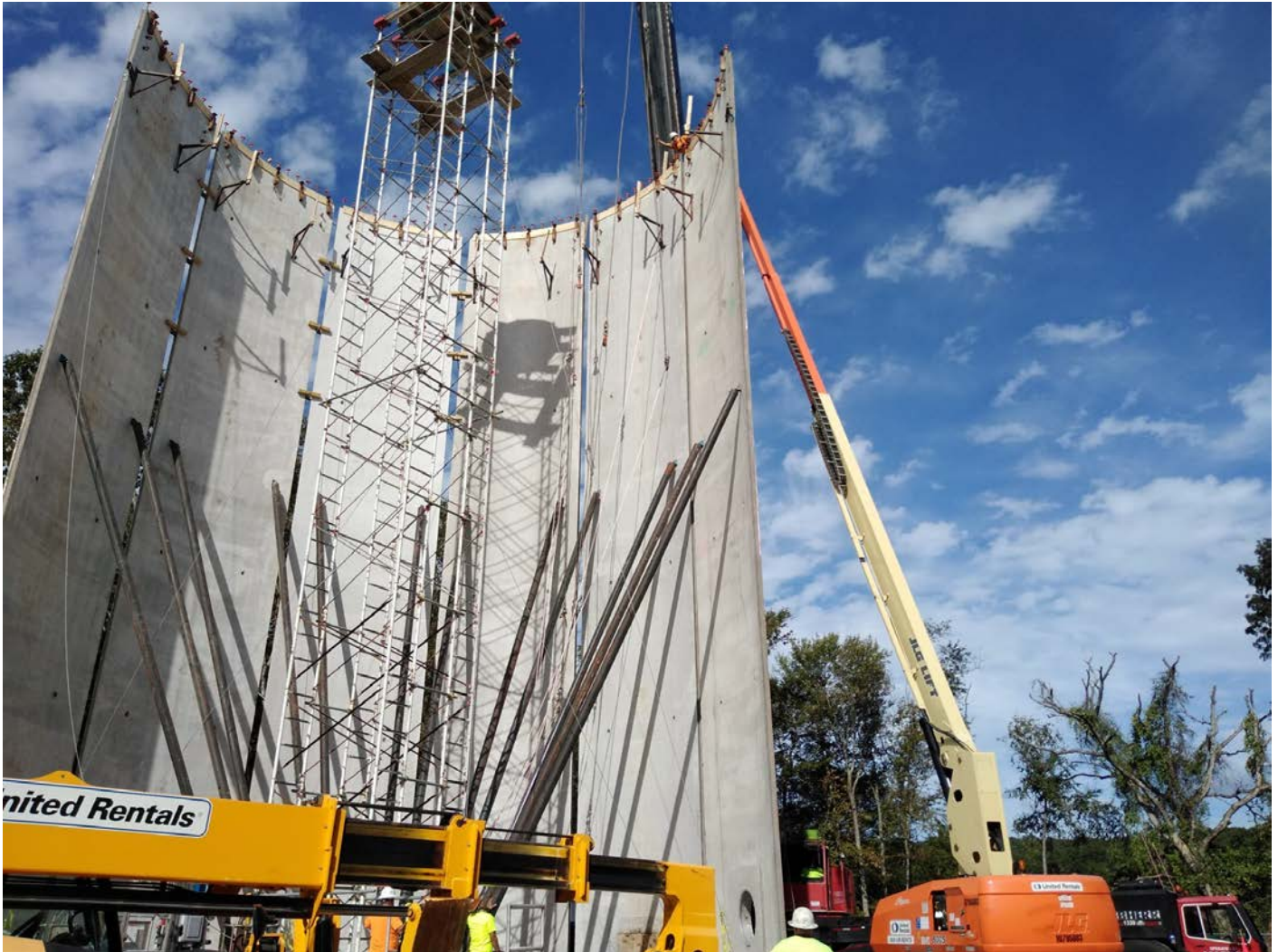
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Picture 22: Removing lifting cables from sixth tank wall panel and securing to adjacent panels. Shared access driveway, Middletown; view to the northeast.

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