

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 7, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	174
Contractor:	Ludlow Construction	Page:	2 of 9

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/>

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

DN Tanks and Barnhart used a crane to adjust the anchor point for the wire wrapping cart on the top of the water tank and prepare to remove knee braces from the interior of the water tank.

0758: Barnhart has mobilized a small crane to the water tank work zone to assist DN Tanks in adjusting the anchor point for the wire wrapping cart. Shotcrete was not applied to the wire wrapped around the sides of the water tank yesterday. Ludlow stated that the shotcrete was cancelled as it would interfere with the adjustment of the anchor point today.

0921: DN Tanks and Barnhart are using the crane to adjust the anchor point for the wire wrapping cart on the top of the water tank.

0932: The USACE and AECOM met with Ludlow at the water tank work zone to perform a safety check. No major issues were identified.

0945: DN Tanks is moving several knee braces that were staged outside of the water tank. DN Tanks is scheduled to begin removing the knee braces inside of the water tank tomorrow. DN Tanks and Barnhart continue to use the crane and a boom lift to adjust the anchor point for the wire wrapping cart on the top of the water tank.

1047: DN Tanks and Barnhart continue to use the crane and a boom lift to adjust the anchor point for the wire wrapping cart on the top of the water tank.

1305: No activity currently underway at the water tank work zone.

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

Ludlow excavated and paved trench cutbacks on Main Street, Durham from Stations 154+25 to 157+25.

0744: Ludlow is in the process of stripping pavement for trench cutback permanent paving between Stations 154+25 and 157+25.

0824: Ludlow continues to strip pavement on the southbound lane of Main Street, Durham, from Stations 154+25 to 157+25.

1005: Ludlow has removed pavement from Stations 154+25 to 157+25. Tack coat has been placed on the edges of cut pavement as they are preparing for the placement of the first of three 3" lifts of asphalt.

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1129: Ludlow is placing and compacting the first lift of asphalt between Stations 154+25 and 157+25 on the southbound lane of Main Street, Durham.

1143: Ludlow continues to place and compact the first lift of asphalt between Stations 154+25 and 157+25 on the southbound lane of Main Street, Durham.

1218: JTC is collecting compaction data from the first lift of asphalt that Ludlow placed between Stations 154+25 and 157+25.

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Picture 1: Small crane from Barnhart that DN Tanks had mobilized to the water tank work zone east of the Shared Access Road to assist with wire wrapping activities. View to the north.

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Picture 2: 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 3: Ludlow using a Jumping Jack to compact 1.5” processed gravel as they also remove asphalt in preparation for the placement of permanent paving on the southbound lane of Main Street, Durham. View to the southeast.

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Picture 4: Barnhart operating crane to assist in DN Tanks in adjusting the anchor point for the wire wrapping cart on the top of the water tank. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the northeast.

Res. Representative:

J. Meunier

Date: 10/07/20

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Picture 5: Ludlow has asphalt removed from trench cutback work zone and has compacted 1.5” processed gravel as they prepare to place permanent paving on the southbound lane of Main Street, Durham. View to the southeast.

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Picture 6: Knee braces in place inside of the water tank. Water tank work zone located to the east of the Shared Access Driveway, Middletown. View to the northeast.