

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 26, 2020
Location:	Main Street, Durham; Shared Access Driveway, Middletown	Day of Week:	Monday
Project #:	AECOM: 6061487	Report No:	187
Contractor:	Ludlow Construction	Page:	2 of 8

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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0803: Ludlow has a laborer and a private flagger providing traffic management as part of permanent pavement activities on curb stop overcuts on the northbound lane of Main Street, Durham.

0852: Ludlow is excavating pavement from a curb stop overcut located on the northbound lane of Main Street in Durham. JTC is present to collect compaction data once Ludlow places and compacts the first and second lifts of asphalt on the curb stop overcuts.

0934: Ludlow continues to excavate pavement from a curb stop overcuts on the northbound lane of Main Street in Durham.

1059: Ludlow continues to work on permanent pavement for curb stop overcuts on northbound lane of Main Street, Durham. JTC is present and waiting to collect compaction data from asphalt once it has been placed and has cooled to 180°F. Ludlow has excavated pavement at the following locations for the placement of permanent paving: 151+70, 152+25, 153+00, 153+60, 154+65, 156+00 and 156+60. None of these curb stop overcuts have been paved yet.

1220: Ludlow has placed and compacted the first of three 3" lifts of asphalt on all seven curb stop overcuts. Ludlow is starting to place a second 3" lift of asphalt on the curb stop overcuts.

1225: JTC is collecting compaction data from a second lift of asphalt that Ludlow placed at the curb stop overcut at Station 153+00.

1328: Ludlow is placing a second lift of asphalt on the sixth of the seven curb stop overcuts that Ludlow excavated today on the northbound lane of Main Street, Durham.

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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.