

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	May 12, 2021
Location:	Main Street, Durham and the Booster Station Site, South Main Street, Middletown	Day of Week:	Wednesday
Project #:	AECOM: 6061487	Report No:	241
Contractor:	Ludlow Construction	Page:	2 of 12

0847: Ludlow is currently dewatering the booster station footprint at the southwest corner and is discharging water into the adjoining woods to the south as they install 8" DIP.

0927: Ludlow is preparing to install 8" DIP through the 16" PVC conduit located on the southwest corner of the booster station footprint located at Station 750+63 in Middletown.

1034: Ludlow has installed 8" DIP through the 16" PVC conduit located on the southwest corner of the booster station footprint. Ludlow has installed an 8" DIP 90° bend onto the 8" DIP they placed through the PVC conduit; the bend is pointing upwards on the inside of the booster station footprint. In addition, Ludlow has installed an 8" DIP 90° bend to the same piece of 8" DIP on the exterior of the booster station footprint. The DIP bend points north on the exterior of the footprint.

1055: Ludlow is in the process of placing a section of 8" DIP coming off the 90° bend at the exterior of south west corner of the booster station footprint and extending to the north towards the northwest corner of the footprint. Ludlow has installed an 8" DIP 45° bend at the north end of the section of 8" DIP they just installed on the west side of the booster station footprint.

1246: Ludlow has covered the 8" DIP they just installed with native fill (-5" gravel) and compacted it with a jumping jack. Ludlow is currently removing the concrete forms from the sides of the booster station frost wall.

1407: Ludlow has removed approximately ¾ of the concrete forms from the sides of the booster station frost wall.

Daily Activities – water tank work zone, Shared Access Driveway, Middletown

United Concrete worked on removing damaged caulking between the two pieces of the pressure reducing valve vault roof located at ~Station 161+40 Main Street in Durham.

1233: Two personnel from United Concrete are working at the pressure reducing valve vault, removing caulking from the seam located between the two halves of the vault roof.

1310: United Concrete continues to remove damaged caulking from the pressure reducing valve vault located at ~Station 161+40. United Concrete indicated that they would come back some time in the future to remove additional caulking. United Concrete stated that they had to pump approximately 5" of standing water from the vault this morning. There are concerns about the vault components being affected by the humidity in the vault: the USACE representative spoke to Ludlow about getting a dehumidifier working inside of the vault.

Res. Representative:	J. Meunier	Date:	05/12/21
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Picture 1: View of the southwest interior corner of the booster station footprint that was excavated to daylight the previously-installed PVC conduit for the installation of 8" DI booster station suction pipe. View to the southwest.

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Picture 2: View of the southwest interior corner of the booster station footprint, where Ludlow has installed 8" DIP through the 16" PVC conduit that runs beneath the western footing of the booster station. Also visible is the 90° bend that Ludlow attached to the east side of the 8" DIP (the bend is facing upwards in the photograph). Booster station work zone located at Station 750+63 South Main St. Middletown. View to the west.

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Picture 3: View of 8" DIP installation beneath the western footing of the booster station, with an 8" DIP 90° bend attached to it. View to the east; booster station work zone located at Station 750+63 South Main Street in Middletown.

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Picture 4: Ludlow in the process of installing a section of 8" DIP to the 8" DIP 90° bend that they just installed at the southwest exterior corner of the booster station footprint. View to the northeast; booster station work zone located at Station 750+59 South Main Street in Middletown.

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Picture 5: Ludlow used a jumping jack to compact fill that was placed over the 8" DIP that they just installed to the west of the booster station footprint. View to the southeast; booster station work zone located at Station 750+59 in Middletown.

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Picture 6: Ludlow beginning to remove concrete forms from the northwest corner of the booster station frost wall. View to the southeast.

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Picture 7: View of booster station frost wall with most of the concrete forms removed. View to the southwest.

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Picture 8: Caulking on the seam between the two sections of the pressure reducing valve vault located at ~Station 161+40 Main Street Durham.

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Picture 9: United Concrete removing damaged caulking from the seam between the two sections of the pressure reducing valve vault located at ~Station 161+40 Main Street Durham. View to the west.

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Picture 10: View of the seam located between the two sections of the pressure reducing vault located at ~Station 161+40 with some of the caulking removed.

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