

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	October 28, 2019
Location:	Talcott Ridge Drive, Middletown CT	Day of Week:	Monday
Project #:	AECOM: 60445033	Report No:	22
Contractor:	Ludlow Construction	Page:	2 of 18

0900 – Installing the remaining 18 feet of 16” DI pipe left from the nipple cut off. The 45-degree bend added 1 foot for a total of 21 feet from start. New station 39+23.95. All restrained pipe.

0930 – Install 20 feet of 16” DI restrained pipe to Sta.39+03.95.

1010 – Install 20 feet of 16” DI restrained pipe to Sta. 38+83.95.

1040 – Continuing excavation and back filling. While shifting the trench box a pile of soil accidentally filled the end of the pipe. Andy (Ludlow) did great work in cleaning out all soil from the pipe.

1100 – Install 20 feet of 16” DI restrained pipe to Sta. 38+63.95. This section was deflected slightly to is was somewhat diagonal across the trench. The purpose is to keep the line within the designed trench that has already been sawcut. The pitch and angle made the pipe appear to not be seated, but the connection was checked an confirmed that the locks were in place.

1200 – Compaction tests run. The different stations were to access different lift depths.

1210 – Install 20 feet of 16” DI restrained to Sta. 38+63.95.

1240 – Install 20 feet of 16” DI restrained to Sta. 38+43.95. This is the final restrained piece until Sta. 37+74 is reached.

1310 – Install 20 feet of 16” DI unrestrained to Sta.38+23.95. End station for the day.

1330 – Final compaction test, top two layers.

1400 – Off site.

Payment Items:

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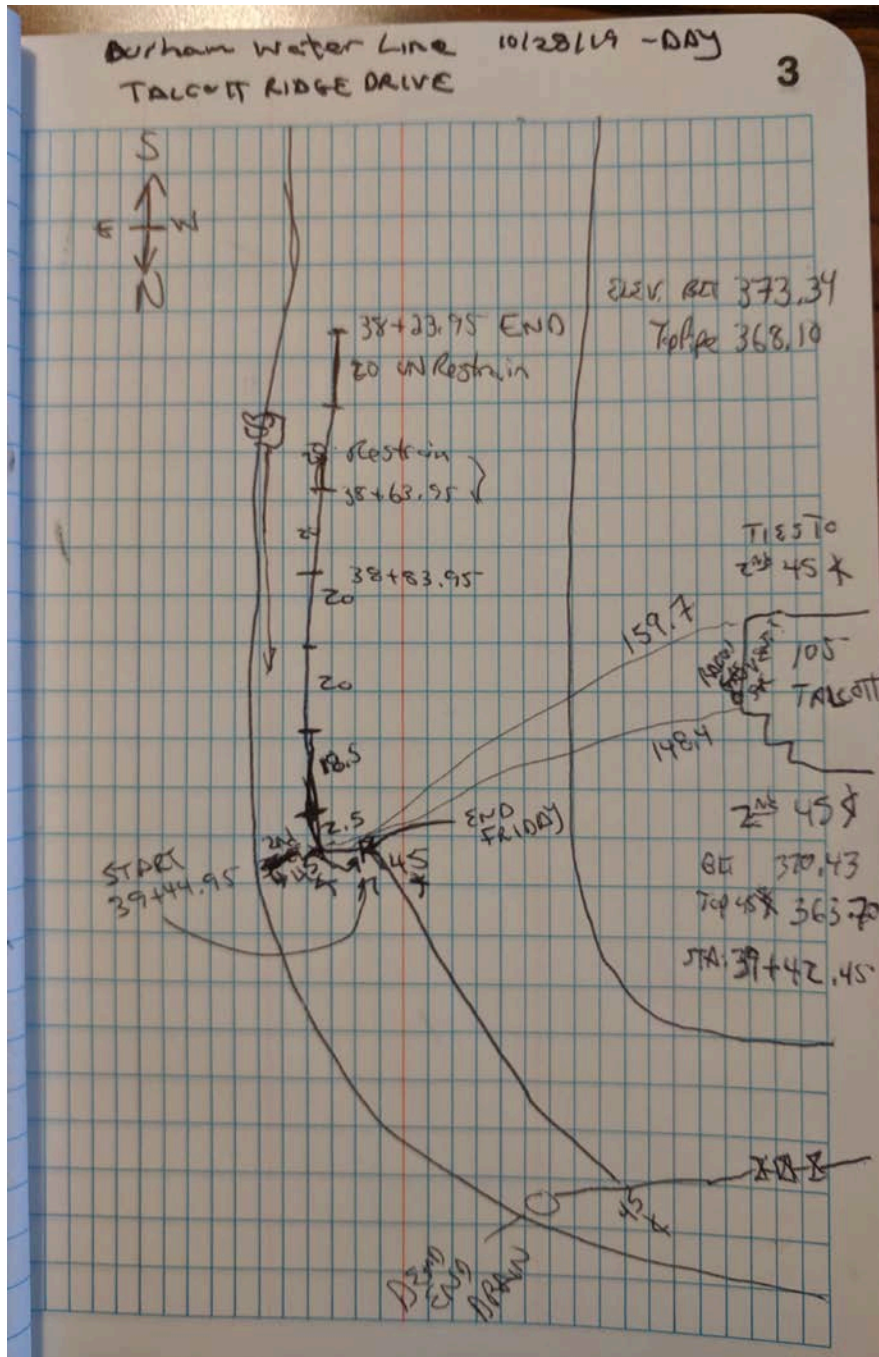


Figure 1 – Tie-offs and elevations.

Res. Representative:	W. Abrahams-Dematte	Date:	10/28/19
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Figure 2 – Facing North on Talcott Ridge

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Figure 3 – View looking south on Talcott Ridge.

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Figure 4 – First pipe of the day. 2-foot nipple with 45-degree bend. This is the last bend, which should return the 16" DIP into the designed (already sawcut) trench.

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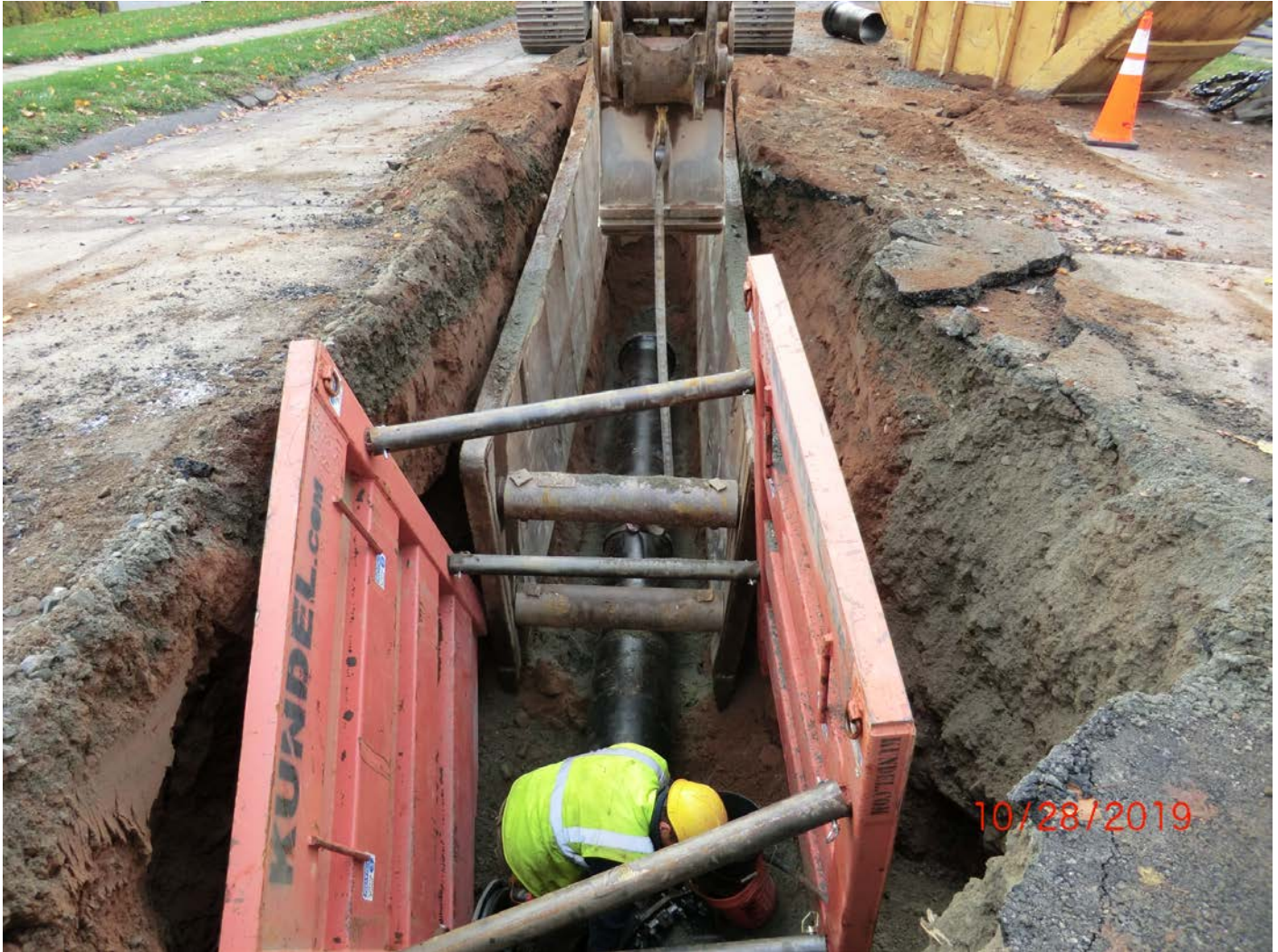


Figure 5 – Installing remaining 18 foot section of 16” DI. Total length 21 feet to Sta. 39+23.95.

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Figure 6 – Facing north. Running compaction and back fill.

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Figure 7 – Facing south, the whole line, trenching and backfilling.

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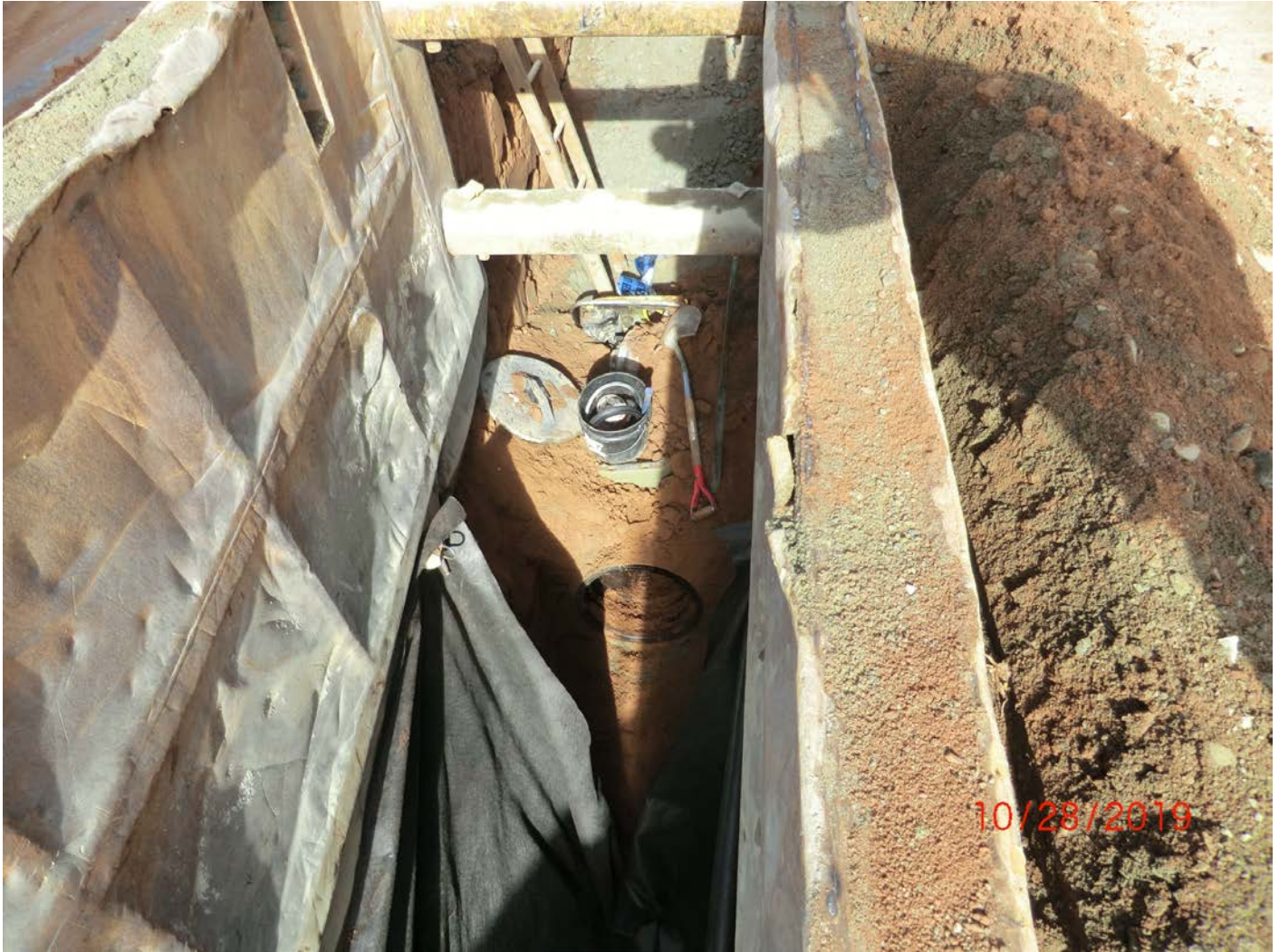


Figure 8 – Inadvertent soil in pipe.

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Figure 9 – Same pipe as Figure 8, clean.

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Figure 10 – Restrained pipe installation. 16” DIP

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Figure 11 – Restrained 16” DIP, note that locks are set. Set rings appear a little off due to deflection in pipe to keep pipe aligned in existing trench. Station 38+83.95.

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Figure 12 – Deflected alignment. Station at end of pipe is Sta. 38+63.95.

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Figure 13 – Trench dug to ascertain location of utilities.

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Figure 14 – Facing NW note asphalt patch. The line heading toward the driveway was intended location for 45-degree bend up towards the cul-de-sac. The other patch line to the left of the picture is the actual re-directed path.

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Figure 15 – The final station of the day, Sta. 38+23.95. Marked by 4x4 stake before burial and hot mix.

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Figure 16 – Facing east, the Catch Basin connected to the drain pipe that was not located where it was listed and which resulted in the re-routing of a section of the water main.