

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	October 21, 2019
<b>Location:</b>	Talcott Ridge Drive, Middletown CT	<b>Day of Week:</b>	Monday
<b>Project #:</b>	AECOM: 60445033	<b>Report No:</b>	17
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 7

### Weather Conditions

**Conditions:** Daylight hours. Mostly sunny, calmer and warmer feeling than previous two days due to decrease in wind chill.

**Temperature (°F):** High 55°F Low 37°F

### Contractors & Subcontractors Workforce

### Equipment in Use

Trade	#	x	hrs	Trade	#	x	hrs	Type	#	x	hrs
USACE				Ludlow Construction				Concrete sawing machine	0	x	8
Field Engineer	1	x	8	Superintendent	1	x	8	Dump truck	4	x	8
				Safety Officer	1	x	8	Excavator - Large	1	x	8
				Foreman	1	x	8	Skid Steer / Bucket Loader	1	x	8
				Dump truck Operator	2	x	8	Plate Compactor	1	x	8
				Excavator Operator	2	x	8	Jumping Jack Compactor	1	x	8
				Skid Steer/Bucket Loader Op.	1	x	8	Light Tower	0	x	8
				Laborers	4	x	8	Mid-size Excavator	1	x	8
				<i>Total 9 persons + 1 sub. Trucker</i>				Tractor-style Excavator	0	x	8
				<i>Note that some persons operate</i>				Pipe saw	1	x	8
				<i>Multiple pieces equipment.</i>				Rolling Compactor	1	x	8
				Sub-contractor				Street Sweeper (Broce Broom)	1	x	8
				Dump truck Operator	1	x	8	Material Hopper	1	x	8
				Middletown Police Dept.							
				Police Officer Detail	1	x	8				

**Visitors:** None

### Notes:

**Begin at 44+70.34 and End at 43+49.34** Distance counts down as one proceeds up – east on - Talcott Ridge Dr.; distance is by length of pipe, not “road distance” uphill along Talcott.

**Pipe Connections:** Unrestrained.

**Sediment Traps:** Sediment traps installed in one double catch basin and one single catch basin located on either side of Talcott Ridge Drive (roughly at 44+45). Sediment barriers along Route 17 were also refurbished to strengthen the silt barrier.

0800 – On site: Talcott Ridge Dr. Excavation on going with large (CAT 336E) excavator. Begin day at 44+70.34. Working on first run. Crossing under 8” Hydrant water line and several conduits.

0900 – Installing first 20-foot section of 16” DI installed to 44+50.34.

0940 – Constructing Hydrant Tee (16x6) with 6” gate valve. End to center of Tee is 8 feet making Hydrant Tee station 44+42.34.

**Res. Representative:**

W. Abrahams-Dematte

**Date:** 10/21/19

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1000 – Set 8-foot + Hydrant Tee section, using two 8” thrust blocks with oak wedges. Both sides of Tee were restrained using megalugs.

1015 – Install remaining 13 feet of second 20-foot section (unrestrained) 16” DI installed to 44+29.34 (add 1 foot for Tee section).

1045 – Installed third 20-foot section of 16” DI to 44+09.34.

1115 – Install fourth 20-foot section of 16” DI to 43+89.34.

1145 – Digging past 2” service line and 18” drainage line.

1210 – Installed fifth 20-foot section of 16” DI to 43+69.34.

1300 – Install sixth and final 20-foot section of 16” DI to 43+49.34. End of pipe at elevation of 362.18 feet, 6.85 feet below top of asphalt.

1330 – Head off to MMC trailer to complete daily and wrap up.

**Payment Items:**

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**Figure 1 – Facing east. First run of pipe. Trenched out approximately 30 feet, crossing first under existing 8” hydrant line then several electrical/TV conduits (white pipe). End of first 20-feet of pipe is 44+50.34, which is just shy of the conduit by about 1.5 feet.**



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Figure 2 – Facing into trench from south side. Non-restrained coupling just to the left of conduit pipes seen between to trench boxes. This is a 7.5 foot section of 16” DI pipe with a 1 foot 16x6 Hydrant T with restrained coupling (not pictured).



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**Figure 3 – Looking eastward into trench. The other end of the 7.5 feet of 16” DI pipe fitted with a 1-foot restrained Hydrant Tee. Remaining 12.5 feet of pipe installed next. Hydrant Tee located at 44+42.34 at an elevation of 361.08 feet to top of Tee and 6.98 feet below top of blacktop.**

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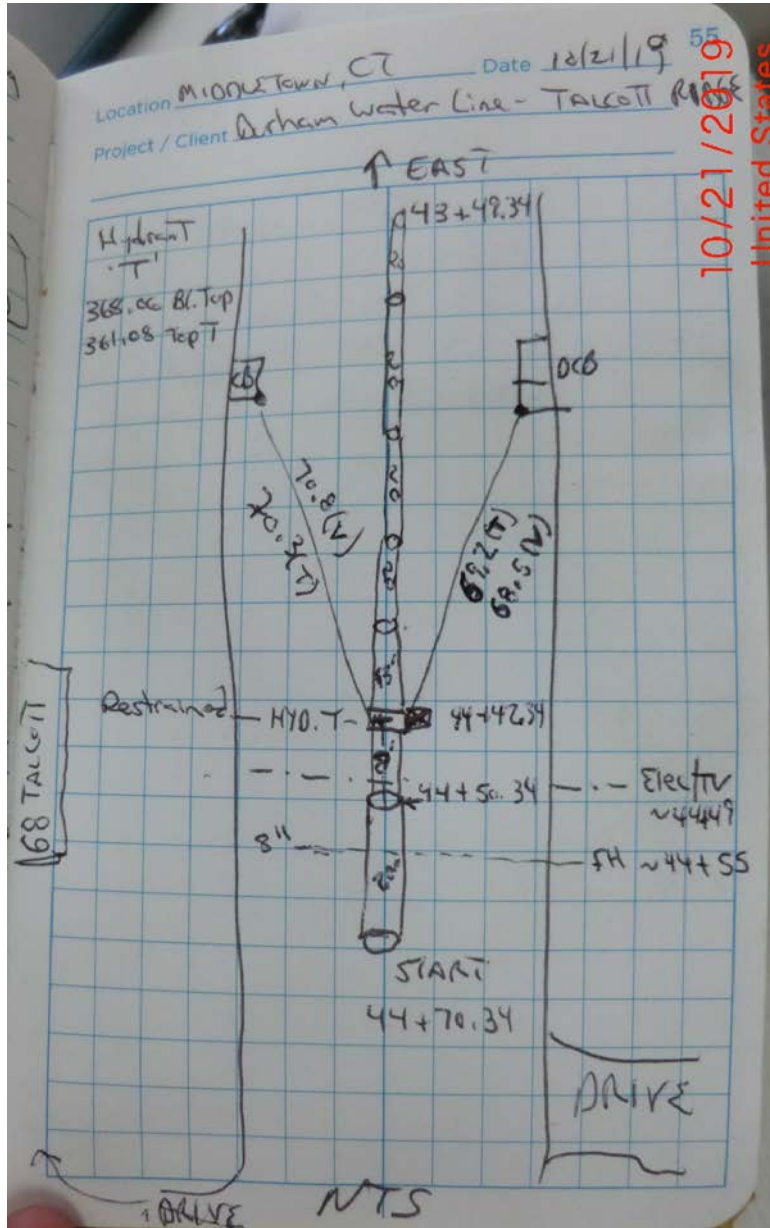


Figure 4 – Picture facing west into trench. 16x6 Hydrant T with thrust blocks and oak wedges. Note remaining 12.5 feet of 16" DI has been installed onto upside of Tee. End of second 20+1 feet of pipe to station 44+29.34.



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Figure 5 – Tie offs to Hydrant Tee. V=gate valve tie-off and T=center of pipe T tie-off. An additional 80 feet (4x20”) of 16” unrestrained DI pipe was installed after the run with the hydrant Tee. Total installed was 121 feet of pipe equal to 6x20-foot section plus 1x1-foot T section.

<b>Res. Representative:</b>	W. Abrahams-Dematte	<b>Date:</b>	10/21/19
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