

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 26, 2019
Location:	Talcott Ridge Drive, Middletown CT	Day of Week:	Tuesday
Project #:	AECOM: 60445033	Report No:	38
Contractor:	Ludlow Construction	Page:	1 of 21

Weather Conditions

Conditions: Daylight hours. Sunny, 5% clouds, wind 3-10 mph.
Temperature (°F): High 57°F Low 36°F

Contractors & Subcontractors Workforce

Equipment in Use

Trade	#	x	hrs	Trade	#	x	hrs	Type	#	x	hrs
USACE				Ludlow Construction				Concrete/Asphalt Road Saw		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	Excavator - Mid-Size	1	x	8
				Dump truck Operator	2	x	8	Excavator - Rubber Wheeled – Rock Hammer	0	x	8
				Excavator Operator	2	x	8	Skid Steer / Bucket Loader	1	x	8
				Skid Steer/Bucket Loader Op.	1	x	8	Rolling Compactor	1	x	8
				Laborers	4	x	8	Plate Compactor	2	x	8
				<i>Total 9 persons + 1 sub. Trucker</i>				Jumping Jack Compactor	2	x	8
				<i>Note that some persons operate</i>				Street Sweeper (Broce Broom)	1	x	8
				<i>Multiple pieces equipment.</i>				Material Hopper	1	x	8
				Sub-contractor				Pipe saw	1	x	8
				Dump truck Operator	1	x	8	Light Tower	0	x	8
				Middletown Police Dept.							
				Police Officer Detail	1	x	8				

Visitors: Lee Sisco (HDR-East Region Federal Contracts) Chris Stinson (HDR) Lisa Belisle (USACE)

Notes:

Stations & Pipe Connections: Began at 753+14 and Ended at 752+30. Installed 80 feet of 8” DI pipe with restrained connections plus a 4-foot stub at end of line. Pipe depth is currently 7 feet to allow for crossing under drain and water main located in Main St. Also installed was a 10” sump at the end of the line. The final crossing on Main St. will occur next year and the sump will be used to dewater the trench when that occurs. Billy (Ludlow) said that the spacing of lines under Main Street meant that the bells of the new lines would end up under the existing structures and that it would be easier to come from the other side. For the Main Street team, completion of the fire hydrant at Winsome St. and installation of the hydrant at Parsons St. About 200 feet of asphalt on Main Street was also replaced south of Winsome St.

Compaction Testing: No compaction testing was performed today.

Issues: The repairs of the conduit at Winsome Street and Main Street were completed.

Other: Notes from Billy (Ludlow) for 11-25-19 included in the Figures. Notes contain stations, elevations, and tie-offs to key features completed during construction on that day. Peter (Ludlow - yesterday reported town water department) on site continuing to fill water lines up Talcott Ridge and Watch Hill for testing.

0800 – On-site. Ludlow running two day crews, one on Main Street completing repairs to conduit and finishing installation of hydrant on Winsome Street, installation of hydrant on Parsons St., and repair of approx.. 200 feet of asphalt on Main St. The second team was finishing work at the base of Talcott Ridge Dr. and Main St.

0815 – Main Street crew currently re-excavating the area of conduit on Main Street that was damaged yesterday.

Res. Representative:

W. Abrahams-Dematte

Date: 11/26/19

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0845 – Installing restrained 8” DI pipe #3 on the north side of the road between lower Watch Hill Dr. and South Main St. Currently have 40 feet in the ground plus another 20 feet brings pipe from station 753+14 to station 752+54).

0900 – Peter (Ludlow, not water dept.) on-site continuing to fill water lines up Talcott Ridge and Watch Hill for testing.

0920 – Installing final stick (#4) of 8” DI restrained pipe on Talcott. Along with the final stick a 4-foot (8” DI) plug was also installed (presumably to also offset distances under Main Street crossing so as not to have pipe bells located under other utilities in the road as the new water line crosses). Final station is 752+30. A 10” sump was also installed at the end of the line, capped and buried. The sump, which will only be temporary, will be used to dewater the trench next season when the 8” line is extended across Main Street.

1100 – Talcott crew coming off break to continue cleaning up the site and prepping for asphalt.

1120 – Main Street crew working on repair of Main Street asphalt along a roughly 200 foot run south of Winsome St. and working on installation of hydrant at Parsons St.

1230 – Main Street crew completed work on Winsome and south of Winsome. Now working on finishing Parson St. installation.

1240 – Talcott Ridge crew are shimming gate boxes on Talcott Ridge. Meaning that where the road boxes for access to valves have sank or were placed too low, the boxes have been dug up and raised – ‘shimmed’ – to proper height. A trip up to the cul-de-sac found that the circle has been tidied up. More work is needed and will likely occur tomorrow after the final installations are completed in the cul-de-sac. One more stick of 20” DI and a 45⁰ bend and gate valve.

1300 – Off-site. Took route past haul road yard. Haul yard same as yesterday.

Payment Items:

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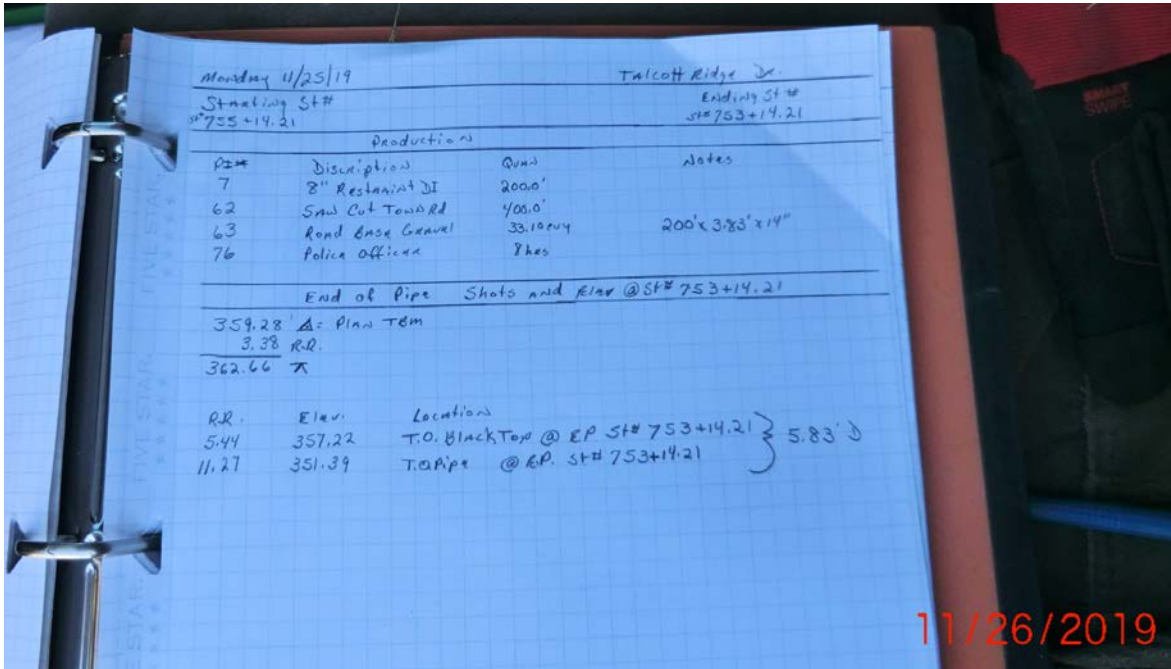


Figure 1 – Ludlow notes for Thursday 11/25/19.

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Figure 2 – Facing southwest. Morning progress towards South Main St. Note Stop Sign in background was not damaged during work activities, excavator was able to work about the sign, but ended up creating a bit of a mess to avoid damaging the sign. See later figures showing mess that was later cleaned up.

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Figure 3 – Facing southwest. Having reached bottom of Talcott Ridge, the trench has again encountered the groundwater. Water can be seen here dripping from the back corner of the dump truck.

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Figure 4 – Water in trench. Sump pump used to dewater to fabric (silt fenced) lined catch basin.

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Figure 5 – Sump discharge to protected catch basin.

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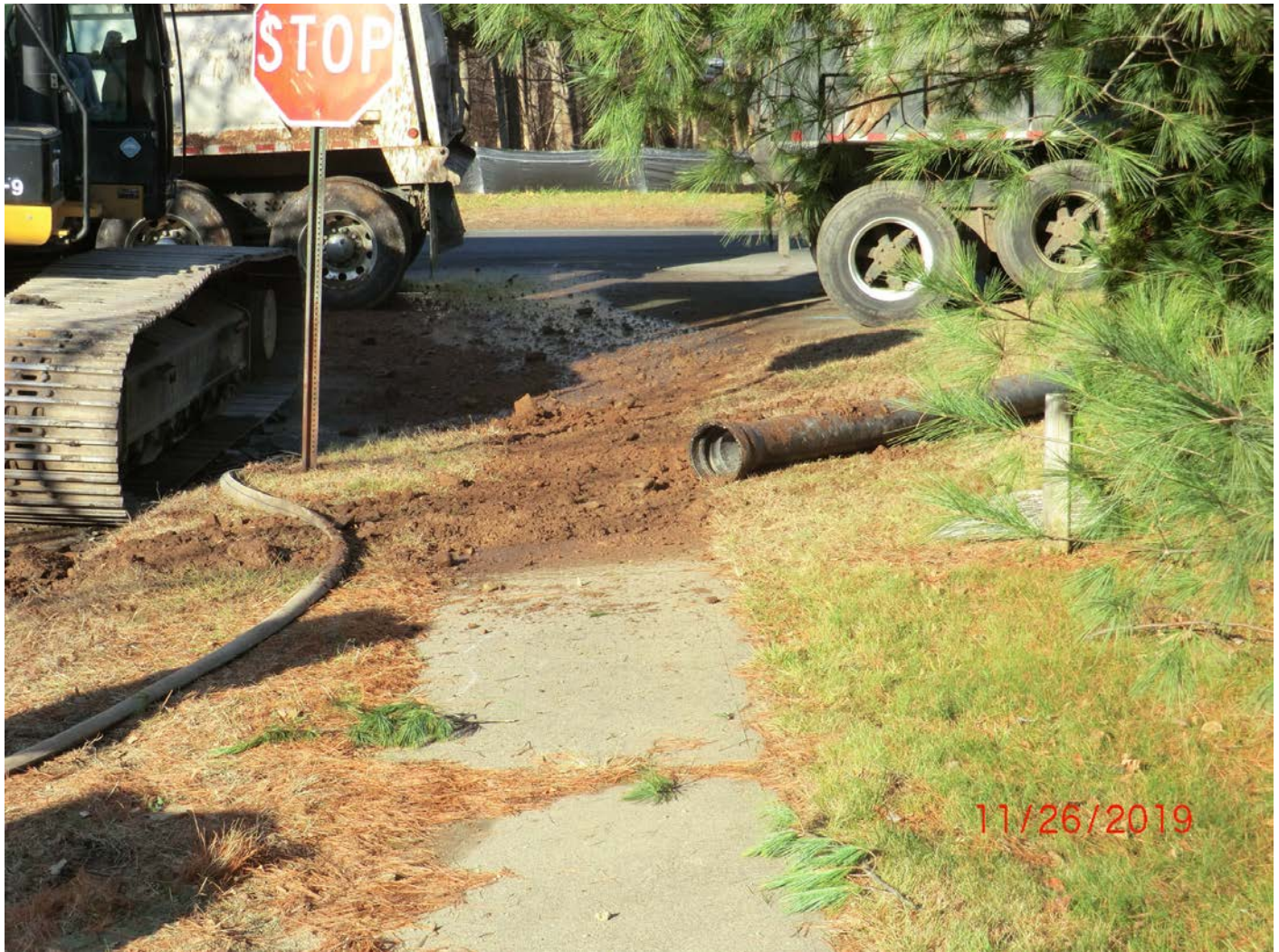


Figure 6 – Facing west along north side of Talcott Ridge (Main St. in background). Mess created in the effort to not destroy or remove the stop sign.

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Figure 7 – 4-foot (restrained) stub installed at end of 4th stick of 8” DI installed, bringing end of 8” DI to 752+30.

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Figure 8 – Installed 4-foot stub.

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Figure 9 – Billy (Ludlow) taking elevation shots at end of run for today.

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Figure 10 – Installation of 10” pipe cut sump adjacent to stub. Note 4x4 stud at top of picture marking end of todays run.

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Figure 11 – Facing west. Removing 24-foot trench-box.

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on



Figure 12 – End of the line 752+30. Facing west, 10'-sump and 4x4 stud at end of 4-foot stub. Starting location for next spring when 8" DIP line will extend into South Main Street. Top of picture is intersection of Talcott Ridge Drive and South Main Street in Middletown, CT.

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Figure 13 – Cross over from active hydrant to new hydrant. Set up was used by Peter (Ludlow) to fill the water lines going up Talcott Ridge and Watch Hill.

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Figure 14 – Facing west, final patch at bottom of Talcott Ridge.

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Figure 15 – ‘Shimming’ gate valve covers on Talcott Ridge. Raising structures to be consistent with road surface.

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Figure 16 – New hydrant on Winsome Street, at corner with Main St., Durham, CT. Facing east-northeast.

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Figure 17 – Facing south, repaired/repaved trench line on Main St. Durham. Winsome St. to right of photo.

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Figure 18 – Facing North, Main Street, Durham, Winsome St. to left. Appears that a stretch to the north was also repaved.

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Figure 19 – Completing work at Parsons Street, installing hydrant of Tee in Main St. Water line. Picture facing north.