

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 25, 2019
Location:	Talcott Ridge Drive, Middletown CT	Day of Week:	Monday
Project #:	AECOM: 60445033	Report No:	37
Contractor:	Ludlow Construction	Page:	1 of 16

Weather Conditions

Conditions: Daylight hours. Sunny and Hazy, little to no wind.
Temperature (°F): High 50°F Low 34°F

Contractors & Subcontractors Workforce					Equipment in Use				
Trade	#	x	hrs		Trade	#	x	hrs	
USACE					Ludlow Construction				
Field Engineer	1	x	8		Superintendent	1	x	8	
					Safety Officer	1	x	8	
					Foreman	1	x	8	
					Dump truck Operator	2	x	8	
					Excavator Operator	2	x	8	
					Skid Steer/Bucket Loader Op.	1	x	8	
					Laborers	4	x	8	
					<i>Total 9 persons + 1 sub. Trucker</i>				
					<i>Note that some persons operate</i>				
					<i>Multiple pieces equipment.</i>				
					Sub-contractor				
					Dump truck Operator	1	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)
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Notes:

Stations & Pipe Connections: Began at 755+14 and Ended at 753+14. Installed 200 feet of 8" DI pipe with restrained connections. "Straight" shot with slight deflections to follow curve of road. Crossed under one telephone conduit and one drain pipe. Pipe depth 6 feet but dipping to 7 feet to get under piping on Main Street.

Compaction Testing: No compaction testing was performed today.

Issues: No issues on Talcott Ridge Drive. On Main Street at the intersection with Winsome St. in Durham a telephone conduit tile casing was broken and an air-line ruptured. This incident required Frontier (owner of the line) to come out in order to repair the air line. The crew also pulled out a section of 6" drain line. The drain line was being repaired using Fernco couplings to re-insert the section removed. [Speaking with Frontier, the air-line is part of the overhead copper line system and is used to maintain several pounds of pressure in the copper lines to avoid condensation and corrosion of the copper line. The air-line system has laterals off the buried line that run up poles to the copper line.]

Other: Notes from Billy (Ludlow) for 11-22-19 included at end of Figures Notes give stations, elevations, and tie-offs to key features.

0830 – On-site. Ludlow running two day crews, one on Main Street installing a hydrant line up Winsome Street and the other on Talcott Ridge.

0900 – Inspect Talcott Ridge work. Currently installing restrained 8" DI pipe on the north side of the road between lower Watch Hill Dr. and South Main St. Currently have 60 feet in the ground (755+14 to 754+54).

Res. Representative:	W. Abrahams-Dematte	Date:	11/25/19
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0930 – Took a drive with Kurt (USACE) to inspect the progress on Main Street and to have a look at the haul road and haul site. Gravel was noticed on the road outside the haul site, around work areas (more than would be expected), and along the upper reaches of Talcott Ridge. Kurt made mention of this to Jerry (Ludlow), asked that they address some of the stray gravel during clean up today.

10:50 – Received text from Kurt (USACE) that the Main Street team hit something. Went down to Main Street to investigate. Air-line was ruptured and conduit box broken. {Note earlier that morning a 6” drain line section had been removed during the initial digging and Ludlow was planning on replacing the section with Fernco couplers.}. The air-line belongs to Frontier, who was out at the site to manage the repair. Noted that the street sign/stop sign were also damaged and lying on the ground.

1142 – Back on Talcott Ridge. Briefly spoke with Peter (Water Department) who was inspecting street valves at the base of Talcott Ridge. Said he was asked to fill the system up Talcott for testing. Only spoke with him briefly due to construction traffic.

1155 – Ludlow up to 140 feet of 8” DI restrained pipe (753+74).

1300 – Setting the final pipe for the day. 10 sticks of 8”x20’ restrained DIP. Total 200 feet to 753+14. Changing over to clean up and finish backfilling before asphalt hot patch arrives.

1330 – Checked in down at the MMC trailer then headed off-site.

Payment Items:

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Figure 1 –Facing west from intersection of lower Watch Hill and Talcott Ridge.

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Figure 2 – Facing southwest. Morning progress.

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Figure 3 – 8" DIP – restrained bell at Talcott Ridge Drive.

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Figure 4 – Facing north on Main Street at Winsome Rd. Trenching off main line to extent 8” hydrant line. Note mangled road and stop sign to left of picture.

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Figure 5 – Damaged Street Sign.

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Figure 6 – View of telephone conduit clay pipe – front right corner of picture. This conduit was later broken and an air-line ruptured. Also note 6” drain pipe on right wall between trench box and conduit. This is to be repaired using Fernco couplings. Upon closer inspection, it appears that the air-line had already been broken at this point – note black tube next to orange conduit line.

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Figure 7 – Another view of the conduit taken later in the morning. Note that the clay conduit has been further broken and the broken air-line is more visible.

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Figure 8 – Broken air-line.

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Figure 9 – Facing south on Main St. Cutting a section of road in order to excavate the conduit further to allow for Frontier to access and fix break.

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Figure 10 – Gravel collecting on road out side of haul site entrance.

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Figure 11 – Close cutting to catch basin on Talcott Ridge. Asphalt around basin broken entirely during removal of trench box. Will need repair during permanent pavement repair.

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Figure 12 – Only utilities crossed on Talcott Ridge today. Electrical conduit in background, drain pipe in foreground. Facing east.

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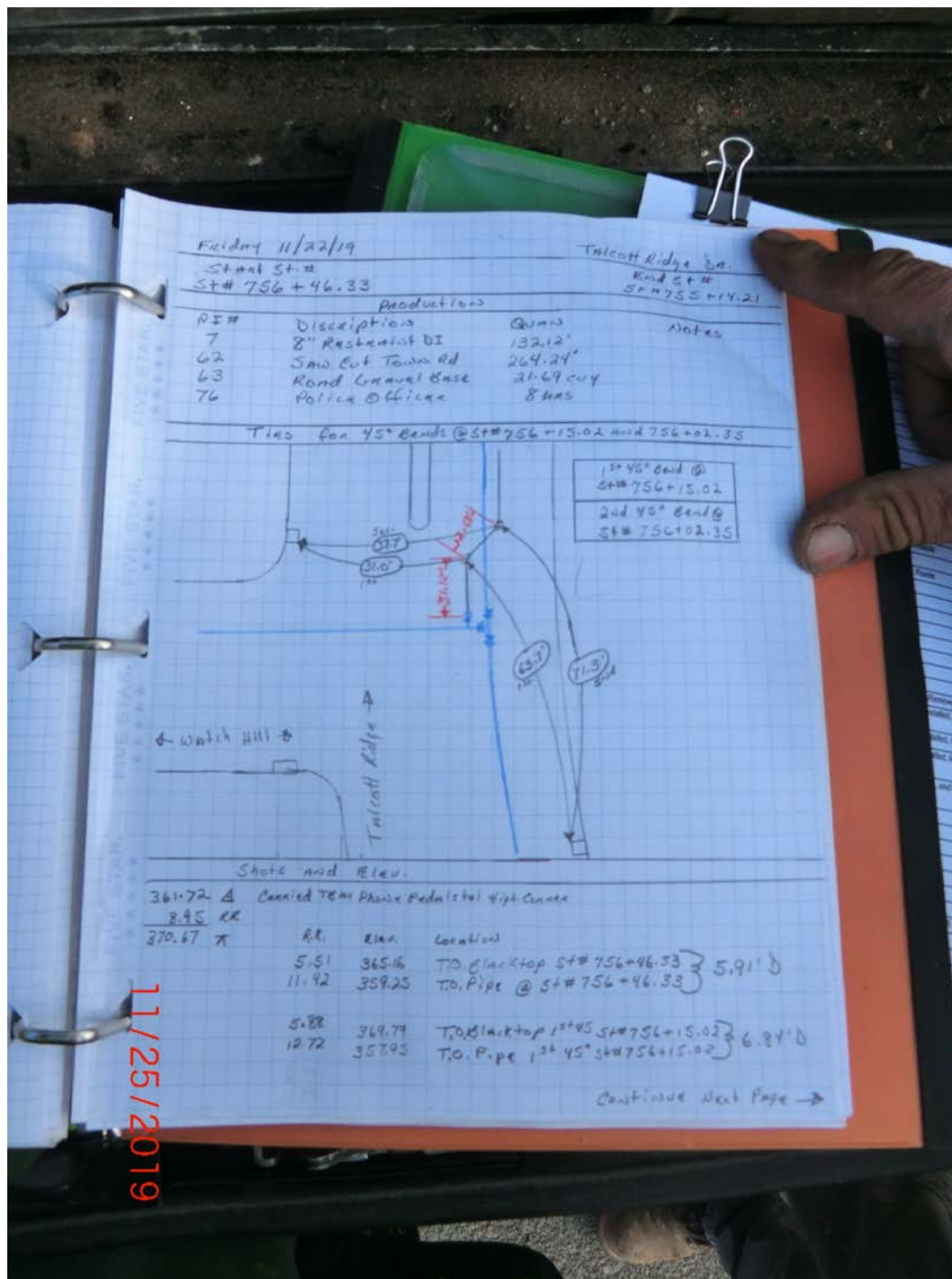


Figure 13 – Billy (Ludlow) field notes for 11-22-19 with tie-offs and elevations: Page 1

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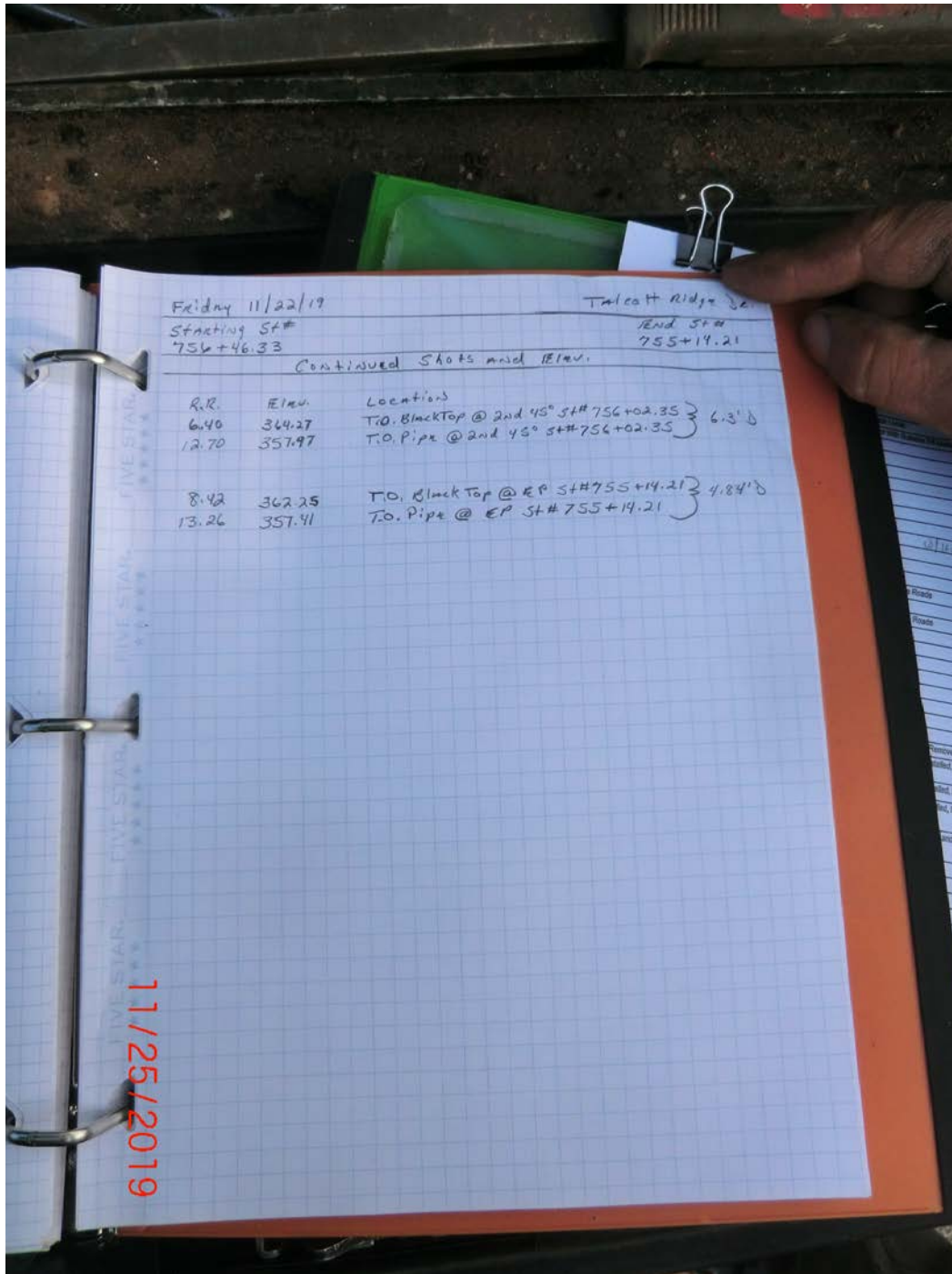


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