

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	November 08, 2019
Location:	Talcott Ridge Drive, Middletown CT	Day of Week:	Friday
Project #:	AECOM: 60445033	Report No:	27
Contractor:	Ludlow Construction	Page:	1 of 15

Weather Conditions

Conditions: Daylight hours. Sunny, 90%-100% cloud cover, winds variable 5-15 mph.
Temperature (°F): High 55°F Low 27°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: NONE

Notes:

Begin at 33+24.62 and End at 32+04.62 – ADJUSTED Distance. Note: the initial starting point at the junction of Talcott Ridge Dr. and So. Main Street (RTE. 17) was off by 4.83 feet. Initially on October 7, 2019 the starting point was reported as 51+72, however, after a review by Ludlow, that distance should have been 51+76.83. Moving forward the distance will be adjusted, however, Stations reported in Daily Daytime reports from October 7 through 29, 2019 will be off by 4.83 feet as reported. That means 4.83 will have to be added (0+4.83) to all stations during this time frame. As always, distance counts down as one proceeds up Talcott Ridge Dr. toward the cul-de-sac. Distance is also by length of pipe, not “road distance”.

Road Distance vs. Pipe distance: This has been an on-going issue compounded by the direction the station numbers are laid out (i.e. counting down as one proceeds up Talcott Ridge Drive. Just as a point of clarification, the difference in numbers is related to the physical track of the pipe, which is not strait and level as the road distance shown on plan. Both vertical pitch and horizontal deflection/bends contribute to the distance. For reference “pipe” distance at station 34+04.62 matches to “road” distance station of 34+11. Distances reported in the daytime daily reports are pipe distance.

Pipe Connections: Unrestrained 16” DI pipe connections for 100 feet today from 33+24.62 to 32+24.62. Then 1 stick restrained 16” DI from 32+24.62 to 32+04.62. When work picks up on Tuesday 11/8/19 There should be one more stick of 16” DI before stepping up to the 20” DI pipe to the end (water tower).

Compaction Testing: No Compaction testing today.

11/4-5/2019: Work pages from Billy’s (Ludlow) book are included in the figures for Monday and Tuesday of this week as well as Wednesday and Thursday. Note on Thursday he gives the dimensions of the bedrock that had to be ram hammered. Although he did

Res. Representative:

W. Abrahams-Dematte

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not due the calculation, using the average he provides they removed 16.8 yards of bedrock, less than my estimate yesterday based on a wider trench.

0800 – On-site. First trench run nearly complete. Crosses under 18” drain pipe and electrical conduit. Located in front of 182 Talcott Ridge Drive.

0900 – Setting first stick of unrestrained 16” DI to station 33+04.62.

0920 – Tamping first layer sand/stone dust (still brown version rather than the typical grey). The weather has become more overcast and variable. Wind chill is making it feel much colder.

0945 – Second stick 16” DI unrestrained installed to 32+84.62.

1030 – Installing 3rd stick of unrestrained 16” DI to 32+64.62. Two more sticks unrestrained pipe left before switching back to restrained. Break.

1100 – Drove to trailer. Observed winter hot patch coat being placed along Route 17 Main Street in Middletown on the way and road saw cutting in Durham.

1200 – Did a drive around with Kurt (USACE) to inspect the haul road and stock pile areas as well as the work being done on Route 17 Main Street.

1230 – Sticks 4 and 5 done, both 16” DI unrestrained to 32+04.62. The next is a restrained stick

1300 – Stick 6 – 16” DI Restrained to be last stick of the day. Just prepping trench for last 20 feet. Off site.

Payment Items:

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Figure 1 – Facing south, better sign placement.

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Figure 2 – Facing south and down, the only utilities crossed today. 18” catch basin drain (foreground) and electrical conduit (background).

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Figure 3 – End of first 20-foot run 16" DI. Depth to top of pipe roughly 6.5-7 feet.

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Figure 4 – Facing north, saw cutting Route 17 Main Street in Durham. Lanes fully coned.

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Figure 5 – Facing north, laying down top coat for winter.

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Figure 6 – In CT DOT yard, 20” Butterfly valve on top of couple 16” Butterfly valves. Just some of the piles of hardware stored in the yard.

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Figure 7 – Facing southeast, shot taken from upper Watch Hill Dr. intersection with Talcott Dr. Just approaching the crest before heading into the cul-de-sac at the end of Talcott. Preparing for final stick of the day.

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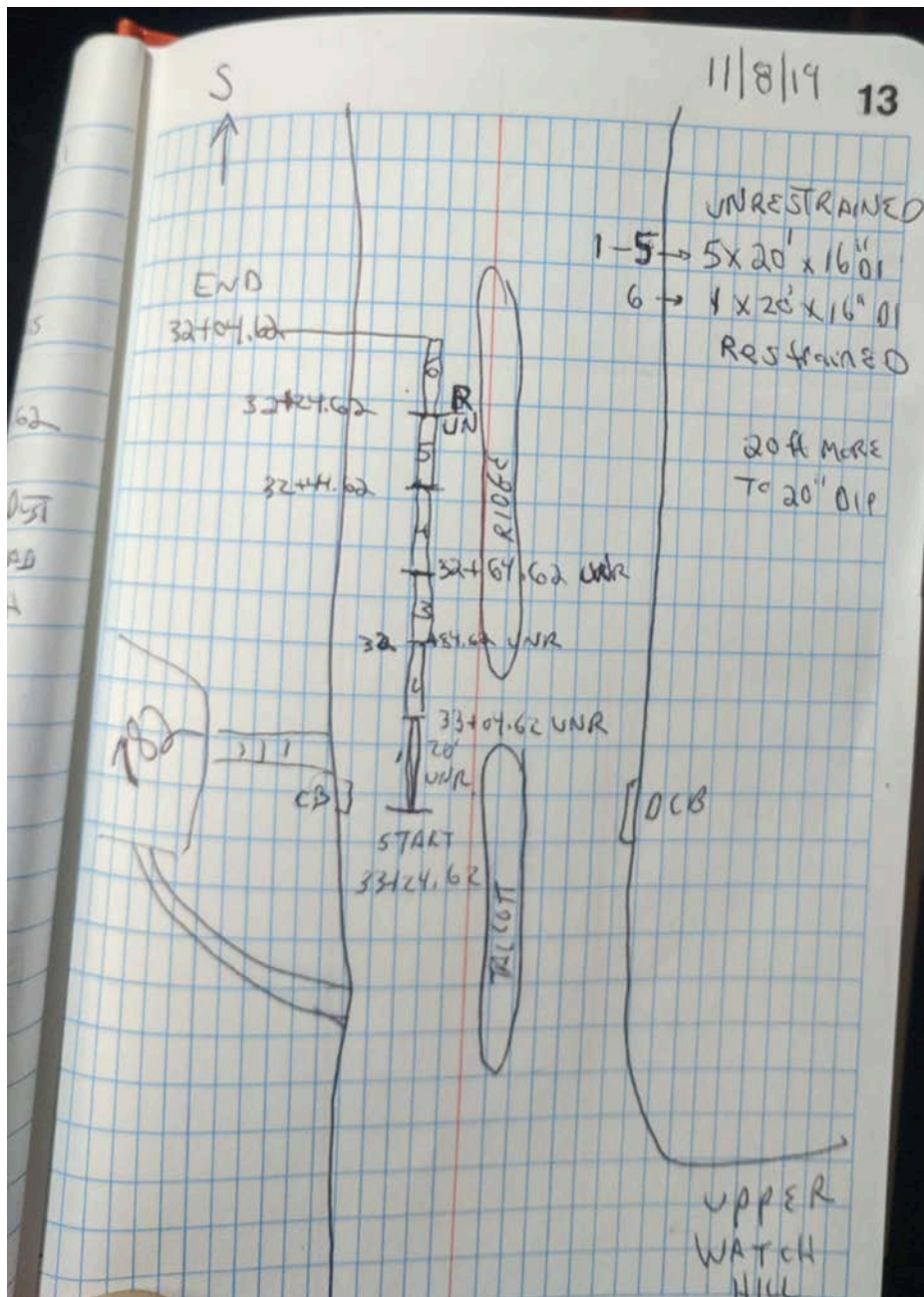


Figure 8 – Today's map of work. No hammer needed today to get through bedrock.

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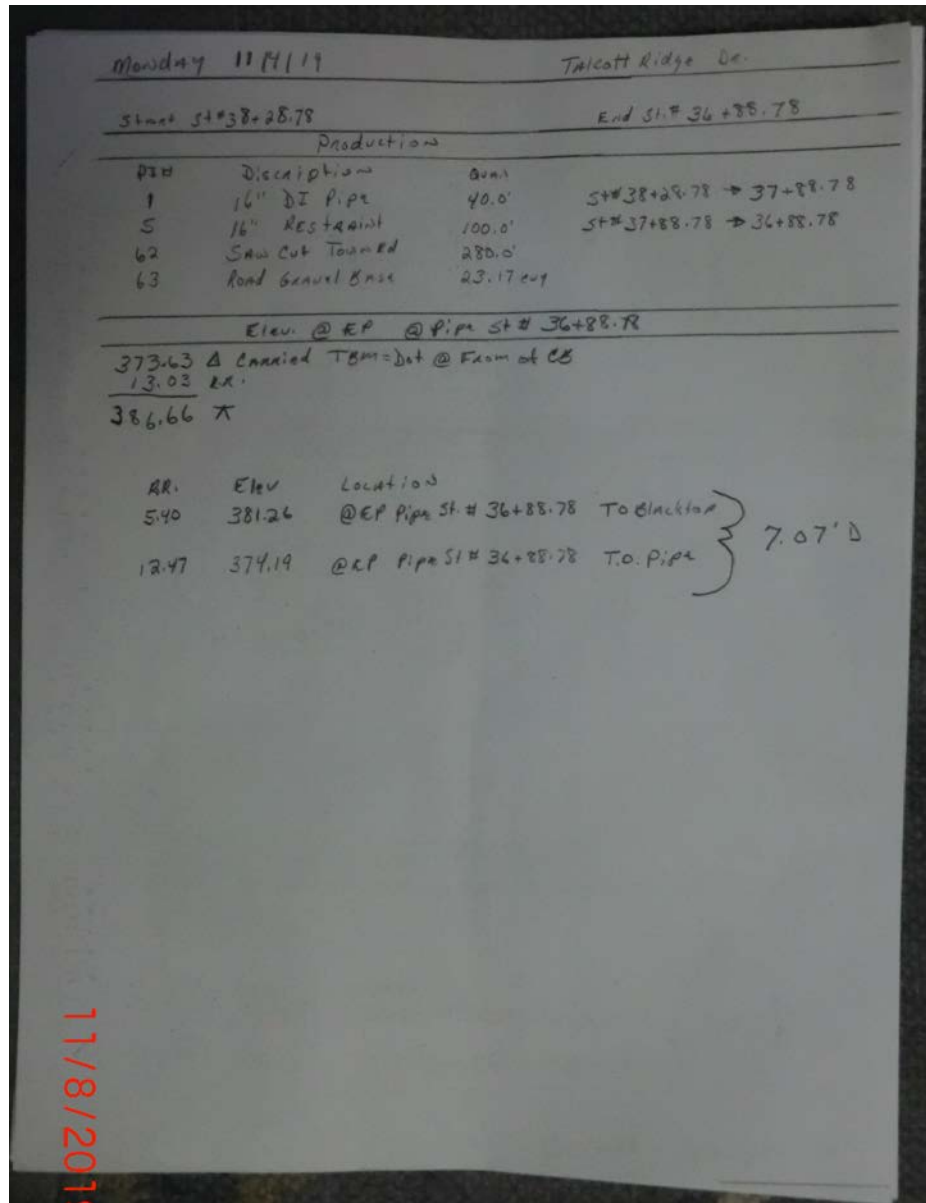


Figure 9 – Notes from Billy – Ludlow: Monday 11/4/19.

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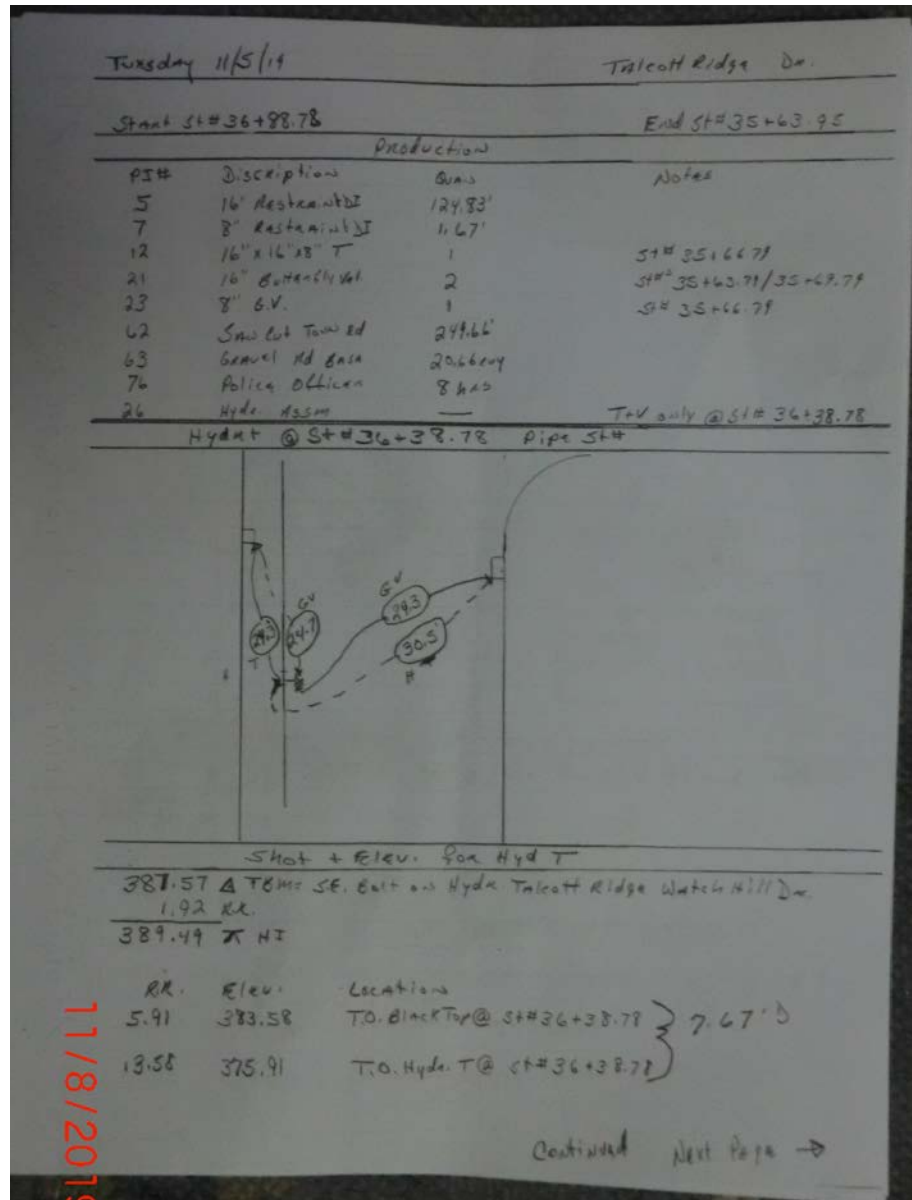


Figure 10 – Notes from Billy – Ludlow: Monday 11/5/19.

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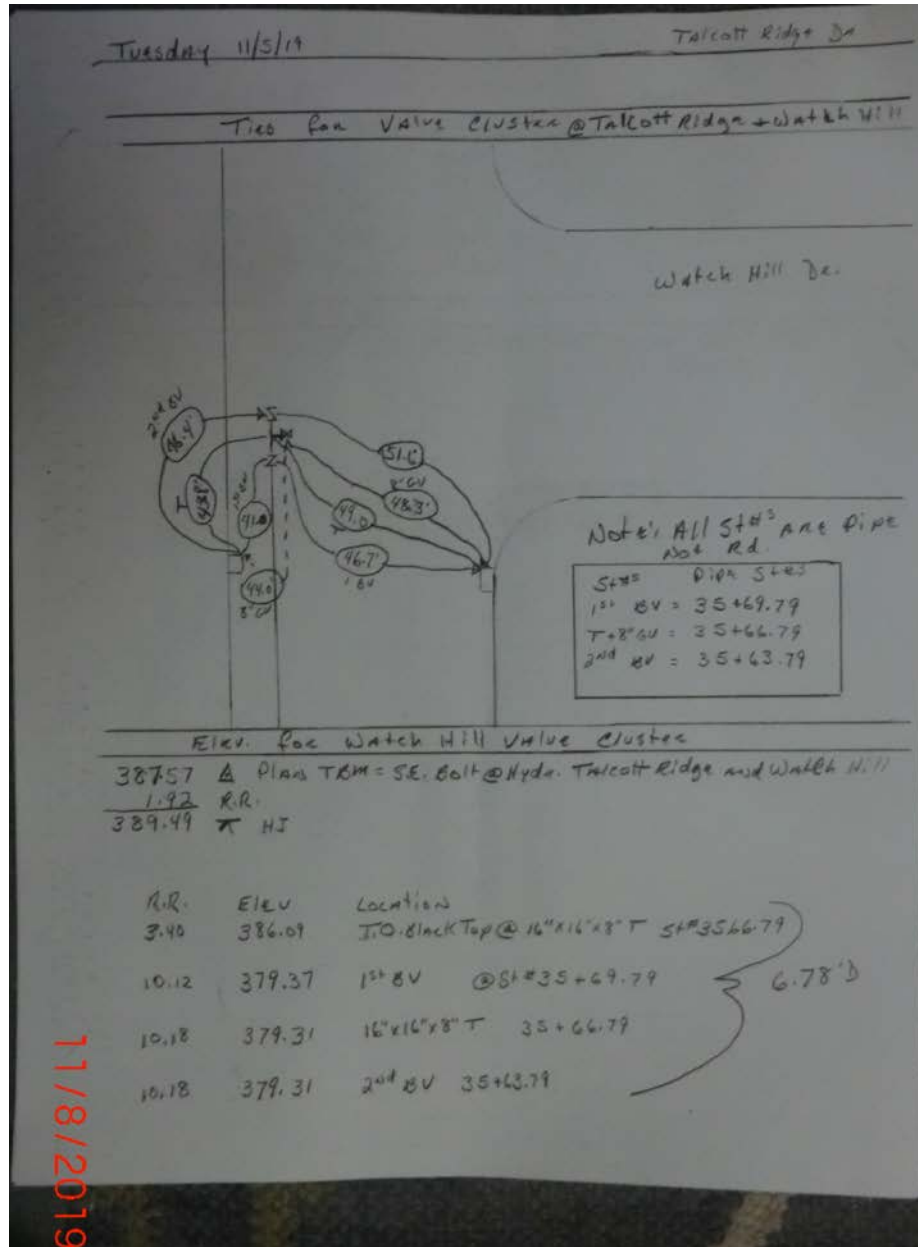


Figure 11 – Notes from Billy – Ludlow: Monday 11/5/19.

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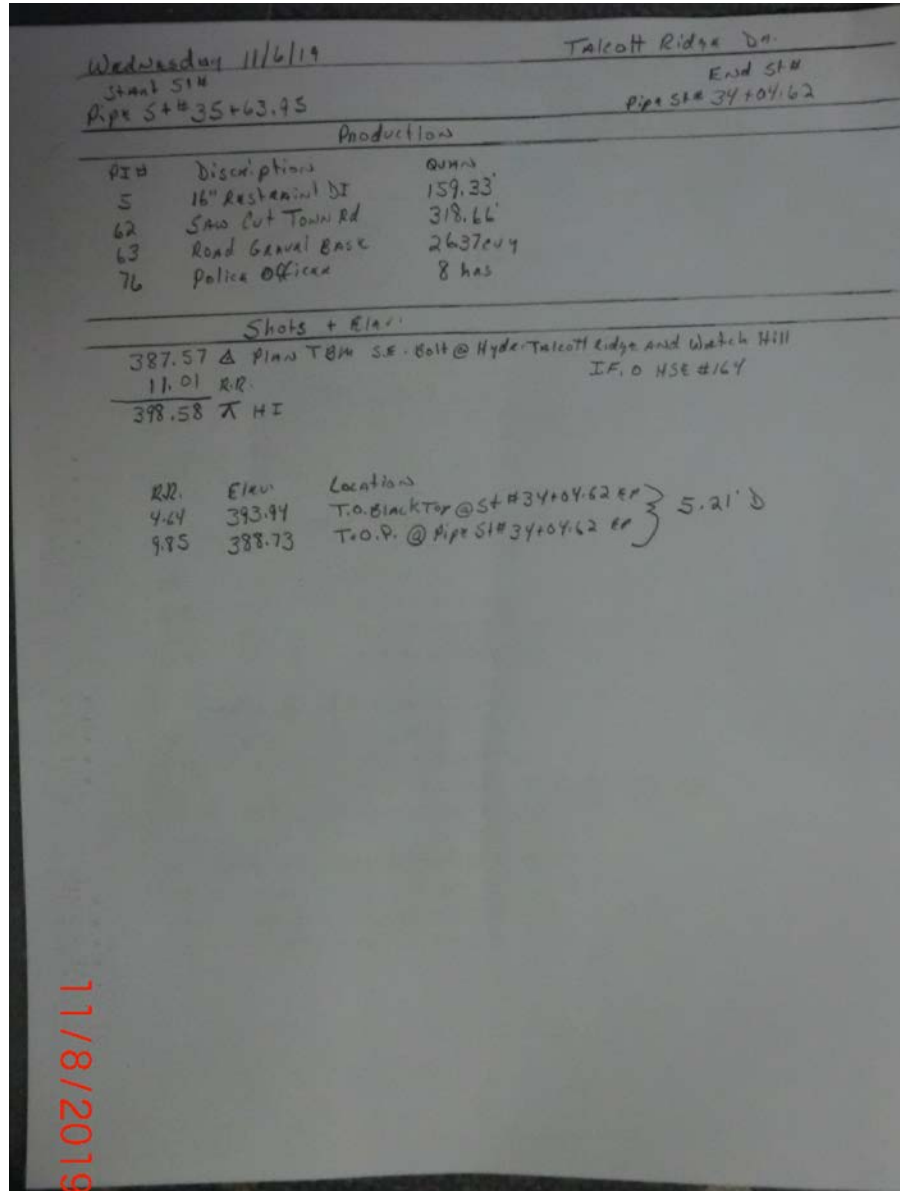


Figure 12 – Notes from Billy – Ludlow: Monday 11/6/19.

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Thursday 11/7/19 Talcott Ridge Dr.

Start St# 34+04.62 End St# 33+24.62

PI#	Description	Quant	Notes
1	16" DI Pipe	20.0'	
5	16" Restraint DI	60.0'	
54	Ledge Removed	16.83 cu yd	
62	Swi Cut Toward	160.0'	
63	Road Gravel Base	13.29	
76	Police Officer	8 hrs	

Shots and Elev

387.57 Δ Plan Temo = NE Bolt Hyde. Talcott Ridge @ Watch Hill
 12.15 RR.
 399.72 X HI

Ledge @ St# 33+53.62 Ledge 20' x 593' area x 3.83'

RR	Elev.	Locations
2.96	396.76	Top of Black Top
5.90	393.82	Top of Ledge
11.54	388.18	Bottom of Trench

5.64' of Ledge

Ledge @ St# 33+33.62

RR	Elev.	Locations
1.99	397.73	Top of Black Top
4.54	395.18	Top of Ledge
10.76	388.96	Bottom of Trench

6.22' of Ledge

End of Pipe @ St# 33+24.62

RR	Elev.	Locations
1.76	397.96	Top of Black Top
7.35	392.37	Top of Pipe

5.59' D

11/8/2019

Figure 13 – Notes from Billy – Ludlow: Monday 11/7/19.