

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 528		Page 1 of 1		
					DATE 29 May 2020 - Friday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 61 °F Max 79 °F No Precipitation No Wind				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND		
STRUCTURAL EXCA- VATION	BORROW EXCA- VATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
100 %	100 %	100 %	100 %	100 %	61 °F	79 °F	0 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION				
					INCHES		ENDING		
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					0.00		M		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR	FEET	TIME		
0	0	0	1	1	0	0.0	M		
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS					
				<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3					
SUPERVISORY	SKILLED	LABORERS	TOTAL	FROM	TO	FROM	TO	FROM	TO
0	0	0	0	0700	1530 M	M	M	M	M
Attach a list of the following. (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite. NOTE: if the contractor's Quality Control Report (QCR) contains the information it need not be repeated.									
QA NARRATIVES									
Contractor/Subcontractor & Area of Responsibility for Work:					Unresolved Issue: No Shift: 1				
Kurt Mintell Project involves installing water main from a new Middletown Water Tank into Durham and tying into homes & businesses: Prime Contractor: Ludlow - Installing watermain & associated components. Subcontractor: ACE Consulting - SSHO Rob Peddicord & CQC Jerry Brandon Subcontractor: Connecticut Traffic Control - 0 Subcontractor: John Turner Consulting - YES (Steve) Subcontractor Vellieux - 0 Middletown Police - 1 State Police -3 A&J Paving - NA Vallieux Saw cut onsite									
Work Performed Today:					Unresolved Issue: No Shift: 1				
Kurt Mintell Water Tank Site and Access Road: NO WORK On the access road today State/Town Roads: ----- JONS CREW: 2 State Police directing traffic Install 16" DI pipe from on 17. Encountered ledge and had to chip out rocky material. Two State Police onsite directing traffic. BILLYS CREW: Install Curb Stops and 1" Copper pipe on 17 in Middletown - these curb stops will be installed 5' from the curb line vs. 10 as shown on the plans Middletown & Cromwell Police Officers onsite directing traffic. Install a 1.5 inch water corp into the new 16" water main QUINCYS CREW: Pickett Lane 3rd Crew (Quincy Foreman) at Pickett Lane to installing 12" Restrained DI Pipe: 2 flaggers onsite Pay Items: ITEMS: 17 PIPE 1: 140 FEET OF 16 INCH PIPE: STA 206+47 TO 207+87 5: 100 FEET OF 16 INCH TR FLEX: STA 205+47 TO 206+47 28: 3 1 INCH CORPS: STA 205+60, 206+36, 206+58 30: 1 2 INCH CORP: STA 205+71 55: 68.08 CUBIC YARDS OF BANK RUN GRAVEL (240X3.83X2) 61: 480 FEET OF STATE SAW CUT									

ITEMS: PICKETT LANE
6: 220 FEET OF 12 INCH TR FLEX: STA 535+97 TO 533+77
22: 1 12 INCH GATE VALVE: STA 534+59
28: 1 1 INCH CORP: STA 535+20
62: 440 FEET OF TOWN SAW CUT

ITEMS: 17 CURB STOPS:
0031: WATER SERVICE 1" Curb Stops - 2 115+94.5 & 116+30
0034: 1" Copper Pipe = 65.5

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken: Unresolved Issue: No Shift: 1

Kurt Mintell
Observed the installation of the 16" Pipe - reminded the QCM Jerry & Jon Pio to ensure no rocks larger the 5" are in the compacted layers of the trench.

Compaction Tests today - Steve (JTC) onsite - noted each lift being tested every 25LF as required in CT Permit.

Review compaction requirements in Pickett Lane. Initial Inspection. Reviewed the Lift thickness, proper material and compaction testing every 500Feet.

ENSURE contractor is installing curb stops in Middletown 5 feet form the curb line.

Verbal Instructions Given to Contractor: Unresolved Issue: No Shift: 1

Kurt Mintell
Ensure no out of spec. rocks are put back in the trench after installing the pipe (5 inch pipe)
Ensure silt fence is all in place and functioning
Trench Box Requirements Reviewed DAILY.
Ensure all Road CLOSED signs are removed at the end of each shift.
Ensure Pickett Land is swept clean of dirt and debris left from construction activities prior to opening the road. COVERED DAILY
Ensure the traffic limit is clearly marked on Pickett Lane to prevent vehicles from entering the construction zone. COVERED DAILY
Spoke with Jon Pio & Quincy: ensure all signs are removed, all material sept form the roadway and all construction related materials and equipment off the road at the end of the shift & prior to opening PICKETT Lane. COVERED DAILY

Enforce the speed limit on the dirt road going to the trailers to prevent unnecessary dust, CLIN74 for Calcium Chloride for dust control can be used to keep dust down.

ENSURE storm drains are protected if excavating near or around.

Miscellaneous Remarks and Visitors to Project: Unresolved Issue: No Shift: 1

Kurt Mintell
Water encountered while excavating: YES on 17

PR Comments, encounters or issues:
NONE

CT DOT onsite or communication or CTDOT related items:
Reviewed Permit Required Requirements of equipment parked 15' feet off the road. Clean all debris and components form the SROW prior to shift end.
Remind contractor to ensure no gravel or material is being dropped on the haul route. COVER 2x weekly

Miscellaneous Remarks and Visitors to Project: Unresolved Issue: No Shift: 1

Kurt Mintell Discussion with Mike Pio concerning the pay width of the trench for each diameter of water main being installed. We have an understanding that any bank run material or rock and ledge removal quantities being done during the water main installation are only paid inside the pay limits identified on the drawings on page C-502. Ludlow is over excavating beyond the pay limits by 14" in width. Mike Pio understands the Government will not pay for the additional quantities to fill the trench.
All daily quantities will accurately portray this pay limit.
The QTYs will be verified daily - KEEP THIS OPEN and check daily on QTY TRACKER

Miscellaneous Remarks and Visitors to Project: Unresolved Issue: No Shift: 1

Kurt Mintell
Jerry - QC
Rob P - SSHO
John Pio - Superintendent
Mike Pio - onsite
USACE - Kurt Mintell, Bob Christie & Lisa
AECOM - Joel
Mike Cunningham
Jimmy - JTC Consulting
Quincy - Foreman on Pickett

Safety: Unresolved Issue: No Shift: 1

Kurt Mintell
Noted portable hand wash station on back of tool truck, cleaning supplies nitrile gloves, face masks.
Workers fill out daily forms indicating they are not demonstrating any symptoms of COVID 19 and turning into SSHO.

Daily Safety Inspections:
1. Noted proper PPE while cutting Steel pipe with cut off saw.
2. Traffic Control: 2 State Police and cones on 17 - while installing the new water line. 1 Middletown Police for 4 hours on Talcott Ridge, 2 certified flaggers on Pickett Lane.
3. Discussed situational awareness while working around heavy equipment, and while allowing residents to use the shared driveway while under construction

4. Situational awareness not to work in close proximity to each other (COVID PREVENTION)
5. Trench box being used for all excavations while working in trench. REVIEW & INSPECTED today.
6. Low overhanging wires, and methods used to ensure no contact with wires. KTR is using specifically designed extendable poles to support the low hanging wires. Jon Pio is the competent person overseeing. CONTINUING
7. Noted tri axle trucks on Talcott Ridge access road - back up alarms working & back up lights working.
8. No issues with spilled material in the road today.
9. Discuss jobsite Safety Requirements on Picket Lane with new crew installing pipe. REVIEWED TODAY
10. SSHO review of the COVID 19 AHA
11. SSHO review AHA for paving on the access road - Talcott Ridge and the review the need for the residents to come and go during the paving activities.
12. Talked with the SSHO about the excavator working on 17 - noted the excavator working very close to the hanging traffic signals. A spotter was used as further precaution to prevent damage to the signals.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE