

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 527		Page 1 of 1		
					DATE 28 May 2020 - Thursday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 58 °F Max 74 °F 0.10 IN Precipitation No Wind				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND		
STRUCTURAL EXCA- VATION 100 %	BORROW EXCA- VATION 100 %	EMBANKMENT 100 %	CONCRETE 100 %	STRUCTURE 100 %	MINIMUM 58 °F	MAXIMUM 74 °F	0 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION				
					INCHES 0.10		ENDING M		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY 0	OFFICE 0	LAYOUT 0	INSPECTION 2	TOTAL 2	LABOR 0	FEET 0.0		TIME M	
NUMBER OF CONTRACTOR'S EMPLOYEES				NUMBER OF SHIFTS					
				<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3					
SUPERVISORY 0	SKILLED 0	LABORERS 0	TOTAL 0	FROM 0700	TO 1530 M	FROM M	TO M	FROM M	TO 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, Brookfield, CT - base coat on shared access road									
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 QUINCYS CREW: Pickett Lane 3rd Crew (Quincy Foreman) at Pickett Lane to installing 12" Restrained DI Pipe: 2 flaggers onsite Pay Items: 17 5: 167 FEET OF 16 INCH TR FLEX: STA 203+80 TO 205+47 11: 1 16X16X12 TEE: STA 204+43 21: 2 16 INCH BUTTERFLY VALVES: STA 204+47 AND 204+39 22: 1 12 INCH GATE VALVE: STA 204+43 28: 2 1 INCH CORPS: STA 204+36 AND 205+30 55: 47.378 CUBIC YARDS OF BANK RUN GRAVEL (167X2X3.83) 61:334 FEET OF STATE SAW CUT Pickett 2: 78 FEET OF 12 INCH PIPE: STA 536+95 TO 536+17 6: 180 FEET OF 12 TR FLEX PIPE: STA 538+55 TO 536+95 AND 536+17 TO 535+97.									

62: 516 FEET OF TOWN SAW CUT.

17 CURB STOPS

29:1.5" water Corporation

31: 1" curb stop

34: 1 inch copper pipe = 57LF

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

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

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

Water encountered while excavating: On Pickett Lane close to Maiden Lane - water was in the trench. No water 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

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