

<b>QUALITY ASSURANCE REPORT (QAR)</b> <b>DAILY LOG OF CONSTRUCTION</b>					REPORT NUMBER 514		Page 1 of 0		
					DATE 15 May 2020 - Friday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 51 °F Max 63 °F No Precipitation No Wind				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE WIND				
STRUCTURAL EXCA- VATION  0 %	BORROW EXCA- VATION  0 %	EMBANKMENT  0 %	CONCRETE  0 %	STRUCTURE  0 %	MINIMUM  51 °F	MAXIMUM  63 °F	WIND  0 MPH		
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT?					24 HOUR PRECIPITATION				
					INCHES  0.00		ENDING  M		
NUMBER OF GOVERNMENT EMPLOYEES					RIVER STAGE				
SUPERVISORY  0	OFFICE  0	LAYOUT  0	INSPECTION  1	TOTAL  1	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.									
<b>QA NARRATIVES</b>									
<b>Contractor/Subcontractor &amp; Area of Responsibility for Work:</b>					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 - 0 State Police -2									
<b>Work Performed Today:</b>					Unresolved Issue: No      Shift: 1				
Kurt Mintell Water Tank Site and Access Road: Milling temp pavement with 12" overlap on Talcott Ridge Road One Middletown Police onsite. Noted there was some issues with the milling machine that slowed down production Noted KTR milling out 4" of material.  State/Town Roads: 2 State Police directing traffic Install 16" DI pipe from on                      17. Ledge removal at STA 194+50 almost in intersection of 68. 2 State Police on 17 1 State Police on 68 Installing Butterfly valves and Gate valves.  Pickett Lane 3rd Crew (Quincy Foreman) at Pickett Lane to installing 12" Restrained DI Pipe: 2 flaggers onsite  Pay Items: ITEMS: 5: 142 FEET OF 16 INCH TR FLEX PIPE: STA 193+36 TO 194+78 28: 3 1 INCH CORPS: STA 194+13, 194+32.5, 194+64 54: 72.22 CUBIC YARDS OF ROCK EXCAVATION (ROCK STARTED AT STATION 194+00) 55: 18.15 CUBIC YARDS OF BANK RUN GRAVEL 61: 284 FEET OF SAW CUT IN STATE ROAD  QUINCY'S CREW ITEMS: 2: 162 FEET OF 12 INCH DUCTILE IRON PIPE: STA 513+53 TO 514+72 AND STA 515+12 TO 515+55 6: 120 FEET OF 12 INCH TR FLEX PIPE: STA 512+73 TO 513+53 AND 514+72 TO 515+12 28: 2 1 INCH CORPS: STA 512+75 AND 514+08 62: 564 FEET OF SAW CUT IN TOWN ROADS									
<b>Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:</b>					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

**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.

Ensure the traffic limit is clearly marked on Pickett Lane to prevent vehicles from entering the construction zone.

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.

**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

AECOM - Joel

Mike Cunningham

Steve - JTC Consulting

Quincy - new Foreman on Pickett

**Miscellaneous Remarks and Visitors to Project:**

Unresolved Issue: No

Shift: 1

Kurt Mintell

Water encountered while excavating:

Water on Pickett Lane while excavating on the west side of the stream location.

PR Comments, encounters or issues:

Met with Luigi (216 Talcott Ridge) to hear his concerns:

1. Maintain the left hand sweep out of his driveway - Billy is adjusting the curve to accommodate.

2. No guard rail across from his driveway

3. The culvert under his driveway needs to be cleaned out and stone added at the entrance.

These items were relayed to Ed Hathaway.

Encounter with Birton Hall (The person who rolled into Mike Cunningham with his car). He requested to attend the weekly meeting. I told him the meeting is not open to the public.

CT DOT onsite or communication:

NONE today - reviewed Permit Required Requirements of equipment parked 15' feet off the road. Clean all debris and components form the SROW prior to shift end.

**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 Pickett Lane with new crew installing pipe. REVIEWED TODAY

10. Discussed signage and traffic control.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE