

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 542		Page 1 of 1	
					DATE 12 Jun 2020 - Friday			
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002			
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 0 °F Max 0 °F No 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 0 °F	MAXIMUM 0 °F	0 MPH	
HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING FO FACT? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (Explain)					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.								
QA NARRATIVES <div style="display: flex; justify-content: space-between;"> <div> Contractor/Subcontractor & Area of Responsibility for Work: 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 </div> <div> Unresolved Issue: No Shift: 1 </div> </div> <div style="margin-top: 10px;"> Work Performed Today: Kurt Mintell Water Tank Site and Access Road: Taking elevation shots for the tank site elevation State/Town Roads: ----- JONS CREW: 2 State Police directing traffic. Install 12" Restrained pipe on 68. Three police directing traffic. BILLYS CREW ----- Install curb stops in front of Linos Deli and the house across the street. Quincy ----- Install 6 inch pipe toward the high school. The drawing show the water main to be tied into in a different location the where the main actually is. Ludlow dug a test pit and had to do additional saw cut (CLIN62) to reach the location of the existing main. They will not tie into the existing water main. I spoke with M.Pio and he will add onto the qlys for saw cut today and add test pit (dug at the location shown on the plane) Pay Items: BILLYS CREW ----- 031 - 1" Curb Stops = 4 145+82, 147+37, 146+53, 146+83 034 - 1" Copper Pipe =125.3 LF 060 - Saw Cut State Road = 178.5 LF JONS CREW ----- ITEMS: </div>								

2: 40 FEET OF 12 INCH PIPE: STA 601+62 TO 602+02
6: 100 FEET OF 12 INCH TR FLEX: STA 600+62 TO 601+62
54: 64.81 CUBIC YARDS OF ROCK EXCAVATION
55: 10.37 CUBIC YARDS OF BANK RUN GRAVEL (40X3.5X2)
61: 280 FEET OF STATE SAW CUT

QUINCYS CREW

ITEMS:

9: 82 FEET OF 4 INCH DUCTILE IRON PIPE FOR SCHOOL SERVICES STA 525+75
52: 32.38 CUBIC FEET OF TEST PIT EXCAVATION: FIRST TEST PIT WAS TO LOCATE EXISTING 4 INCH WATER MAIN AS DETAILED ON THE PLANS BUT THE EXISTING WATER MAIN COULD NOT BE FOUND. SOMEONE FROM THE SCHOOL TOLD US WHERE THE LOCATION OF THE 4 INCH WATER MAIN WAS AND WE CONDUCTED THE TEST PIT THEIR AND FOUND IT AND IT WAS SEVERAL FEET OFF THE LOCATION GIVEN TO US ACCORDING TO THE PLANS AND THE ALIGNMENT OF THE PIPE HAD TO CHANGE WITH THE ADDITION OF A 45 DEGREE BEND TO CORRECT THE ALIGNMENT TO INTERSECT THE EXISTING 4 INCH WATER MAIN. TEST PIT ONE (25X5X4) , TEST PIT 2 (15X5X5)
62: 130 FEET OF TOWN SAW CUT

PRESSURE TEST WAS CONDUCTED ON RT 17 ON THE 16 INCH WATER MAIN FROM STA 175+26 TO 195+26.5 FOR 2 HOURS AT 160 PSI AND PASSED.

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

Kurt Mintell Observed slope stabilization at the tank site- stabilizing mat placed
Noted silt fence at booster station needing repair - notified QCM

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 Lane 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 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: YES on Pickett Lane at the intersection of the high school & Pickett

PR Comments, encounters or issues:

Installing curb stop for Linos. Additional traffic control to ensure customers can come and go from Linos
CT DOT onsite or communication or CTDOT related items: Talked with Steve Wright - yes, no issues.
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. JONS CREW
2. Traffic Control: 2 State Police and cones on 17 - while installing the new water line. 4 State Police on 17 & 1 certified flagger.
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. Street sweeping on Pickett - road not closed but truck onsite with flashing lights

QA REPRESENTATIVE'S SIGNATURE	DATE	RE/PROJECT ENGR'S INITIALS	DATE
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