

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 548		Page 1 of 1			
					DATE 18 Jun 2020 - Thursday					
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002					
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 89 °F Max 71 °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 %	89 °F	71 °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			
NUMBER OF GOVERNMENT EMPLOYEES SUPERVISORY OFFICE LAYOUT INSPECTION TOTAL LABOR 1 0 0 2 3 0					RIVER STAGE					
					FEET		TIME			
NUMBER OF CONTRACTOR'S EMPLOYEES					NUMBER OF SHIFTS					
SUPERVISORY SKILLED LABORERS TOTAL 0 0 0 0					FROM TO		FROM TO		FROM TO	
					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: <div style="float: right; text-align: right;"> Unresolved Issue: No Shift: 1 </div> <p>Kurt Mintell Project involves installing water main from a new Middletown Water Tank into Durham and tying into homes & businesses:</p> <p>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 - NO Subcontractor Vellieux - 0 Middletown Police - 1 State Police -3 A&J Paving - NA Vallieux Saw Cut - NO Northern Land Clearing onsite, clearing by the Valero and will head to Pickett to</p>										
Work Performed Today: <div style="float: right; text-align: right;"> Unresolved Issue: No Shift: 1 </div> <p>Kurt Mintell Water Tank Site and Access Road: NO work onsite today</p> <p>State/Town Roads: -----</p> <p>JONS CREW: 1 State Police directing traffic. 1 Certified Flagger Install 12" Restrained pipe on 68. JTC onsite (Steve) for compaction testing. Noted lack of ledge in the trench</p> <p>BILLYS CREW -----</p> <p>Install curb stops across 17 in Durham @ 454 Main and surrounding residences. Noted loam raked out and seeded on the properties prior to moving. Install curb stop at Durham Auto - noted very little ground water in the trench. 2 Certified flagger</p> <p>Quincy -----</p> <p>Trench & install 12" Restrained pipe on Maiden Lane heading toward 17. Noted JTC (Steve) onsite conducting Compaction Testing every 500LF. 1 Flaggers onsite</p> <p>Northern Land Clearing -----</p> <p>Clearing trees, chipping at the stream crossings and on 17 by the Valero.</p> <p>Pay Items:</p>										

BILLYS CREW**ITEMS:**

0031: CURB STOPS=4- 153+56, 152+94, 152+19, 151+70
0034: 1" Copper Pipe =166LF
0062: Sawcut town - 201.00LF

JONS CREW**ITEMS:**

2: 41 FEET OF 12 INCH PIPE: STA 604+64 TO 605+05
6: 179 FEET OF 12 INCH TR FLEX PIPE: STA 605+05 TO 606+84
14: 1 12X12X12 TEE: STA 606+65.5
15: 1 12X12X8 TEE: STA 606+76.5
22: 3 12 INCH GATE VALVES: STA 606+61, 606+65.5, AND 606+80.5
23: 1 8 INCH GATE VALVE: STA 606+76.5
55: 57.03 CUBIC YARDS OF BANK RUN GRAVEL: (220X3.5X2)
61: 440 FEET OF STATE SAW CUT
QUINCYS CREW

ITEMS:

2: 69 FEET OF 12 INCH PIPE: STA 420+48 TO 421+17
6: 173 FEET OF 12 INCH TR FLEX PIPE: 420+48 TO 418+75
22: 1 12 INCH GATE VALVE: STA 419+00
62: 484 FEET OF TOWN SAW CUT

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

Kurt Mintell Observed proper lifts being placed in State Roads.

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 DAILY
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. Discussed with Jon Pio the QTY in the CLIN and not to go over without discussing with USACE first. He agreed that he will no be going over with notifying USACE Rep.

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, WILL CLOSE on 6/19/2020

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

Kurt Mintell

Water encountered while excavating: YES on Maiden Lane by the Pickett Intersection.
YES on 17 for curb stops - The curb stop for Durham Auto had a small amount of ground water

PR Comments, encounters or issues: NONE TODAY
CT DOT onsite or communication or CTDOT related items: NONE
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: 2

Kurt Mintell

Safety Inspections at four separate locations today:

1. Curb Stop Installation on 17 in Durham:
 - a. Traffic Control - 2 flaggers and lane closed with cones and signs
 - b. Trench Box Properly being used. - yes
 - c. PPE - yes
 - d. Heavy Equipment - no guards or safeties identified as missing
 - e. Miscellaneous tools and equipment - check electrical cords for grounds - good
2. Pipe Installation on 68 in Durham:
 - a. Traffic Control - 2 flaggers and lane closed with cones and signs
 - b. Trench Box Properly being used. - yes

- c. PPE - yes
- d. Heavy Equipment - no guards or safeties identified as missing
- e. Miscellaneous tools and equipment - check electrical cords for grounds - good

3. Pipe Installation on Pickett Lane in Durham:

- a. Traffic Control
- b. Trench Box Properly being used.
- c. PPE
- d. Heavy Equipment
- e. Miscellaneous tools and equipment

4. Northern Clearing:

- a. PPE good
- b. Traffic Control - one flagger

Noted State Police had 3 troopers not show today - Ludlow used Certified Flaggers. This was discussed at the Weekly Meeting.

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