

QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION					REPORT NUMBER 541		Page 1 of 0		
					DATE 11 Jun 2020 - Thursday				
PROJECT Durham Meadows Waterline Remedial Design					CONTRACT NUMBER W912WJ19C0002				
CONTRACTOR Ludlow Construction Co., Inc.					WEATHER Weather Caused No Delay Temperature Min 68 °F Max 72 °F No Precipitation 13 MPH Wind				
PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS					TEMPERATURE		WIND		
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE	MINIMUM	MAXIMUM			
0 %	0 %	0 %	0 %	0 %	68 °F	72 °F	13 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		
1	0	0	1	2	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				
Robert Christie 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 - John Turner Consulting - Compaction testing Subcontractor - NY-CONN - Repairing of the traffic loops Subcontractor - Veilleux Concrete cutting - Saw cutting									
Work Performed Today:					Unresolved Issue: No Shift: 1				
Robert Christie Billy's Crew: 2- State police directing traffic Installed 2 - 1" curb stops in Durham on route 17 at stations 143+33 and 144+59. John's Crew: 2 - State Police directing traffic Installed 3 - Fire Hydrant assemblies at stations 194+49, 187+44 and 183+57.5 Encountered ledge. Quincy's Crew: 2- Certified Flaggers Installed - 2 Fire hydrant assemblies on Pickett lane at stations 503+93 and 509+05. Installed 1 - 1" curb stop at station 512+75. Installed 15 feet of 1" copper pipe. Pete from Ludlow continued working South on route 17 pressuring the water main.									
Pay Items: 1. Police - 4 State Police 2. Flaggers - 2 3. Illuminated Signs - yes 4. Sawcut State Roads - 179 Feet 5. Sawcut Town Roads - 46 Feet 6. Bank Run Gravel- 3.5 Cubic Yards 7. Ledge Removal - 4 Cubic Yards 8. Fire Hydrant Assemblies - 5 9. 1" - Curb stops - 3 10. 1" - Cooper Pipe - 114 Feet									
Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken:					Unresolved Issue: No Shift: 1				
Robert Christie Follow up inspection of the fire hydrant installations on route 17 and Pickett lane. Once the hole was excavated they Fabric was placed in the bottom of the excavation followed by 6" of 3/4" stone. Then the stone was covered with fabric. They then placed 3" of sand, installed the pipe and									

placed 12" of sand over the pipe followed by 3 - 12" lifts of native material or processed gravel where they encountered unsuitable material and compacted each lift. Placed 2 - 8" lifts of processed gravel and compacted each lift. Finally placed 4" of HMA in two 2" compacted lifts.

No water was encountered in the trench today.

Compaction Tests today - Yes, Observed John Turner Consulting performing the compaction tests. All of the tests were above the required 95%.

Drove by the storage during my shift. Observation made both times was no material was spilled on the ground and no damage to asphalt. The catch basin did have sediment control fabric in it and did not appear to be clogged.

Follow up inspection of the curb stop installations on route 17 in Durham. Curb stops are being installed per the drawings.

Verbal Instructions Given to Contractor:

Unresolved Issue: No

Shift: 1

Robert Christie

Verbally instructed the contractor per Steve Wright to not work on installing any pipe on route 68 today due to the forecasted rain coming in this morning.

During the weekly meeting we discussed the issue we had yesterday with the homeowner at 136 Oak Terrace while installing the curb stop were we almost dug into his leaching field. It was decided that Ludlow ahead of time will place a stake identifying where the curb stop will be. Mike Cunningham will also be adding a brief summary in his notices to the homeowners letting them know what the stake is and if they have any issues or concerns to contact the town prior to Ludlow arriving in case it needs to be moved.

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Robert Christie

Jerry - QC

Rob P - SSHO

John Pio - Superintendent

Mike Pio - onsite

USACE - Kurt Mintell

AECOM - Joel was onsite providing extra oversight of the contractor.

Mike Cunningham

JTC Consulting

USACE - Lisa Belisle was onsite for the weekly meeting

Miscellaneous Remarks and Visitors to Project:

Unresolved Issue: No

Shift: 1

Robert Christie

Water encountered while excavating:

No water was encountered in the trenches today.

PR Comments, encounters or issues:

While driving by the lay down yard on Commerce Circle I witnessed a dump truck approximately 20 into the parking lot across from the entrance. I spoke to the excavator operator and informed him again that the owner of the property doesn't want any vehicles on there property. He told me this was a new company and immediately addressed it with the two truck drivers.

Meet with Brian from Middletown at the tank access road along with Lisa, Mike Pio and Joel. A safety issue on the shared access road has been brought to our attention. The inlet for one of the culverts is too close to the road and the concern is that a City vehicle could drop off the edge at that location due to only having about 1 foot shoulder before it drops off. The plan is to extend the culvert on the inlet side to create a wider shoulder. It was discussed that the best course of action was to extend the current RCP inlet culvert 8' to the south, add fill and rip rap to tie in with existing grades and not install a guard rail. This would give them about 5 feet of shoulder off of the side of the road.

CT DOT onsite or communication:

Spoke to Steve Wright this morning and he felt with the rain coming in this morning he didn't want route 68 opened today. He did allow the contractor to work on state roads doing hydrants or curb stops that due to the excavations being smaller that would allow the contractor to close the trench quicker once the rain began.

Safety:

Unresolved Issue: No

Shift: 1

Robert Christie

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. Discussed situational awareness while working around heavy equipment, and while allowing residents to use the shared driveway while under construction
3. Situational awareness not to work in close proximity to each other (COVID PREVENTION)
4. Trench box being used for all excavations while working in trench.

QA REPRESENTATIVE'S SIGNATURE

DATE

RE/PROJECT ENGR'S INITIALS

DATE