

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER 491	Page 1 of 4
		DATE 22 Apr 2020 - Wednesday	
PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002	
CONTRACTOR Ludlow Construction Co., Inc.	WEATHER Weather Caused No Delay Temperature Min 33 °F Max 48 °F 0.61 IN Precipitation 17 MPH Wind		

QC NARRATIVES

JOB SAFETY

SAFETY:
Crews arrived at 7:00am, Departed at 5:00pm
*SSHO Rob Peddicord:
*Monitored 2 crews production activities: Jonathon Pio and Billy DaCruz, foremen
*Jonathon Pio's crew working at Rt 17 SB, intersection of 147. Installed pipe from sta 164+19 to 165+66
NOTE: Unmarked communication line encountered at sta 165+76. PVC conduit cracked, no damage to lines. Frontier Communication made temporary repairs. Permanent repairs to be done tomorrow, 4-23-2020
*Monitored Traffic Safety setup: In compliance with Plan 13 of DOT Form 817. Three State Police doing traffic control
*2-Operators, 2-Truck drivers, 5-laborers

*Billy DaCruz crew continued installing pipe at the back end of the cul-de-sac of Talcott Ridge; in the driveway, working in the water tank area. Installed concrete inlet pipe and Catch Basin at sta 14+40. See QC narrative for specific data.
*2-Operators, 2-Truck drivers (1-sub), 3-Laborers

*Borrow/Dump Yard: 1 Operator loading dumps with trench backfill material; maintaining waste piles

*Performed daily checklist inspections on Daily Report; Crews wearing all required PPE, Trench boxes, ladders being used, Crews alert of surroundings. Safety in compliance with EM 385-1-1. COVID-19 precautions being followed
*Performed Post Rain Event Inspections on silt fencing with QC Mgr Jerry Brandon and USACE rep Bob Christie. No ruptures found, minor preventive maintenance needed.

*Office work: The SSHO continued collecting and filing crew paperwork for AHAs, Initial Inspections, and Daily Equipment Inspections

WORK PERFORMED TODAY

WORK PERFORMED TODAY
Onsite 7:00 AM ; Offsite 5:00 PM
PERSONAL;
Project Manager 1
Superintendent 5
Operators 5
Labors 7
Truck Drivers 4
VISITERS: Steve Wright, Dale E.
SUBCONTRACTORS ON SITE:
Turner Consultants = 1
Police Officers = 3
Keystone Com
WORK COMPLETED;
Jon's Crew continued installing 16" pipe on Rt 17. . This occurred at STA 165+76
Billie's crew installed catch basins for RCP pipe.
PAY ITEMS:
16" DI Restrained Pipe = 147 Feet of TR FLEX at STA 164+19 to 165+66
3 - 1" Water Service 1 inch Corporations = at STA 164+62, 165+58.5, and 165+60.5
17.4 Feet 18 inch RCP Drain pip
27 Feet of 24 inch RCP
1- Catch Basin
Road Gravel= 41.70 CY Bank Run Gravel
Saw Cut= 294 feet in State Road
COMPACTION:
Review methods in sequences of installation with Ludlow Superintendent:
The compaction tests took place over the distance from Station number 164+19 to 165+69, 150 ft total working distance. Following the specs I took 5 test per 25 feet (1 test per each lift of "bank run" (3.5" or natural on site material) totaling 3 tests, and 1 per each lift of "process" (1.5") totaling 2 tests, again per 25 linear feet. Totaling 30 test over 150 feet.
Below are the percentages for the final dry density and moisture results in order of first lift to final. They are separated by 25 foot sections. These will be in the final report and will have the comprehensive information along with an accompanying image for a call-out for test locations.
1. 96.8 - 7.7 164+19 to 164+44
2. 97.7 - 6.8

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER	Page 2 of 4
		491	
		DATE	
		22 Apr 2020 - Wednesday	
PROJECT		CONTRACT NUMBER	
Durham Meadows Waterline Remedial Design		W912WJ19C0002	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>3. 98.5 - 5.7</p> <p>4. 99.0 - 3.7</p> <p>5. 99.5 - 3.9</p> <p>1. 98.0 - 6.6 164+44 to 164+69</p> <p>2. 95.6 - 6.9</p> <p>3. 95.9 - 6.1</p> <p>4. 98.4 - 4.0</p> <p>5. 99.2 - 3.2</p> <p>1. 97.9 - 6.7 164+69 to 164+94</p> <p>2. 98.0 - 7.3</p> <p>3. 96.4 - 6.7</p> <p>4. 97.0 - 3.8</p> <p>5. 95.0 - 2.0</p> <p>1. 96.7 - 6.3 164+94 to 165+19</p> <p>2. 95.7 - 6.5</p> <p>3. 97.3 - 6.0</p> <p>4. 98.8 - 4.3</p> <p>5. 95.7 - 2.6</p> <p>1. 99.3 - 8.0 165+19 to 165+44</p> <p>2. 99.2 - 5.1</p> <p>3. 96.8 - 6.8</p> <p>4. 98.5 - 2.3</p> <p>5. 97.2 - 2.1</p> <p>1. 95.9 - 7.6 165+44 to 165+69 (a portion of this area will be re-disturbed during the continuation of the run)</p> <p>2. 97.9 - 5.3</p> <p>3. 96.4 - 4.7</p> <p>4. 98.2 - 2.9</p> <p>5. 99.2 - 3.1</p> </div> <div style="width: 50%;"> <p>EQUIPMENT:</p> <p>7-Pickups; T-77, T-84, T-65, T-14, T-78, T-50. T-45</p> <p>10-Dumps; T-25, T-36, T-64, T-86, T-64, T-25, T-36, T-84, V-07, T-21</p> <p>5-Excavators; E-19 Track Hoe, E-9 336 Cat Track Hoe, TE 15 Volvo EW170 Rubber Tire Track Hoe Volvo E-20, Volvo TE-6</p> <p>4-Front End Loader, Cat 950K L-5 (@ Pit), , L-20 Komat'su 380 L-20, Cat 950M L-18,</p> <p>1-Bull Dozer</p> <p>3-R-4 Volvo Roller. Volvo R-18, R-17</p> <p>2-Broom B-5, B-4</p> <p>UTILITIES ENCOUNTERED:</p> <p>Com Cables inside PVC conduit at STA 165+76 was clipped when excavating for the water line. The PVC was broken on top side of PVC. Frontier was called and they wrapped the wire casing inside the PVC conduit. Ludlow Construction will repair the PVC conduit when they cross beneath the utility.</p> <p>QA/QC:</p> <p>Sediment Control is in good shape. A post rain event inspection was performed with Government Rep. (QA). No ruptures found. Minor preventive maintenance needed. One area fence laying over and needs to be secured.</p> <p>QA Bob Christy spoke to us about addressing the issue of the storm drains being covered per SWPP.</p> <p>PROJECT LAISON COORDINATOR:</p> <p>Job Narrative:</p> <p>Updated the work accomplished since last meeting for the Agenda for Thursday, April 23rd Weekly Progress Meeting.</p> <p>Started working on the Bi-Weekly Graphic Progress Report which is due on Friday, April 24, 2020.</p> <p>Met the property owner Mike Purcell about his concerns with his property that abuts the Meter Vault location. Told him Ludlow would topsoil the property that was disturbed within two weeks. He was good with that.</p> <p>Continued to work on the Two-Week Lookahead for the Weekly Progress Meeting and the Bi-Weekly Graphic Progress Report.</p> <p>Onsite on Main Street in Durham. Crew # 2 hit an unmarked communication conduit. No damage to the wires inside the conduit. Conduit was damaged. Frontier onsite to make a temporary repair for the evening. Final repairs will be made on Thursday, April 23, 2020. Stephen Wright (DOT) onsite during the repair. Crew still onsite at 4:30 pm when MJC offsite.</p> </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>PREP/INITIAL DATES</p> <p>Preparatory Inspections held today</p> <p>No preparatory inspections held today</p> <p>Initial Inspections held today</p> <p>No initial inspections held today</p> </div> <div style="width: 50%;"> <p>(Preparatory and initial dates held and advance notice)</p> </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>ACTIVITY START/FINISH</p> <p>Activity No Description</p> <p>No activities were started or finished today</p> </div> <div style="width: 50%;"></div> </div>			

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER 491	Page 3 of 4	
		DATE 22 Apr 2020 - Wednesday		
PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002		
QC REQUIREMENTS				
Requirement No	Type	Description	Results	
CT-00109	QC Test	SWWP inspection for 4/21-20	Awaiting Results	
CT-00110	QC Test	The compaction tests took place over the distance from Station number 164+19 to 165+69, 150 ft total working distance. Following the specs I took 5 test per 25 feet (1 test per each lift of "bank run" (3.5" or natural on site material) totaling 3 tests, and 1 per each lift of "process" (1.5") totaling 2 tests, again per 25 linear feet. Totaling 30 test over 150 feet.	Awaiting Results	
ISSUED QA/QC DEFICIENCY (Describe QA and QC Deficiency items issued)				
Item No	Location	Description		
No QC Deficiency items were issued today				
CORRECTED QA/QC DEFICIENCY (Report QC and QA Deficiency items corrected)				
Item No	Location	Description		
No QC Deficiency items were corrected today				
CONTRACTORS ON SITE (Report first and/or last day contractors were on site)				
Name	First Day	Last Day		
No Contractors had their first or last day on the site				
LABOR HOURS				
Employer	Labor Classification	Number of Employees	Hours Worked	
Ludlow Construction Co., Inc.	TRUCK DRIVER, GROUP 1	3.0	24.0	
Ludlow Construction Co., Inc.	LABORER, GROUP 1	6.0	48.0	
Ludlow Construction Co., Inc.	PROJECT MANAGER	1.0	8.0	
Ludlow Construction Co., Inc.	OPERATOR HEAVY EQUIPMENT 1	3.0	16.0	
Ludlow Construction Co., Inc.	SSHO	1.0	8.0	
Ludlow Construction Co., Inc.	QUALITY CONTROL SYSTEM MGR	1.0	8.0	
Total hrs worked to date:	10,784.5	Hrs worked MTD:	1,998.0	Total: 15.0 112.0
EQUIPMENT HOURS				
Serial Number	Description	Idle Hours	Operating Hours	
WH5449, L-20	Kumatsu Front End Loader Billy	0.0	8.0	
03101	Volvo EW170 Rubber Tire Track Hoe, TE-6	0.0	8.0	
531660128	Bobcat Skidsteer S-2	0.0	3.0	
0336FCRAB	Cat 336 Track Hoe E-4	0.0	8.0	
T-36	Dump Truck T-36	0.0	8.0	
B-5	Sweeper B-4	0.0	0.0	
T-25	Dump Truck T-25	0.0	8.0	
007	Dump Truck, Vynalek 007	0.0	8.0	
ECR145DL, E-20	Volvo Excavator E-20	0.0	8.0	
L-5	Cat 950K L-5 Pit	0.0	8.0	
E-19	Cat 314C Trackhoe E-19	0.0	8.0	
T-41	Ludlow Pressure Test Truck T-41	0.0	8.0	
T-50	Ludlow Pickup Truck T-50	0.0	8.0	
T-14	Ludlow Pickup Truck T-14	0.0	0.0	

<div> <div>CONTRACTORS QUALITY CONTROL REPORT (QCR)</div> <div>DAILY LOG OF CONSTRUCTION</div> </div>				<div>REPORT NUMBER</div> <div>491</div>		Page 4 of 4	
				<div>DATE</div> <div>22 Apr 2020 - Wednesday</div>			
<div>PROJECT</div> <div>Durham Meadows Waterline Remedial Design</div>				<div>CONTRACT NUMBER</div> <div>W912WJ19C0002</div>			
TE-6	Track Hoe (Already listed at 0002)	Same as item 2		0.0	8.0		
T-27	Dump Truck T-27			0.0	8.0		
E-9	336 Track Hoe			0.0	8.0		
Cat 950M	Cat 950M Fork Loader			0.0	8.0		
T-64	Dump Truck T-64			0.0	8.0		
T-77 Work Truck	Pick Up Truck Billys			0.0	8.0		
T-65	Ludlow Pickup Truck T-65			0.0	8.0		
B-5 Sweeper	Sweeper Billys Crew			0.0	2.0		
R-4 Roller Jons	Roller Compacter Billies			0.0	2.0		
TE 15 Excavator	Track Hoe			0.0	8.0		
T-84 Pick Up	Work Truck			0.0	8.0		
T-78 PU Truck	PU Truck			0.0	8.0		
950 M L-18	Loader Jon			0.0	8.0		
R-15 Roller	Compactor JON			0.0	8.0		
D5 Cat	D-1			0.0	2.0		
T-86 Dump	Dump			0.0	0.0		
T-21 Dump Billy	Dump Truck T-21 Billy			0.0	8.0		
P U L45	PU L- 45 Billy			0.0	0.0		
R-17 Roller	Roller Billy			0.0	0.0		
T-86 Work Truck	Pick Up Truck Billy			0.0	8.0		
Total operating hrs to date:		10,035.5	Idle hrs MTD:	0.0	Opr hrs MTD:	2,445.0	Total: 0.0 209.0
<div> <div>MISHAP REPORTING</div> <div>(Describe mishaps)</div> <div>No mishaps reported today</div> </div>							
<div>CONTRACTOR CERTIFICATION</div> <div>On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.</div>							
QC REPRESENTATIVE'S SIGNATURE			DATE		SUPERINTENDENT'S INITIALS		DATE