

<b>CONTRACTORS QUALITY CONTROL REPORT (QCR)</b> <b>DAILY LOG OF CONSTRUCTION</b>		REPORT NUMBER 335	Page 1 of 4
		DATE 18 Nov 2019 - Monday	
PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002	
CONTRACTOR Ludlow Construction Co., Inc.	WEATHER Weather Caused No Delay Temperature Min 39 °F Max 47 °F No Precipitation 17 MPH Wind		

  

**QC NARRATIVES**

**JOB SAFETY**

SAFETY:  
DAY SHIFT:  
PPE; Personal Protective Equipment worn by all the crew.  
Job site clean up after work performed. Looks Good.  
Haul route was inspected for debris. Road Clean, Looks Good.  
Daily Inspections of the Environmental Protection and silt fences.  
The Protection is Operational and no problems found.  
Someone knocked the safety cones over in the parking lot across from pit and drove on the area.  
Weekly Safety Meeting: Topic Electrical Cords.

  

NIGHT SHIFT: Arrived at 7:00pm. Traffic safety setup by 7:15pm. Production began at 7:30pm.  
\*SSHO Rob Peddicord:  
\*Monitored Jonathon Pio's crew production  
\*Conducted Weekly Safety Meeting: Topic, Dump truck safety  
\*Monitored weather; Clear, cold  
\*Monitored Traffic Safety setup: In compliance with Plan 13 of DOT Form 817. Certified flaggers used; certs verified. Traffic Control stations sufficiently illuminated  
\*Performed daily checklist inspections on Daily Report; Crew wearing all required PPE, Trench boxes, ladders being used, Work zones illuminated, Crew alert of surroundings. Safety in compliance with EM 385-1-1  
\*Inspected haul road and Borrow/Dump Pit; silt fence needs attention  
\*Filed weekly paperwork: WSM, AHAs, DEIs

  

**WORK PERFORMED TODAY**

JERRY BRANDON QC/SSHO. Onsite 5:30 AM ; Offsite 3:30 PM  
PERSONEL;  
WEEKLY SAFETY MEETING;  
Topic; Electrical Cords.  
Superintendent 1  
Operators 2  
Labors 4  
Truck Drivers 2  
VISITERS:  
SUBCONTRACTORS ON SITE:  
Police Officer 1 = Hour  
WORK COMPLETED;  
16" DI Pipe= N/A  
20 "DI Restrained Pipe= N/A  
8" DI Restrained Pipe = Start 601+22.92 Stop 602+82.92 = 160 Feet of Pipe  
Rock = 12.40 CY = Station 601+70.24 to 602+02.92  
Road Gravel= 26.48 CY.  
Saw Cut= 320 Feet.  
COMPACTION:  
1: 98.1 7.7 M = 601.42  
2: 97.9 8.2 M = 601.42  
3: 97.4 7.8 M = 602.  
Review methods in sequences of installation with Ludlow Superintendent:  
Compaction Lifts were checked and measured by QC.  
All Compactions were Good.  
Heat Test Performed = 314 Degrees Off Truck, 289 Degrees after spread 189 Degrees after rolled 1st time.  
Fire Hydrant: N/A  
EQUIPMENT: 3-Pickups; T-84, T-77, T-87  
4-Dumps; T-9, T-36, T-64, Vynalek JRV Unmarked.  
3-Excavators; E-19 Track Hoe, E-9 336 Cat Track Hoe, Volvo EW170 Rubber Tire Track Hoe.  
2-Front End Loader, Cat 950K L-5 (@ Pit), , L-20 Komat'su 380 L-20  
1-R-3 Sweeper,  
1-R-8 Dynapac Roller.  
COMPONENTS INSTALLED; N/A  
UTILITIES ENCOUNTERED: NA  
QA/QC:  
Sediment Control on Talbott Road is in good shape. Silt Fence's all were in good condition and performing Adequately.

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<p>Haul Road was checked for Debris. None Found.</p>  <p>NIGHT SHIFT: Arrived 7:00pm, Departed 5:00am          *Crew Foreman Jonathon Pio; SSHO/QC Rob Peddicord          *CREW: 1-Foreman, 1-Op, 3-Truck drivers, 1-Op/Labor, 4-Labor          *EQUIPMENT: 4-Pickups; T-14, T-50, T-78, T-42                        5-Dumps; T-25, T-40, T-60, T-85, Vynalek 07                        4-Excavators; Cat 336 E-4, Volvo E170, Volvo E-20, Cat 325                        2-Loaders: Cat 950M, Cat 950K L-5 (@ Pit)                        1-Bobcat S-5, 1-Broom B-5, 1-Roller RD27 R-15          *SUPPORT/SUBS: 1-JTC tech, 2-Certified Flaggers; certs verified          *PRODUCTION: Installed 16" pipe from Sta 153+47 to 155+10 = 163ft Total                            *Restrained from 153+47 to 153+67 = 20ft                            *Straight from 153+67 to 155+10 = 143ft                            *WS at Stas 153+56 and 154+71                            *Two 1" Corp          *UTILITIES ENCOUNTERED: 15" CMP, at Sta 154+12. Pipe badly rotting, needs replaced.                                        *NOTE: 15" CMP encountered tonight and 12" CMP encountered at Sta 151+33: After initial backfilling was completed, the installation trench was widened over top of both CMPs. Processed stone backfill was then placed and compacted to assure all air voids from undermining were eliminated          *QA/QC: Wet, rocky native material was removed from the trench and trucked out; Drier, less rocky material was trucked back in and placed per specifications.          *JTC tech Steve Sturges performed and recorded NDTs as required, Tech also monitored lift thicknesses, elevations, and rock content in soil backfill. Ludlow laborer also monitored lifts and rock content in soil. (Ludlow continued using native soil as middle backfill)          *Ludlow Foreman Jonathon Pio checked pipe elevations and station locations          *QC Mgr Rob Peddicord checked asphalt temperatures off the truck and during compaction.          NOTE: Light rain began falling at approx 1:30am, and continued intermittent until asphalt placement was completed at approx 4:30am. DOT inspector Dale Ethier was present for asphalt placement.</p> <p>PROJECT LAISON COORDINATOR:          Job Narrative:</p>																											
<p><b>PREP/INITIAL DATES</b> (Preparatory and initial dates held and advance notice)</p> <p>Preparatory Inspections held today _____</p> <p><b>No preparatory inspections held today</b></p> <p>Initial Inspections held today _____</p> <p>Flexible Paving _____</p>																											
<p><b>ACTIVITY START/FINISH</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; width: 15%;">Activity No</th> <th style="text-align: left; width: 85%;">Description</th> </tr> <tr> <td colspan="2" style="height: 40px; vertical-align: bottom;"> <b>No activities were started or finished today</b> </td> </tr> </table>				Activity No	Description	<b>No activities were started or finished today</b>																					
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<p><b>QC REQUIREMENTS</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; width: 15%;">Requirement No</th> <th style="text-align: left; width: 10%;">Type</th> <th style="text-align: left; width: 55%;">Description</th> <th style="text-align: left; width: 20%;">Results</th> </tr> <tr> <td>CT-00083</td> <td>QC Test</td> <td>Rt 17 South, Beginning Sta 151+50, Parsons road and in front of Durham Auto. Compaction Tests were performed as layers of fill were placed. No failing tests.</td> <td>Awaiting Results</td> </tr> <tr> <td>CT-00086</td> <td>QC Test</td> <td>98.1% Comp. 7.7 Moisture 97.9% Comp 8.2 Moisture 97.4% Comp 7.8 Moisture</td> <td>Awaiting Results</td> </tr> <tr> <td>CT-00087</td> <td>QC Test</td> <td>Off Truck 314 Degrees</td> <td>Awaiting Results</td> </tr> <tr> <td>CT-00088</td> <td>QC Test</td> <td>Rt 17 South, Beginning Sta 153+47, In front of Durham Auto Center. Compaction Tests were performed as layers of fill were placed. No failing tests.</td> <td>Awaiting Results</td> </tr> <tr> <td>CT-00090</td> <td>QC Test</td> <td>Rt 17 South, Beginning Sta 155+10, In front of Torrison Stone &amp; Garden. Compaction Tests were performed as layers of fill were placed. No failing tests.</td> <td>Awaiting Results</td> </tr> </table>				Requirement No	Type	Description	Results	CT-00083	QC Test	Rt 17 South, Beginning Sta 151+50, Parsons road and in front of Durham Auto. Compaction Tests were performed as layers of fill were placed. No failing tests.	Awaiting Results	CT-00086	QC Test	98.1% Comp. 7.7 Moisture 97.9% Comp 8.2 Moisture 97.4% Comp 7.8 Moisture	Awaiting Results	CT-00087	QC Test	Off Truck 314 Degrees	Awaiting Results	CT-00088	QC Test	Rt 17 South, Beginning Sta 153+47, In front of Durham Auto Center. Compaction Tests were performed as layers of fill were placed. No failing tests.	Awaiting Results	CT-00090	QC Test	Rt 17 South, Beginning Sta 155+10, In front of Torrison Stone & Garden. Compaction Tests were performed as layers of fill were placed. No failing tests.	Awaiting Results
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PROJECT				CONTRACT NUMBER			
Durham Meadows Waterline Remedial Design				W912WJ19C0002			
CT-00091	QC Test	1st Truckload at	out of truck.	Awaiting Results			
		2nd Truckload at	out of truck				
<b>ISSUED QA/QC DEFICIENCY</b> (Describe QA and QC Deficiency items issued)							
Item No	Location	Description					
<b>No QC Deficiency items were issued today</b>							
<b>CORRECTED QA/QC DEFICIENCY</b> (Report QC and QA Deficiency items corrected)							
Item No	Location	Description					
<b>No QC Deficiency items were corrected today</b>							
<b>CONTRACTORS ON SITE</b> (Report first and/or last day contractors were on site)							
Name	First Day			Last Day			
<b>No Contractors had their first or last day on the site</b>							
<b>LABOR HOURS</b>							
Employer	Labor Classification			Number of Employees		Hours Worked	
AR Electric	ELECTRICIAN			0.0		0.0	
Ludlow Construction Co., Inc.	TRUCK DRIVER, GROUP 1			3.0		30.0	
Ludlow Construction Co., Inc.	LABORERS			4.0		40.0	
Ludlow Construction Co., Inc.	SUPER - CONSTRUCTION			1.0		10.0	
Ludlow Construction Co., Inc.	PROGRESS CLERK			0.0		0.0	
Ludlow Construction Co., Inc.	HEAVY-EQUIPMENT OPERATOR			2.0		20.0	
Ludlow Construction Co., Inc.	CIRCULAR SAW OPERATOR			0.0		0.0	
Ludlow Construction Co., Inc.	PROJECT MANAGER			0.0		0.0	
Ludlow Construction Co., Inc.	QC SYST MGR/SSHO			2.0		18.0	
Ludlow Construction Co., Inc.	QUALITY CONTROL SYSTEM MGR			0.0		0.0	
Total hrs worked to date:		6,540.0	Hrs worked MTD:		2,027.5	Total: 12.0 118.0	
<b>EQUIPMENT HOURS</b>							
Serial Number	Description			Idle Hours		Operating Hours	
WH5449, L-20	Kumatsu Front End Loader Billy			0.0		0.0	
03101	Volvo EW170 Rubber Tire Track Hoe, TE-6			0.0		3.0	
531660128	Bobcat Skidsteer S-5			0.0		5.0	
0336FCRAB	Cat 336 Track Hoe E-4			0.0		7.0	
T-85	Dump Truck T-85			0.0		10.0	
B-5	Sweeper B-5			0.0		5.0	
R.8	Roller, Dynapac R.8			0.0		0.0	
007	Dump Truck, Vynalek 007			0.0		10.0	
R-15	Roller R-15			0.0		0.0	
ECR145DL, E-20	Volvo Excavator E-20			0.0		8.0	
L-5	Cat 950K L-5 Pit			0.0		5.0	
E-19	Cat 314C Trackhoe E-19			0.0		0.0	
T-78	Ludlow Rack Truck T-78			0.0		10.0	
T-50	Ludlow Pickup Truck T-50			0.0		10.0	
T-14	Ludlow Pickup Truck T-14			0.0		10.0	

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325 Excavator	Cat 325 Trackhoe, E-8			0.0	5.0		
Vynalek	Dump Truck, Unmarked (Tan bed)			0.0	0.0		
T 9	Dump Truck T-9			0.0	0.0		
T-77	Dump Truck T-77 OFF Site			0.0	0.0		
T-27	Dump Truck T-27			0.0	0.0		
E-9	336 Track Hoe			0.0	0.0		
Cat 950M	Cat 950M Fork Loader			0.0	5.0		
Cat 430E Backhoe	Cat 430E Backhoe			0.0	0.0		
T-60	Dump Truck T-60			0.0	10.0		
T-64	Dump Truck T-64			0.0	0.0		
T-42	Ludlow Pickup T-42			0.0	10.0		
Sweeper B-3	Sweeper B-3			0.0	0.0		
T-77 Work Truck	Pick Up Truck			0.0	0.0		
T-86 Work Truck	Pick Up Truck			0.0	0.0		
T-40	Dump Truck T-40			0.0	10.0		
T-25	Dump Truck T-25			0.0	10.0		
R-10	Roller, Champion R-10			0.0	5.0		
Total operating hrs to date:		5,708.5	Idle hrs MTD:	0.0	Opr hrs MTD:	1,952.0	Total: 0.0 138.0
<div> <div>MISHAP REPORTING</div> <div>(Describe mishaps)</div> <div>No mishaps reported today</div> </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> </div>							
QC REPRESENTATIVE'S SIGNATURE			DATE		SUPERINTENDENT'S INITIALS		DATE