

CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION		REPORT NUMBER 343	Page 1 of 4
		DATE 26 Nov 2019 - Tuesday	
PROJECT Durham Meadows Waterline Remedial Design		CONTRACT NUMBER W912WJ19C0002	
CONTRACTOR Ludlow Construction Co., Inc.	WEATHER Weather Caused No Delay Temperature Min 33 °F Max 59 °F No Precipitation 8 MPH Wind		

QC NARRATIVES

JOB SAFETY

SAFETY:
 BILLY'S CREW:
 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.

JON'S CREW: Arrived at 7:00am
 *SSHO Rob Peddicord:
 *Monitored Jonathon Pio's crew production
 *Monitored weather; Clear, cool
 *Monitored Traffic Safety setup: In compliance with Plan 13 of DOT Form 817. Certified flaggers used; certs verified.
 *Performed daily checklist inspections on Daily Report; Crew wearing all required PPE, Trench boxes, ladders being used, Crew alert of surroundings. Safety in compliance with EM 385-1-1
 *Inspected haul road and Borrow/Dump Pit; silt fence needs attention

WORK PERFORMED TODAY

BILLY'S CREW. Onsite 6:30 AM ; Offsite 3:00 PM
 PERSONAL;
 Superintendent 1
 Operators 2
 Labors 4
 Truck Drivers 2
 VISITERS:
 SUBCONTRACTORS ON SITE:
 Police Officer 1 = 8 Hours
 WORK COMPLETED;
 16" DI Pipe= N/A
 20 "DI Restrained Pipe= N/A
 8" DI Restrained Pipe = From Station 753+14.21 to Station 753+ 97 = 84 Feet of Pipe.
 Rock = N/A
 Road Gravel= 13.90 7yCY.
 Saw Cut= 168 Feet.
 COMPACTION:
 Review methods in sequences of installation with Ludlow Superintendent:
 Compaction Lifts were checked and measured by QC.
 All Compactions were Good.
 Heat Test Performed = 305 Degrees Off Truck.
 Temp Asphalt looks good. Nice and even.
 Good job on placement.
 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, B-5 Sweeper.
 1-R-8 Dynapac Roller.
 1-Circular Saw, 1 Truck.

COMPONENTS INSTALLED; N/A
 UTILITIES ENCOUNTERED: N/A

QA/QC:
 Sediment Control on Talbott Road is in good shape. Silt Fence's all were in good condition and performing Adequately.
 Haul Road was checked for Debris. None Found.

JON'S CREW: Arrived 7:00am, Departed 2:30pm
 *Crew Foreman Jonathon Pio; SSHO/QC Rob Peddicord
 *CREW: 1-Foreman, 2-Op, 2-Truck drivers, 3-Labor
 *EQUIPMENT: 3-Pickups; T-65, T-50, T-78,
 4-Dumps; T-36, T-60, T-85, Tan Vynalek
 2-Excavators: Volvo E-20, Volvo 170

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<p>2-Loaders: Cat 950M, Cat 950K L-5 (@ Pit) 1-Bobcat S-5, 1-Broom B-5, 1-Roller Champion R-10</p> <p>*SUPPORT/SUBS: 2-Certified Flaggers; certs verified *PRODUCTION: Installed 25ft-8" (25.67ft) of 8" restrained pipe from Tee at Sta 150+50; at the intersection of Rt 17 and Parsons Lane</p> <p style="padding-left: 40px;">*Removed and repaved 122ft of asphalt between sta 153+00 to 154+22, per request of DOT inspector Dale Ethier</p> <p>*UTILITIES ENCOUNTERED: 20" x 10" Clay conduit box pipe. Conduit undamaged; was supported by a steel H-beam while work was performed.</p> <p style="padding-left: 40px;">*ALSO: a 6" clay pipe of unknown function beside/parallel to the larger box conduit was damaged.</p> <p>Damaged section was replaced with a 7ft long section of green PVC pipe, connected with rubber sleeves.</p> <p style="padding-left: 40px;">* NOTE: a similiar length of clay pipe was damaged and replaced in the same manner yesterday at the intersection of Winsome Rd and Rt 17, at the Tee at Sta 157+56.</p> <p>*QA/QC: Wet, rocky native material was removed from the trench and trucked out. 3" Minus stone was used as backfill above the bedding sand and below the processed stone capping.</p> <p>*Ludlow Foreman Jonathon Pio checked pipe elevations and station locations</p> <p>*Ludlow Labor/Pipefitter also checked depths and elevations while installing pipe segments</p> <p>*QC Mgr Rob Peddicord checked asphalt temperatures off the truck and during compaction</p> <p>* No NDTs taken on backfill on this date.</p> <p>PROJECT LAISON COORDINATOR: Job Narrative: MJC onsite at 6:45 am. Excavator began removing asphalt on Talcott Ridge Drive for the 8" water main installation at 7:15 am. Jonathan's crew set up traffic pattern for Bi-Directional Traffic on Main Street in Durham for the 8" water main installation on Parsons Lane. Two CT. Traffic Flaggers onsite at 8:00 am. Onsite at Main Street and Parsons Lane in Durham and Talcott Ridge Drive in Middletown. Crew paving trench on Talcott Ridge Road and skim coating sections of the trench previously excavated prior to the winter shut-down. Main Street crew in Durham paving trench on Parsons Lane and removed and repaved portion of the trench on Main Street (Rte.17) between Stations # 152+00 and 153+00 per Dale from DOT. 3:00 pm. MJC offsite.</p>															
<div style="display: flex; justify-content: space-between;"> <div>PREP/INITIAL DATES</div> <div>(Preparatory and initial dates held and advance notice)</div> </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> Preparatory Inspections held today </div> <div style="margin-top: 5px;"> No preparatory inspections held today </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> Initial Inspections held today </div> <div style="margin-top: 5px;"> No initial inspections held today </div>															
<div style="display: flex; justify-content: space-between;"> <div>ACTIVITY START/FINISH</div> </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> <div style="display: flex; justify-content: space-between;"> Activity No Description </div> </div> <div style="margin-top: 5px;"> No activities were started or finished today </div>															
<div style="display: flex; justify-content: space-between;"> <div>QC REQUIREMENTS</div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 15%;">Requirement No</th> <th style="width: 10%;">Type</th> <th style="width: 55%;">Description</th> <th style="width: 20%;">Results</th> </tr> </thead> <tbody> <tr> <td>CT-00100</td> <td>QC Test</td> <td>Rt 17 and Parsons Lane intersection; 25.67 ft of restrained 8" pipe . Sta 151+50 of Rt 17. Asphalt temp checked off of 2 trucks; High temps of 260 and 310 degrees</td> <td>Awaiting Results</td> </tr> <tr> <td>CT-00101</td> <td>QC Test</td> <td>305 off the Truck</td> <td>Awaiting Results</td> </tr> </tbody> </table>				Requirement No	Type	Description	Results	CT-00100	QC Test	Rt 17 and Parsons Lane intersection; 25.67 ft of restrained 8" pipe . Sta 151+50 of Rt 17. Asphalt temp checked off of 2 trucks; High temps of 260 and 310 degrees	Awaiting Results	CT-00101	QC Test	305 off the Truck	Awaiting Results
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<div style="display: flex; justify-content: space-between;"> <div>ISSUED QA/QC DEFICIENCY</div> <div>(Describe QA and QC Deficiency items issued)</div> </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> <div style="display: flex; justify-content: space-between;"> Item No Location Description </div> </div> <div style="margin-top: 5px;"> No QC Deficiency items were issued today </div>															
<div style="display: flex; justify-content: space-between;"> <div>CORRECTED QA/QC DEFICIENCY</div> <div>(Report QC and QA Deficiency items corrected)</div> </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> <div style="display: flex; justify-content: space-between;"> Item No Location Description </div> </div> <div style="margin-top: 5px;"> No QC Deficiency items were corrected today </div>															

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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
AR Electric	ELECTRICIAN		0.0	0.0
Ludlow Construction Co., Inc.	TRUCK DRIVER, GROUP 1		4.0	31.0
Ludlow Construction Co., Inc.	LABORERS		7.0	54.5
Ludlow Construction Co., Inc.	SUPER - CONSTRUCTION		2.0	15.5
Ludlow Construction Co., Inc.	PROGRESS CLERK		1.0	8.0
Ludlow Construction Co., Inc.	HEAVY-EQUIPMENT OPERATOR		4.0	31.0
Ludlow Construction Co., Inc.	CIRCULAR SAW OPERATOR		0.0	0.0
Ludlow Construction Co., Inc.	PROJECT MANAGER		1.0	4.0
Ludlow Construction Co., Inc.	QC SYST MGR/SSHO		2.0	15.5
Ludlow Construction Co., Inc.	QUALITY CONTROL SYSTEM MGR		0.0	0.0
Total hrs worked to date:	7,617.5	Hrs worked MTD:	3,105.0	Total: 21.0 159.5
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	6.0
531660128	Bobcat Skidsteer S-5		0.0	3.0
0336FCRAB	Cat 336 Track Hoe E-4		0.0	0.0
T-36	Dump Truck T-36		0.0	8.0
T-85	Dump Truck T-85		0.0	7.5
B-5	Sweeper B-5		0.0	3.0
R.8	Roller, Dynapac R.8		0.0	2.0
T-25	Dump Truck T-25		0.0	8.0
007	Dump Truck, Vynalek 007		0.0	0.0
ECR145DL, E-20	Volvo Excavator E-20		0.0	1.0
L-5	Cat 950K L-5 Pit		0.0	8.0
E-19	Cat 314C Trackhoe E-19		0.0	8.0
T-78	Ludlow Rack Truck T-78		0.0	7.5
T-50	Ludlow Pickup Truck T-50		0.0	7.5
T-14	Ludlow Pickup Truck T-14		0.0	0.0
325 Excavator	Cat 325 Trackhoe, E-8		0.0	0.0
Vynalek	Dump Truck, Unmarked (Tan bed)		0.0	8.0
E-9	336 Track Hoe		0.0	8.0
Cat 950M	Cat 950M Fork Loader		0.0	4.0
Cat 430E Backhoe	Cat 430E Backhoe		0.0	0.0
T-60	Dump Truck T-60		0.0	7.5
T-64	Dump Truck T-64		0.0	8.0
T-42	Ludlow Pickup T-42		0.0	0.0
Sweeper B-3	Sweeper B-3		0.0	2.0

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T-77 Work Truck		Pick Up Truck		0.0		8.0	
T-86 Work Truck		Pick Up Truck		0.0		8.0	
R-10		Roller, Champion R-10		0.0		2.0	
T-65		Ludlow Pickup Truck T-65		0.0		7.5	
Total operating hrs to date:		6,687.5	Idle hrs MTD:	0.0	Opr hrs MTD:	2,931.0	Total: 0.0 140.5
MISHAP REPORTING (Describe mishaps) No mishaps reported today							
CONTRACTOR CERTIFICATION				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.			
QC REPRESENTATIVE'S SIGNATURE			DATE		SUPERINTENDENT'S INITIALS		DATE