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| CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION | | REPORT NUMBER 591 | Page 1 of 3 |
| | | DATE 31 Jul 2020 - Friday | |
| PROJECT Durham Meadows Waterline Remedial Design | | CONTRACT NUMBER W912WJ19C0002 | |
| CONTRACTOR Ludlow Construction Co., Inc. | WEATHER Weather Caused No Delay Temperature Min 68 °F Max 89 °F No Precipitation 5 MPH Wind | | |

QC NARRATIVES

JOB SAFETY

SAFETY:
 Crews arrived at 7:00am, Departed at 3:00-3:30pm
 *SSHO Rob Peddicord:
 *Monitored 2 main crews production activities; Foremen Jonathon Pio and Billy DaCruz,
 *Monitored DN Tanks activities at the Water Tank; Foreman Al Kendall

*Jonathon Pio's crew: Continued Streamcrossing #3 at Maple Ave
 *1 Labor flagger, and 2 CTC flaggers, (Certs on record) Road Closed signs at both ends of Maple, additional one in the middle White Farm entrance intersection. additional one at Rt 17/Old Cemetery Rd
 *ENVIRONMENTAL: Work zone blocked off with plastic sheeting and large sandbags. Corrugated plastic pipe used to redirect the stream around the work zone. Sump pumps used to keep work zone dry; water pumped into a Frack Tank, then into 2 silt collection pits. Silt pits constructed of hay bales, fabric, gravel, and small sand bags. Silt pits placed amidst high grass and weeds for extra filtration. ALSO: No fueling activities to be done inside stream work zone
 PROGRESS: Pipe has been installed into the south creek bank, out of the streambed.

*Billy DaCruz crew at Rt 17, Installing Water Services
 *2 State Patrol for traffic control (Cert on record)

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

*Concrete pour cancelled due to pipe needing pressure testing first.

*Performed daily checklist inspections on Daily Report; Crews wearing all required PPE, Following Trench Safety, Crews alert of surroundings. Safety in compliance with EM 385-1-1. COVID-19 precautions being followed. (SEE Attached Ludlow SSHO Daily PDF Report)

*Checked dumptruck haul roads for debris.
 *Checked silt fencing for SWPP; no ruptures.

*Office work: The SSHO continued collecting and filing crew paperwork for Lift Plans, AHAs, and Daily Equipment Inspections (See Lift Plan PDFs attached to RMS).

*Received daily reports from DN Tanks; COVID self cert, SSHO Daily Report, Weekly Safety Meeting

WORK PERFORMED TODAY

WORK PERFORMED TODAY
 Onsite 7:00 AM ; Offsite 3:30 PM

PERSONAL;
 Project Manager 1
 Superintendent 5
 Operators 5
 Labors 9
 Truck Drivers 3

VISITERS:

SUBCONTRACTORS ON SITE:
 Police = 2
 Cert Flaggers = 2
 Flagger = 1

WORK COMPLETED;
 JON'S Crew:
 Blew sand in pipe.
 Placed brick side walk back and cleaned up at 1st Stream Crossing.

BILLY's Crew:
 Water Service 1" Curb Stop; 3 - 1 Inch Curb Stops was installed at STA 183+23/ STA 184+28/ STA 184+46.5
 Water Service 1" Copper Line; 193.0 Feet of Copper Line was Installed.

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| | | DATE 31 Jul 2020 - Friday | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROJECT Durham Meadows Waterline Remedial Design | | CONTRACT NUMBER W912WJ19C0002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Service Soil Piercing: 22.0 Feet under sidewalk (NOTE) Had to go Under Tree Stump and Sidewalk) Saw Cut: 247.0 Feet of Saw Cut in State Roads Water Tank Installation: AL's Crew: Building Dome casting beds. Build forms for dome slots. Build cove form. QA/QC: QA Kurt Mintell, QA Joe and QC Jerry Brandon met with DN Tanks Super AI Kendall and measured the Rebar and forms per Specifications and Drawings for accuracy. PROJECT LAISON COORDINATOR: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PREP/INITIAL DATES (Preparatory and initial dates held and advance notice) <hr/> Preparatory Inspections held today No preparatory inspections held today <hr/> Initial Inspections held today Concrete Formwork | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACTIVITY START/FINISH <hr/> Activity No Description <hr/> No activities were started or finished today | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QC REQUIREMENTS <hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Requirement No</th> <th style="text-align: left;">Type</th> <th style="text-align: left;">Description</th> <th style="text-align: left;">Results</th> </tr> </thead> <tbody> <tr> <td colspan="4"><hr/></td> </tr> </tbody> </table> No QC requirements were completed today | | | | Requirement No | Type | Description | Results | <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISSUED QA/QC DEFICIENCY (Describe QA and QC Deficiency items issued) <hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item No</th> <th style="text-align: left;">Location</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td colspan="3"><hr/></td> </tr> </tbody> </table> No QC Deficiency items were issued today | | | | Item No | Location | Description | <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CORRECTED QA/QC DEFICIENCY (Report QC and QA Deficiency items corrected) <hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item No</th> <th style="text-align: left;">Location</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td colspan="3"><hr/></td> </tr> </tbody> </table> No QC Deficiency items were corrected today | | | | Item No | Location | Description | <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTRACTORS ON SITE (Report first and/or last day contractors were on site) <hr/> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">First Day</th> <th style="text-align: left;">Last Day</th> </tr> </thead> <tbody> <tr> <td colspan="3"><hr/></td> </tr> </tbody> </table> No Contractors had their first or last day on the site | | | | Name | First Day | Last Day | <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | First Day | Last Day | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LABOR HOURS <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Employer</th> <th style="text-align: left;">Labor Classification</th> <th style="text-align: right;">Number of Employees</th> <th style="text-align: right;">Hours Worked</th> </tr> </thead> <tbody> <tr> <td>Ludlow Construction Co., Inc.</td> <td>TRUCK DRIVER, GROUP 1</td> <td style="text-align: right;">3.0</td> <td style="text-align: right;">24.0</td> </tr> <tr> <td>Ludlow Construction Co., Inc.</td> <td>LABORER, GROUP 1</td> <td style="text-align: right;">9.0</td> <td style="text-align: right;">72.0</td> </tr> <tr> <td>Ludlow Construction Co., Inc.</td> <td>CIRCULAR SAW OPERATOR</td> <td style="text-align: right;">1.0</td> <td style="text-align: right;">8.0</td> </tr> <tr> <td>Ludlow Construction Co., Inc.</td> <td>PROJECT MANAGER</td> <td style="text-align: right;">0.0</td> <td style="text-align: right;">0.0</td> </tr> <tr> <td>Ludlow Construction Co., Inc.</td> <td>OPERATOR HEAVY EQUIPMENT 1</td> <td style="text-align: right;">5.0</td> <td style="text-align: right;">40.0</td> </tr> <tr> <td>Ludlow Construction Co., Inc.</td> <td>SSHO</td> <td style="text-align: right;">1.0</td> <td style="text-align: right;">8.0</td> </tr> <tr> <td>Ludlow Construction Co., Inc.</td> <td>QUALITY CONTROL SYSTEM MGR</td> <td style="text-align: right;">1.0</td> <td style="text-align: right;">8.0</td> </tr> <tr> <td>Vellieux Sawcutting</td> <td>CIRCULAR SAW OPERATOR</td> <td style="text-align: right;">0.0</td> <td style="text-align: right;">0.0</td> </tr> </tbody> </table> | | | | 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 | 9.0 | 72.0 | Ludlow Construction Co., Inc. | CIRCULAR SAW OPERATOR | 1.0 | 8.0 | Ludlow Construction Co., Inc. | PROJECT MANAGER | 0.0 | 0.0 | Ludlow Construction Co., Inc. | OPERATOR HEAVY EQUIPMENT 1 | 5.0 | 40.0 | Ludlow Construction Co., Inc. | SSHO | 1.0 | 8.0 | Ludlow Construction Co., Inc. | QUALITY CONTROL SYSTEM MGR | 1.0 | 8.0 | Vellieux Sawcutting | CIRCULAR SAW OPERATOR | 0.0 | 0.0 |
| Employer | Labor Classification | Number of Employees | Hours Worked | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ludlow Construction Co., Inc. | TRUCK DRIVER, GROUP 1 | 3.0 | 24.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Ludlow Construction Co., Inc. | PROJECT MANAGER | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Vellieux Sawcutting | CIRCULAR SAW OPERATOR | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | 591 | | | |
| | | DATE | | | |
| | | 31 Jul 2020 - Friday | | | |
| PROJECT | | CONTRACT NUMBER | | | |
| Durham Meadows Waterline Remedial Design | | W912WJ19C0002 | | | |
| Total hrs worked to date: | | 23,744.5 | Hrs worked MTD: | 3,328.0 | Total: 20.0 160.0 |

| EQUIPMENT HOURS | | | | | |
|------------------------------|---------------------------------|----------|---------------|-----------------|--|
| Serial Number | Description | | Idle Hours | Operating Hours | |
| L-20 | L-20 Kumatsu Front End Loader | Billy | 4.0 | 4.0 | |
| TE-6 Ex | TE-6 Volvo | Jon | 6.0 | 2.0 | |
| E-4 0336FCRAB | E-4 Cat 336 Track Hoe | Jon | 4.0 | 4.0 | |
| T-36 | Dump Truck T-36 | Jon | 0.0 | 8.0 | |
| B-5 | Sweeper B-5 | Billy | 6.0 | 2.0 | |
| E-20 ECR145DL, | E-20 Volvo Excavator E-20 | Jon | 4.0 | 4.0 | |
| T-41 | Ludlow Pressure Test Truck T-41 | Billy | 0.0 | 8.0 | |
| T-50 | T-50 PU | Jon | 4.0 | 4.0 | |
| T-77 PU | T-77 PU | Billy | 4.0 | 4.0 | |
| E-9 Track Hoe | E-9 336 Track Hoe | Billy | 8.0 | 0.0 | |
| T-64 | Dump Truck T-64 | | 8.0 | 0.0 | |
| B-5 Sweeper | B-5 Sweeper | Jon | 6.0 | 2.0 | |
| R-4 Roller Billy | Roller Compacter | Billy | 4.0 | 4.0 | |
| TE 15 Excavator | TE-15 Track Hoe | Billy | 4.0 | 4.0 | |
| T-84 PU | T-84 PU | Billy | 0.0 | 8.0 | |
| T-78 PU | T-78 PU | Jon | 6.0 | 2.0 | |
| L-18 950 | L-18 Loader | Jon | 4.0 | 4.0 | |
| R-18 Roller | R-18 Compactor | JON | 4.0 | 4.0 | |
| D1 Cat | D-1 Cat D-5 Dozer | Billy | 8.0 | 0.0 | |
| T-86 | T-86 Dump Truck | Billy | 0.0 | 8.0 | |
| T-21 Dump | T-21 Dump | Jon | 8.0 | 0.0 | |
| R-17 Roller | R-17 Roller | Billy | 8.0 | 0.0 | |
| T-59 Dump | T-59 Dump | Billy | 8.0 | 0.0 | |
| TE-13 Excavator | TE-13 EX | Billy | 8.0 | 0.0 | |
| T-40 Dump | T-40 Dump | Jon | 0.0 | 8.0 | |
| T-27 Dump | T-27 Dump | Jon | 0.0 | 8.0 | |
| E-19 Cat | E-19 Cat 314C Trackhoe | Billy | 4.0 | 4.0 | |
| LB 7 | Cat 430D Backhoe LB 7 | | 6.0 | 2.0 | |
| Total operating hrs to date: | | 19,547.5 | Idle hrs MTD: | 2,856.0 | Opr hrs MTD: 1,688.0 Total: 126.0 98.0 |

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| MISHAP REPORTING (Describe mishaps) | |
| No mishaps reported today | |
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| 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 | <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">DATE</div> <div style="width: 20%;">SUPERINTENDENT'S INITIALS</div> <div style="width: 20%;">DATE</div> </div> |