#### REPORT NUMBER Page 1 of 4 310 **CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION** DATE 24 Oct 2019 - Thursday **PROJECT CONTRACT NUMBER** W912WJ19C0002 **Durham Meadows Waterline Remedial Design** CONTRACTOR **WEATHER** Weather Caused No Delay Ludlow Construction Co., Inc. Temperature Min 39 °F Max 66 °F

No Precipitation 3 MPH Wind

#### **QC NARRATIVES**

# JOB SAFETY

SAFETY:

PPE; Personal Protective Equipment worn by all the crew.

Job site clean up after work performed.

Haul Road;

Haul route was inspected for debris. Road Clean, Looks Good.

Inspection of the Environmental Protection silt fences. Made minor Repairs. Operational.

NIGHT SHIFT: Arrived at 7:00pm. Traffic safety setup by 7:15pm

\*SSHO Rob Peddicord:

\*Monitored Jonathon Pio's crew production

\*Monitored weather: Clear

\*Monitored Traffic Safety setup: In compliance with Plan 13 of DOT Form 817. NOTE: No Traffic Police available; replaced by certified

flaggers. SSHO verified certifications.

\*Filed additional safety paperwork: Initial Equipment Inspections

\*Performed daily checklist inspections on Daily Report; Crew wearing all required PPE, Trench Box in use, Work Zone sufficiently illuminated.

#### **WORK PERFORMED TODAY**

JERRY BRANDON QC/SSHO. Onsite 7:00 AM; Offsite 3:00 PM

PERSONEL;

Superintendent 1

Operators 2

Labors 4

Truck Drivers 2

SUBCONTRACTORS ON SITE:

Police Officer 1

WORK COMPLETED;

16"DI Restrained Pipe=46.99 Feet of pipe at Station 40+71.71 to 40+24.72

16"DI Pipe=N/A

Road Gravel=9.46 CY. Could not install pipe so road gravel was put back into hole where drain was found.

Saw Cut=133.42 Feet.

**EQUIPMENT:** 

380 K-20 Cat Front End Loader

336 E-9 Cat Track Hoe

Volvo EW-170 Track Hoe

R-5 Sweeper

R-8 Roller

**Dump Trucks** 

COMPONENTS INSTALLED;

16"x16"x12" TEE at Station 40+33.63

2 each 16" Butterfly Valve at Stations 40+36.71 Second one at Station 40+30.55

12" Gate Valve at Station 40+33.63

Fire Hydrant Tee at Station 40+44.38

1 Bend of 22.5 Degree was installed. Station 40+71.71

1 Bend at approximately 40+36.88

UTILITIES ENCOUNTERED;

At 1345 a Storm Drain was uncovered: Could not proceed per Drawings. Drain in the wrong place.

Per Rick Berlandy a test pit will need to be dug tomorrow once a direction for the waterline is established, the work can continue.

This caused a delay in pipe installation.

QA/QC:

Haul Road Inspection; Clean

Sediment Control. Looking Good. In Use per Specs.

Night Shift: Arrived 7:00pm, Departed 4:00am

\*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-36, T-9, T-85, T-27, T-64

3-Excavators; Cat 336 E-4, Volvo E170, Volvo E-20

# CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION

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**PROJECT** 

CONTRACT NUMBER

# **Durham Meadows Waterline Remedial Design**

2-Loaders: Cat 950M, Cat Loader L-5 (@ Pit) 1-Bobcat S-5, 1-Broom B-5, 1-Roller RD27 R-15

\*SUPPORT/SUBS: 1-JTC tech, 2-Certified Flaggers. NOTE: Certs verified by SSHO

\*PRODUCTION: Installed pipe from Sta 128+94 to 131+35 = 241 total ft

\*Regular Pipe: 128+94 to 130+15 = 121ft \*T-Flex Pipe: 130+15 to 131+35 = 120ft

\*Air Valve Assembly at 130+62

#### QA/QC:

\*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 Foreman Jonathon Pio checked pipe elevations and station locations

\*QC Mgr Rob Peddicord checked asphalt temperatures off the truck and during compaction

#### Project Liaison Coordinator:

Job Narrative:

MJC onsite at Durham Field Office at 6:45 am.

7:00 am - 8:45 am. Onsite at Talcott Ridge Drive. Talked with the Homeowner Amy Knowles at # 124 Talcott Ridge Drive about the construction work in front of her house. Explained that her driveway will have no access today and tomorrow the 25th. Also talked with her about the apron for her driveway. Explained what our plan was to attempt not to do damage to this. She was good with this. 10:00 – 11:00 am. Weekly Progress Meeting.

11:30 -1:00 pm. Met with the owners of Transform Tech Inc. about their driveway concerns at Commerce Circle. Met with both Mary and Bruce the owners with Lisa Belisle about their concerns. Lisa will send an email to both Steve Dunbar and Ed Hathaway summarizing the meeting. MJC will contact John, the Road Foreman from the Town of Durham tomorrow and update him on the meeting.

1:30 – 3:00 pm. Onsite on Talcott Ridge Drive. Met with Amy Knowles again and explained that the pipe location needs to be changed and we would not be in her driveway apron due to the changes.

16" Pipe has to be relocated at the curve in the street on Talcott Ridge Drive due to a drainage conflict. Billy from Ludlow talked with Rich Berlandy about the issue. The piping will be relocated to the west side of the road until a point to be determined where the main can get back into the original saw-cut.

Left a notification letter on the door for the Crowley residence at # 142 Talcott Ridge Drive of our anticipated work in front of their home which will be sometime early next week. They have my contact information.
4:30 pm. MJC offsite

#### PREP/INITIAL DATES

(Preparatory and initial dates held and advance notice)

Preparatory Inspections held today

No preparatory inspections held today

Initial Inspections held today

No initial inspections held today

#### **ACTIVITY START/FINISH**

Activity No Description

#### No activities were started or finished today

#### QC REQUIREMENTS

Deguirement No. Tune

Requirement No	туре	Description	Results
CT-00042	QC Test	Rt 17 going North toward Durham. Compaction Tests were performed as layers of fill were placed	Awaiting Results
CT-00043	QC Test	1st layer 290% out of truck 2nd layer 260-280% out of truck,	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

# CONTRACTORS QUALITY CONTROL REPORT (QCR) DAILY LOG OF CONSTRUCTION PROJECT Durham Meadows Waterline Remedial Design Page 3 of 4 310 DATE 24 Oct 2019 - Thursday CONTRACT NUMBER W912WJ19C0002

# No Contractors had their first or last day on the site

LABOR HOURS Employer Labor Classification					Number of Employees		
AR Electric	ELECTRICIA	N			0.0	0.0	
Ludlow Construction Co., Inc.	TRUCK DRIV	ER, GROUP 1			3.0	27.0	
Ludlow Construction Co., Inc.	LABORERS				4.0	36.0	
Ludlow Construction Co., Inc.	SUPER - CO	NSTRUCTION			1.0	9.0	
Ludlow Construction Co., Inc.	PROGRESS	CLERK			1.0	0.0	
Ludlow Construction Co., Inc.	HEAVY-EQU	IPMENT OPERATOR			2.0	18.0	
Ludlow Construction Co., Inc.	CIRCULAR S	AW OPERATOR			0.0	0.0	
Ludlow Construction Co., Inc.	PROJECT MA	ANAGER			1.0	0.0	
Ludlow Construction Co., Inc.	QC SYST MO	SR/SSHO			1.0	9.0	
Ludlow Construction Co., Inc.	QUALITY CO	NTROL SYSTEM MGR			0.0	0.0	
Total hrs worked to date:	3,561.5	Hrs worked MTD:	2,428.5	Total:	13.0	99.0	

EQUIPMENT HOURS							Idle	Operating
Serial Number	Description						Hours	Hours
WH5449, L-20	Kumatsu Front End Loader						0.0	0.0
03101	Volvo EW170 Rubber Tire Track Hoe, TE-6						0.0	9.0
531660128	Bobcat Skid	dsteer S-5					0.0	5.0
0336FCRAB	Cat 336 Tra	ack Hoe E-4					0.0	5.5
T-36	Dump Truck	k T-36					0.0	17.0
T-85	Dump Truck	k T-85					0.0	17.0
B-5	Sweeper B-	-5					0.0	2.0
R.8	Roller, Dyna	apac R.8					0.0	2.0
007	Dump Truck	k, Vynalek 007					0.0	0.0
R-15	Roller R-15						0.0	4.0
ECR145DL, E-20	Volvo Exca	vator E-20					0.0	9.0
L-5	Cat Loader	L-5					0.0	17.0
E-19	Cat 314C T	rackhoe E-19					0.0	8.0
T-78	Ludlow Rad	ck Truck T-78					0.0	0.0
T-50	Ludlow Pick	kup Truck T-50					0.0	9.0
T-14	Ludlow Pickup Truck T-14							9.0
Vynalek	Dump Truck, Unmarked (Tan bed)						0.0	8.0
T 9	Dump Truck	k T-9					0.0	17.0
T-77	Dump Truck	k T-77					0.0	8.0
T-27	Dump Truck	k T-27					0.0	17.0
Cat 950M Fork loader	Cat 950M F	ork Loader					0.0	13.5
Cat 430E Backhoe	Cat 430E B	sackhoe					0.0	8.0
T-60	Dump Truck	k T-60					0.0	0.0
T-64	Dump Truck T-64 0.0 9.0						9.0	
T-42	Ludlow Pick	kup T-42					0.0	9.0
Total operating hrs to date:	2,891.5	Idle hrs MTD:	0.0	Opr hrs MTD:	2,317.5	Total:	0.0	203.0

MISHAP REPORTING

(Describe mishaps)

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Durham Meadows Waterli	ne Remedial Design		W912WJ19C0002	2	
No mishaps reported today	1				
CONTRACTOR CERTIFICATION	On habalf of the cont	anton I noutle that the	la Damant la garanteta de		I all ampliances 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 INITIA		DATE
1		I			1