QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION

REPORT NUMBER: 892

DATE: 28 May 2021 - Friday

PROJECT: Durham Meadows Waterline Remedial Design

CONTRACT NUMBER: W912WJ19C0002

CONTRACTOR: Ludlow Construction Co., Inc.

WEATHER: Weather Caused No Delay
Temperature Min 46 °F Max 66 °F
No Precipitation No Wind

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS				
STRUCTURAL EXCAVATION	BORROW EXCAVATION	EMBANKMENT	CONCRETE	STRUCTURE
100 %	100 %	100 %	100 %	100 %

TEMPERATURE		WIND
MINIMUM	MAXIMUM	
46 °F	66 °F	0 MPH

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?

[X] NO

[ ] YES (Explain)

24 HOUR PRECIPITATION	
INCHES	ENDING
0.00	M

NUMBER OF GOVERNMENT EMPLOYEES					
SUPERVISORY	OFFICE	LAYOUT	INSPECTION	TOTAL	LABOR
0	0	0	0	0	0

RIVER STAGE	
FEET	TIME
0.0	M

NUMBER OF CONTRACTOR'S EMPLOYEES

SUPERVISORY	SKILLED	LABORERS	TOTAL
0	0	0	0

NUMBER OF SHIFTS: [ ] 1 [X] 2 [ ] 3

FROM	TO	FROM	TO	FROM	TO
0700	1530 M	M	M	M	M

Attach a list of the following. (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
NOTE: if the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

QA NARRATIVES

Work Performed Today: Unresolved Issue: No Shift: 1

Kurt Mintell
METER BUILDING: WORK NOT COMPLETE
Billy & his crew (Ludlow) are excavation got elevation 332.50 (page M-109 of the drawings). There are triaxles being loaded by excavator and the material is being brought to the pit at Commerce Circle. NONE TODAY

TANK SITE
Excavate for electrical cabinet - install 3/4 stone 12" with fabric as shown on the drawings
Set up grade stakes for the tank and surrounding area.
Backfill at tank site with existing material- build up elevation
AAV:
Set electrical box in the new location as shown by AECOM - the tank was relocated and placed facing a different direction then what was originally drawn - since the electrical box & panels were already built (united concrete) as originally shown, the footprint of the electrical panel needed to be placed as originally drawn. Contractor needed to re-excavate the footing to accommodate a 90 degree swing of the panel. I called Rich Berlandy to explain the situation and verify the panel being moved. he is fine with it and recommended the electrical box be placed 8 feet from the AAV.
The panel was placed in the hole and backfilled with no further issues.

KTR could request REA for extra excavtion - total time approx 2 hours for the crew.

BOOSTER STATION:
United has workers onsite working on the connections in the Booster station, assembling the building halves - working on the seams where the two halves of the building connect. Install floor panels and complete pipe connections.
Paint penetrations where conduits come up through the floor.

Results of QA Inspections and Tests, Deficiencies Observed, Actions Taken: Unresolved Issue: No Shift: 1

Kurt Mintell
Review elevations with Billy (Ludlow) at the tank site for the electrical cabinet elevations. NOTE photos with grade measurements
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Review with John from United Concrete BOOSTER building:
1. Missing stone panels installed
2. Aluminum floor panels installed properly and fit properly

Safety: Unresolved Issue: No Shift: 1

Kurt Mintell
Safety Inspections items:
1. PPE - good
2. Traffic pattern/control - NONE needed
3. Working in excavation - excavate at tank site for the electrical vault - no trench box needed. Install safety fence around the excavation
4. Muddy & trip hazards identified- NA
4. Situational awareness while working around heavy equipment. - reviewed, excavating and filling tri axle trucks at the Meter
5. Proper lifting techniques - lift with knees not low back
6. COVID - no discussion today
7. Concrete placement today - None today
8. Caps on REBAR at booster station - NA today
9. Ladders in the trench - yes storm drain assembly at the tank site
10. Booster station assembly - worker on roof using fall protection with suitable tie off point already installed in prefab building. Ladder

extending at least 36" past to facia board.
11. Crane Plan for Meter Building not resolved
12. Standard LP for setting the electrical cabinet for the meter - no crane used only excavator - verified rigging and shackles used for placing the electrical panel (see 61-2 in QC Report)

QA REPRESENTATIVE'S SIGNATURE	DATE	RE/PROJECT ENGR'S INITIALS	DATE
Digitally signed by MINTELL.KURT.JOHN.1194101283 Date: 2021.06.07 11:04:18 -04:00 Construction Control Representative		Digitally signed by BELISLE.LISA.M.1010269667 Date: 2021.06.07 11:49:22 -04:00 Contracting Officers Representative	