



PROFESSIONAL SERVICES

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TO: Mr. John Lindeman
City of Savanna
333 Main Street
Savanna, IL 61078

WEEKLY REPORT #16

Date: Week of October 31, 2016

Job #: 00452023

Project: Savanna WWTF, Main & Bowen Street Lift Stations

Location: Savanna, Illinois

Contractor: Williams Bros. Construction, Inc.

Owner: City of Savanna

On Site Representative: Scott Duckett, Engineer – MSA

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Work Completed:

Monday

- Williams Bros. on site placing wood forms at the Grit Chamber base slab area of the Headworks building. I.R.S placing the #5 steel reinforcement bars for the sump pit walls, and the base slab portion of the Influent structure also. These were both poured in place late this afternoon. Installing steel wall forms at the north area of the Aero-Mod near the UV Channel area today as well.
- Interstate Reinforcing Steel (I.R.S.) on site installing #8 vertical steel reinforcing bars at the SW portion of the Aero-Mod base slab area. Also began fabricating the #6 steel reinforcement mats for the wall section near the UV Channel area of the Aero-Mod.



Tuesday

- Williams Bros. on site installing steel wall forms at the Influent structure. Also assisting I.R.S. with placement of the steel wall reinforcement at the UV Channel area of the Aero-Mod. Installing steel wall forms at this area as well today.

- I.R.S. fabricating and tying in place the #6 steel reinforcement bars for the wall sections of the north Aero Mod structure near the UV Channel area. Tying these in place at the east wall area.
- G.A. Rich the mechanical/plumbing subcontractor on site to install the underground 4" PVC drain piping at the sump pit area of the grit chamber section of the Headworks building. This will require pressure testing and inspection by the state plumbing inspector upon completion.
- Progress meeting held at the City Hall early afternoon to discuss schedule, and shop drawing status among other items.

Wednesday

- Williams Bros. on site first waiting on a brief rainfall, then assisting I.R.S with #6 steel reinforcement mat fabrication and placement at the north wall area of the Aero-Mod, near the UV channel area. Installing the 4" PVC water-stop within the steel reinforcement of the SW wall area at the Aero-Mod structure today as well.
- I.R.S. placing and tying the #5 steel reinforcement bars at the Influent structure wall area.

Thursday

- Williams Bros. on site at 6:30 a.m. to begin concrete placement at the SW and SE base slab areas of the Aero Mod structure. Utilizing pump truck to place concrete. Terracon testing at the point of discharge and making several sets of test cylinders. The pour continued until late afternoon placing 484 CY total at both areas. I observed keyway, water-stop, and the proper consolidation of the placed concrete throughout. Advised to properly apply curing compound throughout the base slab area, avoiding overspray on the steel reinforcement bar areas.
- I.R.S on site continuing to fabricate and place #6 steel reinforcement mats at the east wall area of the Aero-Mod near the UV Channel.
- Tri City Electric on site roughing in the underground metallic conduit under the base slab of the Headworks building within the Grit Chamber to the sump pit area.

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Friday

- Williams Bros. on site continuing to set steel wall forms at the north area of the Aero-Mod structure near the UV Channel. Removed 2"x 4" forms to expose the 4" PVC water-stop at the control joint locations at the SE and SW base slab areas. Assisting I.R.S. with the fabrication and placement of the #6 steel reinforcement mats at the north wall areas of the Aero-Mod.
- I.R.S. fabricating and installing the #6 steel reinforcement mats at the wall portions of the Aero-Mod structure east and west of the UV Channel area.
- G.A. Rich installing the 16" wall pipes at the UV Channel area of the Aero-Mod structure. Also pressure tested the 4" PVC drain piping previously installed at the Headworks building sump pit area. Test was successfully completed and piping inspected by the state plumbing inspector with no issues.

Issues Encountered:

- Discussion Tuesday on the status of shop drawing submittals. This process is slowing and may cause an issue in the future with the scheduling of construction on site. .

NEXT WEEKS SCHEDULE (Tentative)

- Continue steel reinforcement placement at the wall areas at the north section of the Aero-Mod structure.
- Concrete placement at the Influent structure wall areas.
- Installation of wall pipes at the Aero Mod structure primarily the north section. Continue the installation of wall forms at the north Aero-Mod structure area.

Photos: SEE ABOVE AND IN PROJECT FILE.

WEEKLY REPORT

WRITTEN BY:

MSA PROFESSIONAL SERVICES



Scott Duckett
Construction Engineer

cc: MSA - Nick Wagner
MSA- Co-Project Manager, Jared Fluhr
MSA- Project Engineer, Clint Wiene
MSA- Project Manager, Jason Miller
CFPS -Sharon Pepin
City of Savanna-Mayor McCombie
PROJECT FILE: 00452023