

## WILLMAR WASTEWATER TREATMENT PROJECT September 2009 Progress Update

### Wastewater Treatment Facility – Project 0812-C

Graham Construction has approximately completed the following:

- Structural steel for the frame of Administration Building Structure 200 is complete as well as the concrete floor; masonry walls are mostly installed; electrical, plumbing, HVAC and drywall framing are being installed; roof system has been started.
- 100 percent of the concrete pours are complete for the Generator Building Structure 205; masonry walls and precast have been installed.
- 90 percent of concrete has been poured for the Septage Receiving Station Structure 210.
- Most of the concrete pours are complete for Headworks Building Structure 220; installing piping; installed precast walls and roof plank.
- 95 percent of Municipal Selector Structure 234 is complete; installed precast walls and roof plank.
- 100 percent of the concrete pours are complete for JOTS Oxidation Ditch Structure 242; continuing to finish concrete.
- 100 percent of the concrete pours are complete for Municipal Oxidation Ditch Structure 244; continuing to finish concrete.



- 90 percent of Secondary Building Structure 250 is complete; masonry walls, precast walls and precast roof panels have been installed; process piping is being installed.
- Most of the work is complete at JOTS Clarifier Structure 252; completed forming and pouring radius walls and effluent trough; installed clarifier equipment and torque tested.
- 90 percent of the work is complete at the Municipal Clarifier Structure 254; installed clarifier equipment and torque tested.
- 90 percent of concrete is complete for Final Building Structure 265; formed and poured walls.
- 95 percent of concrete pours are complete for Basin Drain Pump Station Structure 268.
- 30 percent of conduit is complete for the Bio-Solids Building #1 Structure 280.
- Finished work on curbs and davit cranes for Existing Bio-Solids Storage Tank #1 Structure 281.
- 95 percent of Bio-Solids Storage Tank #2 Structure 282 is complete including underground piping and building.
- 95 percent of Biosolids Storage Tank #3 Structure 283 is complete including underground piping, footing walls and building.
- 95 percent of Biosolids Storage Tank #4 Structure 284 is complete including underground piping, footing walls and building.
- 50 percent of the installation of underground process piping has been completed.
- 40 percent of the installation of underground duct bank has been completed.

### **Southern Interceptor – Project 0813-D3**

S.R. Weidema has installed approximately 14,000 linear feet of 48-inch and 475 linear feet of 36-inch Interceptor Piping and 28 Manholes. All piping is completed except for final boring at BNSF Railroad and County Road 15 and approximately 200 linear feet of Interceptor piping east of County Road 15. They have started restoration of the City Park, driveways, curbing and landscaping on 28<sup>th</sup> Avenue SW. The first lift of asphalt is scheduled to be installed on 28<sup>th</sup> Avenue SW from 6<sup>th</sup> Street to the Menard's Road on September 29, 2009, weather permitting. Restoration of 30<sup>th</sup> Avenue SW from 30<sup>th</sup> Street to 15<sup>th</sup> Street continues.



### **Southern Interceptor, Forcemain and Outfall – Project 0814-D4**

S.R. Weidema is attempting to achieve substantial completion by November 2009. They have substantially completed all the 54-inch and 48-inch Interceptor piping (approximately 14,000 feet) and Manholes (28), Forcemain piping (approximately 14,000 feet) and Manholes (14) from the interface of Contract C toward County Road 15. All infiltration testing of Interceptor piping and pressure testing of the Forcemain has been finalized.

### **Forcemain and Gravity Sewer – Project 0815-D5**

Voss Plumbing has suspended work until September 2009. To date Voss Plumbing has completed 5,600 lineal feet of 8-inch Forcemain with seven Manholes including all directional drilling along 18<sup>th</sup> Street SW, Minnesota Avenue SW and 16<sup>th</sup> Street SW. Restoration of all pavement cuts has been completed. Voss has completed 1,100 lineal feet of 24-inch gravity sewer line from the Willmar Avenue Jennie-O plant to future Pump Station Structure 720. Voss intends to install the remaining 16-inch Forcemain beginning on September 28 and achieve substantial completion by November 2009.

### **Wastewater Pump Stations – Project 0816-D6**

Di-Mar Construction is on task with the proposed schedule for the construction of the two pump stations. Excavation has been completed for Pump Station 720 at 30<sup>th</sup> Street SW, and work has finished on the concrete base slab foundation of PS 720. The contractor continues to work on the reinforcing steel and forms for the cast in place walls of the structure.



The bituminous has been removed in the construction limits of Pump Station 710 at Benson Avenue. Water main relocation has been completed on 11<sup>th</sup> Street to facilitate the new building structure wet well. A sewer main for Jennie-O Turkey Store has been installed for connection to their future Pre-



Treatment System. Excavation for the structure footings of Pump Station 710 continues.