

WILLMAR WASTEWATER TREATMENT PROJECT

December 2009 Progress Update

Wastewater Treatment Facility – Project 0812-C

Graham Construction has approximately completed the following:

- The Administration Building Structure 200 is mostly complete. Electrical, plumbing, HVAC, ceiling tile and the roof system are currently being installed.
- The Generator Building Structure 205 is mostly complete. Generators and switchgear are being installed.
- 100 percent of concrete has been poured for the Septage Receiving Station Structure 210.
- The Headworks Building Structure 220 is mostly complete; continuing the installation of the piping, screw pumps, HVAC, plumbing and electrical.
- 100 percent of Municipal Selector Structure 234 is complete; installed roof system.
- The Industrial Oxidation Ditch Structure 242 is mostly complete; continuing to install stairs and handrailing.
- The Municipal Oxidation Ditch Structure 244 is mostly complete; continuing to install stairs and handrailing.



- The Secondary Building Structure 250 is mostly complete; continuing to install process piping, electrical and HVAC.
- Most of the work is complete at Industrial Clarifier Structure 252. The dome is ready for installation.
- The Municipal Clarifier Structure 254 is mostly complete; continuing to assemble dome, one dome is installed.
- The Final Building Structure 265 is mostly complete; continuing to install HVAC, plumbing, process piping and electrical.
- The Basin Drain Pump Station Structure 268 is mostly complete. The pump has not been installed yet.
- 80 percent of conduit is complete for the Bio-Solids Building #1 Structure 280.
- Work on curbs and davit cranes for Existing Bio-Solids Storage Tank #1 Structure 281 is complete.
- 95 percent of Bio-Solids Storage Tank #2 Structure 282 is complete including underground piping and building; installing piping and pump.
- 95 percent of Biosolids Storage Tank #3 Structure 283 is complete including underground piping and building; installing piping and pump.
- 95 percent of Biosolids Storage Tank #4 Structure 284 is complete including underground piping, and building; installing piping and pump.
- 100 percent of the installation of underground process piping has been completed.
- 100 percent of the installation of underground duct bank has been completed; wiring is being pulled.
- 80 percent of onsite roadways have been completed with gravel base.

Southern Interceptor – Project 0813-D3

S.R. Weidema has installed approximately 14,800 linear feet of 48-inch and 491 linear feet of 36-inch Interceptor Piping and 28 Manholes. All piping installation is complete. S.R. Weidema completed the majority of surface restoration work on 28th Avenue and 30th Avenue and will continue work after the Spring thaw, including final asphalt lift on 28th Avenue SW.

Southern Interceptor, Forcemain and Outfall – Project 0814-D4

S.R. Weidema has installed all 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 to the interface of Project D3. The installation of the Outfall piping (approximately 3,200 linear feet) has also been completed from the interface of Contract C to Hawk Creek. S.R. Weidema has finalized all infiltration testing of Interceptor piping and pressure testing of the Forcemain.



Forcemain and Gravity Sewer – Project 0815-D5

Voss Plumbing has been actively working to install the remaining fused 16-inch forcemain pipe. They have successfully installed the fused 16-inch forcemain pipe from the electrical power substation along 30th Street to the property located adjacent to the BNSF Railroad Alignment along County Road 15. This month Voss has installed approximately 3,320' of 16-inch forcemain pipe, three cleanout Manhole Structures, and one air release Manhole Structure. The cold weather has been very welcoming due to the frozen ground it creates. This is critical to support the weight of the heavy machinery used for the installation of the proposed pipe through wetland areas after a very wet fall. Productivity continues as weather permits and the anticipated completion of piping operations is mid- to late-January.



Wastewater Pump Stations – Project 0816-D6

Di-Mar Construction is on task with the proposed schedule for the construction of the two pump stations. Both pump stations have completed laying the rock-faced block of the structure, setting precast roof segments, finishing concrete troughs in the wetwells, and prepping the building and site for work to continue through the winter months. Anticipated tasks to be accomplished at both pump stations for the upcoming month will primarily consist of interior work. This work will include grinding, sanding, and cosmetic repairs to the cast-in-place concrete walls, process piping installation, and setting of the pumps.