

FOR IMMEDIATE RELEASE

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Southerly Wastewater Treatment Plant Headworks Open for Business

On November 28, 2007 C.J. Mahan Construction opened the Southerly Wastewater Treatment Plant New Headworks Contract S-65 as part of the City of Columbus, Ohio effort to comply with the EPA Order to reduce sanitary sewer bypass events into the Scioto River by the year 2010. The New Headworks Building is a crucial element which will eventually allow the facility to treat nearly 550 million gallons of sewage per day, thereby dramatically reducing the number of bypass occurrences into the Scioto River.



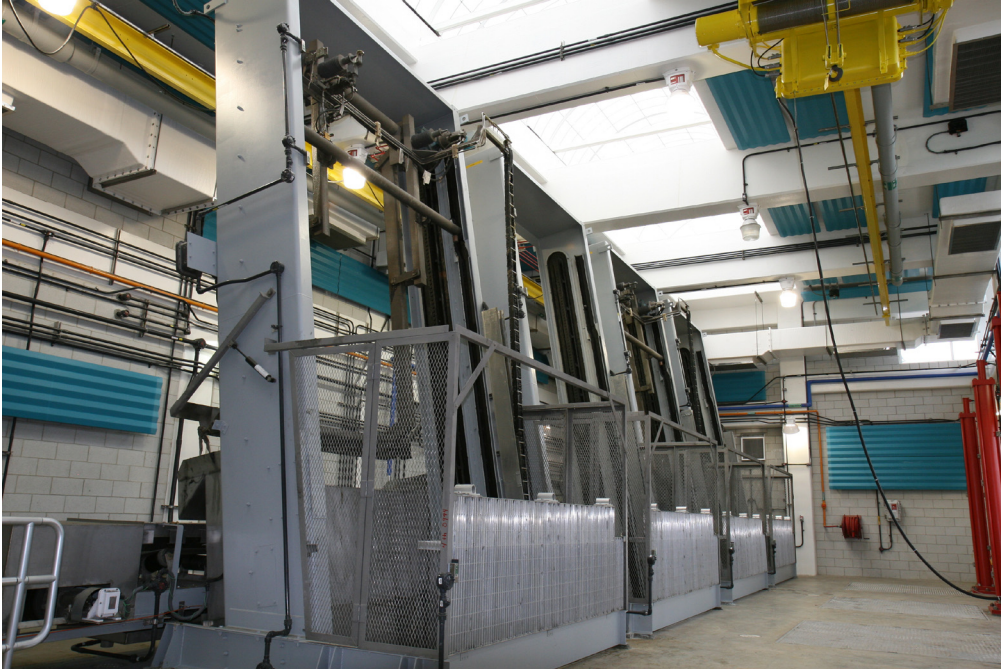
This project consists of an entirely new 39,150 square foot building which extends 77 feet below ground to house six huge Raw Sewage Pumps with GE motors and discharge piping capable of pumping over 330 million gallons of sewage per day.



The facility also allows for future facilities that will allow up to 550 million gallons per day. Other major features on the Contract include a variety of complex mechanical processing systems, over 3000 feet of 104" Interconnector Sewer, over 600 feet on Cast-in-Place Box Culvert up to 18' x 14' in size, four round Cast-in-Place Junction Chambers ranging in size up to 56 feet in diameter and 50'-6" tall.



The project required tying into 156" and 108" live sewer lines to commission the system. Because of the extensive hydraulic and electrical controls present in the design, extremely tight tolerances were required for the placement of imbedded hangers, steel reinforcement and concrete.



In total over 35,000 cubic yards of concrete was placed to complete the project. As always, quality control and safety were driving considerations for Mahan during this project.



The project proved to be more challenging as a result of a catastrophic 50-year Flood Event that completely washed-out all construction activities for several months. As a result of the flood, Mahan was directed to drive over 1300 lineal feet of sheet piling to protect the new project site as well as adjacent sites for future construction.



During this project, Mahan's ability to deal with weather adversity, coordinate important time-crucial construction activities and manage complex systems installation was paramount.



