

McCook Reservoir Des Plaines Inflow Tunnel

Project Number: 13-106-4F

Service Area: Stickney

Location: Mainstream Pumping Station

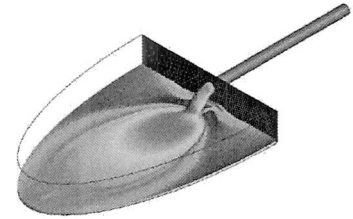
Engineering Consultant: Black & Veatch Corporation, Inc.

General Contractor: To be determined

Estimated Construction Cost: \$139,000,000

Contract Award Date: January 2016*

Substantial Completion Date: September 2019*



Project Description: This project consists of the construction of an approximately 20-foot diameter tunnel that will connect the Des Plaines tunnel directly to the McCook Reservoir including a gate shaft, primary gate, backup gate, gate control building, temporary construction access shaft, tunnel portal and highwall stability measures, and an energy dissipation apron with baffle blocks. The project also includes the demolition of an existing concrete tunnel plug, making a live connection to the existing Des Plaines Tunnel System and future McCook Reservoir, installation of reservoir level and tunnel inflow instrumentation, installation of ductbanks, conduits, wiring, lighting, and electrical equipment, installation of permanent perimeter fencing, and performance of other work.

Project Justification: The McCook Reservoir project is an essential part of the District's Tunnel and Reservoir Plan to prevent flooding and pollution from combined sewer overflows (CSO). The tunnel is required to provide adequate conveyance of CSOs from the Des Plaines tunnel to the reservoir. The tunnel will improve upon the conveyance plan formulated by the U.S. Army Corps of Engineers, which includes undesirable flow restrictions.

Project Status: This project is being advertised.

*Information shown is estimated.