

MCES – Empire WWTP Outfall, Rosemount, Minnesota

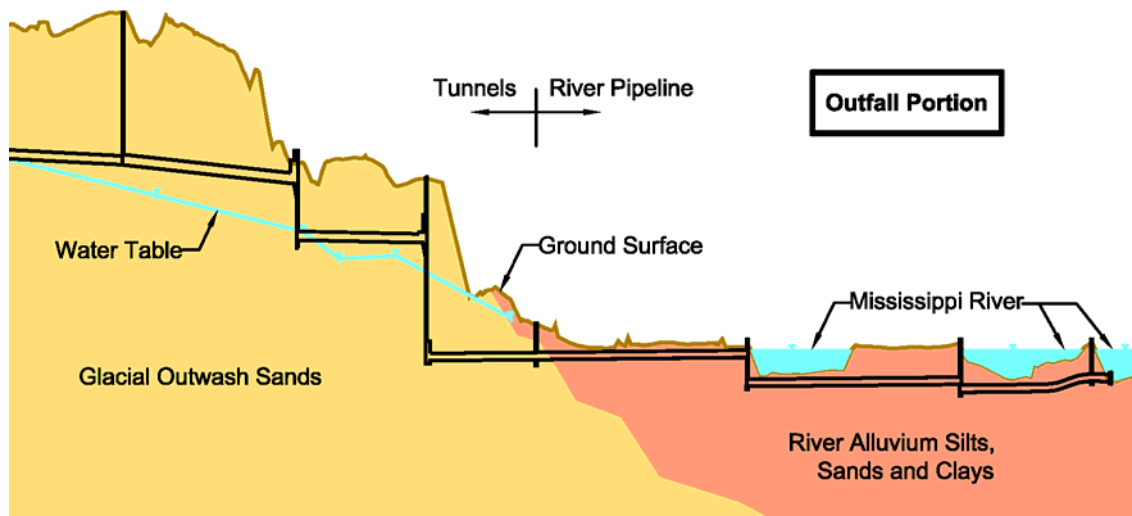
This project consists of the design of ten tunnels varying in size from 54” to 78” diameter with a total length of 13,400 feet and 3,800 feet of river flats and river pipeline design on a 12 mile sewer system in Rosemount, Minnesota. The river pipeline route was investigated for construction by horizontal directional drilling, microtunneling and underwater trenching techniques.

Design Phase

- Geotechnical Exploration Program, Data Report and Baseline Report
- Site Investigation, including test trenches and pits and barge borings
- Conceptual Design
- Structural Design
- Tunnel Methods Evaluation
- River Construction Evaluation
- Geotechnical Analysis
- Contract Document Preparation

Construction Phase – To Start in 2004

- Construction observation and coordination
- Construction engineering and project administration



Owner — Metropolitan Council Environmental Services, Jim Roth, 651-602-1123

Completion Date – 2005

Construction Cost \$40 million

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