

Salt Creek Intercepting Sewer 2 Rehabilitation, SSA

Project Number: 06-155-3S

Service Area: Stickney

Location: Proviso Township and Lyons Township

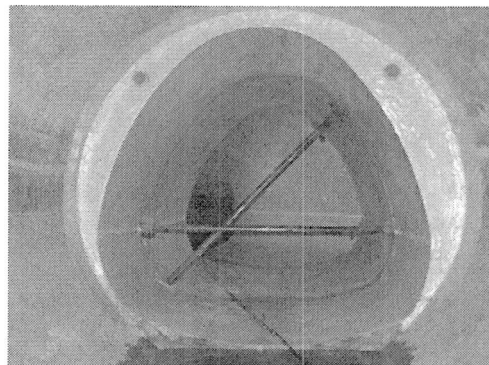
Engineering Consultant: In-house design

General Contractor: To be determined

Estimated Construction Cost: \$41,000,000

Contract Award Date: September 1, 2015*

Substantial Completion Date: May 28, 2018*



Project Description: This project consists of rehabilitating approximately 32,800 feet of intercepting sewer with sizes ranging from 10" in diameter to 7'0"x7'0" semi-elliptic concrete pipe, by using the cured-in-place pipe lining method and/or the channeline lining method, rehabilitating 80 manholes by the spray-on lining system, rebuilding and raising 12 manholes, constructing one manhole, and making control structure modifications.

Project Justification: The sewers were inspected by the Maintenance & Operations Department in 2003 with a closed-circuit television inspection system. The video inspection tapes show cracks (circular and longitudinal), sewage solids deposits, sags, offset joints, root intrusion, infiltration, and concrete corrosion due to the action of hydrogen sulfide generated by the decomposition of settled solids. Physical inspection of the manholes revealed cracks and holes in the walls and bases of the manholes.

Project Status: The design for this project is approximately 98 percent complete.

*Information shown is estimated.