

Summit Conduit Rehabilitation, SSA

Project Number: 16-126-3S

Service Area: Stickney

Location: Lyons Township

Engineering Consultant: In-house design

General Contractor: To be determined

Estimated Construction Cost: \$1,700,000

Contract Award Date: January 2018*

Substantial Completion Date: June 2019*



Project Description: This project consists of the rehabilitation of 810 feet of 6'x7' semi-elliptic cast-in-place concrete sewer and inlet/outlet structures. The Summit Conduit begins on the northwest side of the Des Plaines River and extends southeast under the Des Plaines River and the Stevenson Expressway to the northwest side of the Chicago Sanitary and Ship Canal.

Project Justification: The sewers were inspected by the Maintenance & Operations Department with a closed-circuit television inspection system. The video shows infiltration and concrete and metal deterioration due to hydrogen sulfide. In order to restore the hydraulic and structural integrity of the sewers, they need to be rehabilitated. The inlet/outlet structures show similar signs of deterioration and need to be rehabilitated.

Project Status: The design phase is 98 percent complete.

*Information shown is estimated.