

## **06-155-3S Salt Creek Intercepting Sewer 2 Rehabilitation, SSA**

Construction of 06-155-3S Salt Creek Intercepting Sewer 2 Rehabilitation, SSA is being financed by the Clean Water State Revolving Fund (SRF). The SRF program is administered by the Illinois Environmental Protection Agency and receives a portion of its money to fund these types of projects from the U.S. Environmental Protection Agency. SRF programs operate in each state to provide communities the resources necessary to build, maintain, and improve the infrastructure that protects one of our most valuable resources: water.

**Service Area:** Stickney

**Location:** Proviso Township and Lyons Township

**Engineering Consultant:** In-house Design

**General Contractor:** Kenny Construction Company

**Contract Award Amount:** \$43,878,100.00

**Award Date:** December 3, 2015

**Contract Duration:** 1,060 Calendar Days

**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.

