

Upper Des Plaines Intercepting Sewer 14B Rehabilitation, NSA

Project Number 06-360-3S

Service Area North

Location Wheeling, IL

Engineering Consultant In-house design

Engineering Contractor To be determined

Estimated Construction Cost \$14,116,000

Contract Award Date October 2021

Substantial Completion Date July 2024



Project Description This project consists of rehabilitating 2,902 feet of 48-inch diameter sewer and 11,902 feet of 69-inch diameter sewer by cured-in-place pipe lining and/or the slip lining method, rehabilitating 27 manholes/structures and the abandonment of one offset manhole.

Project Justification The sewers were inspected by the Maintenance & Operations Department 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 erosion. Physical inspection of the manholes revealed cracks and holes in the walls and bases of the manholes and in one offset manhole, which is part of a control structure, and 85 feet of 3.5-foot by 4.5-foot pipe.

Project Status Design