

# Upper Des Plaines Dropshafts 1/1A and 5 Rehabilitation and Calumet Dropshaft 34 Modification, NSA and CSA

**Project Number** 23-378-2S

**Service Area** North

**Location** Chicago, Des Plaines and Mount Prospect, IL

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$6,500,000

**Contract Award Date** December 2024

**Substantial Completion Date** March 2026



**Project Description** This project will include rehabilitation work at the Upper Des Plaines Dropshaft 5 by means of slip lining or form and pour, repairing 100 feet of 108-inch pipe by either cured in place pipe lining or geopolymer lining, repairing 100 feet of the dropshaft exit conduit with geopolymer, replacing deteriorated louvers and grating, abandonment of an existing odor control structure, installing a suppression weir in the Upper Des Plaines Tunnel near Dropshaft 1/1A, installation of new timber backflow gates in Calumet Dropshaft 34, and other necessary work.

**Project Justification** This project will reduce events of geysering, combined sewer overflows, and restore the structural integrity of existing structures.

**Project Status** Design