

Michael J. Kenny, PE
Collection Systems Engineer



EDUCATION

B.S., Civil Engineering,
University of Illinois at Chicago,
2013

Joined Firm in 2017

Years of Experience: 11

REGISTRATIONS

Licensed Professional
Engineer:
Illinois
Indiana

Mike is a member of the firm's Infrastructure Department, and he serves as Project Manager/Engineer on a variety of infrastructure improvement projects. The various projects have ranged from inflow/infiltration and lift stations to water main replacement projects. Mike has also completed utility permitting and MS4 work.

REPRESENTATIVE PROJECTS

Downers Grove Sanitary District, IL
Centex Pumping Station

Project Engineer for the evaluation of an existing dry well/wet well lift station for replacement with a new triplex submersible lift station with one wet well to reduce the need for confined space entry. Three submersible pumps were recommended, with the third pump providing redundancy and increasing the time between pump starts. Also analyzed flow data to determine if capacity was sufficient for wet weather flows.

Mount Prospect, IL
Lincoln Relief Station Rehabilitation

Project Engineer for the replacement of three existing pumps/motors with two new Xylem/Flygt submersible pumps/motors installed in a Xylem TOP pump basin, polyurea/polyurethane lining of the wet well interior, a new, reconfigured top and hatch, evaluation and inspection of the existing electrical system, and replacement of existing conduit crossing the street using trenchless technology.

Tinley Park, IL
La Grange Road Utilities Extension

Project Engineer responsible for the design and permitting of a new lift station, water main, sanitary sewer, and force main to bring utilities to an undeveloped portion of the Village.

Frankfort, IL
Sanitary Sewer Lining

Project Manager responsible for the lining of sanitary sewers previously identified for repair in the cleaning and televising project. Preparation of plans, specifications, and permits were prepared as part of this project.

Elmhurst, IL
10-Year Sanitary Sewer Cleaning and Televising Plan

Project Manager for the implementation of a 10-year sanitary sewer cleaning and televising program. Preparation of bid packages for the contractor portion of cleaning and review of all CCTV data to develop rehabilitation recommendations.

Elmhurst, IL
Sanitary Sewer and Manhole Rehabilitation

Project Manager for the 2023 Sanitary Sewer and Manhole rehabilitation program that includes the lining of approximately 9,000 LF of sanitary sewer and the rehabilitation and replacement of 200 manholes within the City.

Berkeley, IL

MWRD Inflow and Infiltration (I/I) Control Program

Project Engineer assisting Village with implementing a Metropolitan Water Reclamation District (MWRD) Inflow and Infiltration Control Program. The project targeted approximately 12,400 feet of critical sewer within the MWRD service area (approximately 2.5 miles). The Sanitary Sewer Evaluation Survey completed by Baxter & Woodman identified 27 sewer segments, or approximately 5,300 lineal feet of pipe recommended for rehabilitation using techniques such as cured-in-place-pipe (CIPP), sewer replacement, and test and seal grouting. Additionally, the manhole condition assessment identified 45 manholes within the critical area that allow I/I to enter during wet-weather conditions that are recommended for rehabilitation.

Joliet, IL

2021 Water Main Improvements

Project Engineer for the City's 2021 water main improvements. The project consisted of approximately six miles of water main replacement, including fire hydrants, valves and vaults, water services, and restoration. The project was split up into six separate bids to promote bidding competition. The project was funded by the IEPA Public Water Supply Loan Program.

Joliet, IL

2018 Water Main Improvements

Project Engineer for the third phase of a multi-phase water main replacement project in the Marycrest subdivision that included approximately 6,400 feet of 8-inch water main and 2,600 feet of 10-inch water main, including appurtenances, rear yard water service connections, and coordination with homeowners regarding construction on private property. The project required coordination with IDOT along IDOT right-of-way (ROW).

Oak Forest, IL

2017 Sanitary Sewer Rehabilitation

Project Engineer for 2017 Sewer Rehabilitation Program. Included were reviewing sewer televising videos for pre-work approval and providing coordination between the City and contractor. The work also included the installation of eight flow meters to determine the effectiveness of the sewer rehabilitation program.

Tinley Park, IL

2018 Water Main Improvements

Project Engineer responsible for design and permitting of approximately 3,000 feet of water main replacement. Provided on-site resident engineering during construction, responsible for coordinating with the contractor and client to ensure the project was built to specifications.

Olympia Fields, IL

Graymoor Force Main Lining

Project Engineer responsible for the design of force main lining. Project included lining 4,000 linear feet of 6-inch force main, obtaining required permits, and preparing specifications.