

Lauren M. Schuld, PE

Infrastructure Engineer



EDUCATION

MEng., Public Works
(Infrastructure Engineering and
Management)
Illinois Institute of Technology,
2020

B.S., Civil Engineering
Bradley University 2012

Joined Firm in 2012

Years of Experience: 12

CERTIFICATIONS

Licensed Professional
Engineer: Illinois and Texas

ASSOCIATIONS

ISAWWA Young Professionals
Committee Chair

HONORS

2021 Young Professional
Excellence Award, Illinois
Section – American Water
Works Association

2022 5 Under 35 Outstanding
Young Professional Award,
American Water Works
Association

Lauren has 12 years of experience in planning and design, specializing in water supply and distribution systems. She has focused experience in water system hydraulic modeling, asset management, capital planning, and water main replacement and rehabilitation design. She serves as project manager for large-scale water main design projects and as the program manager for the City of Joliet Water Distribution System Improvement Program.

REPRESENTATIVE PROJECTS

INFRASTRUCTURE

Highwood, IL

2015 Capital Improvement Program

Infrastructure Engineer for the \$4 million project, which included reconstructing North Avenue, Highwood Road, and Pleasant Avenue, including water main replacement or lining, sanitary sewer lining, and storm sewer repairs.

Round Lake, IL

Hart Road Improvements

Project Engineer assisting with drainage analysis and permitting for roadway and stormwater drainage improvements on Hart Road and Sunset Drive. The project included roadway widening on Hart Road, as well as improvements to the congested corridor lined with industrial businesses and the transportation facilities for Round Lake Area School District #116, Round Lake High School and Middle School.

WATER STUDIES/MODELING

Deerfield, IL

Water System Master Plan

Project Engineer for the study, review, and analysis of the Village's water system with the goal of developing an efficient, economical water system plan for operations, facilities, and the distribution system.

Lake County Public Works, IL

Water System Modeling and Capacity Analysis

Project Engineer for the development of a hydraulic model and capacity analysis for portions of the Lake County Public Works Department water systems. The project consists of creating a report recommending strategic actions to optimize the County's water systems that promotes sustainable facilities capable of accommodating economic development.

Lake Forest, IL

Stormwater Drainage Study

Assisted with storm sewer system analysis for a comprehensive Stormwater Drainage Study using XP-SWMM. The project also included a ravine analysis and a roadside ditch analysis with recommendations for drainage improvements in areas not served by storm sewers.