

Daniel J. Schug, PE

Lead Transportation Engineer



EDUCATION

B.S., Civil Engineering
Marquette University, 2006

Joined Firm in 2006

Years of Experience: 19

REGISTRATIONS

Licensed Professional
Engineer: Illinois

ASSOCIATIONS

Illinois Road and
Transportation Builders
Association (IRTBA)

PRESENTATIONS

Local Roads Management –
MCCOG Mayor’s Caucus
September, 2016

Modern Roundabouts – B&W
Transportation Group Training
October, 2015

CONTINUING EDUCATION

ITE Traffic Engineering & Safety
Conference
October, 2015

ADA/PROWAG/Pedestrian
Safety Training (Baxter &
Woodman, 2012 & 2014)



Dan is a Project Manager for a variety of municipal and IDOT transportation projects. His design and construction engineering background includes roadway reconstruction, traffic modeling, capacity analysis, roundabouts, streetscape, intersection improvements, bike paths, roadway maintenance, cost estimating, and construction inspection.

Dan has led several federally funded, MFT funded, and locally funded projects. He is adept at coordinating complex projects with local agencies, Illinois Department of Transportation (IDOT), and permitting agencies.

REPRESENTATIVE PROJECTS

Carpentersville, IL

Comprehensive Plan Update

Project Manager for Baxter & Woodman’s role as a subconsultant to Teska to update the Village’s Comprehensive Plan. The project included several steering committee meetings, community workshops, staff meetings, and a community event outreach to gather input from stakeholders. Baxter & Woodman’s primary tasks included reviewing and recommending improvements to the Village’s bike/pedestrian network, identifying infrastructure needs for expansion to the west, and identifying transportation priorities to spur development. Concept plans for a Village-owned parcel with river frontage and access to the Prairie Trail Bike Path were also developed. The Comprehensive Plan was adopted in fall 2022.

Plainfield, IL

Transportation Plan Update

Project Manager for the Village’s 2023 Transportation Plan. Much of the Village’s 2013 Transportation Plan was completed, and the remaining items needed re-evaluation due to changes within the Village over the last decade. The project includes updating the 2013 plan and updating the Village’s vision for future transportation needs. Public engagement was a critical item and included a combination of public meetings, pop-up events, and a dedicated website. Advertisements used QR codes for immediate access to project surveys and idea maps. A Steering Committee composed of local agency representatives was created to provide general direction throughout the public engagement period through plan development.

Shorewood, IL

Comprehensive Plan Update

Project Advisor for Baxter & Woodman’s role as a subconsultant to Teska to create a Transportation and Mobility Plan. Recommendations addressed specific mobility goals on how people can safely and efficiently traverse Shorewood. The project included several public engagement meetings to gather input from stakeholders.

Lincolnshire, IL

2022 Pavement Condition Survey

Project Advisor for a pavement management report for the Village’s 36 centerline miles of Village streets. The study determined a Paser rating for Village streets, cost estimates for improvements, 5-year maintenance plan, and maintenance budgets.