

Address



Education

M.S., Structural Engineering,
University of Illinois at Urbana-
Champaign, 1997
B.S., Civil Engineering,
University of Illinois at Urbana-
Champaign, 1996

Registrations

PE: Illinois - No. 062-054907
PE: Indiana - No. PE11600616
PE: Iowa - No. 23702
PE: Michigan - No. 6201064756
PE: Ohio - No. PE.81579
PE: Wisconsin - No. 45377-6
PE: Connecticut - PEN.0034797
SE: Illinois - No. 081-006191

Training/Certifications

IDOT-Approved NBIS Program
Manager - Element
NHI Safety Inspection of
In-Service Bridges for PEs
NHI Inspection & Maintenance of
Ancillary Highway Structure
FHWA Introduction to Element
Level Bridge Inspection
Highway Bridge Design,
Evaluation and Strengthening
using AASHTO LRFD
NHI LRFD for Highway Bridge
Substructures
NHI Earth Retaining Structures
AREMA Seismic Design of
Railroad Bridges
AREMA Railroad Structures
Loading Seminar
UW-Madison Fundamentals of
Railway Bridge Engineering
and Management
IDOT Phase I
Fall Protection

Affiliations

American Society of Civil
Engineers
American Council of Engineering
Companies of Illinois - Bridge
Committee
American Railway Engineering
and Maintenance-of-Way
Association (AREMA) -
Committee 8, Concrete
Structures & Foundations
Maintenance of Way Club of
Chicago
Woman Transportation Seminar
(WTS)

Ms. Czaplicki has 25 years of engineering experience in the planning, design, construction and project management for highway, railroad, mass transit, and pedestrian projects. Ms. Czaplicki's responsibilities span all aspects of transportation planning and design work including project management; road, bridge, station, and railroad design; contract plan and specification preparation; cost estimating; bridge inspection and ratings; hydraulics and permitting; field survey; construction engineering and inspection. Ms. Czaplicki combines project coordination and expert structural design capabilities for a variety of complex highway and rail corridor projects. She has also been project manager and design lead for multiple design-build projects.

EMPLOYMENT AND PROFESSIONAL HISTORY

Czaplicki Lopez, PLLC Wheaton, IL - May 2019 - Present

Initial Member and Principal of DBE certified firm capable of performing professional and structural engineering design services.

Patrick Engineering, Inc. Lisle, IL - January 2012 - May 2019

- Project Manager, January 2012 – August 2013
- Director of Structures, August 2013 – November 2017
- Director of Major Projects and Programs – Nov 2017 – May 2019

Project Manager and Lead Structural Engineer for rail, highway and structural projects. As Director of Structures, managed all transportation structure projects and structural staff working across several states. As Director of Major Projects and Programs, performed program management for engineering contracts with Genesee & Wyoming and the CSX railroads managing projects across several states and design lead for multiple design-build projects.

TranSystems Schaumburg, IL - December 1997 - January 2012

Structural Design Engineer for various bridge and highway projects. Responsibilities included preparation of project development reports, bridge inspections, bridge and retaining wall design, accident and traffic analysis, geometric design, cost estimating, and preparation of final contract plans and specifications.

Illinois Department of Transportation Summit, IL - May 1995 – August 1995

Civil Engineer Technician I for a full-time field assignment for the construction of Illinois Route 171 (Archer Avenue) from 63rd Street to 55th Street. Responsibilities included storm sewer design, layout and inspection.

Accurate Survey Service Barrington, IL - May 1994 – August 1994

Assistant to a Registered Professional Land Surveyor. Responsibilities included field survey, preparation of plats and legal descriptions by hand or CADD drawings, and performed accounts payables and accounts receivables.

VOLUNTEER AND COMMUNITY PARTICIPATION HISTORY

- Wheaton Warrenville South Tiger PAWS Scholarship Committee – Chair 2023
- Hubble Middle School Scholarship Committee - Chair 2019 - 2022
- Wheaton Park District Grade School Volleyball Coach Fall 2015 – Fall 2019
- Girl Scout Troop Co-Leader Fall 2016 – Spring 2019
- Wiesbrook Elementary School Science Olympiad Parent Coach 2016 – 2019
- Wiesbrook Elementary School Beatification Committee – 2015 - 2019
- Wiesbrook Elementary School Room Parent – 2013 – 2019
- American Council of Engineering Companies of Illinois (ACEC) Students Engaged in Engineering (SEE) 2011 – 2013