

## 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