

More than 24 years experience as a civil engineer. Directs Civil Engineering Group, including Municipal, Water Resources, Transportation, and Survey Departments. Responsible for supervision and review of the work of professionals engaged in the design and construction of civil engineering projects. Areas of expertise include:

- Design of state, county, city, and town transportation systems, water supply systems; wastewater collection and conveyance systems; wastewater pump stations; storm sewer and drainage facilities; storm water management and flood control systems; and storm water pretreatment systems.
- Industrial/business park and railroad design experience.
- Preparation of assessment reports, capital improvement plans, feasibility studies, and cost-benefit analyses.
- NPDES storm water permitting experience, including coordination, preparation, and submittal of USEPA-mandated permit regulations for industry and municipalities.
- Site development and land development experience including governmental agency permitting, project management, design, engineering and construction observation.
- On-site construction observation, coordination, and project management.
- Attendance at village board, city council, town board, and various committee meetings.
- Review of new development site plans, improvement plans, and engineering design for code compliance.
- Site design and engineering for parks, trails, and municipal facilities.
- Water resources and storm water management analysis and design.
- Preparation of storm water management/master plans and lake management plans.
- Storm water runoff and lake water quantity and quality analysis and modeling, including water quality field testing and evaluations.



### **Professional Registration**

Professional Engineer - Wisconsin, Illinois, and Iowa (Wis. June 12, 1992 #28657)

### **Education**

Michigan Technological University, Bachelor of Civil Engineering, 1984

### **Professional Affiliations**

Wisconsin and National Society of Professional Engineers, American Society of Civil Engineers, and American Water Works Association

### **Employment History**

1999 - present Cedar Corporation, Menomonie, WI  
1995 - 1998 Vierbicher Associates, Inc., Madison, WI  
1990 - 1995 Strand Associates, Inc., Madison, WI  
1984 - 1990 Simmons & White, Inc., West Palm Beach, FL