

Experience:

**ERE, LLC (ILLINOIS)
EET, LLC (OUTSIDE OF ILLINOIS)
Principal Structural Engineer**

Granger, IN
1/1/05 to Present

A privately held Structural Engineering Consulting Firm.

- Principal Structural Engineer of record for the Willis (Sears) Tower Broadcast facilities in Chicago Illinois. Currently reevaluating the entire broadcast structure to establish a BIM system, structural instrumentation and long term maintenance program in accordance with TIA industry standards. 2010 to present.
- General Dynamic Information Systems. Our firm has provided unique foundation and structural designs to resolve site specific installation errors, design incompatibilities and to improve/confirm installation quality control.
- Motorola. – General engineering services including reanalysis and structural consultation.
- MUTI/Sabre – Design services to correct uniquely damaged structures. Provided construction design support to allow modification of self supporting, monopole and guyed structures as indirect support to Verizon, US Cellular, etc.
- SBA – Post accident forensics and review.
- Raytheon Corporation – Review and certification of NDGPS structures.
- Disney Corporation – Review of new Weather Radar Structure for ABC Chicago
- Crown Castle LLC – General consultation and engineering support. Expert witness support.
- General new and existing product development and engineering research support to various clients.

**Valmont Specialty Structures
Specialty Products Business
Unit Manager**

Plymouth, Indiana
01/01/2004 to 12/31/2004

- Directed activities of engineering and sales personnel of business unit
- Wrote, designed and produced Steel and Aluminum Highway Sign Structures
- Participated in formulating and administering company policies and developing long-range goals and budgets. Develop Strategic and Financial Business Objectives.
- Responsibilities included Developing new markets and products, developing information systems, coordinating sales, engineering and operations effort.
- Reviewed analyses of activities, costs, operations and data to determine department and division progress towards stated goals and objectives.
- Conferred with chief administrative officer and other administrative personnel to review achievements and discuss required changes in objectives resulting from status and conditions.
- charged with developing new products and processes in support of business expansion.
- Managed business growth from \$3.0 million December 2003 to \$6.0 million in sales in 2004. The 2004 backlog was in excess of \$10.0 million.
- Represented Valmont Industries, Inc. as a member of ANSI/TIA/EIA-222 Subcommittee charged with the development of the national design standard for communications structures.

EET, LLC (ERE, LLC)

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PO Box 1347
Granger, IN 46530
JOHN R. ERICHSEN V8.DOCX.DOC

Phone: 574-277-0670
Fax: 574-277-0670
Mobile: 574-360-9018

Valmont Communications (Formerly PiRod Inc.)

Plymouth, Indiana

Vice President of Technology, Engineering

2002 to 2003

And Systems (Valmont Industries, Inc. purchased PiRod, Inc. March of 2001)

- Executed daily operations of Engineering and MIS Departments for Valmont Communications
- Aided chief administrative officer in formulating and administering organization policies, goals and budgets.
- Trained and managed 20 to 30 engineering and IT professionals and achieved significant improvements in their productivity.
- Reviewed analyses of activities, costs, operations and data to determine department and division progress towards stated goals and objectives.
- Conferred with chief administrative officer and other administrative personnel to review achievements and discuss required changes in objectives resulting from status and conditions.
- Served as member of management committees charged with the integration of PiRod Incorporated and Valmont/Microflect engineering operations into Valmont Communications
- Maintained and developed engineering theories, systems and technology. Responsibilities included engineering and business systems development in support of the operations and engineering processes.

PiRod Incorporated

Plymouth, Indiana

Vice President of Operations

2000 to 2002

- Executed daily operations of Manufacturing Plants, Quality Assurance, Engineering, IT and Purchasing Functions.
- Participated in formulating and administering company policies and developing long-range goals and budgets.
- Managed development and successful acquisition of plant SBR certification in accordance with the requirements of the American Institute of Steel Construction.
- Managed development and successful acquisition of plant certification in accordance with the requirements of the Canadian Welding Bureau.
- Managed operations in support of \$85 million in annual sales in 2000-2001 and conversely the contraction of the organization to less than \$50 million in 2002.
- Maintained and developed engineering systems and theories.

PiRod Incorporated

Plymouth, Indiana

Vice President of Engineering

1996 to 2000

- Apportioned work among engineering staff according to specialized training.
- Advised management on engineering problems.
- Executed daily operations of Engineering, Quality Control and Information Technology
- Lead engineer/manager responsible for the development of engineering theories and systems.
- Directed engineering personnel in formulating plans, designs, cost estimates and specifications for the design and fabrication of steel communications structures and associated foundations.
- Trained and managed 40 technical and non-technical personnel and achieved significant improvements in their productivity as the business grew from \$50 million per year to \$85 million in 2001.

PiRod Inc.

Plymouth, Indiana

Chief Engineer

1990 to 1996

PiRod Inc.

Plymouth, Indiana

Senior Project Engineer

1987 to 1990

PiRod, Inc.

Plymouth, Indiana

Project Engineer

1985 to 1987

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Education: Indiana University South Bend, Indiana
Masters Business Administration 1995

University of Notre Dame Notre Dame, Indiana
Bachelor of Science in Civil Engineering 1985

Professional Credentials:

Professional Engineering License

Registered Professional Engineer in 32 states.
Registered Structural Engineering in Illinois

Professional Societies – Past and present

- National Society of Professional Engineers - NSPE
- American Society of Civil Engineers - ASCE
- Structural Engineering Institute - SEI
- International Association of Spatial Structures - IASS
- Telecommunications Industry Associate (Formerly Electronics Industry Association) – TR14.7 Subcommittee – ANSI/TIA/EIA-222
- Indiana Structural Engineering Association - ISEA

Professional Committees

- Member of Telecommunications Industry Association Committee TIA TR14 1987 - Present
- Member of Telecommunications Industry Association Committee TIA TR14 Steering/Editorial Committee 2006 to 2023
- Chairman of Telecommunications Industry Association Committee TIA TR14 October 2012 to 2019
- Vice Chairman and Secretary of Telecommunications Industry Association Committee TIA TR14.7 subcommittee – October 2006 to October 2012
- Telecommunications Industry Association Committee TIA TR14.7 Editorial Committee 1999 to 2019. The EIA-222 TR-14.7 editorial subcommittee charged with the editing revision G “Structural Standard for Antenna Supporting Structures and Antennas.”
- Telecommunications Industry Association Committee TIA TR14.7 Editorial Committee 2008 to 2023. The TR-14.7 editorial subcommittee charged with the editing TIA-322 (Formerly TIA-1019) “Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas.”
- Participating member in the development of EIA-222 revision D through F. Main Committee Member of TIA TR-14.7 1986 to Present. The TIA-222 TR-14.7 committee is charged with the development of the Communications Industry Design Standard for Antenna Supporting Structures.
- ASCE-7 Minimum Loads for Buildings and Other Structures, Ice Subcommittee 1995 to 2000. A founding member of the committee. Charged with the development of the first national ice load design criteria.
- Current or past clients: United States Cellular, Crown Castle USA, Valmont Industries, Rohn Products, Inc., Raytheon, General Dynamics, Motorola, Inc., State of Colorado, State of Wisconsin, Stainless LLC, Flash Technologies.

References: Available upon request

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