

CURRICULUM VITAE

John Hlinka, P.E.
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Summary of Experience: Over thirty-five years engineering experience designing and investigating reinforced concrete, masonry, wood, and steel structures. Engineering experiences include design engineering, project engineering, forensic investigations, and new product development. Management experiences include design management, project management, and construction management. Communication is critical to coordination of design and construction teams; accomplished through written reports and oral presentations. Specific experiences are in chemical, refinery, pulp and paper, adhesive, nuclear power generation, nuclear feed stock, and steel industries.

Employment History

HDC, Inc., Benton, Kentucky: 2007 to Present

President, Senior Civil / Structural Engineer – Civil / Structural engineering and construction defect investigations including inspections, counseling, building code and OSHA compliance. Area of experience includes structural steel, reinforced concrete, wood, hydraulics, erosion, corrosion, and swimming pools.

QualEx Engineering, Paducah, Kentucky/ Mt. Vernon, Indiana: 1996 to 2020

Site Manager – Responsible for management of the QualEx site office located at the MeadWestvaco Paper Mill in Wickliffe, Kentucky. Company's prime contact for all site related engineering and construction management activities. Responsible for completing projects on time, within budget, according to specifications and within site safety parameters. Conducted safety toolbox meetings. Reviewed job safety analyses and job briefings. Also, was responsible for supervision and coordination of site personnel.

Senior Project Manager - Responsible for coordination of engineering activities for projects located in Western Kentucky and Southern Illinois. For each project, serve as the company's prime contact with the client. Plan and execute activities required to achieve project and contract requirements on projects ranging in size from \$500K to \$10M. Hold pre-bid meetings to present project scope of work and contract requirements to general contractors. Ensure open communication concerning project progress and lead troubleshooting efforts through staff meetings. Keep middle and senior management informed of engineering teams' progress by presenting project status, 3-D model reviews, and Primavera schedule reviews, as well as structural analysis results, at various stages of project timelines.

Senior Civil / Structural Engineer - Responsible for civil / structural design of buildings, structures, and foundations for industrial projects. Requires extensive working-knowledge of seismic design, building code conformance, and OSHA requirements. Registered design professional for statutory structural observations and special inspections for fabrication and construction of steel structures and concrete foundations.

Lockheed Martin Utility Services, Paducah, Kentucky: 1994 to 1996

Project Manager - Managed multiple projects ranging in size from \$1M to \$20M. Responsible for appropriation requests, subcontract administration, scheduling and management of engineering/procurement/construction efforts, plus monthly formal presentations to senior management.

John Brown Engineers & Constructors, Calvert City, Kentucky: 1987 to 1994

Design Manager - Responsible for overall technical performance and quality of engineering and design work on all projects assigned to the Calvert City branch office. Provided counsel in the development of designs and equipment specifications as related to accepted industry practices and standards. Participated in new business development and presentations. Evaluated qualifications and performance of engineering staff.

Senior Civil / Structural Engineer - Responsible for detailed engineering in steel, concrete, masonry and wood construction. Also designed area drainage, culverts and paving. Responsible for design calculations, cost estimates, and drawing approval of both heavy and light industrial facilities. Work included buildings, towers, containment dikes, mezzanines, equipment supports, warehouses, foundations, and wastewater treatment facilities.

Sargent & Lundy, Chicago, Illinois: 1983 to 1987

Structural Engineer - Responsible for structural engineering and design of cable tray and pipe supports for nuclear power generating facilities. Work included engineering calculations, layout, and field inspections.

Selective Projects**Honeywell, Metropolis, Illinois**

- Fluorine Plant Expansion
- Vibration Investigation & Mitigation
- Structural Steel Inspections & Repairs
- Melt Recovery System
- KOH Tank Replacement
- Nitrogen Plant Installation
- Rectifier Replacement
- Misc. modification projects to the Feed Material Process

HB Fuller, Paducah, Kentucky

- Pressure Sensitive Adhesives Facility in Paducah, KY and Guangzhou, China
- Polyol Plant
- Utility Piping System

BF Goodrich, Calvert City, Kentucky

- Chlorine Collection & Neutralization Facility
- Waste Water Collection System
- Mercury Sludge Incinerator

ISP Chemicals, Calvert City, Kentucky

- Deionized Water System
- Baghouse Control System

MeadWestvaco, Wickliffe, Kentucky

- Bridge Crane Runway
- Concrete Inspections & Repairs
- Structural Steel Inspections & Repairs
- Chlorine Dioxide Generator Installation
- Warehouse Expansions

- Hydrogen Peroxide Bleaching Facility
- Mill Effluent Refurbishment
- Liquor Heater Structure Replacement
- Bleach Plant Steel Replacement
- Caustic Unloading and Storage
- Size Press Scanner and Steam Profiler
- Stock Screening
- Mill Air Upgrade

Lockheed Martin, Paducah, Kentucky

- Plant Laboratory
- pH & Temperature Control System
- Criticality Accident Alarm System
- Switchyard Restoration
- PCB Capacitor Replacement

- Main Power Transformer Restoration
- Flocculator Drive Replacement

Cabot, Tuscola, Illinois

- Fumed Silica Installation

Wacker Polymers, Calvert City, Kentucky

- Emulsions Reactor Cooling and Expansion
- Emulsions Storage Facility

North Star Steel, Calvert City, Kentucky

- Binns Lathe Foundation

Fruit of the Loom, Princeton, Kentucky

- Clothing Factory

Education

BS Civil Engineering, University of Illinois, Urbana, IL - 1983

Engineering Licensure

Licensed Professional Engineer: Civil / Structural – Kentucky

Licensed Professional Engineer: Civil – Illinois

Professional Publication

Hlinka, John. (2014, January). Welding Reinforcing Steel: AWS D1.4. *Structure*, 23-24.

United States Patent

United States Patent Number 6,098,503 – Stick File Wrench

Professional Affiliations

American Society of Civil Engineers (2006 – Present)

American Institute of Steel Construction (2002 – 2010; 2012 – Present)

International Code Council (2007 – 2008)

(Revised 6/25/20)