

Joshua A. Cardinal, EIT

Staff Structural Engineer



EDUCATION

Michigan Technological University - BSCE

Michigan Technological University - MEngCE

PROFESSIONAL EXPERIENCE

Josh began his engineering career in 2012 after completing his graduate degree in civil engineering focusing in structural and geotechnical engineering. He worked for a large construction and engineering firm based out of Omaha, NE for four years before moving back to Michigan in 2016, at which time he began with JDH Engineering. Josh excels working with architects and contractors both on-site and in the office to develop efficient and cost-effective solutions to many unique engineering problems. He has worked on a variety of projects, of all sizes, ranging from multi-billion dollar energy projects as part of a large support team, to local projects working directly with the client. Josh is scheduled to take his Professional Engineering Licensure exam in April 2017.

Some of the various projects that Josh has worked on since joining the JDH team are:

- Midwest Energy Communications Center (Cassopolis, MI) – Project Manager and Concrete tilt-up wall panel design and coordination
- Design of several schools in the west Michigan area (Hartford Elementary School, South Christian High School)
- Several engineering evaluations in the greater Grand Rapids area (Betz Foundry, Kerkstra Precast, MSA Woodland Skating, High Grade Cement)

PROFESSIONAL AFFILIATIONS

American Institute of Steel Construction AISC

Structural Engineers Association of Michigan SEAMi

RESPONSIBILITIES

In his role as staff engineer, Josh works with senior engineers at JDH, providing engineering analysis and design of structural systems. Josh has also functioned as project manager for smaller projects, interacting directly with the client to coordinate designs to provide the most efficient, easily constructed product. Josh's flexibility to work with clients in a variety of capacities while still providing effective, quality results is one of his key attributes.

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