

# GEORGE A. KIISKILA, JR., P.E.

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PRINCIPAL, PROJECT MANAGER, AND STRUCTURAL ENGINEER

## Project Assignment

Project Manager

## Qualifications

George is a principal of UPEA and is the company's senior structural engineer. He has extensive experience in civil/structural engineering since joining UPEA in 1983. He is an expert on the design of bridges, roadways, parking decks, and commercial and institutional buildings. He is experienced in using all forms of construction materials including masonry, steel, concrete, pre-stressed concrete, timber and dimensioned lumber. George's experience also includes contract administration, construction and structural inspection, quality control and cost estimating. As a structural engineer, George is responsible for structural design calculations, design layout, material and size selections, cost estimating, supervision and review of detail drawings.

## Registration

Licensed Engineer: Michigan  
e-RAILSAFE Certified

## Education

B.S. Civil Engineering, Michigan  
Technological University

## Affiliations

American Concrete Institute  
American Institute of Steel Construction



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## Relevant Project Experience

**Bridges:** Project Manager for more than 80 bridge projects for cities and County Road Commissions in the Western and Central U.P.: Alger, Gogebic, Houghton, Ontonagon, Iron, Dickinson, Baraga, Menominee; City of Escanaba and the City of Wakefield. The total cost of the projects exceed \$20 million.

**Marina and Dock Work:** Project Manager for a variety of dock and marine construction and repair projects such as: Presque Isle Power Plant, Marquette, MI – Dead River Dock and Forebay reconstruction (\$2 million), Sugar Island Ferry Dock, Sugar Island, MI – Reconstruct cellular pier at Sugar Island. Escanaba Shiploader and Ore Dock for CN – Repair work to ship loader, conveyor supports, and piers. Marquette Lower Harbor Shiploader Demolition – Removal of all approach spans and wood timber material from the ore dock. Cofferdams for several bridge projects.

**Railroad Projects:** Project Manager/ Project Engineer for various projects (clients include Canadian National, Wisconsin Central, Ltd., Lake State Railway) including 40 bridge replacement projects in the Michigan and Wisconsin and bridge design work in Iowa and Minnesota.

### Roadway and Streetscape Projects:

Project Manager/Project Engineer for streetscape and roadway projects: M-203 Project, Calumet (\$500,000). Sharon Avenue West - Phase II (\$400,000). Lake Avenue Extension, Phase III, City of Houghton (\$400,000). Sophie Street Improvements, City of Bessemer (\$300,000). Ontonagon Streetscape Project, Village of Ontonagon (\$600,000).

Calumet Streetscape Project, Phase I, Village of Calumet (\$200,000). East Lakeshore Drive Project, City of Houghton (\$400,000). Sharon Avenue West Project, City of Houghton (\$800,000).

Elevated Walkways: UPPCO Parking Improvements Project, Contract #2 (\$250,000).

Professional Board Appointment: Served on the State of Michigan Barrier-Free Design Board by appointment of the Governor 2001-2005.

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**Building and Building Renovation Projects:** Project Manager or Project Engineer: Ojibway Correctional Facility Expansion, Marenisco, MI (\$16 million). UPPCO Corporate Headquarters Building, Houghton (\$5 million). Baraga Lakeside Inn Hotel, Baraga (\$1 million). Huron Street Apartments, Houghton (\$500,000). Houghton County Courthouse Renovation, Houghton (\$700,000). Ramada Inn Franklin Square, Houghton (\$1.1 million).

**Other Projects:** Project Manager or Structural Engineer: Geotechnical & Foundation Engineering work on several radio and telephone towers in U.P. Completed work with State of Michigan on the closure of about 35 abandoned and unsafe mine shafts in the Western U.P. Consulted on the headframe demolition and shaft filling at the No. 3 Shaft at the White Pine Copper Mine. Aragon Mine Shaft Capping Project, Norway (\$150,000). Brewery Dam Restoration Project, Manistique (\$210,000). Manistique Boardwalk Project, Phase I, Manistique (\$100,000). Chassell Township Park and Marina Improvements, Chassell (\$150,000). Catwalk and Railroad Platform Project at Champion, Inc., Quinnesec (\$200,000).

**Site work and Site Improvements:** Project Manager/Project Engineer: Alger Maximum Security Prison, Munising (\$7 million). Shopko/ Fairway Foods Site Design, Houghton (\$1 million). St. Ignatius Parking Lot Improvements, Houghton (\$100,000). Ripley Street Parking Improvements, Houghton (\$200,000). UPPCO Parking Improvements Project, Contract #1 (\$100,000). Ontonagon River Island Shoreline Improvements, Ontonagon (\$500,000).

Geotechnical: Northern Michigan University West Science Building; on 60 bridge projects, and all of the parking projects listed previously.

**Parking Structures and Facilities:**

Project Manager: Osborn Boulevard Parking Deck, Sault Ste. Marie, Michigan (\$6 million); Downtown Community Service Center Parking Deck. Houghton National Bank Parking Deck. Houghton County Courthouse Parking Deck. UPPCO Parking Improvements Project Contract #4. Quincy Street Parking Deck.