



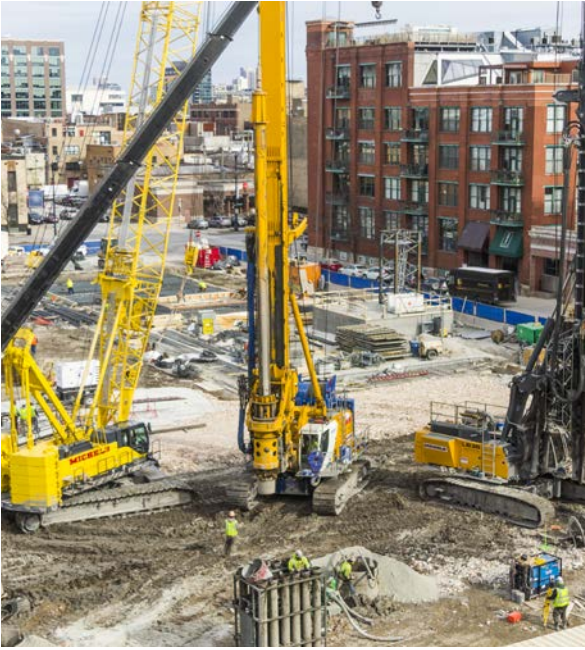
Strong, stable solutions for your projects

Michels Construction, Inc. gets your project off to a strong start by designing and constructing foundations and industrial facilities. We take pride in achieving project goals safely, on time, and within budget. Michels Construction serves the energy, transportation, and industrial industries with value-engineered, design-build solutions. Our multidisciplinary team consists of experienced leaders, licensed engineers, dedicated field crews, and an unmatched fleet of equipment.

MICHEL'S[®]
CONSTRUCTION, INC.

www.Michels.us

Infrastructure. **Delivered.**



DEEP FOUNDATIONS

Michels Construction, Inc.'s design-build capabilities ensure cost-effective, engineered solutions for even the most complex deep foundations projects. Our team includes licensed Professional Engineers (PE), licensed Structural Engineers (SE), and Multi-disciplinary Engineers (civil, structural, geotechnical).

Our techniques include:

- Augercast piles
- Drilled shafts (rock-socketed, belled, and oscillated)
- Driven piles
- Helical piers
- Micropiles
- Mini-caissons
- Permanent and temporary casing



DEWATERING

Groundwater can impact the safety and delay the progress of a construction project. Michels Construction, Inc. has the skills and expertise to quickly assess any groundwater control situation, design an efficient solution, and implement it.

Our techniques include:

- Bypass pumping
- Deep wells
- Sock tile
- Trenching
- Wellpoints



EARTH RETENTION SYSTEMS

Michels Construction, Inc. plans, designs, and builds cost-effective geotechnical structures to support deep excavations, both temporary and permanent. Our impressive collection of earth retention services is designed to provide you with custom solutions for your project needs.

Our techniques include:

- Ground anchors and tiebacks
- Drop shafts
- Secant and tangent pile walls
- Sheet piles (vibrated and hydraulic pressed)
- Soil nails and shotcrete
- Soldier piles and lagging
- Slope stabilization
- Underpinning

GROUND IMPROVEMENT

Michels Construction, Inc.'s experienced, in-house ground improvement engineers work with you to find the most technically sound, cost-effective solutions for complex challenges.

Our techniques include:

- Aggregate piers
- Dynamic compaction
- Grouting
- Rigid inclusion
- Stone columns
- Vibro compaction

INDUSTRIAL CONSTRUCTION

Michels Construction, Inc. supports customers by providing industrial and structural construction solutions needed for your systems, processes, and mission-critical operations.

Our techniques include:

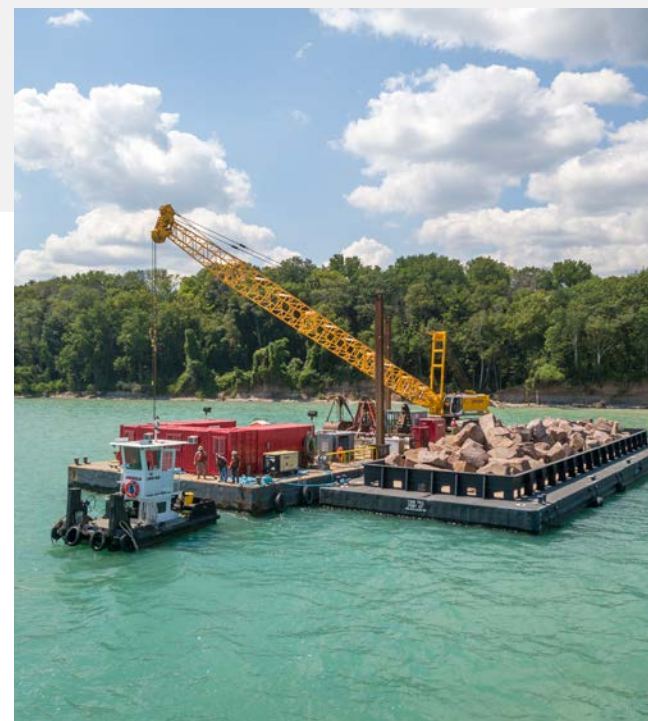
- Building erection
- Epoxy and structural grout applications
- Equipment alignments
- Rotating equipment installation
- Security fence installation
- Steel erection
- Structural concrete
- Structural steel fabrication

MARINE CONSTRUCTION

Michels Construction, Inc. is the premier, go-to contractor for a wide variety of marine work on lakes, rivers, and inlets. We have the experience, capabilities, capacity, and equipment required to tackle projects of all sizes, including many large-scale projects simultaneously.

Our techniques include:

- Certified commercial diving
- Cofferdams
- Gate installation and repair
- Hydraulic and mechanical dredging
- Hydrographic surveys
- Inspections and debris removal
- Intakes
- Island building
- Lock and dam repair
- Scour and erosion repair
- Shoreline restoration



Local. Everywhere.



MICHELS®

OFFICE LOCATIONS

UNITED STATES

Peoria, AZ	Independence, OH
Bakersfield, CA	Perrysburg, OH
Elk Grove, CA	Redmond, OR
Rio Vista, CA	Salem, OR
Salinas, CA	White City, OR
San Diego, CA	Harrisburg, PA
Santa Clara, CA	Washington, PA
South Windsor, CT	Houston, TX
Watertown, CT	Kent, WA
Kapolei, HI	Kirkland, WA
Bedford Park, IL	Marysville, WA
Montgomery, IL	Pasco, WA
Griffith, IN	Port Orchard, WA
Indianapolis, IN	Tumwater, WA
Cedar Rapids, IA	Brownsville, WI
Topeka, KS	Franksville, WI
Baltimore, MD	Green Bay, WI
Lakeville, MN	Lomira, WI
Otsego, MN	Madison, WI
Carrollton, MO	Milwaukee, WI
Missoula, MT	Neenah, WI
Pembroke, NH	New Berlin, WI
East Syracuse, NY	Wausau, WI
New Rochelle, NY	

CANADA
Edmonton, AB
Toronto, ON
Vancouver, BC

GERMANY
Nürnberg, Germany

AUSTRALIA
Wangaratta, Victoria

Cle Elum Dam *Ronald, WA* 2019

- Earth retention system for 20-foot-wide fish passage structure
- 35-foot to 95-foot deep soldier piles
- 222 tiebacks with average depth of 70 feet
- 31,000 square feet of shotcrete lagging
- Located in a lake bed

Private Energy Facilities *Montana, South Dakota, Oklahoma, Texas* 2020-2021

- 7,810 cubic yards of structural concrete
- 1,040 driven steel piles
- 543 drilled shafts
- 144,000 HP of electrical-driven rotating equipment installed with millwrighting and epoxy grouting
- 770 tons of structural steel (fabricated and erected)

Private Revetment *Bayside, WI* 2021

- Lake Michigan shoreline work done by barge
- 10,200 tons of 4- to 6-ton red granite armor stone
- 5,500 tons of 800 to 1,500-pound quartzite filter stone
- 3,200 tons of 4- to 10-inch quartzite bedding stone
- New revetment wall spanning 600 lineal feet
- 75-foot groin structure

McDonalds Headquarters *Chicago, IL* 2016-2017

- Foundation system for 9-story structure with 600,000-square-feet of space and two levels of underground parking
- 458 secant piles
- 100 top of rock (t/rock) caissons
- Temporary earth retention to construct elevator shaft prior to top/down construction
- O-cell testing

I-74 Mississippi River Bridge *Moline, IL* 2017-2018

- 242 drilled shafts (233 drilled in river)
- 7-foot and 10-foot permanent steel casing
- Up to 4 drill rigs working simultaneously from barges

An overview of the collective strength of the **MICHELS®** Family of Companies



8,000 people strong



14,000 pieces of equipment

1959

founded in



50+ locations globally



ENR's Top 400 Contractor's List

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