



Strong, stable solutions for your projects

Michels Construction, Inc. specializes in the design and construction of safe, technically sound, and value-engineered foundation, earth retention, ground improvement, industrial facility, and marine and groundwater solutions. Our crews work collaboratively throughout the United States, accessing and sharing learned experiences about regional ground conditions, preferential techniques, and project delivery methods. 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'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 (belled shafts and rock shafts)
- Driven piles
- Micropiles
- Mini-caissons
- Oscillated drilled shafts (temporary cased and permanent cased)

DEWATERING

Groundwater can impact the safety and delay the progress of a construction project. Michels Construction quickly assesses groundwater control situations, designs efficient solutions, and implements them.

Our techniques include:

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



EARTH RETENTION SYSTEMS

Michels Construction plans, designs, and builds cost-effective, temporary and permanent geotechnical structures to support deep excavations. 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)
- Slope stabilization
- Soil nails and shotcrete
- Soldier piles and lagging
- Underpinning



GROUND IMPROVEMENT

Michels Construction'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 and stone columns
- Chemical grouting
- Compaction grouting
- Dynamic compaction
- Rigid inclusions
- Vibro compaction

INDUSTRIAL CONSTRUCTION

Michels Construction 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 and installations
- Steel erection
- Structural concrete
- Structural steel fabrication



MARINE CONSTRUCTION

Michels Construction is the premier, go-to contractor for work on, in, and around water. We have the experience, capabilities, capacity, and equipment required to tackle projects of all sizes, including many large-scale projects simultaneously.

Our techniques include:

- Construction and environmental remediation of reservoirs and wetlands
- Diving
- Dock walls
- Environmental capping
- Hydraulic and mechanical dredging
- Hydrographic surveys
- Island building
- Jetties
- Lock and dam repair
- Revetments
- River and stream bank remediation
- Shoreline & beach restoration



FEDERAL INFRASTRUCTURE

Michels Construction uses our skills and experience to support the infrastructure needs of U.S. and allied governments.

Our techniques include:

- Aviation
- Bridges
- Design/build projects
- Construction, modification and removal of dams
- Floodwall construction
- Mass concrete
- On and around levees
- POL facilities
- Rail cut & cover tunnels
- Scour protection
- Spillway construction
- Water pump stations



CREATIVE SOLUTIONS

Michels Construction combines experience, best practices and creative problem-solving to develop efficient, technically sound, and cost effective ways to address challenging projects. Our solutions include alternative delivery methods, value engineering, and a unique ability to self-perform many aspects of complex projects by engaging the Michels Family of Companies and its shared values and commitments.

Local. Everywhere.



MICHELS®

OFFICE LOCATIONS

UNITED STATES

Peoria, AZ	Uniontown, OH
Bakersfield, CA	Tulsa, OK
Elk Grove, CA	Grants Pass, OR
Rio Vista, CA	Klamath Falls, OR
Salinas, CA	La Grande, OR
San Diego, CA	Redmond, OR
Santa Clara, CA	Roseburg, OR
South Windsor, CT	Salem, OR
Waterford, CT	White City, OR
Watertown, CT	Harrisburg, PA
Kaples, FL	Washington, PA
Bedford Park, IL	Houston, TX
Montgomery, IL	Kent, WA
Muncie, IN	Kirkland, WA
Valparaiso, IN	Marysville, WA
Cedar Rapids, IA	Pasco, WA
Topeka, KS	Port Orchard, WA
Baltimore, MD	Tumwater, WA
Waters, MI	St. Albans, WV
Lakerville, MN	Spokaneville, WI
Oroqui, MI	Franksville, WI
Crofton, MD	Green Bay, WI
Missocka, MT	Lomira, WI
Pendroy, NH	Madison, WI
East Syracuse, NY	Milwaukee, WI
New Paltz, NY	Neshub, WI
Independence, OH	Wausau, WI
Ferrysburg, OH	

CANADA

Edmonton, AB
Toronto, ON
Vancouver, BC

GERMANY

Nürnberg, Bavaria

AUSTRALIA
Wagga, 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)

Lake Adger Channel Maintenance Mill Spring, NC 2022

- Hydraulic dredging to restore boat access from navigation channel to lake
- Removal of 8,600 cubic yards of sand, silt and woody debris
- Erosion control, sediment control and turbidity barriers
- 1,500 feet of silt fence and 1,000 feet of silt curtain

Wisconsin Center Expansion Milwaukee, WI 2021-2022

- Design and construction of deep foundation system for expansion and seismic retrofit of existing building
- 2,700 cast-in-place driving pipe piles
- 600 micropiles
- 2,000 linear feet of earth retention and underpinning
- Simultaneous pile driving, micropiling, and earth retention operations

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



17,000 pieces
of equipment

1959

founded in



50+ offices
globally



ENR's Top 400
Contractor's List

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