MARINE SOLUTIONS

INNOVATION | QUALITY | EXPERIENCE



MARINE ENGINEERING | BRIDGE ENGINEERING | MARINE CONSTRUCTION | COMMERCIAL DIVING

QUALIFICATIONS

800-873-DIVE (3483)
MSImarinesolutions.com

Overview

- Focused on Marine Infrastructure
- Engineering and Construction Services
- Full Service Commercial Diving
- Certified Woman-Owned Business
- Experienced Federal Contractor
- Safety Driven
- Proven Past Performance
- 24/7 Response

NAICS
561990 | 541330 | 237990 | 237310
236210 | 237120 | 238990 | 541370



New York, New York.
Safety program certified by
ISNetworld and Avetta Safety Program.

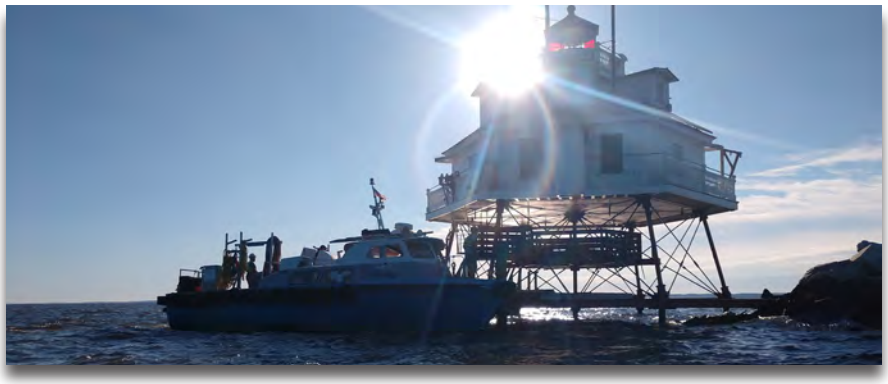
Overview

Marine Solutions is a specialized construction and engineering firm focused on building and maintaining waterfront, hydraulic, navigation, and bridge structures. Our headquarters are in central Kentucky with additional offices in western Kentucky, Idaho, Maryland, New Jersey, New York, Ohio, Pennsylvania, Tennessee, Utah, and Virginia. We offer our services throughout the United States and our valued clients include federal, state and municipal agencies, architectural and engineering firms, construction companies, and industrial entities.

At Marine Solutions our mission is to…

…be the unsurpassed leader in providing solutions to our clients' marine infrastructure needs.

Our team of experienced construction professionals, engineers, and commercial divers achieve this mission by exceeding expectations and remaining at the forefront of the industry.



Annapolis, Maryland.
Inspection, evaluation, and repair
construction of historic lighthouses.

Safety

Marine Solutions' top priority is safety. Diving practices are performed in accordance with OSHA Commercial Diving Regulations, U.S. Army Corps of Engineers Engineering Manual 385-1-1, Association of Diving Contractors International standards and applicable state and federal regulations. Our safety program has been accepted by the U.S. Army Corps of Engineers, the U.S. Navy, and the U.S. Coast Guard.

Performance

Marine Solutions carries a reputation of exceptional performance. We are a client-focused organization determined to solve problems and provide a best value approach to every service offered. This is accomplished by providing effective solutions, efficiently, on schedule, and within budget.

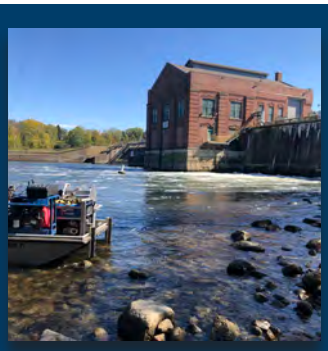
"Marine Solutions continuously provided highly qualified inspection and design teams for NAVFAC EXWC waterfront inspection and design projects. Marine Solutions was a very cooperative contractor and met or exceeded all deliverable deadlines in a timely and professional manner. The waterfront facility expertise of Marine Solutions is excellent. All diving safety regulations per the USACOE EM-385-1-1 were met without issue and all safety plans were submitted on time and in compliance."

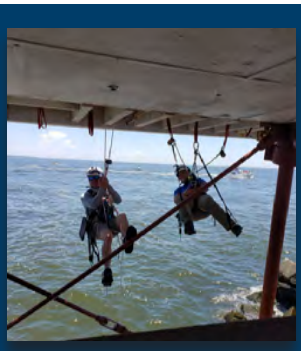
Shawn Lindmark, Waterfront Inspection Program Manager
NAVFAC EXWC

"Thank you and Marine Solutions for an outstanding job, I must say that the overall performance of your team was above expectations and very impressive and the job could not have gone any better..."

Ronald Oppenheimer, Project Manager, Operations
New Jersey American Water







"They are second to none, very dependable...they always make every effort to meet the customers needs...they have the qualified personnel to complete any task. Just exceptional to work with and offer many solutions to your problems."

Randy Padgett, Project Engineering
Louisville Gas and Electric

"...One thing that I have learned over time is to always operate with professionals who respect their work and deliver on time and on budget...Marine Solutions has proved the old adage that great companies perform great work!"

John Potvin, Lighthouse Manager, Director of Preservation
Thomas Point Shoal Lighthouse

Performance

References

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Marine Engineering

Services

- Inspections
- Assessments
- Repair Designs
- New Facility Designs
- Mooring and Berthing Analyses
- Construction Management
- Construction Quality Assurance
- Title II Services
- Scour Analysis
- Dredging Studies
- Service Life Estimates
- Acoustic Imaging
- Hydrographic Surveys
- 2D & 3D Acoustic Imaging
- Ultrasonic Thickness Testing
- Corrosion Potential Testing
- Timber and Concrete Coring
- ROV Inspections
- NYC Certified Special Inspections



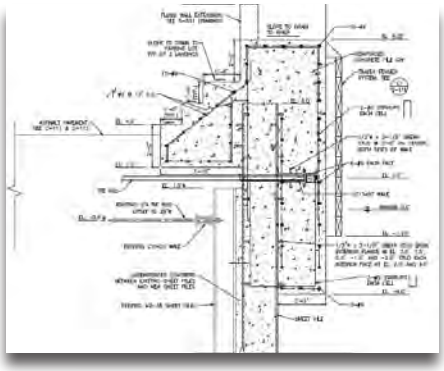
New York, New York.
Diver performing
bulkhead inspections.

Marine Engineering

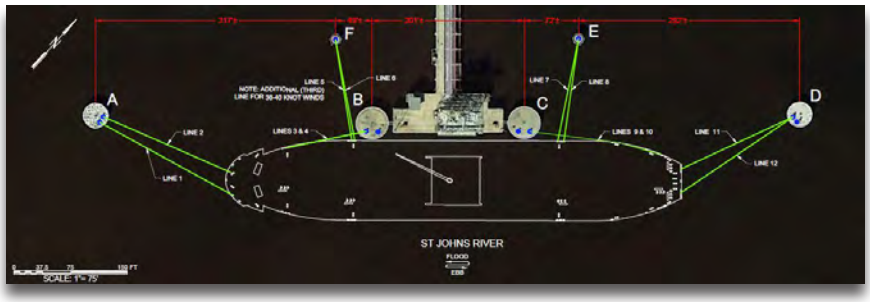
Marine Solutions offers engineering and design services related to each phase of the building and maintenance process including initial project planning, design, construction, monitoring and repairs. These services are anchored by experienced engineers who have been inspecting, repairing, and designing waterfront facilities for over a decade. Utilizing our marine construction expertise, our engineers are able to provide practical solutions to complex problems.



Baltimore, Maryland.
Diver inspecting concrete
piles supporting a pier.



Annapolis, Maryland.
Comprehensive structural
repair designs.



Jacksonville, Florida.
Mooring and berthing analysis
for marine terminals.

Waterfront Structures

- Bridges
- Wharves
- Revetments
- Breakwaters and Jettys
- Intake and Outfall Structures
- Seawalls
- Mooring Cells
- Security Barriers
- Piers
- Quaywalls
- Marinas
- Levees
- Pipelines
- Moorings
- Locks and Dams
- Deperming Facilities

Bridge Engineering

Marine Solutions offers certified bridge inspection and design professionals specializing in the most unique and challenging aspects of bridge monitoring, maintenance and rehabilitation. We provide the experience of inspecting bridges in more than 20 U.S. states. Our staff includes program managers, team leaders, and inspectors qualified by the National Bridge Inspection Standards. Our underwater bridge engineering services are led by licensed engineer divers and are complimented by hydrographic surveying and scanning sonar technologies for underwater visualization.



Knoxville, Maryland.
Bridge inspection by
certified personnel.



Fort Stewart, Georgia.
Above and below
water inspections.

Destructive and Non-Destructive Testing

Marine Solutions crews are experienced and qualified to perform a wide variety of underwater and above water testing, to include:

- Steel Ultrasonic Thickness Testing
- Concrete Powder Sampling
- Reinforced Concrete Rebar Locating
- Electrochemical Corrosion Potential
- Dye Penetrant Testing
- Steel Coupons
- Concrete Coring
- Timber Coring
- Weld Inspections
- Magnetic Particle Testing



Perryville, Maryland.
Bridge inspection via
a tracked all-terrain manlift.

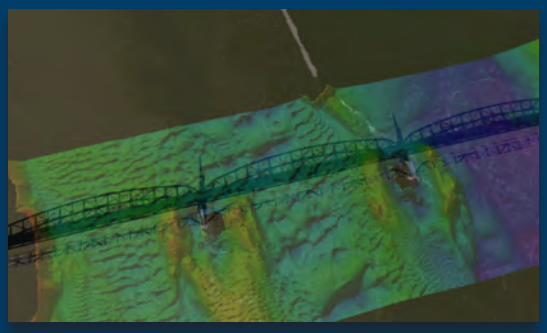


Harrodsburg, Kentucky.
Underwater acoustic image
of Kennedy Mill Bridge.

Bridge Engineering

Services

- Licensed Engineer-Divers
- NBIS Inspectors
- Level I, II and III Underwater Inspections
- Non-Destructive Testing
- Destructive Testing
- 2D/3D Underwater Acoustic Imaging
- Underwater Video and Photography
- Remotely Operated Vehicles
- Hydrographic Surveys
- Scour Evaluations and Analysis
- Bridge Foundation Repairs
- Scour Protection Installations
- Fracture Critical Inspections
- Ancillary Structure Inspections
- Load Rating Analysis
- Under Bridge Equipment Access
- SPRAT Certified Rope Access
- Unmanned Aircraft Systems



St. Louis, Missouri.
Multibeam hydrographic
survey of Merchants Bridge.

Marine Construction

Services

- Concrete Rehabilitation
- Pile Jacketing
- Dam Hydraulic Valve Systems
- Bridge Foundation Repairs
- Lock Gate and Valve Repairs
- Pipeline Installation
- Marina Construction
- Buoy Systems
- Dredging
- Hull Repairs
- Intakes and Outfalls
- Scour Repairs
- Coating Systems
- Mooring Cell Repairs
- Traveling Water Screen Repairs / Installation



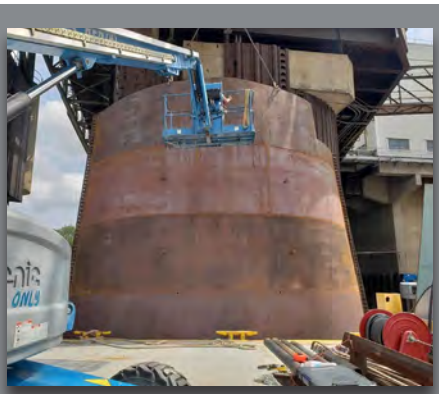
Paducah, Kentucky.
A section of steel sheet piles
being removed from Dam 52.

Marine Construction

Marine Solutions offers a wide variety of construction services ranging from underwater support teams to comprehensive construction both above and below the water surface. Our construction services are founded on our core principals of safety first, quality workmanship, and detailed communication with our clients and project partners. These core principles support our goal of providing innovative ideas and techniques to improve the constructed product and reduce cost. With combined marine engineering and construction expertise, we also have the unique ability to streamline rehabilitation projects and provide design-build services.



Riverside, Michigan.
Post tensioning
of a pier.

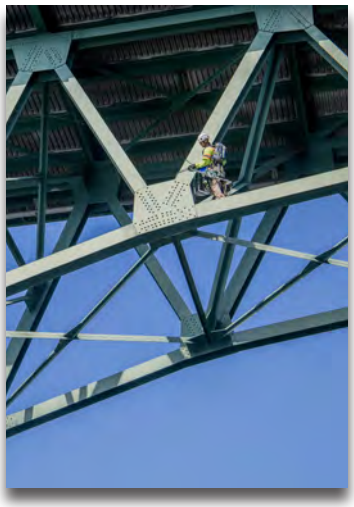


Bedford, Kentucky.
Installing 40’ diameter
cell band on an unloader cell.

Climbing and Rope Access Services

Marine Solutions has developed an elevated rope access program accepted by the U.S. Army Corps of Engineers for performing inspection, repair, and maintenance to elevated structures without the use of scaffolding or cranes.





Sandy Hook, Maryland.
SPRAT certified
rope access inspection.

Commercial Diving

Marine Solutions offers commercial diving as a stand-alone client service as well as in support of our marine engineering, bridge engineering, and marine construction services. As one of the largest inland commercial diving firms, we have the capacity and resources to mobilize on short notice no matter the size of the project. Our highly trained divers provide the qualifications and experience necessary to safely operate in even the most challenging environments.



Muncie, Indiana.
Installation of intake pipes and air burst lines for a water intake.



Baltimore, Maryland.
Pile repair of the Bear Creek bascule bridge.

Capabilities

Marine Solutions is fully capable of providing over 20 independent field crews supplied with the experience, staffing, equipment, and supplies required to complete anything from a basic underwater inspection to heavy marine construction, repair and or installations. We have identified and successfully worked with multiple teaming partners that work closely with us by supplying equipment, supplies, and experience in all our service areas.



Dublin, Virginia.
Performing a FERC-level condition assessment inspection of a hydroelectric power plant.



Hawesville, Kentucky.
Diver being lowered to inspect the stoplog slots prior to installation.

Commercial Diving

Services

- Deep Water
- Contaminated Water
- Mixed Gas Diving
- Underwater Demolition
- Potable Water Systems
- Rigging
- Confined Space Entry
- Intake/Outfall Maintenance
- Certified Welding
- Salvage
- Steel Burning and Cutting
- Steel Fabrication
- Jetting and Air-Lifting
- Remotely Operated Vehicles



Portsmouth, Ohio.
Diver heading down to repair damage and stop leakage in a potable water tank.

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