



SAFE AND SOUND PORTS & HARBORS

Safe navigation, efficient layouts, and reduced maintenance costs are hallmarks of sound port and harbor design. AMI delivers reliable solutions grounded in science, constructability, and deep expertise.

Our team includes professional engineers, engineer-divers, and experienced technicians who specialize in marine civil engineering. With state-of-the-art equipment and a broad range of services, AMI is a leader in both topside and underwater engineering across the U.S. and abroad.

PORTS, HARBORS & MARINE TERMINALS

Maritime planning, asset management, and engineering are AMI's core specialties. We've played a key role in the development of modern ports at regional, national, and international scales, from the fresh waters of the Great Lakes and inland rivers to the saltwater coasts of the U.S. and Caribbean.

AMI is recognized for innovative solutions in the maritime industry. Our services include planning, inspection, assessment, repair, and full design of both new and existing facilities. We support clients in bulk materials handling, containerization, heavy lift, liquid transfer, and transshipment. Our experts are well-versed in both current and historical port design, as well as complex environmental regulations.

RIVER TERMINAL & BULK HANDLING

Our inland river systems are vital connections to the Great Lakes and global markets. AMI specializes in the planning, engineering, and asset management of river terminals and bulk transfer facilities, supporting multimodal operations via road, rail, barge, and ship

We provide a full suite of services including feasibility studies, environmental and economic assessments, hydraulic analysis, mooring cell and dolphin design, storage planning, rail and drainage design, dredging, and disposal strategies.

MARINE AND HARBOR SERVICES

WATERFRONT INSPECTION SERVICES

AMI offers comprehensive inspection services for all types of waterfront infrastructure. Our certified engineer-divers and technicians conduct detailed topside and underwater inspections using advanced imaging and sonar technology. These inspections provide clients with a complete understanding of the condition of their structures and supporting infrastructure.

HYDROGRAPHIC SURVEY & DREDGE PLANNING

Our hydrographic capabilities include single- and multi-beam sonar surveys processed with HYPACK software for accurate bathymetric mapping. We use side-scan sonar, sector-scan imaging, sub-bottom profiling, and magnetometer surveys to assess underwater conditions and identify obstructions or debris. Topside, we offer 3D laser scanning to generate precise structural renderings.

CONSTRUCTION & PERMITTING SERVICES

AMI provides full-service construction management to ensure projects are executed according to design intent and client expectations. Our services include bid assistance, construction coordination, schedule management, daily inspections, materials testing, pay applications, and project closeout.

We also offer comprehensive permitting services, navigating complex requirements from agencies including the DNR, EPA, U.S. Army Corps of Engineers, Fish and Wildlife Service, SHPO, and others. Our specialists are experienced in acquiring permits for submerged lands, open water mitigation, and more.

RESILIENT & SUSTAINABLE DESIGN

Ports and harbors face increasing pressure from climate change, severe weather events, and evolving environmental regulations. AMI integrates resilient and sustainable design principles into every project—from shoreline stabilization and green infrastructure to low-impact development (LID) techniques—helping clients future-proof their facilities while supporting long-term operational and ecological health.

