

PORTS AND HARBORS



Multimodal solutions for efficient port operations

Your port is vital to moving the economy. Issues with planning, design and operations can be costly and time-consuming. From commercial ports and marine terminals to recreational marinas and multimodal industrial parks, we will focus on your goals, budget and timeline.

Hanson provides professional services to port authorities; economic development organizations; power and transportation companies; private industry, including port tenants; other consulting firms; and local, state and federal government agencies. We integrate our extensive market knowledge and operational experience to develop and implement logistics solutions across all transportation modes.

Your project is more than just another design, and you are more than just another client. Our comprehensive approach to developing safe, efficient and cost-effective solutions is the beginning; as your trusted adviser, we make your long-term success our goal.





Working to create solutions for you

Inland ports and terminals

You can lean on our deep experience in the planning, design and operations of ports and river terminals, from emerging ports with minimal tonnage to established ports and river terminals moving millions of tons of cargo and freight per year. When you're looking for a one-stop source to successfully complete your riverfront project, turn to us. You'll have our inland river system knowledge, freight movement expertise, barge industry contacts and Class I railroad experience readily available.

Industries

Industrial port tenants need cost-effective and functional solutions that benefit the tenant and the port. From site layout planning and operation plans for prospective tenants to infrastructure expansion design and operation upgrades for existing tenants, we work with you to fully understand your operational requirements and constraints.

Waterways

The inland waterways provide a critical link for the movement of freight, especially bulk commodities. If you seek support for your continued or expanded use of these waterways or you're looking for a means of economic development, our waterway and freight studies can help you find your advantage.

Multimodal solutions

Your multimodal facility demands efficient, integrated operations. The efficient operation of any multimodal facility is critical to maximizing your profit, and modal options can result in significant transportation savings for your business. We have significant experience working with ports, river terminals and industrial clients to develop multimodal transportation solutions.

Port and maritime industry involvement

You need solutions that are technically sound and operationally efficient — solutions that increase your economic benefits. That's why our team is actively involved in numerous port-related and maritime industry associations, including Inland Rivers Ports and Terminals (IRPT), the Missouri Port Authority Association (MPAA) and the American Railway Engineering and Maintenance-of Way Association (AREMA). Our involvement allows us to keep up with technical developments and maintain knowledge of business and operational changes and challenges in the industry.

Highlights of our experience

Our port-related services include:

- strategic plans
- market studies
- site selection
- master plans
- conceptual design
- engineering design, plans and specifications
- construction observation
- operational analyses and optimization
- existing infrastructure condition assessments
- project funding strategies development
- tenant lease and operator agreement consultation
- geotechnical analyses
- topographic surveys
- environmental studies and permitting
- federal, state and local agency coordination
- stakeholder involvement
- statewide and regional waterway studies

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