

# INDUSTRIAL SITE RAIL



## Hanson can help keep your logistics on track

Whether you're looking to expand your existing rail yard, build a new yard or enhance your rail operations, you can count on Hanson to support you every step of the way.

Our solutions provide timely, cost-effective and space-efficient designs for your rail infrastructure that can help you improve service with the railroad. We have designed new yard and yard expansion projects that have resulted in a 12- to 18-month payback period on rail project costs — helping clients save money, increase efficiency and strengthen their bottom line.





## Working to create solutions for you

Hanson understands rail projects and their inherent complexities, and we understand how to work with railroad and industrial companies. With a team of engineers, planners, scientists and specialists, we provide planning, conceptual layout and preliminary design, front-end engineering and design (FEED), final design and construction support. We also can help you with projects involving:

- rail operational analysis and improvement
- arrival and departure (receiving and departure) yards
- new connections to servicing railroads
- rail loading and unloading facilities, including static and in-motion scales and spill containment
- railroad track or yard rehabilitations
- storage-in-transit (SIT) yards
- yard expansions

## Our services include:

- bridge design, including seismic design
- bridge inspections, assessments and plan checks
- construction observation and administration
- design-build and engineer, procure and construct (EPC) methods
- electrical lighting design
- environmental impact assessments and permitting
- feasibility studies and planning
- geotechnical investigations
- hydraulic and hydrologic analyses
- mechanical design
- quality assurance and quality control
- railroad operations assessments and planning
- rail specifications and engineering standards development
- rail/track/facility evaluation and assessment
- studies, plans and specifications
- subgrade stability analysis
- surveying
- track design
- transportation and civil design
- value engineering
- yard layout

## You can leave the red tape to us

Hanson is familiar with the broad assortment of permits that may be required for new construction and facility renovation or closure. We understand and can identify federal, state and local permitting requirements, working closely with you and regulators to provide necessary documentation in a timely manner.

We'll work with you to keep your project in compliance with permit requirements and your construction on schedule.

Let Hanson help enhance your railroad assets so you can focus on what's important to you — serving your customers and building your business.

