



Planning, permitting, design and construction phase services

We have solutions for your industry infrastructure challenges. From planning and permitting to design through construction, Hanson will collaborate with you from start to finish. We have leaders with the knowledge and experience needed for support of your industry projects. Our team can work with you to manage planning, permitting, design and construction, with the common goal of successful projects in compliance with regulatory permit requirements.

Working to create solutions for you

Our industry infrastructure support services include:

Environmental services

- An intimate knowledge of IDNR and IEPA personnel, policies, procedures and permitting requirements
- NPDES permitting for stormwater discharges from construction, including SWPPP and compliance monitoring
- Wetland delineation mitigation and USACE 404 permitting
- IEPA 401 Water Quality Certification, as necessary, including anti-degradation and alternatives analyses
- Biological and habitat assessments, mitigation and restoration
- DNR permitting
 - Siting studies, including well setback requirements
 - Groundwater studies and well installation monitoring, sampling and statistical analyses
 - Dam safety permitting for impoundments
 - Flood plain construction permitting

Geotechnical services

- Geotechnical reports and analysis, including those focusing on slope stability for site grading and impoundment design

- Construction-phase geotechnical engineering (earthwork, slope stability, etc.)

Structural and civil design services

- Pre-design site visits by senior engineers to identify conditions that may cause budgetary and schedule issues
- Cross-country access road and pipeline alternative analyses, layouts, mapping and construction phase services
- Civil design services for facilities (including well sites, compressor stations, sand off-loading facilities, etc.)
- Structural engineering, including design of retaining walls where space constraints limit grading

Transportation services

- Traffic management plans
- Road/intersection upgrade design for construction access
- Extensive rail and intermodal facility experience
- Road condition assessment and monitoring/imaging services
- Liaison services utilizing an intimate knowledge of transportation issues and working relationships with local officials throughout the region

A team you can trust

Our team at Hanson has the experience and relationships necessary to assist you in the execution of your project. Hanson has a proven track record of prompt mobilization of design and field personnel. We can design contractor-friendly plans, which establish quantities and procedures that help minimize our client's site-development costs and help development budgets stay under control.

In addition, Hanson knows the essential compliance requirements of the federal, state and local laws, regulations and ordinances that are necessary for the required approvals and successful completion of industry projects. Since our company was founded in 1954, we have worked closely with public agencies and private entities to facilitate the coordination of our clients' projects. We also can offer public-involvement management and support services.

