

# GEOTECHNICAL ENGINEERING



## We dig deep for geotechnical solutions

Across the United States, Hanson has completed diverse and challenging geotechnical and geoscience projects — from bridges and buildings to pump stations, dams and low-level radioactive waste facilities. With our knowledge and diverse experience, our engineers and scientists can help you with your specific project needs.

Let us leverage our experience for your next project.





## Working to create solutions for you

We can provide geotechnical design services for a variety of structures requiring specialized and unique solutions, including:

- bridges
- buildings and multi-story facilities
- earth dams and levees
- large industrial storage tanks and silos (LNG/LPG, fuel, grain and coal)
- pump stations
- retaining walls
- road and railway embankments

## Highlights of our experience

Across the United States, Hanson has completed diverse and challenging geotechnical projects. Our geotechnical engineers have put their skills and experience to work on:

- twelve major bridges over the Mississippi, Ohio and Illinois rivers
- more than 225 dams
- more than 150 miles of levees
- subway systems in Atlanta, Ga.; Boston, Mass.; Pittsburgh and Philadelphia, Pa.; and Washington, D.C.
- nuclear power plant underpinning designs
- more than 500 railroad bridges
- low-level radioactive waste facilities in six states
- locks and dams
- ash pond and waste impoundments
- landfills and gypsum stacks for coal combustion residuals
- coal ash beneficial use designs
- heavy industrial foundations
- power stations



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