Leading. By Design.
What does leadership mean to Ground Improvement Engineering?

It means being the only company in the country devoted solely to what our name says we do. And being the first to introduce Geopier® solutions in the Midwest.

It means having the deepest local market knowledge. And having the most successes under our belt.

It means giving builders the best technologies to get the job done quickly, correctly and cost-effectively. And giving geotechs the respect of inclusion throughout the project because they’re the very cornerstone of our success.

It means being the ground improvement company that takes all those operating within an inherently unstable world to solid ground – with a powerful combination of highly technical expertise and close collaboration. Reducing risk, lowering stress, and boosting the bottom line for all.

So the next time you have a ground improvement need, look to the one company designed from the ground up to turn its engineering into your advantage.

Look to GIE. We’re Leading. By Design.
Ground Improvement Engineering (formerly Geopier Foundation Company – Midwest) is the Midwest’s leader in designing ground improvement. And since our inception, we’ve been “Leading. By Design.”

Twenty years ago, we introduced a skeptical geotechnical and structural engineering community to the very notion of ground improvement. Soon after, our company designed the first Geopier application in the Midwest.

Today, more than 1,500 successful Geopier solutions later, we are still the only company in the country devoted solely to designing ground improvement. Just as we are still dedicated to designing Geopier applications. Put simply, they give our clients the best, most practical, most cost-effective alternative to deep pile foundations and over-excavation/replacement.

So when you have a slope improvement or soil stabilization need, call the leading name in the game – Ground Improvement Engineering. No matter where your site stands, no matter what your poor soil conditions are, it’s familiar territory to us.
True innovation.
For nearly any soil situation.

OUR TECHNOLOGIES

Soft clay or silt. Loose sand. Organic soils, uncontrolled fill, high groundwater.

At GIE, no matter your soil conditions, we have the unique products and processes to help us succeed. Chief among them: our Rammed Aggregate Pier® (RAP) Systems for soil and slope stabilization (Geopier®, Rampact®, Impact®, Grouted Impact®, etc.)

These intermediate foundation innovations are the best alternative to massive over-excavation and deep pile foundations. (If they weren’t, we’d invent something else.)

All utilize a distinctive vertical impact ramming energy to deliver superior strength and stiffness; all can be installed using replacement or displacement methods. Most importantly, RAP systems are more versatile, provide greater support capacity, and are a better economic value than the historical vibro-stone column method.

Best yet, all of this technology and know-how is backed by two decades of proven foundation support, and the relentless R&D of Geopier Foundation Company – whose conception and implementation of new systems like RAP have optimized costs, codes and schedules the world over.
Since our inception, GIE has prided itself in offering state-of-the-art geotechnical services to contractors and structural engineers across the Midwest. These services include:

**Feasibility Studies**
Your site is vacant for a reason. Others have passed on it due to poor soil conditions. Give us a look and we’ll tell you if the soils can be improved – and if so, how it can be done and how much it will cost.

**Value Engineering**
Cost overruns with your current approaches? We want to collaborate with you, find out what your needs really are, and tailor a solution that delivers value and solid support.

**Sustainability Evaluation**
Tired of “green washing?” We fix your soils in place, often with recycled materials, and with methods that expend much less fossil fuel.

**Schematic Design**
Want to see what the ground improvement layout will look like, or how we calculate settlement and bearing capacity? We’ll be happy to show you so that you’re confident moving ahead.

**Budget Estimating**
A construction project can’t get the go-ahead without scope and expense. We’ll strive to give you an estimate and design you can use to negotiate a purchase price or proposal.

**Engineering Deliverables**
Our local geotechnical engineers use the latest CAD technology to provide detailed ground improvement plans. Moreover, our engineering calculations are all in there – in English units – so you can easily follow them.

**Other Services**
There are situations when ground improvement may not be the most efficient solution for a variety of reasons. We tackle these issues with our design experience with micro-piles and other foundation/improvement solutions.

Nobody’s subsurface expertise runs deeper.

GROUND IMPROVEMENT SERVICES
At GIE, relationships are the foundation of all we do. That’s why, as former geotechnical consulting engineers ourselves, you’ll find we’re always the first to the geotech’s side. And why you’ll work with the same engineer throughout the entirety of your project. That’s why we station people who are well-versed in your local geology in your local market. And why every last design is either done, or reviewed, by one of our owners. Because, at the end of the day, ground improvement really does come down to one simple thing. Giving you total confidence in your footing.
A rock-solid reputation. And the roster to prove it.

From energy to transportation, healthcare to hospitality, agricultural to industrial, retail establishments to educational facilities, GIE has helped some of industry’s biggest builders keep their signature structures standing strong. Here’s a client cross-section:
GIE stands ready to support you.

Tell us how we can help you. Just contact the engineer conveniently located in your area (listed on page 6) with any questions. Also, be sure to follow us on LinkedIn, and on our blog at groundimprovementeng.com

IN PARTNERSHIP WITH

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