

## Pavement Optimization

### Improving Roadway Performance While Maximizing Cost-Effectiveness

Conventional pavement design methods and road construction practices present ever-growing challenges to engineers, contractors and owners. Road construction budgets are under increasing pressure to deliver improved value and performance for less money. Further issues include inadequate pavement structures, lower maintenance budgets and increasing material costs. These issues have forced roadway designers to seek alternatives to conventional strategies. What if it were possible to optimize a pavement design to get the best performing roads for the lowest cost?

The Spectra® Roadway Improvement System featuring TriAx® Geogrid makes pavement optimization a reality. After three decades of extensive research validated by leading experts in the field, we're proud to lead the industry into a new era of pavement design. Pavement optimization with the Spectra System works within AASHTO design methodology, allowing you to precisely quantify the benefit of integrating a mechanically stabilized layer (MSL) into the roadway section. This allows you to design for increased performance and lower design risk, while maximizing the project's cost-effectiveness.

#### BENEFITS OF USING TRIAX GEOGRID

- ▶ Better performing pavement for the same initial cost as a conventional unstabilized design.
- ▶ Proven performance backed by three decades of research and field validation
- ▶ Comprehensive engineering support services
- ▶ AASHTO design methodology compliance

#### CHOOSE HOW TO OPTIMIZE YOUR DESIGN

Whether you need maximum life, reduced construction cost, or the optimum design for a fixed budget, the Spectra System puts you in control.

For more information on the Spectra System or other Tensar Systems, call **800-TENSAR-1**, visit [www.TensarCorp.com](http://www.TensarCorp.com) or e-mail [info@tensarcorp.com](mailto:info@tensarcorp.com).

