PAVEMENT OPTIMIZATION
TriAx® GEOGRID
The Spectra System is supported by years of laboratory research, full scale testing and practical experience in the field. The system offers two major benefits for pavement designers:

Lower initial Costs: Full scale research indicated that a significant reduction in the pavement component thickness can be achieved with the Spectra Roadway Improvement System:

- Reduction of asphalt layer 15-30%
- Reduction of aggregate layer 25-50%

cost savings are realized through reduction of raw material usage and through hauling and placement charges.

Reduced Life Cycle Costs: Through the unique properties of TriAx Geogrids, the Spectra System offers engineers, contractors and owners a solution that extends the service life of a pavement structure.

In flexible pavement structures, TriAx Geogrids are traditionally used to stabilize the aggregate base course layer immediately below the asphalt cement concrete.

**Spectrapave 4 Pro™ Software**

SpectraPave 4 Pro Software, allows the user to accurately predict the performance of geogrid stabilized and unstabilized structures for paved applications. The software offers two cost analysis tools to evaluate design options for paved roads.

The module was developed to allow the designer to consider the benefits of using the Spectra System incorporating TriAx Geogrids in flexible pavement applications considering both traffic benefit ratio (TBR) and enhanced aggregate layer stiffness coefficients. The calculations employed are in full accordance with AASHTO’s Flexible Pavement Design Guide.

The Paved Applications module includes both initial cost savings and comprehensive life cycle cost analysis (LCCA) such that both short and long term savings using the Spectra System can be determined.