

**Title : Research Summary Documenting TriAx Geogrid performance**

<b>Number</b>	<b>Study</b>	<b>Type</b>	<b>Objectives</b>	<b>Results</b>
1	Accelerated loading on 3 Full-Scale pavements with aggregate base and geogrid stabilized aggregate base	Accerlerated pavement tests with HVS, Analyses	Demonstrate the benefits of TriAx enhanced pavements, and provide calibration for design using TriAx.	Increased layer coefficients for aggregated base sections were realiaized for the aggregate base. This validates HMA and AB reduction for TriAx enhanced pavement sections.
2	Applied Research Associates(ARA) SpectraPave Review	Independent Review of Tensor Design Methods	Third Party Review of Tensor's Design methods validating compliance with AASHTO R-50	Tensor's Design Methods and Calculations are compatiable and consistent with AASHTO R50-09.
3	Highway 905 and La Media	Field Test and Long Term Performance Testing	To Valdate the field performance during construction as well as provide a long term performance evaluation.	Results show that the TriAx geogrid is performing as well or better than the control section after 10 years of service
4	Structural Condition Assessment of Reinforced Base Course Pavemment, USCOE ERDC/CRREL and NHDOT.	FWD and short term performance testing	Evaluate the benefits of geogrid in flexible pavement sections for base course reduction	In this case, a reinforced base course with a TriAx TX 160 geogrid in this location and under these conditions indicated a significant performance increase. In these test sections, the reinforced base-course sections with a TriAx TX 160 geogrid provided a reduction of thickness between 1.5–1.7 times that of the non-reinforced ones due to the (added) stiffness of the grid mesh.”