

Harper Fiat - Knoxville

BIAXIAL GEOGRID

Material Description

Alliance Geosynthetics – BX Type 1

Grading Contractor

Rock Bottom Excavating
Jacob Jones, Owner

Geotechnical Engineer



**PROFESSIONAL
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Testimonial

This project site was underlain by a few feet of soft to firm, wet fill soil. The material was undercut entirely from beneath building foundations, and a partial undercut was performed beneath a portion of the pavement areas.

At time for pavement construction when faced with additional unstable subgrade conditions, geogrid was considered in lieu of additional undercut and replacement. One primary reason for using the geogrid was the time savings. The project is on a close time line (as are most), and the contractors did not have time to remove and replace a significant amount of material.

A layer of RigidGrid BX Type 1 was placed over the entire exterior pavement subgrade. The base stone layer was placed and compacted directly on top of the geogrid.

We have seen this type of geogrid used successfully in a number of projects, and we will continue to recommend its use.

Sincerely,

Jeff Abston, P.E.

