



ALLIANCE GEOSYNTHETICS



Case Study 55

Project Name:

Oklahoma Expo Hall

Location:

Oklahoma City, OK

Date:

Fall 2015

Product:

AllianceGeo BX Type 2 (25,000 SY)

Owner:

State of Oklahoma

Contractor:

Atlas General Contractors, LLC

Geotechnical Engineer:

Professional Service Industries (PSI, Inc.)



Application / Problem Description:

Paved parking facility and sub-soil reinforcement beneath building slab

Solution:

The Engineer for this project had concerns regarding the placement of the facility's foundation slab on underlying soils of variable stiffness. In the end, a granular layer reinforced with an AllianceGeo BX Type 2 geogrid was used to help mitigate differential settlement. A similar layer was used to help limit cracking in the car park areas.



For more information on Alliance Geosynthetics products, call 1.877.454.8096

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