



ALLIANCE GEOSYNTHETICS

Case Study 4

Project Name:

Nelson Avenue

Location:

Industry, CA

Owner:

City of Industry

Date:

September 2012

Product:

AllianceGeo BX Type 1 Geogrid (28,000 SY)

Civil Engineer:

CNC Engineering

Geotechnical Engineer:

Kleinfelder

Contractor:

Shawnan Construction



Application/Problem Description:

Base reinforcement of a paved road.

Solution:

Nelson Avenue in the City of Industry experiences high truck traffic, and therefore requires a thick structural pavement section. By incorporating a layer of BX Type 1 geogrid into the design, the aggregate base layer thickness was reduced from 17" to 12". This allowed the City to save on material costs and speed up construction whilst still providing a robust structural section to support the design traffic loads.

For more information on Alliance Geosynthetics products, call 1.877.454.8096

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