

Geogrid pavement solution helps project meet schedule and budget.



## The Ranch - Village 13 - K. Hovnanian Homes

Rancho Cordova, CA

### CHALLENGE

After cutting grade to begin construction of the pavement sections, Teichert received updated R-value subgrade conditions from Mid Pacific Engineering that would require a thicker aggregate base course section or thicker asphalt lift to meet the pavement design requirements.

### TENSAR SOLUTION

Local Tensar representatives worked with the developer and engineer to provide a solution that would meet the required design traffic indices while keeping the project on schedule and budget in the most cost-effective manner. By incorporating HX 5.5 geogrid on the subgrade with the planned section thicknesses, the engineer was able to increase the design subgrade R-value, maintain pavement section thicknesses and increase the traffic index.

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#### PROJECT DETAILS

Contractor

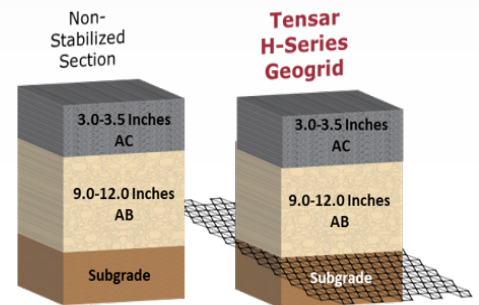
**Teichert Construction**

Installation

**July 2024**

Product

**Tensar H-series HX 5.5 geogrid**



Unstabilized section on the left compared to the geogrid stabilized section on the right.

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