

InterAx® soft subgrade solution saves time by eliminating over-excavation & replacement



Iowa City Road Bridge Replacement – Yuba County

Marysville, CA

CHALLENGE

Yuba county was reconstructing the flexible pavement section for the bridge approach on Iowa City Road. The engineer recommended a pavement section of 4" AC/ 15" AB to satisfy the required TI. However, during construction the contractor encountered subgrades that were deflecting under relatively light construction equipment loads.

TENSAR SOLUTION

The County partnered with Tensar to develop a subgrade stabilization solution that eliminated the need for over-excavation and material replacement. Using Tensar+ software, Tensar performed a design analysis that confirmed a single layer of InterAx® NX850 geogrid installed in the proposed pavement section would provide a firm, stable surface for paving. As a result, the contractor paved more efficiently and stayed on schedule.

Tensar®

A Division of CMC

PROJECT DETAILS

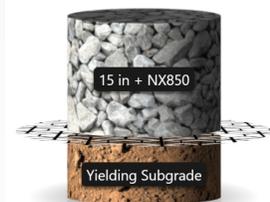
Installed Date:
November 2022

Contractor:
Viking Construction Company

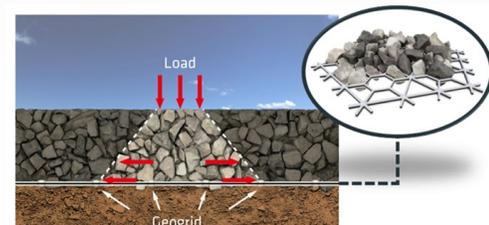
Application:
Subgrade stabilization for pavement construction

Product:
NX850 InterAx Geogrid

Firm and Unyielding
AB Surface



Cross-section using InterAx geogrid solution



InterAx provides lateral restraint to confine the aggregate material so it doesn't move under load.

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