

Proof roll succes without over-excavation or delays thanks to InterAx® solution



Residential Development

CLIENT'S CHALLENGE:

During roadway construction in a residential development, the contractor encountered weak subgrade conditions that caused the proofroll to fail. The unstable section prevented asphalt placement, creating schedule delays and requiring an effective stabilization solution.

TENSAR SOLUTION

Tensar assessed the affected roadway and conducted DCP testing to identify the subgrade conditions contributing to the failure, collaborating closely with AIMRIGHT Testing & Engineering throughout the evaluation. Based on field observations, Tensar recommended installing a single layer of Tensar InterAx NX850 geogrid topped with twelve inches of aggregate over a prepared roadway surface.

The stabilized section increased confinement and bearing capacity, creating a stable construction platform that allowed the contractor to achieve a passing proofroll prior to paving. This approach eliminated the need for excavation, reduced aggregate requirements, and delivered substantial cost and schedule savings.

Tensar
A Division of CMC

PROJECT DETAILS

Location
Bixby, Oklahoma

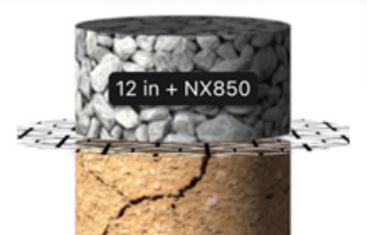
Engineer
AIMRIGHT Testing & Engineering

Installation
December 2025

Product
InterAx NX850



The InterAx solution kept the paving operation on track by delivering a stable platform to pass the proof roll.



InterAx geogrid reduced the aggregate requirements and eliminated the need for excavation.

let us help you with your next challenge: tensarcorp.com email: info@tensarcorp.com



We're CMC. You'll find our products strengthening and reinforcing the infrastructure nearly everywhere on the planet – in sports stadiums and public buildings as well as highways, bridges, railways and other structures. To serve this global market, CMC maintains facilities across the United States, Europe and Asia. These sites include everything from local recycling centers, steel mini-mills and micro-mills to large-scale fabrication centers, heat-treating facilities as well as other operations. cmc.com ©CMC 2025