

# Tensor

A Division of CMC

PROJECT PROFILE



## GlasGrid 8511TF provides enhanced pavement performance for project in Weld County, Colorado



### CLIENT'S CHALLENGE:

To address the impact of increased truck traffic on local roads associated with the growth of oil and gas exploration, Weld County has been evaluating cost effective methods to increase the structural capacity of their extensive network of county road assets. One method considered was the improved structural capacity provided by GlasGrid 8511 TF HMA reinforcing grid.

### TENSAR SOLUTION:

In 2019, Tensor and Vance Brothers worked with the County to conduct a trial using Glasgrid 8511TF to demonstrate improved pavement structural performance and crack mitigation. After four years of heavy trafficking, the test section demonstrated significantly less surface distress, cracking and improved ride quality. The county elected to use GlasGrid 8511TF to manage their portfolio of road assets and recently completed a successful 5-mile reconstruction by removing 5" of existing HMA, applying 12" of full-depth reclamation with 5% cement, 4" of aggregate base, one 2.5-inch lift of HMA, GlasGrid 8511TF, a 3" lift of HMA topped by a 1.5" wearing course of course of Weld County road 77.

📍 Weld County, CO

**Owner:** Weld County

**Contractor:**  
Weld County Public Works

**Installer:** Vance Brothers

**Installation:** October 2023

**Product:** GlasGrid 8511TF

