

City Extends Pavement Maintenance Cycles and Achieves High PCI Ratings with GlasPave® Products



City of Dana Point

Dana Point, CA

CHALLENGE

Like many municipalities, the City of Dana Point faced the ongoing challenge of maintaining high-quality roadways while minimizing the cost, disruption, and frequency of pavement repairs.

The city sought an innovative pavement preservation strategy that could reduce cracking, improve long-term pavement performance, and help preserve roadway conditions across its network of local streets, collector roads, and arterial routes.

SOLUTION

Starting in 2010, the City of Dana Point incorporated Tensar's GlasPave® 25 and GlasPave® 50 pavement reinforcement products into its pavement maintenance program.

GlasPave paving mats provide waterproofing protection while reinforcing asphalt overlays with high-strength tensile elements that help reduce reflective cracking and extend pavement service life. Between 2010 and 2018, GlasPave products were installed on 86 streets, including arterial roads, collector roads, and local highways.

RESULTS

Dana Point's long-term pavement preservation program has delivered measurable improvements across the city's roadway network.

- Installed GlasPave products on 86 streets between 2010 and 2018.
- Reduced asphalt cracking and extended pavement maintenance cycles.
- Improved roadway surface quality and ride quality.
- Improved roadway conditions, contributing to safer travel.
- Helped the city maintain a Pavement Condition Index (PCI) above 80 while earning a "Good" PCI rating in California's Statewide Local Streets and Roads Needs Assessment, significantly outperforming statewide averages.



PROJECT TEAM

Owner

City of Dana Point

Product

GlasPave® 25 and GlasPave® 50

Installation Date

2010 - 2018

Paving Contractor

RJ Noble

Installer

All American

Consultant

GMU Geotech



Let us help you with your next challenge: info@tensarcorp.com | (800) 371-7470 | [tensarcorp.com](https://www.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](https://www.cmc.com) ©CMC 2026