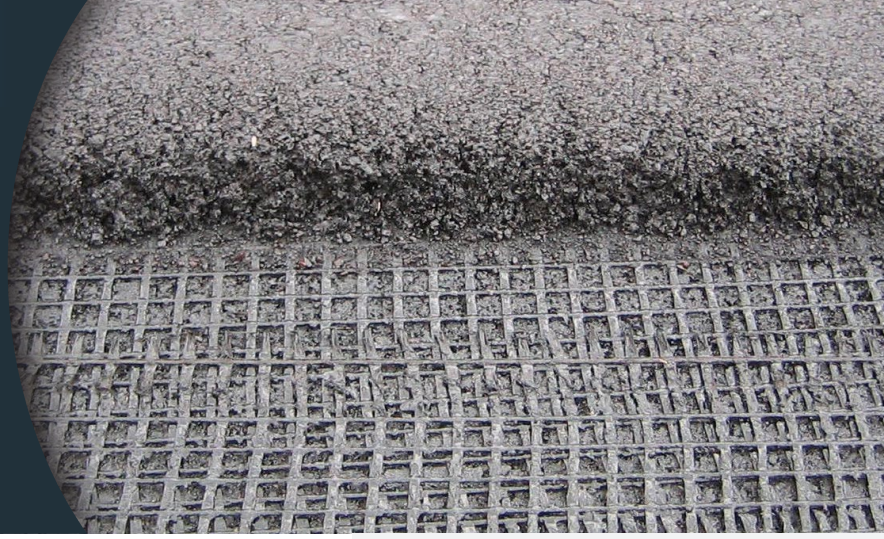


GlasGrid System Proves its Longevity with Over 20 years of Performance



N. Causeway Blvd

Metairie, LA

CHALLENGE

N. Causeway Boulevard provides access to the 28-mile Lake Pontchartrain Causeway, carrying more than 43,000 vehicles each day and serving as a critical hurricane evacuation route. Years of heavy traffic, aging asphalt, and exposure to Louisiana's climate had left the pavement with extensive transverse and longitudinal cracking.

While full-depth reconstruction would have restored the roadway, it would also have required lengthy lane closures on one of the region's busiest corridors—making it an impractical solution.

SOLUTION

Tensar's GlasGrid® Pavement Reinforcement System was incorporated into a modified mill-and-overlay rehabilitation strategy, providing a cost-effective alternative to full-depth reconstruction.

Approximately three inches of deteriorated pavement were milled and replaced with a new leveling course and asphalt overlay reinforced with GlasGrid. Installed immediately ahead of the paving operation, the system allowed construction to progress one lane at a time while minimizing disruption to traffic.

RESULTS

Twenty years later, the results continue to prove the long-term performance of the GlasGrid® System:

- Main travel lanes remain essentially crack free after more than two decades of service.
- Successfully withstood major weather events, including Hurricane Katrina.
- Construction was completed while maintaining one-lane traffic, minimizing disruption to motorists.
- Adjacent roadway sections rehabilitated without GlasGrid have experienced significant cracking and now require additional rehabilitation.
- A 2019 site inspection confirmed only minimal cracking within the GlasGrid-reinforced section.



PROJECT TEAM

Owner/Developer

Greater New Orleans Expressway Commission and Jefferson Parish

General Contractor

Angelo Lafrate Construction, LLC

Design Engineer

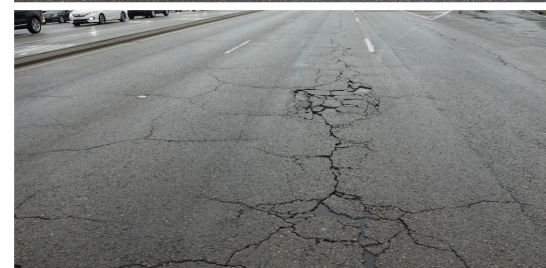
Krebs, LaSalle, LeMieux Consultants, Inc.

Distributor/Installer

Industrial Fabrics, Inc.

Installation Date

August 2002



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