

POUND FOR POUND, STRONGER THAN STEEL

The Project

This project is located on LA 1 from New Roads south to Oscar, Louisiana. Extreme thermal conditions and traffic loading have contributed to cracking. The installation of GlasGrid® 8511 will prolong the life of this roadway by 2-3 times its design life, per Dr. Robert L. Lytton, Texas A&M Research.



Roadtec SB 2500 Shuttle Buggy



GENERAL

Project Title:	Oscar to New Roads
Client:	LADOT SP # 052-01-0018
Contractor:	F.G. Sullivan Jr. Contractor, LLC Baton Rouge, Louisiana
Location:	Oscar to New Roads Point Coupee, Louisiana
Product Used:	GLASGRID® 8511 Full Lane Width
Quantity:	82,661 sy
Installed by:	Industrial Fabrics, Inc.
Installation Date:	August 15, 2006

PROJECT DETAILS

Pavement Type	Composite Pavement
Design Type:	Cold Plane & A/C Overlay
Traffic:	Heavy - 12,800 ADT
Existing Surface:	Transverse Cracks
Design:	Mill 1", Construct 1.5" Level up & 1.5" Overlay
Mix Type:	Superpave
Crack Sealing:	None
Tack Coat:	None Specified
Paving Rate:	30' Per Minute

DESIGN CONSIDERATIONS

Slab Lengths	Composite Pavement, with Curb & Gutter
Crack Widths	<1"
Faulting (Y/N)	N, None apparent

INSTALLATION

Duration:	7 Days
Weather:	Clear/Partly Cloudy
Temperature:	90° F
Paver Type:	Rubber Track
AC Compaction:	Steel Wheel
Adhesion Test:	>30 lbs.

About GlasGrid®

GlasGrid® was developed to address the problem of pavement cracking on highways, roads and runways, driven by a need to reduce costs for infrastructure maintenance and repair.

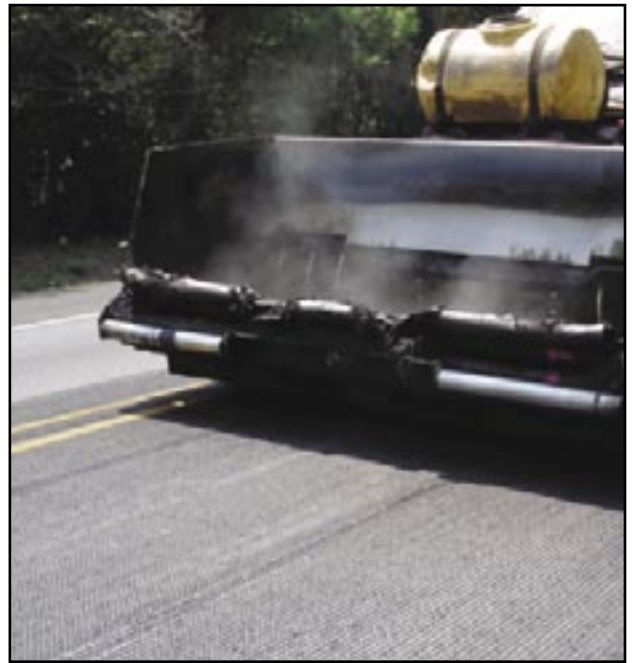
Typically, pavement cracking is caused by traffic loading, age hardening and temperature cycling. GlasGrid® Pavement Reinforcement Grid helps arrest this cycle of deterioration. It's hidden strength in the road, reducing reflective cracking by 2-3 times its design life, per Dr. Robert L. Lytton, Texas A&M Research.



GlasGrid® arrives in 5ft (60 inches) wide rolls so it stays dry.



Asphalt is applied just moments after the GlasGrid® is laid in place with Caterpillar AP-1055B.



GlasGrid® remains flat and wrinkle-free during paving. Use of a tack coat should be dictated by project conditions, application and/or specifications.

	1.5"	Asphalt Overlay Superpave Mix
GLASGRID		GLASGRID® 8511
	1.5"	Asphalt Level Up on Milled Service
		Remaining Asphalt Layer/s
		Jointed Concrete Pavement



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