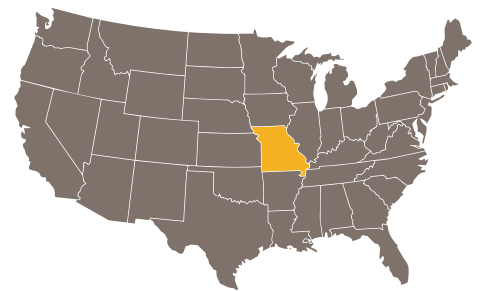




Case Study / #119 / J6S3244 Route I-44 Franklin County / Stanton, MO

SOLUTION:

For this project, MODOT needed a solution to enhance the pavement performance for the I-44 North and South Outer Service Roads due to the increased truck traffic of a new distribution center recently constructed in the area. However, increasing the thickness of the existing pavement was not an option due to profile constraints. FORTA-FI® Asphalt Reinforcement Fiber was selected as the best solution due to its increase in structural capacity to help mitigate rutting and fatigue cracking within the existing pavement structure.



PROJECT NAME:

J6S3244 Route I-44 Franklin County

LOCATION:

Stanton, MO

DATE:

June 2018

PRODUCT:

FORTA-FI® 9,280 lb.

OWNER/DEVELOPER:

Missouri Dept. of Transportation

CIVIL ENGINEER:

Volkert

ASPHALT PRODUCER:

N.B. West

PAVEMENT DESIGN DETAILS:

Mill and Overlay.

FEATURES

- / High Tensile Strength; 5x Stronger than Steel
- / Complete and Uniform Distribution
- / Feeds Easily into Batch or Drum Plants

BENEFITS

- / Reduced Initial Project Cost; Optimized Pavement Thicknesses
- / Extended Pavement Life
- / Cracking and Rutting Resistance
- / Reflective Crack Mitigation

Learn more about FORTA-FI® and other cost-effective pavement reinforcement systems at [PacificGeoSource.com](https://www.pacificgeosource.com)



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[PacificGeoSource.com](https://www.pacificgeosource.com)

Road-Tested Pavement Solutions /



Pacific GeoSource Will Save You Money /

We significantly reduce the up-front and life-cycle costs for road, highway, and parking lot projects by optimizing layer thicknesses and implementing reinforcement technologies to extend pavement life and lower long-term maintenance costs.



Pacific GeoSource Will Make It Easy /

Clients turn to us not just for industry-leading, easily specified and constructed pavement reinforcement systems but also for trusted advice. From design through installation and follow-up, we put our construction and engineering expertise to work ensuring your project flows seamlessly and exceeds your highest expectations.



Pacific GeoSource Will Save You Time /

We offer pavement reinforcement systems designed to accelerate your construction projects timeline, and our in-house engineering services deliver custom solutions to your design team quickly.



Pacific GeoSource Is Your Trusted Partner /

Our long track record of success providing value-engineered solutions uniquely positions us to advise our clients on ways to save money and address challenges. Our organization-wide commitment to service at each step of the process is unparalleled.

Value Oriented /

Pacific GeoSource is the source for pavement system solutions. We offer well-proven asphalt and aggregate reinforcement products and a value-engineering approach to projects and clients of all sizes. Our turnkey project delivery model and breadth of experience create cost-effective, high-performance pavements. We know what works in each market and in all climates because we work in the trenches with roadway agencies, housing developers, private companies, engineering firms, and other stakeholders. We are committed to saving you money, completing projects on time, and exceeding expectations.

Where Pacific GeoSource Products and Services are Used /

- Interstates and high-volume roads
- Warehouses, distribution centers, and trucking facilities
- City, County, and State Roads
- Commercial parking lots
- Haul roads and working platforms
- Ports and intermodal yards
- Private residential streets
- Schools and religious facilities



FORTA-FI®
Stronger Asphalt



Surface-EXT™
More Durable Surfaces



RockGrid™
Aggregate Reinforcement



RoadGrid™
Reflective Cracking Control



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