



PAVEMENT CONDITION 2016

Case Study / Mesa, AZ

SOLUTION:

When it was time to repair the drive aisles at the Boeing Facility in Mesa, AZ, 3" of FORTA-FI® reinforced asphalt concrete (FRAC) was used rather than the facility's standard 4" unreinforced thickness. PMIS recommended the thinner FRAC sections taking into account the enhanced fatigue life and resistance to thermal cracking provided by FORTA-FI.

The performance of the drive aisles was reviewed in February 2016. Aside from a seal coat application, no maintenance has been performed on the pavement, and no pavement distress (including thermal cracking) is present. Mike Mancuso, Facilities Project Administrator for Boeing attributes the near-perfect pavement condition to the Fortafied™ asphalt used in the 2009 repair.

VALUE:

Reduced Initial Project Cost
Optimized Pavement Thickness

FEATURES



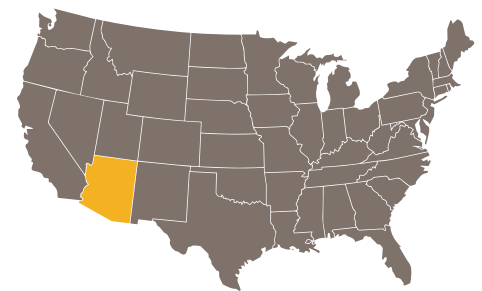
- / High Tensile Strength Aramid & Polyolefin; 5x Stronger than Steel
- / Complete and Uniform Dispersion
- / Feeds Easily into Batch or Drum Plants

BENEFITS



- / Thermal Crack Mitigation
- / Enhanced Structural Strength
- / Cracking and Rutting Resistance

Learn more about FORTA-FI® and other cost-effective pavement reinforcement systems at PacificGeoSource.com



PROJECT NAME:

Boeing Facility - Drive Aisle Repairs

PAVEMENT SOLUTION DETAILS:

3" FRAC Remove + Repalce

LOCATION:

Mesa, AZ

DATE:

October 2009

PRODUCT:

FORTA-FI® 2,900 lb.

OWNER:

Boeing Corporation

CIVIL ENGINEER:

Pavement Management Information Systems (PMIS)

CONTRACTOR:

Cactus Asphalt



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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 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 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 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 offers 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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