



Pavement Design Services



Pavement performance is contingent on effective pavement design that addresses the subgrade soil properties, projected traffic loadings, construction materials, and climatic conditions. Fugro's engineering professionals have designed pavements in every climatic zone for many types of projects including roadways, ports, airports, intermodal facilities, and parking lots.

Fugro's renowned professionals are capable of producing flexible and rigid pavement designs that provide economical solutions to meet performance requirements. Clients benefit from the experience of our staff, who have managed large and small projects around the world for public and private entities. We offer a wide range of pavement design services including:

- Superpave asphalt mix design and analysis
- Mechanistic-empirical design
- AASHTO design procedures
- Rehabilitation strategies
- Life cycle cost analysis

With decades of pavement design experience, we provide our clients with the ability to optimize limited budgets while meeting performance criteria and expectations. No pavement design is complete without recommendations regarding maintenance and rehabilitation. With the ability to predict pavement performance, our capabilities include proposing efficient and cost-effective maintenance and rehabilitation measures. In doing so, we are

able to develop perpetual pavement designs and preservation programs to maximize roadway performance.

Fugro also offers a full set of field data collection services, including geotechnical investigation and pavement evaluation. These techniques utilize effective and reliable testing procedures to support our pavement design services.

MEPDG Calibration and Modeling

Fugro can provide calibration of AASHTOware Pavement ME software for local conditions in distress prediction models. We also use this software as a comparative tool in our routine pavement designs.



Pavement design strategy for large-scale intermodal facility

Fugro Roadware, Inc.

Phone: 512.977.1800
roadware@fugro.com