

DESIGN WORKSHOP

Date: March 3, 2026

Cost: \$35/person

Register online at:
www.TensarCorp.com/miami26

Purpose & Background:

Whether we are constructing private development or part of the network of public infrastructure, resiliency, sustainability, & longevity are considerations when selecting design methods for those civil engineering applications, including paved and unpaved roads, working platforms, & soil stabilization. Tensar has invested significant resources into research to determine how constructing these structures can provide enhanced performance utilizing a mechanically stabilized layer (MSL). This workshop is intended to provide decision-makers in civil design and construction the tools to address structural performance enhancements, initial & life-cycle cost benefits, & reduced construction timelines.

Topics Include:

- Unique characteristics of Tensar geogrids, & how they enhance & interact with aggregates to create a Mechanically Stabilized Layer that has strength, stiffness & ductility. These characteristics contribute to improved material performance.
- Full-scale research & validation of design methods, including third party review & support of design methods & their predicted outcomes.
- Use of Tensar+ software for design & specification of paved & unpaved roads, working platforms & soil stabilization.

Learning Outcomes:

Confidence & ability to design paved and unpaved roads, working platforms, soil stabilization, & other structures utilizing Tensar+ software with the knowledge that it will address all design criteria pertinent to the project while gaining performance enhancements, initial & life-cycle cost benefits, reduced construction times, & other construction activity benefits, all while addressing resiliency & sustainability.

Registration:

Seating is limited to approximately 30, & registrations will be taken in the order received. Coffee, beverages, & lunch are provided. Dietary restrictions can be accommodated with advance notice.

Please bring an electronic device able to connect to the internet with you to access Tensar+. Upon receiving your registration, you can expect to receive an email confirmation which will include additional details on how to access the design software. Attendees will receive 7 PDH credits.

Cost: \$35/person

Location:

Four Points Miami Airport West
3570 NW 74th Ave.
Miami, FL 33122
(305) 351-5730

Speakers



George Charalambous, P.E.
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David Fuqua, P.E.
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Jim Sanneman
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Miami, FL | March 3, 2026

Morning Schedule:

- 8:30 am: CHECK-IN
- 9:00 am: Welcome & Introductions
- 9:20 am: Workshop Objectives
- 9:35 am: Intro to Geosynthetics
- 9:55 am: Tensar - A Brief History
- 10:15 am: Geogrid Improvement Mechanisms
- 10:45 am: BREAK
- 11:00 am: Design of Unpaved Roads
- 11:30 am: Tensar+ Introduction
- 11:40 am: Subgrade Stabilization Design Challenge
- 11:55 am: Proof Roll Design Challenge
- 12:10 pm: Design of Working Platforms
- 12:40 pm: Working Platform Design Challenges

Afternoon Schedule:

- 12:50 pm: LUNCH
- 1:20 pm: Geogrid Performance Comparisons
- 1:35 pm: Pavement Design Methods
- 2:05 pm: Intro to Pavement Optimization with
Tensar+
- 2:15 pm: Flexible Pavement Design Challenge
- 2:45 pm: BREAK
- 3:00 pm: Product Submittals/Specification
Strategies
- 3:30 pm: Case Studies/Project Profiles
- 3:50 pm: Closing Comments
- 4:00 pm: NETWORKING RECEPTION

Attendees will receive 7 PDH credits.