



DESIGN WORKSHOP



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 40, & 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 6 PDH credits.**

Cost: \$35/person

Location:

Courtyard by Marriott Halifax Dartmouth
35 Shubie Dr.
Dartmouth, NS B3B 0N4
(902) 406-3000

Speakers



Paul Hewgill
paul.hewgill@cmc.com



Jaye Elsey, P.E.
jaye.elsey@cmc.com



Matt Tudor
matthew.tudor@cmc.com



Randy Nason
randolph.nason@whitecap.com

Date: February 26th, 2026

Cost: \$35/person

Register online at:
www.TensarCorp.com/Halifax

Halifax, NS | February 26th, 2026

Morning Schedule:

8:30 am: CHECK-IN

9:00 am: Welcome & Objectives

9:20 am: White Cap Intro

9:30 am: Tensar - A Brief History

9:35 am: Geogrid Improvement Mechanisms

9:50 am: Tensar+ Intro

10:00 am: BREAK

10:15 am: Design of Unpaved Roads

10:35 am: Subgrade Stabilization Case Study

10:45 am: Subgrade Stabilization Design Challenge

11:10 am: Proof Roll Design Demo

11:30 am: Alternate Products Design Challenge

11:45 am: Working Platform Design Demo

Afternoon Schedule:

12:00 pm: LUNCH

12:30 pm: Geogrid Performance Comparisons

12:50 pm: Pavement Design Methods

1:00 pm: Asphalt Pavement Case Study

1:10 pm: Asphalt Pavement Design Challenge

1:40 pm: BREAK

1:50 pm: Heavy Haul Road Stabilization

2:10 pm: Heavy Haul Road Case Study

2:25 pm: Specifications

2:45 pm: Closing Comments/Discussion

3:00 pm: NETWORKING RECEPTION

Attendees will receive 6 PDH credits.