

# DESIGN WORKSHOP

**Date:** February 26<sup>th</sup>, 2026

**Cost:** \$35/person

Register online at:  
[www.TensarCorp.com/Halifax](http://www.TensarCorp.com/Halifax)

## 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](mailto:paul.hewgill@cmc.com)



**Jaye Elsey, P.E.**  
[jaye.elsey@cmc.com](mailto:jaye.elsey@cmc.com)



**Matt Tudor**  
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**Randy Nason**  
[randolph.nason@whitecap.com](mailto:randolph.nason@whitecap.com)

## Halifax, NS | February 26<sup>th</sup>, 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.*