



# The 33rd Annual

# CONSTRUCTION INDUSTRY CONFERENCE

New York's **LARGEST**  
**Construction Industry**  
**Conference and Tech Expo**

**December 10-12, 2019**

**Saratoga Hilton & Saratoga City Center**  
**Saratoga Springs, N.Y.**

**Support the AGC NYS Toys for Tots  
Campaign and bring a toy to donate.**



# THE 33RD ANNUAL AGC NYS

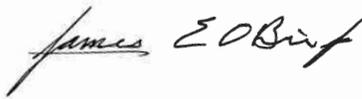
## INDUSTRY CONFERENCE

Welcome from AGC NYS'  
Chairman Jim O'Brien Jr.  
and  
President & CEO Mike Elmendorf

On behalf of AGC NYS, welcome to the 2019 Construction Industry Conference in Saratoga Springs. For the 33rd year, we have assembled government agencies and industry professionals to discuss topics, trends and legislation that impact the construction industry.

Our training programs and workshops are informational and educational, helping you build your business with an eye on the future. Download the "AGC NYS" App on your iOS or Android device, and check our schedule of events to help make the most of your experience at the Construction Industry Conference.

Thank you again for attending and enjoy your time with AGC NYS.



Jim O'Brien Jr.  
Chairman, AGC NYS



Mike Elmendorf  
President & CEO, AGC NYS

Please visit [agcnys.org/programs/agc-nys-industry-conference](http://agcnys.org/programs/agc-nys-industry-conference) to reserve your room at the Saratoga Hilton **TODAY**.

**Email Address:** Please include an email address for EACH attendee. We will conduct a post-conference survey directed to each attendee.

**Updates and room changes will be noted in our App. Please be sure to download by scanning the QR code below for your device.**

**PDH Credits:** Several workshops have applied for PDH credits. An updated list of qualified workshops will be posted at the conference. You must attend the full workshop, sign in and sign out to receive the credit.



**iOS QR Code**



**Android**



### CONFERENCE SCHEDULE

**TUESDAY, DECEMBER 10**  
Training Programs & Workshops Begin

**WEDNESDAY, DECEMBER 11**  
General Session Opens  
8:30 a.m.

Welcome Address  
8:30 a.m.  
Saratoga 1-3

Safety Excellence Awards  
8:45 a.m.  
Saratoga 1-3

Workers Comp. 550 Check Presentation  
8:45 a.m.  
Saratoga 1-3

Excellence in Partnering Awards  
8:45 a.m.  
Saratoga 1-3

Opening Keynote  
9:15 a.m.  
Saratoga 1-3

Tradeshow & Workshops Begin  
10:30 a.m.

Lunch  
11:45 a.m.  
City Center

**THURSDAY, DECEMBER 12**  
Breakfast  
7:00 - 8:30 a.m.  
City Center

Keynote  
8:30 a.m.  
Saratoga 1-2

Workshops Begin  
9:45 a.m.

## Raffle Entry & Happy Hour

Attendees will have the opportunity to visit with booths at the Trade Show **AND** become eligible to win prizes, just for attending! Each attendee will receive a vendor visit entry card and one raffle ticket upon registration. The raffle ticket can be submitted for the general raffle, with a winner chosen every 15 minutes. You can increase your chances of winning the general raffle by bringing a toy for Toys for Tots! For each item given you will earn one extra raffle ticket.

To win the booth visit grand prize, registrants must collect 15 booth visits, submit their card following the exhibition and the winner will be selected from the entrants at the Construction Industry Conference Happy Hour, taking place from 5:30 p.m. - 6:30 p.m. Registrants **MUST BE PRESENT** to claim their prize for the vendor visit and the general raffle.

New to the AGC NYS Construction Industry Conference this year, all attendees will also receive one drink ticket to participate in the Trade Show Happy Hour from 5:30 p.m. - 6:30 p.m., after a day of educational sessions to network within the industry. CLC Members and Future Construction Leaders must pick up their wristbands for the CLC Happy Hour at the Trade Show by the Rebuild NY Now booth.

## SPONSORSHIP

See your company name in front of nearly 1,000 AGC NYS Industry Conference attendees, become a **sponsor!**

### Keynote Sponsor

\$2500

Your company featured on the podium for the conference's keynote speakers.  
Only two available!

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### Wifi Sponsor

**C&S COMPANIES**

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### Meal Sponsor

**MILWAUKEE TOOL**

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### Trade Show Happy Hour Sponsor

**ADMAR SUPPLY**

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### Coffee & Water Sponsor

**HIGH STEEL STRUCTURES, LLC**  
**OGGI CONCRETE FORMS & ACCESSORIES, INC.**  
**NORTHWESTERN MUTUAL**

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Interested? Email Bryanna at [bryanna@agcnys.org](mailto:bryanna@agcnys.org).

# GUEST KEYNOTE SPEAKERS

## Opening Keynote Karl Mecklenburg

Karl Mecklenburg rose from a college walk-on and twelfth round draft choice to an NFL career that included three Super Bowl and six Pro Bowl appearances. This former Bronco's captain spent his entire twelve year career in Denver and makes Colorado his home now. Mecklenburg was arguably the most versatile player in the NFL playing all seven defensive front positions often in the course of a single game. Karl was selected as the AFC Linebacker of the Year, AFC player of the Year, and since retiring from the NFL has been enshrined in the Denver Broncos Ring of Fame and the Colorado Sports Hall of Fame. Mecklenburg has been a Pro Football Hall of Fame Semifinalist each of the last eight years.

Mecklenburg is the only NFL legend to have earned the Certified Speaking Professional designation from the National Speakers Association. As an author and speaker Mecklenburg's stories of teamwork and leadership are humorous and inspiring. He approaches his speaking career with the same intelligence, passion, and intensity that punctuated his great football career.

## Keynote Reg Harnish

Reg Harnish is a serial entrepreneur, nationally-recognized speaker, author and a founder and Board Director of GreyCastle Security, the cybersecurity industry's leading provider of risk, compliance, certification and privacy services. Reg has been practicing cybersecurity for nearly two decades. His experiences, skills and perspectives have established him as a highly-respected thought-leader. He has led cybersecurity efforts for numerous organizations, including the Center for Internet Security, Autotask (acquired by Datto) and SynQuest (acquired by Viewlocity).

Reg is regularly featured in Time Magazine, Forbes, The Washington Post, CBS Nightly News, CIO Magazine, Dark Reading, Software Magazine, ComputerWorld, InfoWorld and countless other media outlets.

Wednesday, December 11  
9:15 a.m.  
Saratoga 1-3



Thursday, December 12  
8:30 a.m.  
Saratoga 1-2



## Construction Expo - Wednesday, December 11 11:00 a.m. - 7:00 p.m.

To register for your booth, visit [agcnys.org/programs/agc-nys-industry-conference](http://agcnys.org/programs/agc-nys-industry-conference)  
**BOOTH FREE IS \$795 FOR MEMBERS AND \$995 FOR NON-MEMBERS.**  
**MUST BE CONFERENCE REGISTRANT TO ATTEND.**



# ACI CONCRETE FLATWORK TECHNICIAN/FINISHER

## PRE-REGISTRATION & SEPARATE FEES REQUIRED

**ACI Concrete Flatwork Technician / Finisher Certification**  
**Fee: \$350 - Lunch Included**

**Tuesday, December 10**  
**9:00 a.m. - 5:00 p.m.**  
**Travers**

Public and private owners now regularly require contractors to provide an ACI certified concrete flatwork technician and/or finisher for flatwork on their projects. Don't lose work due to non-conformance!

### **Certification Requirements:**

- ACI Flatwork Technician certification will be granted to those examinees who obtain a passing grade (70% or higher) on the written exam.
- ACI Flatwork Finisher certification will be granted to those who obtain a passing grade on the written exam and **EITHER**
  - a) possess one year (1500 hours) of approved work experience and successfully complete the ACI performance exam, **OR**
  - b) possess three years (4500 hours) of approved work experience and successfully complete the Alternative Performance Affidavit (Form D16).
- Re-certify every five years by passing the written exam.

**YOU MUST PRE-REGISTER BEFORE **WEDNESDAY, NOVEMBER 13** IN ORDER TO RECEIVE COURSE MATERIALS AND TO SUBMIT YOUR EXPERIENCE DOCUMENTATION IN ADVANCE. (see below)**

**Fees: Training Course - \$350 (Includes work book, lunch and written exam.)**  
**Performance Exam (if needed, will be offered separate from this course and written exam)**

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### **ACI Concrete Flatwork Technician/Finisher Certification**

Course fee \$350

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Credit Card billing Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Signature \_\_\_\_\_ Total Charge Amount \$ \_\_\_\_\_

Email address for receipt: \_\_\_\_\_

**Please send completed form to [bryanna@agcnys.org](mailto:bryanna@agcnys.org)**  
**or fax to (518) 456-1198**

# ACI-CRSI ADHESIVE ANCHOR INSTALLATION

## PRE-REGISTRATION & SEPARATE FEES REQUIRED

**ACI-CRSI Adhesive Anchor Installation Certification & Practical Exam**

**Fee: \$550 per person**

**Tuesday, December 10**

**9:00 a.m. - Noon, 1:00 p.m. - 5:00 p.m.**

**OFFSITE - Location TBA**

Concrete anchoring is critical to the safety and integrity of the constructed work. Certification is currently required in many contract documents, including NYSDOT and Thruway. Don't lose work. Be certified.

This course provides education on the key elements of reliable anchoring and allows you to demonstrate your ability to read, comprehend, and execute instructions to properly install adhesive anchors in concrete.

The areas of adhesive anchor installation covered include:

- **Understanding jobsite conditions relevant for correct selection of installation procedures**
- **Proper selection and assembly of the injection equipment**
- **Awareness of the impact of storage conditions**
- **Proper technique and equipment to minimize air voids at various orientations and depths**
- **Recognition of time limits for installation and positioning of anchor element (i.e., gel time)**
- **Installation of the anchor element in accordance with manufacturer's instructions**

**ACI-CRSI certification requires applicants to pass both a written examination and performance examinations. Recertification is necessary every five years, and requires successful completion of both the written and performance examinations.**

**Fee: \$550 per person (includes workbook, DVD, lunch, materials and testing)**

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### **ACI-CRSI Adhesive Anchor Installation Certification**

Course fee \$550 per person **REGISTER BY NOVEMBER 13**

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Credit Card billing Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Signature \_\_\_\_\_ Total Charge Amount \$ \_\_\_\_\_

Email address for receipt: \_\_\_\_\_

**Please send completed form to [bryanna@agcnys.org](mailto:bryanna@agcnys.org)  
or fax to (518) 456-1198**

# WORK ZONE TRAFFIC CONTROL SUPERVISOR FLAGGER TRAINING

## PRE-REGISTRATION & SEPARATE FEES REQUIRED

Work Zone Traffic Control Supervisor/Competent Person  
Flagger Training  
Fee: \$25 each, \$50 for both; or included in full Conference Registration

Tuesday, December 10  
9:00 a.m. - 5:00 p.m.  
Alabama

Contractors on NYSDOT and Thruway projects must have staff with this training per Section 619 - Work Zone Traffic Control. Learn the practices necessary to assure compliant and safe work zones.

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### Work Zone Traffic Control Supervisor/Flagger Training

Course fee \$25 each or \$50 for both **(IF YOU ARE A REGISTERED CONFERENCE ATTENDEE, THIS COURSE IS FREE.)**

Contact Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

#### Flagger Training (\$25)

December 10 from 9:00 a.m. - 12:00 p.m.

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#### Work Zone Traffic Control Supervisor/Competent Person (\$25)

December 10 from 1:00 - 5:00 p.m.

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2. \_\_\_\_\_
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Company Name: \_\_\_\_\_

Card Holder Name: \_\_\_\_\_

Card Number: \_\_\_\_\_ Exp. Date \_\_\_\_\_ Sec. Code \_\_\_\_\_

Credit Card billing Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Signature \_\_\_\_\_ Total Charge Amount \$ \_\_\_\_\_

Email address for receipt: \_\_\_\_\_

Please send completed form to [bryanna@agcnys.org](mailto:bryanna@agcnys.org)  
or fax to (518) 456-1198

# NYSDEC ENDORSED 4-HOUR E & SC TRAINING

## PRE-REGISTRATION & SEPARATE FEES REQUIRED

NYSDEC Endorsed 4-Hour Erosion & Sediment Control (E & SC) Training

Fee: \$90

Tuesday, December 10

1:00 p.m. - 5:00 p.m.

Saratoga 3

NYSDEC's SPDES General Permit for Stormwater Discharges from Construction Activity requires a contractor to identify the trained individual responsible for SWPPP implementation on permitted projects, and for project operators, including NYSDOT, to have sites inspected by qualified inspectors. Trained individuals and qualified inspectors ***need four hours of NYSDEC-endorsed training every three years.*** This seminar provides the four hours of training in proper erosion and sediment control principles and an overview of the SPDES permit requirements. Course participants will receive certificates of completion to use to verify training.

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### NYSDEC Endorsed 4-Hour Erosion & Sediment Control (E & SC) Training

Course fee \$90

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Credit Card billing Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Signature \_\_\_\_\_ Total Charge Amount \$ \_\_\_\_\_

Email address for receipt: \_\_\_\_\_

Please send completed form to [bryanna@agcnys.org](mailto:bryanna@agcnys.org)  
or fax to (518) 456-1198

# **RESPONDING TO OPIOID OVERDOSE - STATE TARGETED RESPONSE**

**FREE EVENT**

**Responding to Opioid Overdose - State Targeted Response**

**THIS IS A FREE EVENT**

**Tuesday, December 10**

**12:30 p.m. - 2:00 p.m.**

**Broadway 3 & 4**

**Training Description:**

Naloxone has been fundamental in the efforts to decrease rates of fatal overdoses. This training teaches first responders, likely opioid overdose witnesses and community members to understand, recognize, respond to and reverse suspected opioid overdoses using naloxone. Participants will learn ways to obtain free or low-cost naloxone for personal use. This training is modeled after the evidence-based SAMHSA Opioid Overdose Prevention Toolkit.

**Training objectives include:**

- Increase understanding and awareness of fatal overdoses related to opioids and the impact within the community
- Identify risk factors for an overdose
- Recognize a suspected overdose
- Identify the five essential steps for first responders as outlined in the SAMHSA Opioid Overdose Prevention Toolkit in the event of an overdose
- Correctly use naloxone to save lives
- Understand how to access the Naloxone Co-payment Assistance Program (NCAP) to obtain free or low-cost naloxone.

**Why Attend:**

- Become part of the solution to solving the opioid issue in the community
- Learn how to save a life during an overdose situation
- Receive education on crucial information related to opioids and the surrounding community

**Responding to Opioid Overdose - State Targeted Response**

**Free**

Name	Company
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**Please send completed form to [bryanna@agcnys.org](mailto:bryanna@agcnys.org)  
or fax to (518) 456-1198**

## GENERAL SESSION BEGINS AT 8:30 A.M., SEE PAGE 2

# WORKSHOPS

WEDNESDAY 10:30 a.m.

### Design-Build 48-Hour Replacement of LIRR's Post Avenue Bridge Using SPMT's Feature Project

Saratoga 3

1 PDH

The LIRR ridge was in need of structural repair and replacement not only due to advanced deterioration, and insufficient vertical clearance to the local arterial below resulting in numerous truck strikes. The existing 63-foot long 104- year old bridge carried 2 tracks supported by steel thru plate girders with a concrete deck, supported on reinforced concrete abutments. To minimize impact to the LIRR Commuters and Community, the existing superstructure must be replaced during one 48-hour period. With months of preparations, the project used an SPMT to pick up the old bridge and "drive it" down the road, then pick up the new bridge and place it in position. The new bridge had been designed to service a future third track, as well as meet the vertical clearance of 14'- 0" as required by the NYSDOT. This presentation will address the technical, quality and planning challenges of replacing this high-volume LIRR railroad bridge in one weekend.

### What Would You Do? – Ethical Choices

Broadway 1 & 2

1 Ethics PDH

When faced with an ethical dilemma, knowing what to do is not always easy or straightforward. This interactive session will review some typical ethical problems for engineers and highway officials. For each scenario, an interactive response will be used to acquire and review the audience's responses when asked "What would you do?"

### MESE Retaining Walls – Identifying Proper Practices

Broadway 3 & 4

1 PDH Pending

Recurrent problems with the construction and performance of Mechanically Stabilized Earth Structures (MSES) is an ongoing concern for the Department. Difficulties on recent Region 9 projects will be presented, followed by discussion of the inappropriate construction methods that led to poor performance. Attendees will learn that not all MSES problems have to be dramatic to be costly. They will learn that contractors choose MSES wall types from a variety of Fill Type Retaining Walls because of its low initial cost. However, if not constructed properly, the walls can become maintenance headaches and will not achieve the projected design life. Attendees will learn what methods they can encourage to ensure that a quality wall is built.

### Trucking Industry Updates

High Rock

Join the Trucking Association of New York in discussing updated laws, regulations and the future of trucking in NYS.

### Insurance Issues and Workforce WC Management

Travers & Alabama

This presentation will educate Contractors and Subcontractors on the proper documentation required to meet the insurance coverage requirements that they expect from others and their own coverage, when it comes to General Liability, Auto Liability and WC. In addition, we will look at the processes that can be utilized to control WC costs.

# WORKSHOPS

WEDNESDAY 12:45 p.m.

### The Last Mile: I-95 Feature Project

Saratoga 1

1 PDH Pending

The NYS Thruway I-95 "Last Mile" contract is a Design-Bid-Build-Best Value project in one the highest Interstate traffic corridors. The project includes the replacement of the Grace Church Street bridge and Ramp B bridge over the New England Thruway, re-alignment and full depth reconstruction of six lanes and shoulders of I-95, rehabilitation of four additional bridges including I-95 over the Byram River at the Connecticut state line, complex utility relocations, installation of noise and visual barriers, major rock blasting operations, and safety upgrades. This presentation will review some of the daily challenges of keeping this \$139M project moving while maintaining traffic flow.

### Rails to Trails Design, Construction, and Environmental Coordination featuring The Ashokan Rail Trail

Saratoga 2

1 PDH

Join us as we discuss designing the rail trails, more specifically The Ashokan Rail Trail which was constructed on the abandoned D&H Railroad bed along 11.5 miles immediately adjacent to the New York City Water Supply Ashokan Reservoir. This project included the removal of 121,000 feet of train rail and more than 35,000 deteriorated and rotted ties, two bridge replacements including a new 360 feet span to replace the Boiceville Bridge and a 75 feet long pre-fabricated trestle, and a 500 foot long boardwalk. Come discuss the designs, challenges and successes of this project.

### SR-1 Little Heaven Case Study: Ultra High Performance Concrete Overlays for Bridges

Saratoga 3

Feature Project

1 PDH Pending

Ultra-High Performance Concrete has been studied and used worldwide for over 30 years. Yet, in the United States, use of UHPC has been primarily limited to closure pours for precast concrete bridge elements. Learn why UHPC was chosen for SR-1 Little Heaven bridges, and explore the methods used to complete this overlay in less than two weeks.

# **WORKSHOPS**

**WEDNESDAY 12:45 p.m.**

## **Design Build Best Practices**

**2 PDH Pending**

As the Design Build process in New York State continues to evolve, best practices, communication and risk management continue to foster innovation. Learn about changes in the Design Build procurement approach, how risk is assessed, shared and balanced, and hear about project specific updates.

**Broadway 1 & 2**

## **Work Zone Violence Prevention & Prosecution**

To make New York State highways safer for its employers, contactors, and the traveling public, NYSDOT has engaged in an agency-wide effort to combat hostile, distracted, and dangerous driving in its work zones. The campaign involves working closely with law enforcement and district attorneys throughout the state to ensure that work zone intrusions—especially those involving willful acts of violence by motorists—are properly reported, investigated, and prosecuted. This presentation will detail NYSDOT's work-zone safety initiatives, highlight best practices, and discuss opportunities for industry engagement and cooperation.

**Broadway 3 & 4**

## **Best Practices in Construction Equipment Management**

For contractors who own and operate construction equipment, keeping it in good running order as cost-effectively as possible is key to company profitability. This session will explain how upper quartile contractors maximize the profitability of their equipment fleets by utilizing best practices and technology.

**Travers & Alabama**

# **WORKSHOPS**

**WEDNESDAY 2:00 p.m.**

## **Soak it in: Design & Construction of Porous Pavements**

**1PDH**

Porous asphalt pavements are being used by many owners to construct asphalt pavements that become part of the stormwater solution, reducing runoff, improving infiltration and saving land. The performance of these pavements depends on proper design, materials, and construction methods and quality control. Join us in this session to gain an understanding from a construction perspective from the foundation system it requires, temperature requirements, rolling procedures and to understand the details of proper construction practices. A few eye-openers, short videos, and specifics you may not have thought about will also be discussed.

**Saratoga 1**

## **Comparison of Aggregate Piers and Rigid Inclusions**

**1 PDH Pending**

Challenging geotechnical conditions and proposed loading at sites may introduce recommendations for typical deep foundations as structural support, e.g. piles or drilled shafts. However, in some conditions, ground improvement when designed and constructed properly (that is, grid spacing, element depth, diameter, etc.), allows traditional, cost-effective spread footing and slab-on-grade foundation support. This approach often reduces overall project schedule and budget when compared to deep foundations with pile caps and structural slab construction. This presentation presents a comparison of aggregate piers and rigid inclusions as state of the practice ground improvement techniques including discussion of design considerations, methods of analysis, construction quality control, installation, load testing and evaluation and a case history from a recent project located in NYC.

**Saratoga 2**

## **Response to Rock Slope Failure on SR 54A Feature Project**

**1 PDH**

Region 6 has experienced a series of slope failures on SR 54A along Keuka lake and faces ongoing slope stability concerns. The presentation will cover the history of the area, contributing factors and regional response to a number of recent failures. Proactive measures being taken to help mitigate the number and severity of future failures will also be presented.

**Saratoga 3**

## **Implementation Issues and Examples of Applying the New**

### **Revenue Recognition Rules with Tax Law Update**

The new Revenue Recognition Standard significantly impacts the way construction companies recognize revenue and may require an overhaul of the processes used to produce the required financial information. This session will provide in-depth insights into the significant changes required by ASC 606, details on implementing the adoption process including potential issues, and real-world examples of implementation.

**Travers & Alabama**

# **WORKSHOPS**

**WEDNESDAY 3:00 p.m.**

## **Greater Rochester International Airport (ROC) Reconstruction**

### **Feature Project**

**1.5 PDH Pending**

A review of the design, architectural and construction efforts at the Airport. The project has won multiple awards for its architectural appeal, innovative accessibility for hearing impaired travelers and pace at which the project was completed. Presenters will focus on the innovative designs, unique challenges and risks presented by the project and the very aggressive construction schedule that was accomplished on time.

**Broadway 3 & 4**

# **WORKSHOPS**

**WEDNESDAY 3:15 p.m.**

## **Benefits of Higher Performing Pavement Markings**

**Saratoga 1**

### **1 PDH**

Have you ever wondered why pavement markings disappear in the rain? How can we advance our current pavement markings to fit our current infrastructure and accommodate our aging driving population with a low-cost safety improvement? In this session, you will learn about the different optic packages that go into pavement markings to advance our infrastructure for driver safety and future vehicles!

## **ADA Compliance: Design & Construction**

**Saratoga 2**

### **1 PDH Pending**

This presentation will focus on the Americans with Disabilities Act requirements as they apply to the pedestrian rights-of-way environment. PROWAG design guidelines for sidewalks, curb ramps, and other pedestrian environment features will be covered. Some of the tools and procedures NYSDOT has developed to assist in designing accessible pedestrian environments will also be shared. All of these design elements contribute to promoting an accessible pedestrian environment, usable by all. This presentation will also feature brief discussion of the Joint Technical Assistance requirements, which require upgrading curb ramps, when necessary, during roadway alteration projects.

## **402 & Cold Weather Concrete Updates – Materials DOT**

**Saratoga 3**

### **1 PDH Pending**

Join the Department for a two part materials session including an overview of the revisions to Section 402, 50 and 60 series, and Joint Density requirements, as well as an overview of the cold weather concreting provisions and related specification requirements and commonly observed issues that occur when proper procedures are not followed.

## **Managing Lifting Operations**

**Broadway 1 & 2**

### **2 PDH Pending**

When cranes arrive on your project site, do you know who is responsible for what? Is a lift plan being created and reviewed by someone knowledgeable about lifting operations before allowing work to begin? This session will review some of the roles involved in lifting operations as well as discuss some of the basics of lift planning.

## **NextGen Workforce Development: Innovative solutions for preserving institutional field knowledge and training the 21st Century workforce**

**Travers & Alabama**

Every year another wave of people retire from our industry. It is no secret that the workforce crisis is something that we are all faced with nationally. In order to deliver on infrastructure spending demands, we must find a way to bridge the gap between decades of field experience and the future of our workforce. In an effort to capture and share best practices or tricks-of-the-trade gleaned from years of experience, there are new tools and technology-based solutions being built every day. Why are these methods of the past important to understand? How are students learning today? Utilizing virtual mentor/protégé platforms is a must and documenting live field scenarios is needed to preserve industry strength and job-readiness. In this session we will explore the value of democratizing industry knowledge and the importance of sparking the interest of the next generation.

# **WORKSHOPS**

**WEDNESDAY 4:30 p.m.**

## **Conflict Resolution**

**Saratoga 1**

Conflict management is an essential skill for all business professionals, as nothing can destroy productivity, derail projects, and damage your reputation faster than workplace conflict. Whether the conflict is passive or very aggressive, it can paralyze your group, department, or the entire organization. This training addresses communication skills for dealing with disagreements. Learn to negotiate reasonable and neutral options for an acceptable outcome for everyone. Identify anger triggers and disengage from those situations while instead focusing on a solution. Managing conflicts quickly through conflict resolution and negotiation skills training prevents disruptions and loss of productivity.

## **Design and Construction of UHPC Link Slabs**

**Saratoga 2**

### **1 PDH**

Retrofitting existing bridges with Ultra-High Performance Concrete link slabs provide a highly durable, minimally intrusive means to eliminate problematic deck joints from non-continuous bridge superstructures. The design of UHPC link slabs, how they affect the bridges global behavior, along with construction details and procedures will be covered.

## **DIESEL EMISSIONS REDUCTION ACT (DERA) - Are you in compliance?**

**Saratoga 3**

Join us to discuss impacts from DERA compliance, set to begin January 1, 2020. DEC and your AGC task group will be providing materials and open to a Q&A at this session.

# WORKSHOPS

**WEDNESDAY 4:30 p.m.**

**Rock Slope Design & Rockfall Mitigation**  
**1 PDH Pending**

**Broadway 3 & 4**

The NYSDOT is responsible for over 3000 rock slopes around the State, and each year rock falls impact the traveling public. This presentation discusses how rock slopes are designed and what strategies can be utilized to minimize the potential for rock falls. Attendees will learn about rock slope design, its history, and the evolution of current design methods. They will be exposed to rock itself and will see how its jointing and geometry come into play in regard to its stability. They will learn about rock blasting, and how it is used to design a safe rock slope, and how rock bolts, catchment fences, and other methods are used to stabilize existing slopes.

**Cashless Tolling Update**  
**1 PDH Pending**

**Travers & Alabama**

Statewide Cashless Tolling Design Build project involves the design and construction of "Cashless Tolling" on the New York State Thruway ticketed system, from approximately NYS Thruway Exit 16 to Exit 61 (Milepost 45.00 to 496.00). The contract was awarded to the design build team of Cashless Tolling Constructors, LCC. This presentation will focus on some of the complexities that went in to developing the RFP, staging requirements that involve maintaining the existing tolling system up until the new cashless tolling system goes live, and logistical requirements involved in mobilizing a contracting team statewide and coordinating work along the 441 mile stretch of highway.

**GENERAL SESSION BEGINS AT 8:30 A.M., SEE PAGE 2**

# WORKSHOPS

**THURSDAY 9:45 a.m.**

**Part 360 Updates with NYSDEC and Restricted use Fill for Acceptable Embankment Material with NYSDOT**  
**2 PDH Pending**

**Saratoga 3**

General discussion of use of recycled restricted use fill material for transportation embankment fill including source testing, transport documentation and quality assurance measures. Updates to Part 360 through enforcement discretion. Session also will provide a venue for contractors, consultants and Department staff to ask questions and/or discuss issues encountered related to case-specific circumstances. Join NYSDOT and NYSDEC on this joint session.

**Model Based Contracting**  
**1 PDH**

**Broadway 1 & 2**

NYSDOT will be piloting its first Model Based Contracting project at the end of 2019. Model Based Contracting utilizes electronic information and models as contract documents instead of traditional 2D paper plans. The pilot project is the bridge replacement of Route 28 over Esopus Creek in Region 8 (PIN 8018.46).

**Railroad Coordination for Highway Projects**  
**1 PDH**

**Broadway 3 & 4**

Presentation will provide an overview of advanced planning and coordinating work involving Class 1 railroads. Right of Entry Permits, Work Plans, Look Ahead Schedules and Railroad Flagging and Protection, and basic safety working around active rail lines are some of the topics that will be discussed.

**Photogrammetry and CADD update**  
**1 PDH Pending**

**Saratoga 3**

The presentation will provide updates on the changing technology being employed in NYSDOT's Design Mapping and Automation Bureau (DMAB). DMAB's Survey Section and Photogrammetry Section work to provide survey, mapping, and support products that meet the needs of a growing customer base. The second half of presentation will go over changes in NYSDOT's statewide CADD environment and the challenges that lie ahead for the future. DMAB's Engineering Technology Unit (ETU) will discuss the pilot project for Model Based Contracting and talk about how NYSDOT is working to minimize the impact of future Model Based Contracts on the contracting community.

**Safe Digging Best Practices for your Excavators**

**Travers**

Become a safety leader and advocate in the excavation industry. The purpose of this session is to give you a high-level overview, or refresh your knowledge, on the most important aspects of NYCRR Part 753, also known as Code Rule 753. We will also add in some best practices as tips that you can take into the field to ensure a more efficient and safer experience. Our educational session can help you and your company boast expertise and steer conversations away from price tags. After this session, you can start discussing approach, solutions, and safety expertise to protect your community, your employees, yourself, and your customers. Show your potential employers and customers that you value their best interest – safety, by attending this session and learning the best practices of safe digging.



# INDUSTRY CONFERENCE REGISTRATION FORM



**Conference fee of \$250 per person\* for reservations received by November 15, 2019.  
Cost after November 15 is \$275 per person.**

*\* Registration includes all meals and conference materials but excludes hotel reservations and any courses that require separate fee(s) as noted in course descriptions.*

Cardholder Name: \_\_\_\_\_

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**LIST OF ATTENDEES: (Please print name and e-mail clearly)**

**Name:**

**E-mail:**

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**Mail, fax or email registration form to:**

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Questions? Please call us at (518) 456-1134

*Refund Policy: No refunds will be given for cancellations received after November 30, 2018 or for "no shows" on the days of the conference.*

<b>Cost per Attendee</b>	1 = \$250	7 = \$1750
	2 = \$500	8 = \$2000
	3 = \$750	9 = \$2250
	4 = \$1000	10 = \$2500
	5 = \$1250	11 = \$2750
	6 = \$1500	12 = \$3000

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