

APC/PENNDOT 2017 FALL SEMINAR

WORKSHOP AGENDAS

HERSHEY LODGE
November 16, 2017



STRUCTURES

Empire ABCD

1:00-2:45pm

Co-Moderators ■ ■ ■ Dominic Girondo, P.E., Vice President/Operations - Nyleve Bridge Corp.
Tom Macioce, P.E., Chief Bridge Engineer - Bridge Design & Technology Division - PennDOT

1:00pm / Welcome & Introductions

1:05pm / Pennsylvania Turnpike Commission Slide In Bridge

Phil Carper, Project Manager, Road-Con, Inc.
Mike Meyers, Superintendent, Road-Con, Inc.
Quintin Rissler, Larson Design

1:35pm / InspirArch Bridge

Timothy Kenerson, E.I., Design Engineer,
AIT Bridge Systems

2:15pm / 2018 AASHTC Specification Update

Francesco M. Russo, Ph.D, P.E., Associate Vice President,
Senior Bridge Engineer, Michael Baker International

LEADERSHIP & PARTNERING

Cocoa Terrace/Cocoa 1

1:00-2:45pm

Co-Moderators ■ ■ ■ Albert D. Hoffman, President - Road-Con, Inc.
Joseph Robinson, P.E., Chief Materials Engineer - PennDOT

1:00pm / Welcome & Introductions

1:05pm / Dispute Avoidance and Resolution for All Industry Stakeholders

James W. Kutz, Esq., McNees, Wallace & Nurick

1:50pm / Partnered Project Showcase

TECHNOLOGY TOOLS

Crystal A

1:00-2:45pm

Co-Moderators ■ ■ ■ Kyle E. Eaton, Vice President – Rylind Construction Company, Inc.
Debbie Reihart, Chief, System Management Section, Bureau of Project Delivery – PennDOT

1:00pm / Welcome & Introductions

1:05pm / Information Technology Innovations at PennDOT

Debbie Reihart, Chief, System Management Section,
Bureau of Project Delivery, PennDOT

1:25pm / PA Turnpike Tech Update

Jeffrey Wilson, Engineer Project Manager,
PA Turnpike Commission

1:45pm / The Internet of Things, the Next Frontier in Drone Technology

Dick Zhang, CEO, Identified Technologies

2:05pm / Connected & Automated Vehicles (CAV): How They Will Change Our Industry

Vijay B. Varadarajan, P.E., ITS Project Manager, AECOM
Glenn C. Rowe, P.E., Chief, Highway Safety and
Traffic Operations, PennDOT

CONTRACT ADMINISTRATION

Magnolia ABCD

1:00-2:45pm

Co-Moderators ■ ■ ■ Geoffrey W. Clarke – Executive Vice President – Swank Associated Company, LLC
Kelly Barber, P.E. – Acting Section Chief – Project Schedules, Specifications & Constructability Section- PennDOT

1:00pm / Welcome & Introductions

1:05pm / E-Construction at the National Level

Kathryn Weisner, P.E., USDOT, FHWA, Office of Technical
Services, Resource Center, Construction and Project
Management Technical Services Team

1:25pm / E-Construction at the State Level

James Foringer, P.E., Assistant District Executive-Construction,
PennDOT District 11-0

1:45pm / E-Construction—A Contractor's Perspective

Kent Wible, Division Manager, McCrossin

2:05pm / Integrating Construction and Design

Thomas F. Kerins, P.E., Director of Construction Support
Services, Urban Engineers, Inc.
Harold Windisch, P.E., Senior Construction Engineer, ACE,
PennDOT District 6-0

ENVIRONMENTAL

Wild Rose AB

1:00-2:45pm

Co-Moderators ■ ■ ■ Fred Thompson, Highway and Bridge Division Manager, Kinsley Construction, Inc.
Mark D. Lombard, Section Chief, Environmental Policy and Development Section – PennDOT

1:00pm / Welcome & Introductions

1:05pm / Hunters Station Mussel Relocation/Mitigation

Autumn Kelley, Environmental Manager, PennDOT District 1-0

1:45pm / The Bog Turtle – Making Routine Construction Projects Complex for the Past 20 Years

Ben Berra, Director of Natural Resource Analysis & Principal Scientist, Skelly & Loy, Inc.
Craig Patterson Nein, Environmental Scientist, Johnson, Mirmiran & Thompson, Inc.

2:25pm / Regulatory Update: Threatened & Endangered Bats, Waters of the United States, PA DEP Functional Assessment of Aquatic Resources, & Mitigation Banking

Paul DeAngelo, Vice President of Environmental Services,
Skelly & Loy, Inc.

1:00-2:45pm
SESSION ONE

3:45-5:30pm

Empire ABCD

STRUCTURES

Co-Moderators ■ ■ ■ Dominic Girondo, P.E., Vice President/Operations - Nyleve Bridge Corp.
Tom Macioce, P.E., Chief Bridge Engineer, Bridge Design & Technology Division - PennDOT

3:45pm / Welcome & Introductions

3:50pm / Lessons Learned Regarding Sheet Pile Structures
Richard Hartman, Ph.D., P.E., Hartman Engineering

4:30pm / Impact Loadings on MSE Structures
Sheif Aziz, P.E., The Reinforced Earth Company

4:50pm / Characteristics of Latex Modified Concrete Applied Under Low Temperature Conditions
Brandon Zerilla, Concrete Group Manager,
Wagman Heavy Civil
Chuck Fifelski, Trinseo

3:45-5:30pm

Cocoa Terrace/Cocoa 1

LEADERSHIP & PARTNERING

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Joseph Robinson, P.E., Chief Materials Engineer - PennDOT

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3:45-5:30pm

Crystal A

TECHNOLOGY TOOLS

Co-Moderators ■ ■ ■ Kyle E. Eaton, Vice President – Rylind Construction Company, Inc.
Debbie Reihart, Section Chief, System Management Section – PennDOT

3:45pm / Welcome & Introductions

3:50pm / I Can See Clearly Now: 3D Printing at PennDOT
Nick Tomasello, 3D Printing Manager, PennDOT
Lee Posey, Highway CADD Manager, PennDOT

4:10pm / 4D Visualizations – More than Just a Pretty Picture
Vico C. Innocenti, P.E., Transportation Group Manager, Fisher Associates
Roseann B. Schmid, P.E., CEO-Elect, Fisher Associates

4:50pm / Pavement Preservation and Maintenance
Don E. Koehler, Vice President & Business Development Manager, UNIQUE Paving Materials

5:10pm / Unmanned Aerial Surveillance (UAS) to Support Design Surveying Requirements
Mike Zoltek, PLS, CFedS, Project Manager, Woolpert

3:45-5:30pm

Magnolia ABCD

PA TURNPIKE

Moderator ■ ■ ■ Michael D. Shaak, P.E., Assistant Chief Engineer-Construction, PA Turnpike Commission

3:45pm / Welcome & Introductions

3:50pm / Accelerated Bridge Construction on the PA Turnpike
Wally Wimer, P.E., Engineer Project Manager,
PA Turnpike Commission

4:10pm / Emergency Repair to the Delaware River Bridge
Brad L. Updegrave, P.E., Bridge/Tunnel Maintenance Coordinator, PA Turnpike Commission

4:50pm / A Southern Beltway Project
Steven Hrvoich, P.E., Construction Engineering Manager,
PA Turnpike Commission

5:10pm / Turnpike Issues Open Discussion/Q&A

3:45-5:30pm

Wild Rose AB

DESIGN/CONSULTANT FOCUS

Co-Moderators ■ ■ ■ Joe O'Neil, P.E., Executive Vice President, WBCM, ACEC/PA President
Michele Harter, P.E., Section Chief, Contract Management Section – PennDOT

3:45pm / Welcome & Introductions

3:50pm / Advances in Subsurface Utility Engineering
Bryan J. Teschke, P.G., Branch Manager/Geophysicist, Cardno, Inc.
Rhett P. Sloan, P.L.S., Sr. Project Manager, Cardno, Inc.

4:10pm / Construction Inspection Mileage and Hour Logs
Karen Gabel, Transportation Construction Manager, PennDOT

4:30pm / Consultant Agreements Policy
Michele Harter, P.E., Contract Management Section Chief, Bureau of Project Delivery, PennDOT

5:10pm / Technology
Joe O'Neil, P.E., Executive Vice President, WBCM, ACEC/PA President

Main Level

Key

- Great American Hall
- Cocoa Suites
- Chocolate Ballroom
- Confection Hall
- Tower Suites

- Offices
- Restaurants
- Prefunction Areas
- Guest Registration and Lobby
- Wall Dividers



Confection Hall

