



## Tennessee Engineers' Conference

September 28 - 29, 2017

Professional Development Hours

Name: \_\_\_\_\_ Total PDH Accrued: \_\_\_\_\_

*\* Hours listed next to each session are approximate, and subject to change. PDH only accrued if sessions are attended in their entirety. Those sessions marked with an \*asterisk\* must be attended with adjoining session to receive credit hours listed \*50 Minutes = 1 PDH*

THURSDAY, SEPTEMBER 28, 2017		Attended / Max Estimated PDH
<b>Room 201A</b>	<b>Track 1: Civil &amp; Environmental</b>	
7:30 am – 9:30 am	Breakfast and Plenary Session	<input type="checkbox"/> 1.0 PDH
10:00 am – 10:50 am	TDEC Engineering Update / Water Reuse Policy, George Garden, PE, TN Dept. of Environment & Conservation	<input type="checkbox"/> 1.0 PDH
10:50 am – 11:15 am	TDEC Regulatory Update, David Money, TN Dept. of Environment & Conservation	<input type="checkbox"/> 0.5 PDH
11:15 am – 11:40 am	One Water = Water Reuse and Integrated Water Management, Darren Gore, PE, City of Murfreesboro	<input type="checkbox"/> 0.5 PDH
11:45 am – 1:00 pm	TEF Luncheon	<input type="checkbox"/> 0.5 PDH
1:30 pm – 1:55 pm	Potential for Compensatory Mitigation through Integrated Urban Stream Restoration and Stormwater Management, Dr. John S. Schwartz, PE, Dr. Karina Bynum, PE, TN Dept. of Environment & Conservation	<input type="checkbox"/> 0.5 PDH
1:55 pm – 2:20 pm	Breaking New Ground: Implementation of the Largest Peracetic Acid Disinfection System in the US, Cayce Grissom, PE, CDM Smith and Scott Morgan, PE, City of Memphis	<input type="checkbox"/> 0.5 PDH
2:20 pm – 3:10 pm	Chattanooga WPA - Innovative Solutions for Rehabilitation Plan Development, Bradley Heilwagen, PE, AMEC Foster Wheeler	<input type="checkbox"/> 1.0 PDH
3:40 pm – 4:05 pm	The Reality of Green Infrastructure, Kelli Richardson, PE, LDA Engineering	<input type="checkbox"/> 0.5 PDH
4:05 pm – 5:00 pm	Alcoa Duck Pond Walking and Biking Path: The Evolution of a Project, Steve Drummer, PE, LDA Engineering	<input type="checkbox"/> 1.0 PDH
<b>Room 201B</b>	<b>Track 2: Geotechnical</b>	
7:30 am – 9:30 am	Breakfast and Plenary Session	<input type="checkbox"/> 1.0 PDH
10:00 am – 10:25 am	Investigation and Repair of Large Sinkhole, Ray Tant, PE, Shield Engineering	<input type="checkbox"/> 0.5 PDH
10:25 am – 10:50 am	Numerical Modelling for Novel Geotechnical Applications, John Barrett, PE, Geosyntec Consultants	<input type="checkbox"/> 0.5 PDH
10:50 am – 11:15 am	Geotechnical Challenges and Pile Testing at Kinder Morgan Elba Island LNG Project, Dr. Guoming Lin, Terracon Consultants, Inc.	<input type="checkbox"/> 0.5 PDH
11:15 am – 11:40 am	Chemical Modification of Soils, Dale Andrews, Carmeuse Lime & Stone	<input type="checkbox"/> 0.5 PDH
11:45 am – 1:00 pm	TEF Luncheon	<input type="checkbox"/> 0.5 PDH
1:30 pm – 2:20 pm	Mosul Dam, Vanessa Bateman, PE, PG, U S Army Corps of Engineers	<input type="checkbox"/> 1.0 PDH
2:20 pm – 2:45 pm	Field Performance of Piles of an Integral Abutment Bridge, Khalid Alshibli, University of TN	<input type="checkbox"/> 0.5 PDH
2:45 pm – 3:10 pm	Use of Resistivity Imaging and Seismic Methods for HDD Projects, Warren Dean, Draper Aden Associates	<input type="checkbox"/> 0.5 PDH
3:40 pm – 4:10 pm	Automated Instrumentation, Matt Bullard, PE, TTL, Inc.	<input type="checkbox"/> 0.5 PDH
4:10 pm – 5:00 pm	Foundation Optimization for the New Atlanta Braves Mixed-Use Complex, Matthew Hammett, PE, Hayward Baker, Inc.	<input type="checkbox"/> 1.0 PDH
<b>Room 202A</b>	<b>Track 3: Transportation</b>	
7:30 am – 9:30 am	Breakfast and Plenary Session	<input type="checkbox"/> 1.0 PDH
10:00 am – 10:50 am	CVAV: Today, Tomorrow, Tennessee, Brad Freeze, PE, TN Dept. of Transportation and Steven Field, PE, Stantec Consulting Services	<input type="checkbox"/> 1.0 PDH
10:50 am – 11:15 am	A Better Honky Tonk Sidewalk, Jeff Hammond, PE, Metro Nashville Public Works	<input type="checkbox"/> 0.5 PDH
11:15 am – 11:40 am	Innovative Applications in Bicycle Facility Design – Southern Style, Brandon Taylor, PE, RPM Transportation Consultants, a Division of KCI Technologies, Inc.	<input type="checkbox"/> 0.5 PDH
11:45 am – 1:00 pm	TEF Luncheon	<input type="checkbox"/> 0.5 PDH

1:30 pm – 1:55 pm	IMPROVE Act Update, Steve Allen, TN Dept of Transportation	□ 0.5 PDH
1:55 pm – 2:20 pm	Atlanta is Burning...and Other Tall Tales from GDOT's RTOP Program, Jonathan M. Moore, P.E., IMSA Level II, Kimley-Horn and Associates.	□ 0.5 PDH
2:20 pm– 3:10 pm	Missing Link; Section E of the Foothills Parkway, Thomas Meador, PE, Lane Construction	□ 1.0 PDH
3:40 pm – 4:05 pm	TDOT Construction Update, Will Reid, PE and Lori Lange, PE, TN Dept. of Transportation	□ 0.5 PDH
4:05 pm – 5:00 pm	I-124 in Chattanooga. Jim Floyd, PE, Volkert, Inc.	□ 1.0 PDH
<b>Room 202B</b>	<b>Track 4: Engineering Management - A</b>	
7:30 am – 9:30 am	Breakfast and Plenary Session	□ 1.0 PDH
10:00 am – 10:50 am	Engineering Practice in the Midst of Changing Federal Rules & Regulations, David Draper, Lewis Thomason	□ 1.0 PDH
10:50 am – 11:40 am	Designing Corporate Social Impact to Reverse Burnout, Retain Talent, and Grow, Peter Atherton, ActionsProve, LLC	□ 1.0 PDH
11:45 am – 1:00 pm	TEF Luncheon	□ 0.5 PDH
1:30 pm – 2:20 pm	“Whew – Glad That Project is Over! (Or Is It?): Avoiding Costly Project Closeout Mistakes,” Vic McConnell, Smith Cashion Orr	□ 1.0 PDH
2:20 pm – 3:10 pm	Top Ten Metrics for AE Firms, Megan Miller, Deltek	□ 1.0 PDH
3:40 pm – 4:30 pm	Building Great Company Culture, James Fields, Concept Technologies	□ 1.0 PDH
4:30 pm – 5:00 pm	QBS Case Studies, Mickey Sullivan, PE, Gresham, Smith and Partners & Kasey Anderson, ACECTN/TSPE	□ 0.5 PDH
<b>Room 202C</b>	<b>Track 4: Engineering Management - B</b>	
7:30 am – 9:30 am	Breakfast and Plenary Session	□ 1.0 PDH
10:00 am – 10:50 am	Finding and Protecting “Keepers” when Fishing for Talent, Dan Ryan, Ryan Search & Consulting	□ 1.0 PDH
10:50 am – 11:40 am	Tennessee Has Talent (EEA Tips), Angie and Harold Cannon, PE, Cannon & Cannon, Inc.	□ 1.0 PDH
11:45 am – 1:00 pm	TEF Luncheon	□ 0.5 PDH
1:30 pm – 2:20 pm	Ownership Transition in an Engineering Firm, Tim Jamison, Prairie Capital	□ 1.0 PDH
<b>Room 205A</b>	<b>Track 5: Electrical, Mechanical &amp; Industrial</b>	
7:30 am – 9:30 am	Breakfast and Plenary Session	□ 1.0 PDH
10:00 am – 10:50 am	EnergyRight® Solutions for Business and Industry: Expressing the True Value of Energy Projects Using Your Customers’ Own Yardsticks, Jeremy Cotten and Mark Jewell, TN Valley Authority	□ 1.0 PDH
10:50 am – 11:40 am	Review of Grounding Systems, Alan O’Quinn, PE, Power Consulting Associates	□ 1.0 PDH
11:45 am – 1:00 pm	TEF Luncheon	□ 0.5 PDH
1:30 pm - 2:20 pm	Changes in the 2018 Revision of NFPA 70E and Why They Matter; Tommy Northcott, PE, CMRP, Northcott Consulting	□ 1.0 PDH
2:20 pm – 3:10 pm	Paying it Forward: Engineering in a Humanitarian Context, Dr. A. Fort Gwinn, Jr., PE, Dr. Kerry Patterson & Dr. Kirstin Dodson Lipscomb University	□ 1.0 PDH
3:40 pm – 4:10 pm	Reliability Centered Maintenance: The Cornerstone of Electrical Safety, Tommy Northcott, PE, CMRP, Northcott Consulting	□ 0.5 PDH
4:10 pm – 5:00 pm	Center Hill - Aging Infrastructure and the Electrical/Mechanical Engineer in the U.S. Army Corps of Engineers, Rob Baulsir, PE, U S Army Corps of Engineers	□ 1.0 PDH
<b>Room 205B</b>	<b>Track 6: Structural</b>	
7:30 am – 9:30 am	Breakfast and Plenary Session	□ 1.0 PDH
10:00 am – 10:50 am	Strength Design of Masonry: An Introduction and Benefits over ASD, Dr. Richard Bennett, University of TN, Knoxville	□ 1.0 PDH
10:50 am – 11:15 am	Laser Metrology of Steel Girder Splice Connections, Dr. Nicholas Wierschem, University of TN, Knoxville	□ 0.5 PDH
11:15 am – 11:40 am	Stiffness Reduction Within the Direct Analysis Method-Composite Design, Dr. Mark Denavit, University of TN, Knoxville	□ 0.5 PDH
11:45 am – 1:00 pm	TEF Luncheon	□ 0.5 PDH
1:30 pm – 1:55 pm	Bridge Investigations at State Fairgrounds – Nashville, Dr. Catherine Armwood, TN State University	□ 0.5 PDH
1:55 pm – 2:20 pm	3D Printed Nanocomposites for Material State Monitoring Applications, Mr. Cole Brubaker, Vanderbilt University	□ 0.5 PDH
2:20 pm – 3:10 pm	3D Printing with Cementitious Materials, Dr. Florence Sanchez, Vanderbilt University	□ 1.0 PDH
3:40 pm – 4:05 pm	Prestressed Concrete: The Good, The Bad, and The Ugly, Mike Sheridan, PE, Allen & Hoshall	□ 0.5 PDH
4:05 pm – 4:15 pm	TNSAVE Update, Rick Heckel, PE, Ardent Geotechnical Consultants	□ 0.0 PDH
4:15 pm – 5:00 pm	Changes to the AISC Code of Standard Practice, Mr. Tim Bradshaw, American Institute of Steel Construction	□ 1.0 PDH

<b>Room 201A</b>	<b>Track 1: Civil &amp; Environmental - Professional Development (Friday 9/29)</b>	
7:30 am – 8:50 am	Awards Breakfast	☐ 0.5 PDH
9:00 am – 9:50 am	Can Bugholes Be Evaluated Objectively on Off-the-form Concrete Surfaces?, Ward R. Maish, PE, American Society of Concrete Contractors	☐ 1.0 PDH
10:20 am – 11:10 am	Ceramic UF Membranes: A Stronger Approach to Treating Water, Ron Maness, PE, h2o Innovations	☐ 1.0 PDH
11:10 am – 12:00 pm	City of Oak Ridge Equalization Basin Design Challenges, Steve Bostic, PE, LDA Engineering	☐ 1.0 PDH
12:00 pm – 1:30 pm	Friday Lunch	☐ 1.0 PDH
<b>Room 201B</b>	<b>Track 2: Geotechnical</b>	
7:30 am – 8:50 am	Awards Breakfast	☐ 0.5 PDH
9:00 am – 9:25 am	Remedial Grouting at Chickamauga Lock, Nick Bachand, E.I.T, Rembco Geotechnical Contractors	☐ 0.5 PDH
9:25 am – 9:50 am	Fast Fix 8: I-24 Eastern Side of The Nashville Loop, Aaron Crowley, PE, K.S. Ware and Associates, LLC	☐ 0.5 PDH
10:20 am – 10:45 am	Memphix 4: I-240 Bridge Replacement CMGC, Dr. Ashraf Elsayed, PE, Geotechnology, Inc & Jake Williams, PE, Alfred Benesch & Company	☐ 0.5 PDH
10:45 am – 11:10 am	Capitol Connector Tunnel, Chip Howorth, Stone & Howorth, PLC	☐ 0.5 PDH
11:10 am – 12:00 pm	Full Depth Reclamation with Portland Cement, Jessie Anna Boone, Southeast Cement Promotion Association	☐ 1.0 PDH
12:00 pm – 1:30 pm	Friday Lunch	☐ 1.0 PDH
<b>Room 202A</b>	<b>Track 3: Transportation</b>	
7:30 am – 8:50 am	Awards Breakfast	☐ 0.5 PDH
9:00 am – 9:25 am	MNAA - BNA Vision Update, Robert Ramsey, PE, Metro Nashville Airport Authority	☐ 0.5 PDH
9:25 am – 9:50 am	MTA Transit Update, Steve Bland, Nashville Metropolitan Transit Authority/Regional Transportation Authority of Middle Tennessee	☐ 0.5 PDH
10:20 am – 11:10 am	SR 299 over I-24 GDOT ABC, Brian Charlesworth, PE, Wright Brothers Construction and Steve Jarrett, PE, WSP	☐ 1.0 PDH
11:10 am – 12:00 pm	I-240 at Poplar Avenue CMGC, Sammie McCoy, PE, Alfred Benesch & Company	☐ 1.0 PDH
12:00 pm – 1:30 pm	Friday Lunch	☐ 1.0 PDH
<b>Room 202B</b>	<b>Track 4: Engineering Management - A</b>	
7:30 am – 8:50 am	Awards Breakfast	☐ 0.5 PDH
9:00 am – 9:50 am	Design and Construction Documents, Dale Crow, Crow Friedman Group A Risk Strategies Company & David Garst, Lewis Thomason	☐ 1.0 PDH
10:20 am – 11:10 am	AIA 2017 Documents: Changes in Owner/Architect Agreements, Andrew Mendelson, FAIA, Berkley Design Professionals Underwriters	☐ 1.0 PDH
11:10 am – 12:00 pm	AIA 2017 Documents: Changes in Owner/Architect Agreements (Cont'd)	☐ 1.0 PDH
12:00 pm – 1:30 pm	Friday Lunch	☐ 1.0 PDH
1:30 pm – 2:20 pm	Client Development and the Technical Profession – Who, Me? Donna Corlew, FSMPS, CPSM, C*Connect	☐ 1.0 PDH
2:20 pm – 3:10 pm	The Rules, the Law, and Avoiding Trouble, Shane McNeil, Tellus Law	☐ 1.0 PDH
<b>Room 202C</b>	<b>Track 4: Engineering Management - B</b>	
7:30 am – 8:50 am	Awards Breakfast	☐ 0.5 PDH
9:00 am – 9:50 am	Building a Professional Brand On-Line, Deborah Varallo, Varallo Public Relations	☐ 1.0 PDH
10:20 am – 11:10 am	Cybersecurity for Engineers, Scott Augenbaum, Federal Bureau of Investigation	☐ 1.0 PDH
11:10 am – 12:00 pm	Catch Me I'm Falling – Fall Protection for Engineers, Josh Hughes, PE, Hughes Energy	☐ 1.0 PDH
12:00 pm – 1:30 pm	Friday Lunch	☐ 1.0 PDH
<b>Room 205A</b>	<b>Track 5: Students</b>	
7:30 am – 8:50 am	Awards Breakfast	☐ 0.5 PDH
9:00 am – 9:25 am	Bridge Investigations at State Fairgrounds – Nashville, Dr. Catherine Armwood, TN State University	☐ 0.5 PDH
9:25 am – 9:50 am	Innovative Applications in Bicycle Facility Design – Southern Style, Brandon Taylor, PE, RPM Transportation Consultants, a Division of KCI Technologies, Inc.	☐ 0.5 PDH
10:20 am – 11:10 am	Foundation Optimization for the New Atlanta Braves Mixed-use Complex, Matthew Hammett, PE, Hayward Baker, Inc.	☐ 1.0 PDH
11:10 am – 11:35 am	Investigation and Repair of Large Sinkhole, Ray Tant, PE, Shield Engineering	☐ 0.5 PDH
11:35 am – 12:00 pm	Environmental Challenges During On-Going Construction at St. Jude Children's Research Hospital, Memphis, Wesley Goodnight, EnSafe Inc.	☐ 0.5 PDH
12:00 pm – 1:50 pm	Friday Lunch	☐ 1.0 PDH

1:50 pm – 3:30 pm	Student Competition	□ 2.0 PDH
<b>Room 202A</b>	<b>AFTERNOON SPECIAL SESSIONS (FRIDAY 9/29)</b>	
1:50 pm - 4:00 pm	TDOT Partnering Quality Improvement Working Groups	□ 2.0 PDH
<b>Room 202C</b>		
1:50 pm - 4:00 pm	A/E Board Town Hall Meeting – QBS, Rule Changes	□ 2.0 PDH

*Education provided by  
ACEC Tennessee / Tennessee Society of Professional Engineers  
ASCE Tennessee Section / Tennessee Structural Engineers Association*



Kasey Anderson, CAE  
Executive Director, ACEC/TN and TSPE

**Please keep this PDH certificate for your records**

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