

# AGENDA

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**Tuesday, March 26, 2019**

**8:00 - 10:00 AM    Conference Registration**

**10:00 - 12:00 PM    General Session I - Exhibit Hall**

*Moderator: Andy Leaphart, P.E., SCDOT Chief Engineer for Operations*

**Opening Remarks**

*Leland Colvin, P.E., SCDOT Deputy Secretary for Engineering*

**FHWA Update**

*Emily Lawton, P.E., FHWA Division Administrator*

**State of SCDOT**

*Christy Hall, P.E., SCDOT Secretary of Transportation*

**Mega-Project, Micro-Engagement: A look at Carolina Crossroads' Public Involvement**

*Ladd Gibson, P.E., Assoc. DBIA, SCDOT Program Director for Mega Projects*

*Brian Klauk, P.E., CPM, ENV SP, SCDOT Project Manager for Carolina Crossroads*

**Lowcountry GO: Commuter Services Pilot Program**

*Vonie Gilreath, Mobility Manager, Berkeley Charleston Dorchester COG*

*Samantha Dubay, Senior Strategic Communications Coordinator, HDR, Inc.*

**12:00 - 1:30 PM    Lunch - Exhibit Hall**

*Moderator: Leland Colvin, P.E., SCDOT Deputy Secretary for Engineering*

**Engineering Problem Solving**

*Paul D. de Holczer, SCDOT Assistant Chief Counsel*

**1:30 - 3:00 PM    Breakout Session I**

**Track I - Columbia Ballroom A**

*Moderator: Timothy Henderson, P.E., SCDOT District 6 Engineering Administrator*

**More Fun Underground Than Should Be Legal! The US 17 Spring/Fishburne Drainage Improvement Project**

*Steve Kirk, P.E., Senior Engineering Project Manager, City of Charleston*

**Encroachment Permits 101**

*Glen Bramlitt, SCDOT State Permit Engineer*

**Track II - Columbia Ballroom B**

*Moderator: Chad Long, SCDOT Director of Environmental Services*

**Addressing Challenges of Highway Noise Analysis and Public Engagement**

*Ahmed El-Assar, Ph.D., P.E., INCE, ENV SP*

*Adam Alexander, INCE, Gannett Fleming*

**Unusual Interstate Repair Challenges - The Engineering of Maintenance Operations**

*Alan R. Kozusko, P.E., SCDOT District 1 Maintenance Engineer*

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## Tuesday, March 26, 2019 (continued)

### Track III - Columbia Ballroom C

*Moderator: Jason Johnston, P.E., SCDOT District 4 Engineering Administrator*

#### Design Nuances of a Diverging Diamond Interchange (DDI)

*Berry Mattox, P.E., SCDOT Program Manager*

*Tony Sheppard, P.E., Kimley-Horn*

*Tim Brumfield, Kimley-Horn*

#### Finding Balance in Multimodal Transportation - It's Like Riding a Bicycle

*Ernie Boughman, AICP, Dir. of Operations, Southeastern U.S., Toole Design Group*

*Blake Loudermilk, P.E., Senior Engineer, Toole Design Group*

### 3:00 - 3:30 PM Break with Exhibitors

### 3:30 - 5:00 PM Breakout Session II

#### Track I - Columbia Ballroom A

*Moderator: Claude Ipock, P.E., SCDOT Director of Construction*

#### Stone Matrix Asphalt - Virginia's 25-Year Journey

*Kevin McGhee, P.E., VDOT Associate Research Director, Pavements*

#### Pavement Design, How Did We Get Here and Where Are We Going?

*Jay Thompson, P.E., SCDOT State Pavement Design Engineer*

#### Track II - Columbia Ballroom B

*Moderator: Kevin McLaughlin, P.E., SCDOT District 2 Engineering Administrator*

#### Rural Road Safety Update and US 29 Corridor Improvements

*Brett Harrelson, P.E., SCDOT State Traffic Safety Engineer*

*Kurt Mead, SCDOT Assistant Resident Maintenance Engineer, Anderson County*

#### Interstate Safety Projects

*Joey Riddle, P.E., SCDOT Highway Safety Engineer*

*Eric Hall, P.E., SCDOT Safety Project Development Engineer*

#### Track III - Columbia Ballroom C

*Moderator: Kevin Gantt, P.E., SCDOT District 7 Engineering Administrator*

#### Local Public Agency Projects: Preparation of Construction Bid Documents and Strategies for More Efficient Project Delivery

*Yates Jackson, SCDOT Local Public Agency Engineer*

*Sid Bacchus, SCDOT Local Public Agency Engineer*

#### DBE Reporting and Contract Compliance

*Carolyn "DeeDee" Burton, SCDOT DBE Program Development Manager*

### 5:00 - 6:30 PM Trade Show and Vendor Exhibits

*Please join us for a reception in the Exhibitor area to network with your peers and other professionals in your field. Light hors d'oeuvres and refreshments will be available.*

# AGENDA

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**Wednesday, March 27, 2019**

**7:00 - 8:00 AM Breakfast with Exhibitors**

**8:00 - 10:15 AM Breakout Session III**

**Track I - Columbia Ballroom A**

*Moderator: Kyle Berry, P.E., SCDOT District 5 Engineering Administrator*

**Success and Failure in Erosion Control Statewide**

*Mike Hannah, P.E., SCDOT District 2 Construction Engineer*

*Mickey Queen, SCDOT Environmental Compliance Manager*

*Jackie Williams, SCDOT Stormwater Manager*

*John Martin, SCDOT Assistant Stormwater Engineer*

**USGS Streamgaging Program and Cooperative Scientific Investigations: Benefits to the SCDOT and the State of South Carolina**

*Toby Feaster, P.E., Hydrologist, USGS South Atlantic Water Science Center*

**Leveraging GIS for Extreme Event Preparation and Response**

*Neal Banerjee, P.E., CPM, Water Resources Department Manager, ESP Associates*

**Track II - Columbia Ballroom B**

*Moderator: John Boylston, P.E., Director of Preconstruction*

**Design-Build Project Delivery Method Selection Process**

*Chris Gaskins, P.E., P.G., DBIA, SCDOT Preconstruction Design-Build Engineer*

**Development of a Design-Build Alternative Technical Concept Management System**

*Jae H. Mattox, III, P.E., DBIA, SCDOT Design-Build Program Manager*

*Austin Purgason, E.I.T., SCDOT Design-Build Roadway Designer*

**Driving Forward with the I-26 Volvo Interchange**

*Jae H. Mattox, III, P.E., DBIA, SCDOT Design-Build Program Manager*

*Daniel Burton, P.E., SCDOT District 6 Construction Engineer*

**Track III - Columbia Ballroom C**

*Moderator: Rob Perry, P.E., SCDOT Director of Traffic Engineering*

**Traffic Safety Statistics and Data Driven Safety Analysis**

*Emily Thomas, SCDOT Safety Planning and Research Manager*

*Jennifer Rhoades, P.E., SCDOT Safety Program Data Analysis Engineer*

**Real Time Data and How it is Used for Traffic Management**

*Michael Bowman, SCDOT State Traffic Management Coordinator*

**Adaptive Systems & Corridor Management**

*Sean Knight, P.E., SCDOT District 3 Traffic Management Engineer*

*V. Carol Jones, P.E., SCDOT State Traffic Signal & Systems Engineer*

**10:15 - 10:45 AM Break with Exhibitors**

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## **Wednesday, March 27, 2019 (continued)**

### **10:45 - 12:15 PM Breakout Sessions IV**

#### **Track I - Columbia Ballroom A**

*Moderator: Stephanie Amell-Jackson, P.E., SCDOT District 3 Engineering Administrator*

##### **Drones and the SCDOT: Where We Are and Where We Are Going**

*Dr. Joe Burgett, Construction Science and Management, Clemson University*

##### **Hydro-Demolition of Bridge Decks - What We Know Now**

*Joe D. Laws III, P.E., SCDOT Resident Construction Engineer, Pickens County*

*AJ Bostic, SCDOT Resident Bridge Construction Engineer, District 5*

*Michael Buck, P.E., SCDOT Resident Construction Engineer, Richland A*

#### **Track II - Columbia Ballroom B**

*Moderator: Robert Dickinson, P.E., SCDOT District 1 Engineering Administrator*

##### **Permitting Logistics to Safely Transport Over Size and Weight Loads**

*Michelle Mabry, Director of Oversize and Overweight Permits*

##### **SCDOT Work Zone Safety Best Practices**

*Dennis G. West, SCDOT Work Zone & Chemical Safety Manager*

*John Timmerman, SCDOT District 2 Safety Representative*

*Susan Connell, SCDOT District 6 Safety Officer*

#### **Track III - Columbia Ballroom C**

*Moderator: Jim Feda, P.E., SCDOT Deputy Secretary for Intermodal Freight*

##### **The What, When, Where, How and Why of Feasibility Reports**

*Betsy McCall, P.E., SCDOT Feasibility Report Manager*

##### **Early Right of Way Acquisition: No Time Like The Present**

*Hugh Haddock, SCDOT Assistant Director of Right of Way for Acquisitions*

### **12:15 - 2:00 PM Lunch - Exhibit Hall**

#### **SCDOT Engineering Awards**

*Leland D. Colvin, P.E., SCDOT Deputy Secretary for Engineering*

### **2:00 - 3:30 PM General Session II - Exhibit Hall**

*Moderator: Randy Young, P.E., Chief Engineer for Project Delivery*

##### **Hurricane Florence Response and Project Lifeline**

*Andy Leaphart, P.E., SCDOT Chief Engineer for Operations*

##### **Inland Port Update**

*SC Ports Authority*

### **3:30 - 3:45 PM Break**

### **3:45 - 5:00 PM General Session III - Exhibit Hall**

*Moderator: Randy Young, P.E., SCDOT Chief Engineer for Project Delivery*

##### **Bridge Inspection Program Update**

*Emily Berry, P.E., Assoc. DBIA, SCDOT Assistant State Bridge Maintenance Engineer*

##### **SCDOT Bridge Program**

*John Boylston, P.E., SCDOT Director of Preconstruction*

*Julie Barker, P.E., SCDOT Regional Production Engineer, Upstate*

##### **Closing Remarks**

*Leland Colvin, P.E., SCDOT Deputy Secretary for Engineering*