

**Monday, December 8<sup>th</sup>, 2014**

**2:00pm**

**SNOW FIGHTING ALTERNATIVES\***

*\*CPD Session*

Lack of salt this year is forcing us to come up with other options. This presentation will discuss two counties' experience with snow removal operations, blending materials, beet juice, and other strategies for stretching your salt resources.

*Doug Reinhart, P.E., P.S.*  
Auglaize County Engineer

*Tim Nelson*  
Fleet Manager  
Montgomery County Engineer's Office

**3:00pm-3:15pm Break**

**3:15pm**

**ODOT'S REVISED ASPHALT SPECIFICATIONS\***

*\*CPD Session*

Fairly substantial changes were made recently to ODOT's Construction and Material Specifications concerning the way hot mix asphalt surface and intermediate courses are specified. This presentation will attempt to detail the changes as well as best practice usage for each of the different material specifications for hot mix asphalt.

*Aric Morse, P.E.*  
Pavement Design Engineer  
ODOT, Office of Pavement Engineering

**3:45pm**

**FULL DEPTH PAVEMENT RECLAMATION AND ITS PERFORMANCE\***

*\*CPD Session*

A presentation on Delaware County's extensive use of Full Depth Pavement Reclamation as an alternative to reconstruction and the results of the county's Full Depth Reclamation test section.

*Chris Bauserman, P.E., P.S.*  
Delaware County Engineer

*\*CPD certificates will be offered for each CEAO technical session for a maximum of 8.5 CPD hours. Please note that the final determination of what qualifies for CPD credit ultimately lies between the license holder and the State Board of Registration for Professional Engineers & Surveyors.*

**4:15pm**

**IN-SITU PROCEDURES TO DETERMINE STRUCTURAL INPUTS FOR FLEXIBLE PAVEMENT DESIGN/ANALYSIS\***

*\*CPD Session*

This presentation will describe non-destructive methods of measuring the properties of flexible pavement structures in the field. These methods include utilizing data collected with the falling weight deflectometer (FWD), portable seismic pavement analyzer (PSPA), and the dynamic cone penetrometer (DCP), to characterize the load carrying capacity of materials used in road widening/construction when established values are not available. Results of a recently completed evaluation of chemically stabilized subgrades and confined granular bases under flexible pavements will be presented.

*Shad Sargand, Ph.D.*

Russ Professor of Civil Engineering  
Ohio University

**Tuesday, December 9<sup>th</sup>, 2014**

**9:00am**

**"Black Spot" to "Systemic Safety" – Multiple Strategies for Safety Improvements\***

*\*CPD Session*

This session will cover national approaches and strategies for making safety investments on rural and local roads.

*Michelle May and Mike McNeill, ODOT's Highway Safety Program*

*Ray Brushart and Mike Fitch, Ohio's Local Technical Assistance Program (LTAP)*

**10:00am**

**SUBDIVISION REGULATION STREET STANDARDS\***

*\*CPD Session*

An overview discussion of important issues Franklin County Engineer's office faced when they updated their subdivision standards. Discussions include roadway geometry, widths and storm drainage.

*Mike Meeks, P.E.*

Traffic Engineer  
Franklin County Engineer's Office

**11:00am**

**SUPPLEMENTAL SPECIFICATION 832\***

*\*CPD Session*

Ohio Department of Transportation manages temporary erosion and sediment control through a construction specification. This facilitates compliance with Ohio EPA's NPDES program through the construction contract and reduces the Department's liability for environmental regulatory actions during construction. This session will discuss the history associated with the development of Supplemental Specification 832, key fundamentals of the specification and managing SS832 during construction.

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*Hans Gucker, P.E., CPESC*  
Construction Hydraulic Engineer  
ODOT, Office of Construction Administration

### **Boxed Lunch**

**1:00pm**

#### **RIGHT OF WAY ACQUISITIONS AND RIGHT OF WAY PLAN DEVELOPMENT\***

*\*CPD Session*

Delaware County's experience in right of way acquisition for local and LPA funded projects. Lessons learned and a hands on approach to an important aspect of project delivery.

*Ryan Mraz, B.S.C.E.*  
Chief Deputy Design Engineer  
Delaware County Engineer's Office

**2:00pm**

#### **ODOT VRS REAL TIME GNSS NETWORK...AN UPDATE\***

*\*CPD Session*

The ODOT Office of CADD and Mapping services has made steady progress improving the VRS Real Time Network over the past year. There are more changes on the horizon as we work to implement an entirely new software package.

*David Beiter, P.E. / S.I.*  
CORS and VRS Coordinator  
ODOT, Office of CADD and Mapping

**3:00pm**

#### **MULTITASKING IN THE FIELD WITH A MULTISTATION\***

*\*CPD Session*

With the advent of technology and the ability to now capture a 3D image easier and quicker, "typical" surveys are now changing to provide much more data in less time. From Bridges to Roads to Highways, the technology of today can give us much more insight into the scope of the project, the work to be done and the product that most assuredly safely and well built by all those involved. Leica's MS50 MultiStation is making this possible today with the ability to have GPS, Robotics and Scanning all in one instrument.

*Alex Cherchian*  
Ohio Geomatic Sales Support Training  
Leica Geosystems

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