

# *Program*

## **Tuesday, March 13, 2018**

- 11:00am            **Trade Show Set Up**
- 12:00pm            **Registration / Trade Show / Refreshments / Lunch on Own**
- 12:45pm-1:35pm    **Introduction and Welcome**  
**Opening Session**  
**County Petition Ditch Process (Established & New)\***  
*Doug Reinhart, P.E., P.S., Auglaize County Engineer*  
  
*This presentation will discuss the several options for drainage petitions provided by the Ohio Revised Code and the advantages/disadvantages of each. Assessment methods, public hearing procedures and suggestions for a successful project will also be covered.*
- 1:35pm-2:25pm    **Revisions to Petition Ditch Laws & Drainage Task Force\***  
*Steve Stolte, P.E. (retired), P.S. (retired), Union County Commissioner and former Union County Engineer, Ohio Drainage Law Revision Task Force Chair*  
*Douglass Degen, Drainage Engineer, Allen County Engineer's Office*  
*Ron Lajti, Jr., P.E., P.S., Ottawa County Engineer*  
  
*The Ohio Drainage Law Revision Task Force was established Oct. 11, 2013 by the County Commissioners Association of Ohio. It was created to bring together Ohio Commissioners, Engineers and appropriate stake holders to review ambiguous Drainage Law sections of the Ohio Revised Code. The Task Force reviewed ORC Chapters 1515 (now 940), 6131, 6133, 6135 and 6137 to clarify numerous provisions and embrace new technology and processes that would provide for greater efficiencies, fewer misunderstandings and less unnecessary legal costs for taxpayers.*
- 2:25pm-3:00pm    **Trade Show Refreshment Break**
- 3:00pm-3:50pm    **Alternatives to the Traditional Petition Ditch Process\***  
*Jim Gills, P.E., P.S., Lake County Engineer*  
*William "Fritz" Crosier, P.E., Chief Deputy of Engineering, Franklin County Engineer's Office*  
*Kate Radtke, Drainage Engineer Intern, Franklin County Engineer's Office*  
  
*The Ohio ditch petition process is found in Ohio Revised Code Section 6131. Since that process was established, several alternatives to improving petitioned ditches and other drainage courses have been implemented, including the establishment of storm water utilities, coordination of General Fund monies in lieu of assessments, and the creation of new petition ditches through the subdivision platting process. This session will present an overview of some of these alternatives to the traditional ditch petition process.*
- 3:50pm-4:40pm    **MS4 EPA Requirements – What are Counties Doing?\***  
*Jeremiah Upp, P.E., P.S., Fairfield County Engineer*  
  
*A look at how Fairfield County has handled the MS4 EPA requirements, followed by an interactive Q & A session on other county's experiences.*
- 4:40pm-6:00pm    **Trade Show Reception**  
*Visit our exhibitors and network with your counterparts. Refreshments will be served.*

*\*Sessions indicated with an asterisk (\*) have been recommended for CPD credit for a maximum of **7.0 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.*

# Program

**Wednesday, March 14, 2018**

- 7:30am **Continental Breakfast**
- 8:30am-9:20am **New Construction Permits / Post Construction Requirements / NPDES Phase 2 Permit\***  
*John Mathews, Storm Water Technical Assistance, Ohio EPA*  
*This April, Ohio's construction general permit will be updated and renewed. This session will provide an overview of the changes that have been proposed in the draft NPDES storm water permit that was submitted for public comment in February. Many of the proposed changes result from a review of the original references used to formulate the requirements 15 years ago.*
- 9:20am-9:50am **Got Storm Water and Drainage Infrastructure?\***  
*Mark McCabe, Associate, Gresham Smith and Partners*  
*ODOT conducted research on culvert replacement methodologies. A research outcome was a transferrable approach that can be applied to municipal infrastructure assets with comparable information to help drive planning level decisions. The research will be summarized and information presented on how this approach can work with your infrastructure assets.*
- 9:50am-10:05am **Break**
- 10:05am-10:35am **The "Gray Area" of Green – Where Design Meets Public Policy\***  
*Kari Mackenbach, Director of Sustainability, ms consultants*  
*The Dellrose Street project broke new ground as the first full-width street reconstruction project using permeable pavers in the City of Pittsburgh. This innovative street design allowed for the exclusion of traditional storm sewer infrastructure, reducing both capital and long-term maintenance costs.*
- 10:35am-11:05am **Proactive Geospatial Planning Will Increase ROI for Storm Water Controls\***  
*John R. Woodard, GIS/IT Project Developer, Davey Resource Group, Inc.*  
*Holly Knox, GIS Analyst, Davey Resource Group, Inc.*  
*The rate of return (ROI) from storm water control is achieved by developing a proactive geospatial system plan. John and Holly will discuss how each element of a project interacts to enhance the value of a storm water control.*
- 11:05am-11:35am **Fusing Orthoimagery and Lidar Provides Efficient Method for Impervious Surface Mapping\***  
*Brian Stevens, Project Director, Woolpert, Inc.*  
*This presentation will cover the existing methods used to delineate impervious surfaces and review the benefits realized from implementing the semi-automated remote sensing process. Focus will be given to the technology and methodology utilized to benefit storm water utility programs.*
- 11:35am **Closing Remarks**  
*Neil Tunison, PE, PS, Warren County Engineer, Committee Co-Chair*  
*Jim Gills, PE, PS, Lake County Engineer, Committee Co-Chair*

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