



INSTITUTE OF
TRANSPORTATION ENGINEERS

MICHIGAN SECTION



Winter Technical Session – December 12, 2019
Farmington Hills, Michigan

Session Location:

Costick Center
28600 W Eleven Mile Rd,
Farmington Hills, MI 48336

Social Location:

Craft Breww City
27843 Orchard Lake Rd,
Farmington Hills, MI 48334

Hosted By:

Mark Saksewski, P.E.
City of Farmington Hills

Winter Technical Session (4.0 CEH)		
8:00 am	Registration, Coffee & Networking	
Time	Topic	Presenter(s)
9:00 AM	Introduction and Safety Minute	Carissa McQuiston, ITE Michigan President
9:10 AM	Safe Routes to Schools Program Overview	Colleen Synk, Michigan Fitness Foundation Adam Jenks, Michigan Fitness Foundation
	Changing health and transportation trends have drastically altered the way Americans interact with their communities and schools over the past fifty years. In response to negative indicators related to obesity, traffic congestion, and elevated levels of greenhouse gas emissions generated by automobiles (to name a few), the objective of Safe Routes to School (SRTS) is to buck these trends. By addressing the built environment and gaps in public awareness, SRTS provides a meaningful opportunity for school districts, municipal governments, public health and safety departments, and citizens to collaborate for solutions. This presentation will provide information on how to engage communities in the SRTS planning process, along with outlining the requirements to implement a successful major grant infrastructure project.	
	Break	
10:15 AM	How to Tell a Story with Data	Chad Livengood, Crain's Detroit
	Livengood will demonstrate using data for the media and public consumption. General questions about interacting with the press is encouraged.	
	Break	



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11:00 AM	Innovative Contracting at MDOT and ATCs for MOT on Design-Bid-Build Projects	Dharmesh Valsadia, MDOT
	<p>MDOT continues to look for contracting methods that may be used to enhance the implementation and delivery of construction projects. Innovative construction contracting methods are typically utilized to address specific project objectives that conventional contracting methods cannot, such as minimizing motorist delay or time to project completion. This presentation will provide information on alternative delivery methods used at MDOT.</p>	
11:45 AM	Lunch	
	<p>Board Transition, executive board speeches, and an award presentation.</p>	
1:00 PM	Work Zone Safety MDOT Q/A Panel	<p>Lindsey Renner, Field Operations Engineer Kitty Rothwell, Southwest Region Associate Region Engineer of Development Craig Innis, Davison TSC Operations Engineer Zack Bratschi, Traffic & Safety Engineer Chris Brookes, Work Zone Delivery Engineer Ryan Doyle, LAP Urban & Safety Manager Jason Firman, Congestion and Mobility</p>
	<p>Work zone safety is an increasing focus in design, and a vital part of the TZD initiative. Join us in this open discussion to learn from experts on work zone safety.</p>	
	<p>Break</p>	
2:00 PM	Detroit's Smart City Vision, Hurdles, and Solutions	Tony G. Geara, City of Detroit
	<p>Detroit has been working on becoming a future-focused Smart City, carrying on a legacy of innovation. This is been manifested through a variety of mobility, traffic, ITS, and transit projects. However, there is a plethora of new 21st-century hurdles facing rebounding cities, such as Detroit. The City continues to deliver on the usual installation, maintenance, and upgrade demands of the existing network, while the funding is fixed. However, with the introduction of Smart Infrastructure, the City is now faced with a new set of challenges such as large data management, real-time communication needs, limited human resources, high maintenance costs, continuous need for equipment upgrading, and ever-growing asset management. Additionally, there is indirect technological pressure imposed on the agency to keep up with the latest and greatest in order to maintain the functionality and interoperability of the systems it has deployed. With all that in mind the City of Detroit is growing its Smart City initiatives with a series of long-range plans and systems that would ensure expandability, upgradability, and interoperability. This presentation goes over a select Smart City initiatives, and some of the associated challenges and implemented solutions.</p>	



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2:30 PM	I-75 Modernization Segment 3	Ken Holbert, WSP
	Overview of I-75 Modernization Segment 3.	
3:00 PM	Closing Remarks	

CEH = Continuing Education Hours