



MICHIGAN INFRASTRUCTURE CONFERENCE



JUNE 4, 2015

The Inn at St. Johns
44045 Five Mile Road
Plymouth, MI 48170



Three Michigan organizations, the American Council of Engineering Companies (ACEC), the American Society of Civil Engineers (ASCE), and the Urban Land Institute (ULI), have partnered to create an informative conference which will focus on how infrastructure can drive economic development through emerging or expanding markets, creative leadership, new technologies and unique solutions developed by practitioners, facility/infrastructure developers and owners. These groups represent Michigan engineers, developers

and other professionals who have a focus and passion to create thriving Michigan communities.

The Michigan Infrastructure Conference offers attendees ample opportunity to obtain continuing education credits while gaining knowledge and networking with peers. It will also offer exposure to new products and services from various exhibitors. Anyone in government, business, industry or education with duties related to economic development and infrastructure planning, design and construction is encouraged to attend.

SCHEDULE:



- 7:30 – 8:45 a.m.** Registration & Continental Breakfast
- 8:45 – 9:00 a.m.** Welcome
- 9:00 – 10:00 a.m.** MDOT Director Kirk Steudle — Transportation Funding
- 10:15 – 11:15 a.m.** Educational Breakouts (3)
- 11:30 – 12:15 p.m.** Lunch
- 12:15 – 12:45 p.m.** Award presentations (ACEC & ASCE)
- 1:00 – 1:45 p.m.** Mark Hackel – Macomb County Executive (Invited)
- 2:00 – 3:00 p.m.** Educational Breakouts (3)
- 3:15 – 4:15 p.m.** Tom Murphy (former mayor of Pittsburgh) presentation & panel discussion
- 4:15 – 5:30 p.m.** Reception with Exhibitors

KEYNOTE SPEAKERS



MARK A. HACKEL
Macomb County Executive

Born and raised in Macomb County, Mark is a proud graduate of Warren Consolidated Schools. He worked his way through college, earning an associate's degree from Macomb Community

College, a bachelor's degree from Wayne State University and a master's in public administration from Central Michigan University.

His career in law enforcement began in 1981 as a dispatcher with the Macomb County Sheriff's

Department. Over the next 20 years he worked his way through every rank and was ultimately elected sheriff in 2000. Mr. Hackel was elected to serve as Macomb's first-ever county executive in November 2010, finishing first in every voting precinct in the county. He ran on a platform of making County government more efficient and effective, and promised to be accountable, accessible, and a passionate advocate for Macomb.

As chief executive officer of Michigan's third largest county, Mr. Hackel is aggressively focusing on both economic and community development. He is also championing the "Blue Economy" initiative, which supports clean water, tourism, recreation and economic development of Lake St. Clair and the Clinton River.



KIRK T. STEUDLE, PE
Director of the Michigan Department of Transportation

Kirk Steudle, Director of the Michigan Department of Transportation (MDOT) since 2006, oversees MDOT's more than three

billion dollar budget, and is responsible for the construction, maintenance and operation of nearly 10,000 miles of state highways and more than 4,000 state highway bridges. He also oversees administration of a variety of multi-modal transportation programs/projects ranging from aviation to the Zilwaukee Bridge.

Steudle was the 2014 Chair of the Transportation Research Board (TRB) Executive Committee, and also a 2014 member of the National Research Council Government Board for the National Academy of Science. He is a Past President of the American Association of State Highway and Transportation Officials (AASHTO). He was 2014 Chair for the Intelligent Transportation Society of America (ITSA) Board of Directors and is also a member of the Intelligent Transportation Systems (ITS) Program Advisory Committee to the U.S. DOT.

A graduate of Lawrence Technological University, he received a Bachelor of Science Degree in Construction Engineering.



TOM MURPHY
ULI, Senior Resident Fellow

Tom Murphy has been a senior resident fellow at the Urban Land Institute since 2006 and recently authored a publication titled *Building on Innovation*. The report

maintains that in the current environment of extremely limited public funds, being competitive means being able to create new economic engines, new marketplace synergies, and new corporate enterprise offshoots. A former mayor of Pittsburgh, his extensive experience in urban revitalization — what drives investment, what ensures

long-lasting commitment — has been a key addition to the senior resident fellows' areas of expertise. Murphy served three terms as mayor, from January 1994 through December 2005. During that time, he initiated a public/private partnership strategy that leveraged more than \$4.5 billion in economic development in the city. Murphy led efforts to secure and oversee \$1 billion in funding for the development of two professional sports facilities and a new convention center that is the largest certified green building in the United States. He developed strategic partnerships to transform more than 1,000 acres of blighted, abandoned industrial properties into new commercial, residential, retail and public uses, and he oversaw the development of more than 25 miles of new riverfront trails and parks.

EDUCATIONAL BREAKOUT SESSIONS

Accelerated Bridge Construction

HDR

This presentation will review a number of successful ABC projects completed around the world to reduce construction duration and community impacts on heavily-traveled roadways. Various examples of ABC projects and construction methods will be presented, including large-scale precast components, modular construction, bridge sliding, launching and SPMT construction. In addition, a comparison of contracting methods with consideration for ABC will be discussed, including traditional design-bid-build, design-build and CM/GC.

Connected Vehicle Infrastructure Deployment Considerations: Lessons Learned from Safety Pilot & Other Connected Vehicle Programs

HNTB

This session will provide insight as to the direction of the Connected Vehicle Program as well as technical, funding, and policy challenges that state and local agencies will face in deploying connected vehicle infrastructure. The presentation will focus on practitioners' concerns including maturity of equipment, security, data accessibility and management and funding solutions.

A Framework for Infrastructure Investment in the 21st Century

OHM ADVISORS

This presentation will focus on the changing landscape for infrastructure funding. Over the last 30 years, communities have witnessed a divergence in the need for infrastructure management and available revenues. An alarming percentage of our infrastructure is reaching the end of its useful life. Downward pressure on tax revenues, combined with utility revenues that do not keep up with inflation, have resulted in the continued degradation of public safety and environmental health.

From Roadways to Greenways — Reconnecting the Motor City

WADE TRIM

The TIGER Discretionary Grant program offered a way for the City of Detroit, in collaboration with several public and non-profit organizations, to realize a true paradigm shift in establishing a collective vision for a re-connected city. LINK! Detroit is a collaboration of five non-motorized greenways and vehicular infrastructure improvements that makes vital connections between key city assets – the Detroit RiverWalk, downtown Detroit, Eastern Market, Midtown and Hamtramck - and can stimulate economic development opportunities.

Making Water Run Uphill-How to Artfully Incorporate Roof Drainage into Green Infrastructure Design

HARLEY ELLIS DEVEREAUX

Designers, engineers, and policy makers from coast to coast are breaking through the old distinction between grey and green infrastructure to establish strategies that apply a mix of the two. This presentation will focus on the use of age-old technologies in new ways that bring leading edge design and green infrastructure together to solve difficult urban stormwater problems to the benefit of citizens and the business community in our cities.

Reimagining Infrastructure and Under-Utilized Landscape within Existing Urban Conditions

MANNIK & SMITH GROUP

RecoveryPark is a non-profit organization that will utilize a food system network as the framework to create jobs. The City of Detroit is the backdrop that currently has underutilized blighted property, aging infrastructure and a large pool of unemployed citizens with employment barriers. This presentation will provide background and an understanding of the shift from convention to innovation of reimagined infrastructures and underutilized landscapes resulting in "win-win" performance outcomes for real estate development.

SPONSORSHIP & EXHIBITOR INFORMATION

Please consider supporting this special event. All sponsors will be recognized in the conference program and be prominently displayed during the conference. Please fill out the sponsorship form and return to the ASCE Michigan Section office (address on registration form). For more information, call (517) 332-2066 or visit the ACEC website at www.acecmi.org.

SPONSORSHIP LEVELS:

PLATINUM	\$1,000
GOLD	\$750
SILVER	\$500
BRONZE	\$250
PATRON	\$150

MAKE PLANS NOW TO EXHIBIT AT ONE OF MICHIGAN'S TOP ENGINEERING CONFERENCES!

Don't miss this chance to converse with members of two engineering associations and the Urban Land Institute. We are offering you the opportunity to showcase your company's products/services at the Michigan Infrastructure Conference being held at The Inn at St. Johns in Plymouth, MI. Exhibitors have a full day on Thursday, June 4th to network with attendees beginning with the continental breakfast at 7:30 a.m. **Exhibit Reward Program:** Exhibitors will be provided with required drink tickets to give to attendees as they visit during the reception from 4:15 – 5:30. Plan to golf with potential clients on June 5th during the scholarship golf outing.

The cost to exhibit is **\$600** per booth, which includes the following:

- » 8-foot skirted table, two chairs
- » Thursday registration for two people
- » Recognition in the Conference program book
- » Signage displayed throughout the Conference

REGISTRATION DEADLINE

The deadline to register is **May 26th, 2015**. Application will be accepted after May 26th with no guarantee of inclusion in on-site materials. Exhibitors may set up on June 4th beginning at 6:00 a.m.

AWARDS LUNCHEON

After lunch we will celebrate the accomplishments of individuals who have made significant contributions to the profession and associations through their leadership on the Board of Directors or as committee chairs. ASCE Michigan will present individual and project awards for unique and outstanding innovation in civil engineering design.

GOLF OUTING INFORMATION

A golf outing has been scheduled on site for Friday, June 5 at 10:30 a.m. The cost is \$80 per person and all members and exhibitors are encouraged to participate. It is the perfect networking opportunity and a chance to have a little fun at the same time! This will be an 18 hole, 4 person scramble — so you don't have to be a great golfer! Hole sponsorships are available, and proceeds benefit the engineering organizations' scholarship funds. Sign up for golf on the conference registration form.

HOTEL ACCOMMODATIONS

Overnight rooms are available at The Inn at St. Johns, 44045 Five Mile Road, Plymouth, MI 48170. A small block of rooms have been reserved for conference attendees. Please make your reservation by May 24, 2015, phone 734.414.0600. For more information, visit www.stjohnsgolfconference.com.

QUESTIONS? Call (517) 332-2066

REGISTRATION FORM

JUNE 4, 2015 | The Inn at St. Johns, Plymouth

Register online at www.acecmi.org

ATTENDEE INFORMATION

Contact Name

Company

Address

City State Zip

Phone Fax Email



ACEC Member Firm



ASCE Member _____ Branch

GOLF OUTING TEAM REQUESTS (JUNE 5)

For each paid golf entry on this registration form, provide golfers' names:

Golfer 1: _____ Golfer 2: _____

Golfer 3: _____ Golfer 4: _____



ULI Member

SPONSORSHIPS

<input type="checkbox"/> Platinum..... \$1,000	<input type="checkbox"/> Exhibitor \$600
<input type="checkbox"/> Gold..... \$750	<input type="checkbox"/> Golf Hole \$100
<input type="checkbox"/> Silver..... \$500	<i>Hole sponsorship benefits scholarship funds for each organization & is considered a charitable contribution</i>
<input type="checkbox"/> Bronze \$250	
<input type="checkbox"/> Patron \$150	

PAYMENT INFORMATION

Mail your registration form with payment to:

ASCE Michigan Section
215 N. Walnut Street
Lansing, MI 48933-1155

Check Enclosed \$ _____

Checks Payable to ASCE Michigan Section

REGISTRATION FEES

	Quantity	Subtotal
Members (excludes golf)	\$175 x _____	=\$ _____
Non-Members (excludes golf)	\$250 x _____	=\$ _____
Government Agency (excludes golf)	\$85 x _____	=\$ _____
Golf Outing	\$80 x _____	=\$ _____
Sponsorship Level	_____	
Exhibitor Fee	_____	
TOTAL \$		<input style="width: 150px; height: 20px;" type="text"/>

Visa MasterCard

Credit Card Number

Name on Card

Expiration Date

CANCELLATION POLICY

Registration fees, less \$25 processing charge, are refundable by submitting your request in writing to ASCE Michigan Section on or before **May 26, 2015**. After **May 26, 2015**, no refunds will be made, but paid registrations are transferable.

QUESTIONS? Call (517) 332-2066