



Heartland ITS Pulse

Call for Abstracts Posted!

The ITS Heartland Board met in Wichita last month in August to visit the site of the next Annual Meeting: Hyatt Regency, great venue, Old Town entertainment, meeting rooms, conference hall, food and social event research and local flavor. Our [Facebook page post](#) includes several pictures of our findings and planning!

What you need to know:

- The [Call for Abstracts](#) deadline is January 9th, 2017

Save the Dates! May 1-3, 2017 in Wichita, Kansas



A Moment in ITS Heartland History: 2016 Annual Meeting Keynote Address



John Corbin, FHWA, addressed the ITS Heartland assembly at our 2016 Annual Meeting in Des Moines, Iowa.

The [keynote addressed](#) several important topics in the industry including Automated Vehicles, Components of the Smart and Connected City, Infrastructure Modeling and Management, US DOT's strategic ITS plan and Automated Vehicle research. Thanks John for being our keynote!

[Savvy Weather Roads](#)

Wednesday, September 21, 2016 1:00 PM-2:30 PM CT

Weather events lead to traffic delays, reduced operational effectiveness, and increases in crashes. This innovation deploys two distinct road weather management solutions: (1) Pathfinder, which brings together DOTs and the National Weather Service to provide consistent messaging on adverse weather and road conditions and (2) advanced vehicle-based technologies, also referred to as integrated mobile observations.

[On-Board Transit Management Systems Pilot](#)

Wednesday, September 28, 2016 11:00 AM-1:00 PM CT

The purpose of this module is to provide details of on-board hardware and software standards. This module will help participants further understand those standards that support On-Board Transit Management functions for buses and how to procure the systems using these standards. Target audience includes transit agency technical staff, technology vendors, consultants and system specification writers.

[Automated Traffic Signal Performance Measures](#)

Thursday, September 29, 2016 1:00 PM-2:30 PM CT

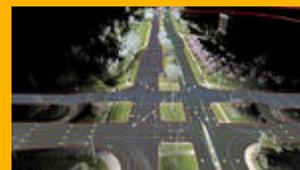
Highway agencies typically rely on complaints or manual data collection to identify the need for signal retiming projects and their outcomes. These projects are typically scheduled on a 3- to 5-year cycle, at a cost of approximately \$4,500 per intersection. That's where automated traffic signal performance measures come in. They will revolutionize the management of traffic signals by providing the high-resolution data needed to actively manage performance. High-quality service can be delivered to customers with significant cost savings to agency maintenance and operations.

[Application of Arterial Management / Transit Signal Priority Standards](#)

Friday, September 30, 2016 11:00 AM

Transit managers look at transit signal priority (TSP) as a potential tool to improve schedule adherence and service

Preparations for the Games and Self-Driving Cars



Tokyo is getting ready for the [2020 Summer Olympics and has promised](#) that their Olympics will be one of the most technologically impressive ever. Talk of self-driving cars hitting the roads has prompted the need to develop 3D maps - and Dynamic Map Planning is tasked with the effort. A joint venture, Dynamic Map Planning, hopes to have Japan's roads 3D mapped by 2020 in time for both the Olympics and the supposed start date for publicly available self-driving cars.

ITS America / Transportation Leaders Push to Keep Dedicated Short Range Communications



ITS America and other leaders in the intelligent transportation community have united to call on the FCC to [deny a request](#) for an emergency stay on the use of dedicated short range communications in the 5.9GHz spectrum band. "It is essential that the intelligent transportation revolution,

reliability as well as increase transit vehicle efficiency with minimal negative impacts to the full traffic network operations. This module will provide a use case on how transit signal priority was implemented in a connected vehicle environment. Target audience includes transit planning, operations and maintenance staff as well as traffic management operations staff, traffic procurement staff and transit ITS contractors and consultants.

powered in no small part by the 5.9GHz safety spectrum, continue." said Regina Hopper, ITSA president and CEO.



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Visit the ITS Heartland website at www.itsheartland.org

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