



# ITS Heartland 2017 Annual Meeting

WICHITA, KS | MAY 1-3, 2017  
HYATT REGENCY WICHITA

## Schedule at a Glance

### Monday, May 1st - Pre-meeting Events

Registration.....	7:30 am - 6:30 pm
National Traffic Incident Management (TIM) Training.....	8:30 am - 12:30 pm
Lunch.....	12:30 - 1:30 pm
9 <sup>th</sup> Annual ITS Heartland Operations Symposium-Part I.....	1:30 - 3:00 pm
Break.....	3:00-3:15 pm
9 <sup>th</sup> Annual ITS Heartland Operations Symposium-Part II.....	3:15 - 4:00 pm
ITS Heartland Board Meeting.....	4:30 - 5 :30 pm
Welcome Reception and Entertainment at the Hyatt.....	6:00 - 9:00 pm

### Tuesday, May 2nd - ITS Heartland Annual Meeting

Registration.....	7:00 am - 5:30 pm
Vendor Breakfast.....	7:30 - 8:30 am
Opening Session.....	8:30 - 9:30 am
Vendor Showcase.....	9:30 - 10:00 am
Student Poster Session and Refreshments.....	10:00 - 10:30 am
State ITS Updates.....	10:30 am - 12:00 pm
Lunch/Awards Ceremony.....	12:00 - 1:00 pm
TECHNICAL TOUR.....	1:00 - 2:30 pm
CONCURRENT SESSIONS.....	1:00 - 2:30 pm
Session 1 - Cooperte and Collaborate for Success	
Session 1A - Putting Data in the Driver's Seat	
Break.....	2:30-3:00 pm
CONCURRENT SESSIONS.....	3:00 - 4:30 pm
Session 2 - In it for the Long Haul - Best Practices in Asset Management	
Session 2A - In the Zone. Intelligent Work Zones	
Vendor Reception and Silent Auction.....	4:30- 7:00 pm

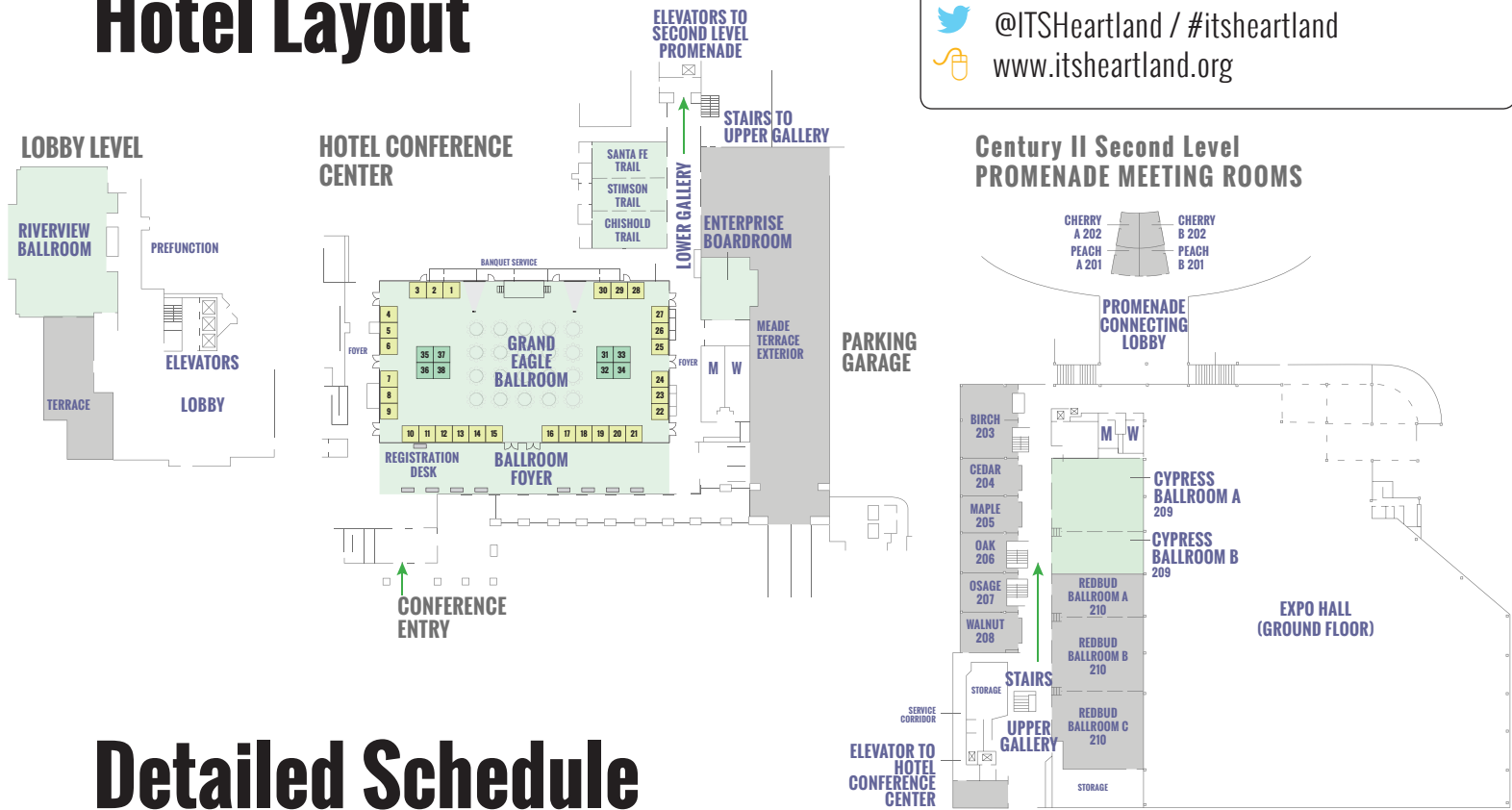
### Wednesday, May 3rd - ITS Heartland Annual Meeting

Registration.....	7:30 am - 12:00 pm
Breakfast and Business Meeting.....	7:30 - 8:30 am
Business Meeting.....	8:00 - 8:30 am
CONCURRENT SESSIONS.....	8:30 - 10:00 am
Session 3 - Innovate and Connect - The New Smart City	
Session 3A - Beyond the Signal - What's New in Traffic Management and Operations	
Break.....	10:00-10:30 am
CLOSING SESSIONS.....	10:30 am - 12:00 pm
Closing Address	
Update on MCOMP Grant and Regional Operations Forum Training Program	
Incoming ITS Heartland President's Remarks /Introduction of the Board of Directors	



Did you know?  
ITS Heartland has over 350 Members

# Hotel Layout



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## Detailed Schedule

### Monday, May 1st - Pre-Meeting Events

- REGISTRATION (Eagle Ballroom Foyer)..... 7:30 am - 6:30 pm**  
 Attendees are invited to stop by and pick-up their registration packets prior to attending Monday's event.
- National Traffic Incident Management (TIM) Training (Trail Rooms) ..... 8:30 am - 12:30 pm**  
 A coordinated, multi-disciplinary training program developed through the second Strategic Highway Research Program (SHRP2) for emergency responders and those supporting Traffic Incident Management operations.
- LUNCH (Riverview Ballroom) ..... 12:30 - 1:30 pm**  
 TIM Training and Operations Symposium attendees are invited to lunch.
- 9<sup>th</sup> Annual ITS Heartland Operations Symposium - Part I (Trail Rooms) ..... 1:30 - 3:00 pm**  
 Operations Working Group Roundtable Discussion - Join us for a 90-minute interactive session featuring a representative from each ITS Heartland state who works in the daily operations of their Traffic Operation Center. Topics will range from media interaction to signal operations.
- BREAK (Trail Rooms Foyer)..... 4:00 - 4:30 pm**
- 9<sup>th</sup> Annual ITS Heartland Operations Symposium - Part II (Trail Rooms) ..... 3:15 - 4:00 pm**  
 Regional Operations Forum Training Program - Update from Matt Volz (HDR) on the ITS Heartland TSM&O training program including tentative subject areas to be covered and schedule.
- ITS Heartland Board Meeting (Enterprise Boardroom) ..... 4:30 - 5:30 pm**
- Welcome Reception and Entertainment at the Hyatt (Riverview Ballroom) ..... 6:00 - 9:00 pm**  
 No need to leave the hotel. Join friends and colleagues for the exciting kick-off to the 2017 Annual Meeting. This networking event will include appetizers, drinks and entertainment.

### Tuesday, May 2nd - ITS Heartland Annual Meeting

- REGISTRATION (Eagle Ballroom Foyer)..... 7:30 am - 5:30 pm**  
 Attendees are invited to stop by and pick-up their registration packets prior to attending any sessions.
- VENDOR BREAKFAST (Eagle Ballroom) ..... 7:30 - 8:30 am**  
 Enjoy a nice breakfast buffet with the vendors. Student posters will be on display.
- Opening Session (Eagle Ballroom) ..... 8:30 - 9:30 am**  
**Moderator:** Tom Hein, ITS Heartland President, Kansas Department of Transportation  
**Keynote Address:** Patrick Son, Managing Director, National Operations Center of Excellence  
**A Message from ITS America:** Steven Bayless, VP - Regulatory Affairs and Public Policy, ITSA

## VENDOR RECEPTION & SILENT AUCTION

Tuesday  
4:30-7pm



Mingle, Drink, Eat, ELEVATE\*

➔ Help fund STUDENT SCHOLARSHIPS

## Tuesday, May 2nd Continued

**Vendor Showcase (Eagle Ballroom)** ..... 9:30 - 10:00 am

Vendors will introduce their product/service to the entire group.

**Student Poster Session and Refreshments (Eagle Ballroom)** ..... 10:00 - 10:30 am

Use your break to learn from students. View their posters and visit one-on-one.

**State ITS Updates (Eagle Ballroom)** ..... 10:30 am - 12:00 pm

Each state will provide an update regarding ITS accomplishments during the past year and planned deployments/products/operations in the near future.

**Moderator:** Tom Hein, ITS Heartland President, Kansas Department of Transportation  
Tim Simodynes, Iowa Department of Transportation  
Kristi, Kansas Department of Transportation  
Randy Johnson, Missouri Department of Transportation  
Austin Yates, Nebraska Department of Roads  
Alan Stevenson, Oklahoma Department of Transportation

**LUNCH/AWARD CEREMONY (Eagle Ballroom)** ..... 12:00 - 1:00 pm

**TECHNICAL TOURS (Meet at Registration Table)** ..... 1:00 - 2:30pm

Tour the WICHway Traffic Operations Center. Tour is **also** offered at 3:00 pm.

**CONCURRENT SESSIONS** ..... 1:00 - 2:30 pm

**Session 1 - Cooperate and Collaborate for Success (Cypress A)**

**Moderator:** Ron Hall, ITS Heartland State Director, Kansas DOT

- **MAASTO TPIMS - Multiple Pathways to Success for Multi-State Collaboration** - Davonna Moore, Kansas DOT and Chuck Miller, HNTB
- **Pilot Study: A Real-time Truck Parking Availability System for Kansas** - Ted Morris, University of Minnesota and Vassilios Morellas, University of Minnesota
- **Recent CARS Developments from the Heartland to the Headland** - Kristin Virshbo, Castle Rock Associates
- **Kansas City ICM "Light" Strategy** - Jennifer Russell, Garver and Ray Webb, Operation Green Light/MARC

2 TOUR  
TIMES

**Session 1A - Putting Data in the Driver's Seat (Cypress B)**

**Moderator:** Randy Johnson, ITS Heartland State Director, Missouri DOT

- **D Trip Data for Operations and Planning** - Nikola Markovic, UMD CATT Lab and Michael Pack, UMD CATT Lab
- **Practical Advice for Working with 3rd Party Data Providers like WAZE, HERE, INRIX and TomTom** - Michael Pack, UMD CATT Lab
- **Free MAP-21 Performance Monitoring and NPMRDS Analytics Tools that you can use today** - Nikola Ivanov, UMD CATT Lab and Michael Pack, UMD CATT Lab

**BREAK (Eagle Ballroom)** ..... 2:30 - 3:00 pm

**TECHNICAL TOURS (Meet at Registration Table)** ..... 3:00 - 4:30pm

Tour the WICHway Traffic Operations Center.

**CONCURRENT SESSIONS** ..... 3:00 - 4:30 pm

**Session 2 - In it for the Long Haul - Best Practices in Asset Management for ITS (Cypress A)**

**Moderator:** Kurt Roterling, ITS Heartland Secretary, Walter P. Moore

- **Kansas City Scout Copper Theft Prevention Technologies** - Gary Covey, KC Scout/MoDOT
- **ITS Network Documentation and Asset Management Best Practices** - Matthew McLaughlin, HDR and Ryan Klug, Olsson Associates
- **"MOMS" Know Best...Asset Management for ITS** - Lindsay Harris, Kansas City Scout and Nancy Powell, Kansas City Scout

**Session 2A - In the Zone. Intelligent Work Zones (Cypress B)**

**Moderator:** Henry Brown, ITS Heartland Academic Sector Director, University of Missouri

- **Work Zone Performance Monitoring Application** - Nikola Ivanov, UMD CATT Lab and Michael Pack, UMD CATT Lab
- **Model Systems Engineering for Integrating Arrow Boards with Traveler Info** - Dean Deeter, Athey Creek Consultants
- **The Swiss Army Knife of Intelligent Work Zones** - F. Todd Foster, Ver-Mac, Inc.

**VENDOR RECEPTION AND SILENT AUCTION (Riverview Ballroom)** ..... 4:30 - 7:00 pm

Unwind after a day of sessions at the not-to-be-missed event of the conference. Toast your friends with complimentary beer, wine, soft drinks and light appetizers. Visit with vendors and bid on auction items. Proceeds will help fund student scholarships. Auction items will be awarded by Heartland's very own, Man in a Shiny Blue Suit and Woman in a Shiny Red Dress.





View Student Posters Tuesday!

## Wednesday, May 3rd - ITS Heartland Annual Meeting

**REGISTRATION (Eagle Ballroom Foyer)**..... 7:30 am - 12:00 pm

Attendees are invited to stop by and pick-up their registration packets prior to attending any sessions.

**BREAKFAST & BUSINESS MEETING (Eagle Ballroom)**..... 7:30 - 8:30 am

The ITS Heartland business meeting is scheduled during breakfast starting at 8:00 am

**CONCURRENT SESSIONS**..... 8:30 - 10:00 am

### Session 3 - Innovate and Connect - The New Smart City (Cypress A)

**Moderator:** Matt Volz, ITS Heartland Treasurer, HDR

- **The Making of a Smart City** - Eric Plapper, HDR
- **Smart Pavement Pilot Project in Kansas City** - Tim Sylvester, Integrated Roadways
- **The What Works Cities Initiative - ITS Heartland Cities and their Experiences** - Sarah Doherty, Public Works, City of Olathe and TBD

### Session 3A - Beyond the Signal - What's New in Traffic Management and Operations (Riverview Ballroom)

**Moderator:** Ron Hall, ITS Heartland State Director, Kansas DOT

- **Traffic & The Cloud | Advances in Traffic Management Systems using Cloud Hosting** - Chris Bax, Cubic Transportation Systems
- **The Development of Wichita's Traffic Management Network** - Zach Hansen, SRF Consulting Group; Tom Hein, Kansas DOT; Brian Sovik, Data Transfer Solutions
- **Adaptive Traffic Signal Control** - West Des Moines' Experience - Jim Dickinson, City of West Des Moines, Iowa

**BREAK (Eagle Ballroom)**..... 10:00 - 10:30 am

**CLOSING SESSION (Eagle Ballroom)**..... 10:30 am - 12:00 pm

**Moderator:** Tom Hein, ITS Heartland President, Kansas Department of Transportation

- **Closing Address** - John Corbin, Federal Highway Administration
- **Update on MCOMP Grant and Regional Operations Forum Training Program** - Tim Simodynes, Iowa DOT and Matt Volz, HDR
- **Incoming ITS Heartland President's Remarks and Introduction of the Board of Directors** - Matthew McLaughlin, HDR



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## ITS HEARTLAND 2018 ANNUAL MEETING

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