

Intersections: Where Everyone Gets Together

The Intersections Joint Subcommittee (IJS) was established in January 2005 and is now sponsored by four TRB parent committees:

- *Operational Effects of Geometrics (AHB65)*
- *Geometric Design (AFB10)*
- *Access Management (AHB70)*
- *Safety Data, Analysis & Evaluation (ANB20)*

The objective of the IJS is to provide focus and a forum within the Transportation Research Board (TRB) on current issues dealing with the combined aspects of intersection safety, design, and operations. All users are of interest to this subcommittee. The goal is to engage the engineering and enforcement communities in a dialogue to share best practices and collaborative approaches for improving intersection safety.

A MESSAGE FROM THE IJS CO-CHAIRS

This was another active year for the Intersection Joint Subcommittee. We organized a podium session (#428) on Alternative Intersections for this coming TRB Annual Meeting and began planning efforts for a potential conference on Alternative Intersections in 2014. We also sponsored a workshop on geometric design at the 2012 mid-year meeting in Chicago. We now have four sponsor committees that provide us with a range of cross-cutting interests. As we look ahead to 2013, we want to identify topics and activities that span multiple committees in the area of intersections and continue to facilitate the exchange of knowledge and information among our membership. We encourage you to get involved! Please come to our subcommittee meeting on Tuesday evening of TRB, or simply drop us a line.

Sincerely,

Jeff Shaw and Brandon Nevers

Upcoming TRB 92nd Annual Meeting

TRB Meetings—Intersection Joint Subcommittee and Its Parent Committees		
Intersections Joint Subcommittee	Tues., Jan. 15, 7:30-9:30 PM	Marriott, Washington B3
Operational Effects of Geometrics (AHB 65)	Tues., Jan. 15, 1:30-5:30 PM	Marriott, Washington B5
Geometric Design (AFB10)	Tues., Jan. 15, 1:30-5:30 PM	Marriott, Washington B4
Access Management (AHB70)	Wed., Jan. 16, 8 AM-12 PM	Marriott, Wilson B & C
Safety Data, Analysis, and Evaluation (ANB20)	Tues., Jan. 15, 7:30-10 PM	Marriott, Harding

2013 IJS Meeting—Preliminary Agenda

Welcome and Introductions

IJS Working Group Progress Reports

- *Communications*
- *Program Planning*
- *Research Needs*
- *Alternative Intersections*

Featured Presentations

- *FHWA Highway Safety Information System (HSIS): Intersection Applications*
- *An Evaluation of the Impact of Intersection Angle on Safety*
- *FHWA Every Day Counts Initiative*

General discussion

Notable Intersection-Related Sessions at 2013 TRB Annual Meeting

<i>Alternative Intersections: Moving from New to Normal</i>	Mon., Jan. 14, 7:30-9:30 PM	Session 428 (lectern)
<i>Operational Performance due to Geometric Design Decisions</i>	Mon., Jan. 14, 4:15-6:00 PM	Session 405 (poster)
<i>Safety Implications of Highway Geometric Designs</i>	Mon., Jan. 14, 8:00-9:45 AM	Session 222 (lectern)
<i>Safety: Performance, Data, and New Advances</i>	Wed., Jan. 16, 8:30-10:15 AM	Session 724 (poster)

For all intersection-related activities at the 2013 Annual Meeting, search keyword “**intersection**” in the Annual Meeting Interactive Program (<http://pressamp.trb.org/aminteractiveprogram/Program.aspx>).

Select Current and Recent Intersection Initiatives

- *South Carolina Case Study: Systematic Intersection Improvements*
[\(http://safety.fhwa.dot.gov/intersection/resources/fhwas12021/\)](http://safety.fhwa.dot.gov/intersection/resources/fhwas12021/)
- *FHWA Every Day Counts, Intersection & Interchange Initiatives*
<http://www.fhwa.dot.gov/everydaycounts/edctwo/2012/geometrics.cfm>
- *NCHRP Report 707: Guidelines on the Use of Auxiliary Through Lanes at Signalized Intersections*
http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_707.pdf
- *FHWA Field Evaluation of a Restricted Crossing U-Turn Intersection*
<http://www.fhwa.dot.gov/publications/research/safety/hsis/11067/11067.pdf>
- *FHWA Signalized Intersections: Information Guide*
<http://www.fhwa.dot.gov/publications/research/safety/04091/index.cfm>
- *NCHRP Report 731: Guidelines for Timing Yellow and All-Red Intervals at Signalized Intersections*
<http://www.trb.org/Main/Blurbs/168017.aspx>

Upcoming Conferences and Symposiums

- 2013 ITE Technical Conference and Exhibit, March 3-6, 2013, San Diego, CA
- 2013 Midyear Meetings of Parent Committees, July 30 – August 1, 2013, Irvine, CA (*Tentative – to be further discussed at the 2013 TRB Annual Meeting*)

Where are we going from here?

- *Are you aware of any ongoing research and/or recent publications that contain useful intersection-related information of which others should be aware?*
- *Are you aware of any other upcoming conferences that will cover intersection-related issues?*
- *Is your committee interested in being a cosponsor in a potential future session or workshop?*

The goal of the IJS is to bring together the various activities related to intersections. We welcome all feedback and ideas and encourage you to get in touch with us.

**** IJS LEADERSHIP ****

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The opinions expressed in this newsletter are those of the authors and do not necessarily reflect the views of the Transportation Research Board or the National Academies.