



ACCESS MANAGEMENT

BALANCING ACCESS AND MOBILITY

Agenda

2015 Annual Meeting
TRB Access Management Committee (AHB70)
Research Subcommittee (AHB70(2))
Grant G. Schultz, Chair

Tuesday January 13, 2015
10:15 am – 12:00 pm, Marriott Marquis, Marquis Ballroom Salon 17
Washington, DC

- I. Welcome and Introductions
- II. Overview of Agenda and Pre-Meeting Activities
- III. Solicitation of Non-Agenda Items
- IV. Committee Role, Objectives, and Ways You Can Get Involved (PPT presentation)
- V. Overview and Discussion of Pre-Meeting Activities:
 - a. Status of Annual Meeting Sessions (Spotlight Theme – “*Corridors to the Future: Transportation and Technology*”):
 - i. Workshop 135: *Using the TRB Access Mgmt. Manual and Companion Tools*
 - ii. Session 351: *Best Papers from the 2nd Int'l Conference on Access Management*
 - iii. Session 473: *Impact of Access Management Research*
 - b. Call for Papers – Identify topic for a call to be considered for the 2016 Annual Mtg.
 - c. NCHRP and FHWA Funded Projects (refer to *Research Priorities* attachment)
 - d. NCHRP Synthesis Projects Submitted (refer to *Research Priorities* attachment) – next deadline February 2015 (anyone can submit)
 - e. NCHRP Research Projects Submitted (refer to *Research Priorities* attachment) – next deadline Sept. 2015 (Problem Statements needed by **July 20, 2015**)
 - f. Research Needs (refer to *Research Priorities* attachment)
- VI. Research Presentation – Project 07-23, *Access in the Vicinity of Freeway Interchanges* (Karen Dixon)
- VII. NCHRP Research Project Working Groups:
 - a. *Deceleration Rates and their Impact on Access Management* (Tom Hiles/Vergil Stover)
 - b. *Unsignalized Median Openings in Close Proximity to Signalized Intersections* (Chris Cunningham)
 - c. *Environmental Impacts of Access Management* (Stuart Samberg)
- VIII. Other Business of the Subcommittee
 - a. Next Subcommittee meeting to be held in conjunction with the 11th National Conference on Access Management in Seattle, WA (Sept. 21-24, 2015)
 - b. Other business?
- IX. Summary of Action Items (to be completed prior to the Mid-Year Meeting)
- X. Adjournment

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**TRB Access Management Committee (AHB70)
Research Subcommittee (AHB70(2))
Research Priorities**

NCHRP and FHWA Funded Projects (Published, Awarded, or Pending)				
Title	Project Number	Principal Investigator	Contractor	Completion Date
Guide for the Geometric Design of Driveways*	NCHRP 659	Jim Gattis	University of Arkansas	Published 2010
State of the Practice in Highway Access Management	NCHRP Synthesis 404	Jerry Gluck	Urbitran	Published 2010
Modeling Operating Speed*	TRC E-C151	Operational Effects Committee		Published 2011
Guidelines for Ramp and Interchange Spacing*	NCHRP 687	Brian L. Ray	Kittelson & Associates	Published 2011
Guidelines on the Use of Auxiliary Through Lanes at Signalized Int.*	NCHRP 707	Brandon Nevers	Kittelson & Associates	Published 2011
Transportation Systems Operation and Management Guide*	NCHRP 03-94	Steve Lockwood	PB Consult	Published 2011 <small>http://www.aashtosomguidance.org/</small>
Design Guidance for Channelized Right-Turn Lanes*	NCHRP 03-89	Ingrid Potts	Midwest Research Institute	Completed <i>(awaiting publication)</i>
Left-turn Accommodations at Unsignalized Intersections*	NCHRP 745	Kay Fitzpatrick	Texas A&M Transportation Institute	Published 2013
Development and Application of Access Management Guidelines	NCHRP 03-99	Karen Dixon	Oregon State University	December 2013 <i>(Publish in 2014)</i>
Evaluating the Performance of Corridors with Roundabouts*	NCHRP 03-100	Lee Rodegerdts	Kittelson & Associates	February 2013
Second Edition of the TRB Access Management Manual	NCHRP 15-43	Kristine Williams	University of South Florida	December 2013 <i>(Publish in 2014)</i>
Design Guidance for Intersection Auxiliary Lanes*	NCHRP 03-102	Kay Fitzpatrick	Texas A&M Transportation Institute	December 2013
Unsignalized Intersection Guide*	NCHRP 03-104	Hugh McGee	VHB	March 2014
Access Management in the Vicinity of a Freeway Interchange	NCHRP 07-23	Karen Dixon	Texas A&M Transportation Institute	December 2015
Estimating the Life-Cycle Cost of Intersection Designs*	NCHRP 03-110	Lee Rodegerdts	Kittelson & Associates	April 2015
Strategies to Reduce Agency Costs and Improve Benefits Related to Highway AM	NCHRP 25-47	TBD	TBD	TBD
Guidance for Traffic Signals at Diverging Diamond Interchanges and Adjacent Interchanges*	NCHRP 03-113	Chris Cunningham	North Carolina State University	June 2016
Multimodal Corridor Access Management Planning Methods, Guidelines, Best Practices, and Operational Impacts	NCHRP 03-120	TBD	TBD	TBD
Identifying and Managing Land Development Risks along State Highway Corridors*	Washington DOT	Mark Hallenbeck	University of Washington	July 2013
Access Management in the Vicinity of Modern Roundabouts*	Florida DOT	Ruth Steiner, Albert Gant	University of Florida, Florida International University	December 2013
Safety Evaluation of Access Management Policies and Techniques*	FHWA	Frank Gross	VHB	December 2013
Access Management International Practices*	South Carolina DOT	TBD	Clemson University	TBD

*Topic Submitted by another TRB Committee or another agency



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Projects with Completed Research Needs Statements to be Progressed						
Title	Project Number	General Subject Area	Development Lead	Champions	Potential Funding Mechanism	Submitted/Updated
Deceleration Rates and their Impact on Access Management (HIGH PRIORITY)	n/a	"Science" and Standards	Hiles, Stover	Layton, Cunningham, Dixon	NCHRP Project	In development; Submit in 2015?
Access Management Near Modern Roundabouts	n/a	"Science" and Standards	Demosthenes	Huntington, Bared	NCHRP Project	HOLD pending Florida DOT study
Access Management and Design Guidelines for Truck Routes	2016-C-11	"Science" and Standards	Williams	Eisele	NCHRP Project	Submitted in 2014
Understanding the Conflicts and Challenges of Access in the Autonomous Vehicle World	n/a	"Science" and Standards	Tom Hiles	Dixon, Hofrichter, Demosthenes	NCHRP Project	Needs to be developed
Unsignalized Median Openings in Close Proximity to Signalized Intersections (HIGH PRIORITY)	2016-G-12	"Science" and Standards	Cunningham	Stover, Sokolow, Demosthenes	NCHRP Project	Submitted in 2014
Measuring Quantity and Quality of Movement Functions for Various User Types	n/a	"Science" and Standards		Layton, Dixon, Samberg	NCHRP Project	In development
Access Management under Saturated Conditions	n/a	"Science" and Standards	Birnbaum	Layton, Samberg	NCHRP Project	HOLD pending 03-116
International Practice in Highway Access Management (HIGH PRIORITY)	n/a	"Science" and Standards	Psarianos	Williams	e-Circular	Review Draft at 2015 Annual Meeting
Best Practices for the Development of Small Sites Abutting Arterials	n/a	"Science" and Standards	Demosthenes	Strader	NCHRP Synthesis	Synthesis submitted 2014; rework for 2015 submittal
Measuring the Performance of Access Management Techniques in Light of MAP-21	n/a	"Science" and Standards	Eisele		NCHRP Synthesis	Synthesis submitted 2013; resubmit 2015?
The Criteria and Design of Turn Lanes for Retrofit versus Roadway Design	n/a	"Science" and Standards	Samberg	Stover	NCHRP Synthesis	In development; Submit in 2015?
Developing CMFs for Corridor Access Management (HIGH PRIORITY)	2016-C-12	Impacts	Schultz	Hopes, Laughlin, Brown, Benware	NCHRP Project	Submitted in 2014
Environmental Impacts of Access Management (Working Title) (HIGH PRIORITY)	n/a	Impacts	Samberg	Sokolow, Strader, Eisele, Wahlstedt, Williams, Demosthenes	NCHRP Project	Combine four environmental impact topics; Submit 2015?
Transportation Impact Mitigation Practices of State Transportation Agencies	n/a	Impacts		Williams, Strader	NCHRP Synthesis, ITE Planning Council	Resubmit 2014 (?)
Using Visualization to Communicate the Benefits of Access Management to the Public	n/a	Outreach	Broen	Manore, Pack, Gluck, Brown, Al-Ghandour	NCHRP Project	Needs to be developed
Best Practices in Public and Stakeholder Involvement in Access Management	n/a	Outreach	Cunningham	Schultz, Strader, Al-Ghandour, Benware	NCHRP Synthesis	Synthesis submitted 2013; resubmit 2015?