



Committee on Safety: technical publications and outreach activities

Stephen W. Read, P.E. Virginia DOT
ACS 20 Mid year Meeting July 30, 2021



Safety Management System Webinars



Network Screening Webinars (see [HighwaySafetyManual.org](https://www.highwaysafetymanual.org))

- Overview
 - Co-hosted with Kerry Wilcoxon of Arizona DOT in April
 - Presented innovative approaches by CT, FL, KS, KY, WY, IL, CO
 - Highlighted notable analysis and visualization approaches, data sources, and analysis methods
- Deeper Dive
 - June 30th more detailed descriptions and demonstrations from CO, CT, and FL

Safety Management System



- Most interest in Project Evaluation for next webinar
 - Coordinate with FHWA on practices
 - States interested in presenting their methods are to contact Kelly, Stephen, and Bonnie
- Submit interest in presenting other SMS related topics

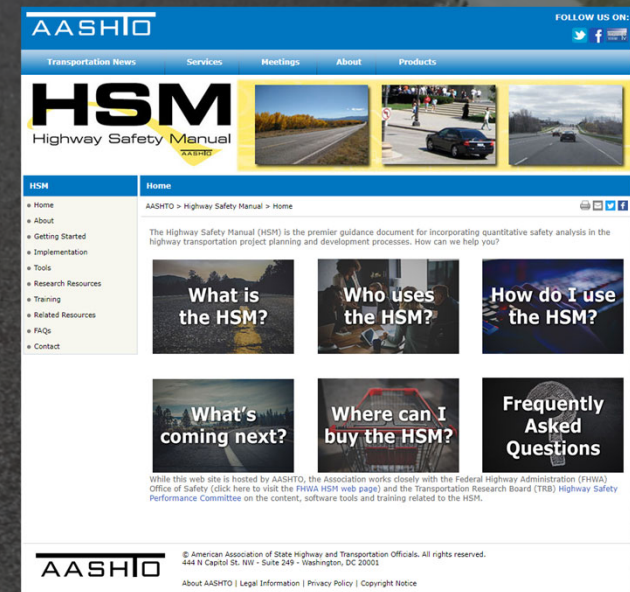
Planning Completed Research Webinars

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- States want webinars to introduce recently completed NCHRP projects
- To introduce newly available analysis approaches while the HSM2 publication is being developed
- Possible Topics will include:
 - Pedestrian/bicycle predictive modeling
 - New facility types predictive modeling
 - Systemic analysis methods
 - And more...

HSM Website Update

- Minor updates continue to be made to the HSM website
 - **Tools:** Urban/Suburban Arterials Predictive Spreadsheet updated in 2020
 - **Research Resources:** Page updated to include links to related NCHRP and FHWA research project pages



HSM Website Update

- HSM2 Overview slide deck
 - Describes what's coming in the HSM2, additions, changes
 - Lists new research which will be included in HSM2 and how to find the outcomes in the meantime
 - To be updated with new NCHRP 17-71A work plan
- Beginning plans to update the User Discussion Forum with User Liaison

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Available on the HSM website
(HighwaySafetyManual.org)



HSM2 17-71A On-going Support



- Reviewed previous materials to shape remaining work and 17-71A scope
- Added HSM Steering Committee individuals to 71A Panel
- Preparation for AASHTO HSM2 comments compilation

Future HSM2 Efforts



- Simplified review process
 - Stakeholder involvement in reviewing HSM2 materials was extremely valuable, hope to recreate
 - Limited review planned – with ACS20 volunteers
 - Reduce load and impact on project schedule
- Moving forward
 - 17-71A Panel, with HSM Steering Group input, will determine ACS20 and AASHTO reviewers and input requested

Future HSM Research Needs



HSM research:

- **NCHRP projects funded but beyond 17-71A HSM2 inclusion period**
- **Steering Comm discussed research needs and is requesting funds to look forward and develop a HSM roadmap**
- **Continue HSM research gap assessment with ACS20**

HSM2 Steering Committee and Tech Safety Publications Sub-Committee



Thank you to our dedicated Steering Group members!

Working to clarify longer term role and scope of committees

- Stephen Read, Chair (Virginia DOT)
- Bonnie Polin, Co-Chair (Massachusetts DOT)
- Dennis Emidy (Maine DOT)
- Brad Foley (Maine DOT)
- Jason Hershock (Pennsylvania DOT)
- Trey Jesclard (Louisiana DOT)
- Jason Siwula (Kentucky TC)
- Alan El-Urfali (Florida DOT)
- Trey Tillander (Florida DOT)
- Derek Troyer (Ohio DOT)
- John Milton (Washington DOT)
- Kelly Hardy (AASHTO)



Thank you.

Questions?

Stephen Read – Virginia DOT

stephen.read@vdot.virginia.gov

Bonnie Polin – Massachusetts DOT

bonnie.polin@state.ma.us

Kelly Hardy – AASHTO

khardy@ashto.org



Agenda

- Ongoing Outreach Activities
 - AASHTO- COS Sponsored Webinars
 - HSM Website Updates
- Future HSM2 Activities
 - HSM2 Development and Review Process
 - HSM - Related Research
 - HSM Steering and Sub-Committee Scope

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