

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



TRANSPORTATION RESEARCH BOARD

Committee on Safety Performance and Analysis Midyear Meeting



June 28 – 30, 2023
Beckman Center ~ Irvine, California

Sponsoring Committee
Committee on Safety Performance and Analysis (ACS20)

DAY ONE	Wednesday, June 28, 2023
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7:00 a.m.–8:00 a.m., *DINING ROOM / TERRACE*

Breakfast and Registration

8:00 a.m.–8:30 a.m., *AUDITORIUM*

Welcome, Meeting Overview and Objectives

- Welcome, Karen Dixon, Bernardo Kleiner

8:30 a.m.–10:00 a.m., *AUDITORIUM*

Update on Second Edition of AASHTO Highway Safety Manual and Related NCHRP Research

Moderator, Grant Schultz

- [NCHRP 17-71A](#), Proposed AASHTO Highway Safety Manual (HSM) Second Edition, Stephen Read and Darren Torbic (60 minutes)
- [NCHRP 20-123\(17\)](#), Highway Safety Manual Development and Roadmap, Karen Dixon (15 minutes)
- Highway Safety Manual Second Edition Discussion (15 minutes)

10:00 a.m.–10:20 a.m., *ATRIUM*

Break

10:20 a.m.–Noon, *AUDITORIUM*

Reports on Safety Related NCHRP Research

Moderator, Karen Dixon

- [NCHRP 07-29](#), Development of the 8th Edition of AASHTO's A Policy on the Geometric Design of Highways and Streets, Ingrid Potts (20 minutes)
- [NCHRP 17-104](#), Enhancement of Roadside Design Safety Prediction Models for the Highway Safety Manual, Raghavan Srinivasan (25 minutes)
- [NCHRP 22-45](#), Informing the Selection of Countermeasures by Evaluating, Analyzing, and Diagnosing Contributing Factors that Lead to Crashes, Ingrid Potts (25 minutes)
- [NCHRP 03-139](#), Next Generation of the USLIMITS2 Speed Limit Setting Expert System, Raghavan Srinivasan (30 minutes)

Noon– 1:00 p.m., *DINING ROOM / TERRACE*

Lunch

1:00 p.m.–2:50 p.m., *AUDITORIUM*

Reports on Safety Related NCHRP Research (continued)

Moderator, Jonathan Wood

- [NCHRP 17-86](#), Estimating Effectiveness of Safety Treatments in the Absence of Crash Data, Kristin Kersavage (30 minutes)
- [NCHRP 17-100](#), Leveraging Artificial Intelligence and Big Data to Enhance Safety Analysis, Venky Shankar (30 minutes)
- Moving Forward with Non-Traditional Safety Data (e.g., Crowdsourced, Mobile, Camera, and Connected Vehicle), Kim Kolody (50 minutes)

2:50 p.m.–3:10 p.m., *ATRIUM*

Break

3:10 p.m.–4:50 p.m., *AUDITORIUM*

Reports on Safety Related NCHRP Research (continued)

Moderator, Derek Troyer

- [NCHRP 17-97](#), Strategies to Improve Pedestrian Safety at Night, Rebecca Sanders (20 minutes)
- [NCHRP Report 1030](#), Safety at Midblock Pedestrian Signals, Kay Fitzpatrick (20 minutes)
- Developing Crash Modification Factors for Separated Bicycle Lanes - [Tech Brief](#), Karen Dixon (20 minutes)
- Improving Road Safety for All Users on Federal-Aid Projects - [RFI](#), Matt Hinshaw (40 minutes)

4:50 p.m.–5:00 p.m., *AUDITORIUM*

Day 1 Wrap-up

- Wrap-up, Karen Dixon, Bernardo Kleiner

5:00 p.m.–6:30 p.m., *ATRIUM*

Networking Reception

DAY TWO	Thursday, June 29, 2023
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7:00 a.m.–8:00 a.m., *DINING ROOM / TERRACE*

Breakfast

8:00 a.m.–8:30 a.m., *HUNTINGTON ROOM*

Welcome and Day Two Introductions

- Welcome, Karen Dixon

8:15 a.m.–10:00 a.m., *HUNTINGTON ROOM*

State Research Presentations

Moderator, Derek Troyer

- Arizona, Kerry Wilcox
- Oregon Cost Effectiveness Index (CEI) ([Highway Safety](#)), Christi McDaniel-Wilson
- Florida Sliding Window Analysis Parameters ([Website](#)), Dibakar Saha
- Calibrating the Highway Safety Manual Predictive Methods for Texas Highways, ([Report](#)) Karen Dixon
- [AASHTOWare Safety](#) powered by Numetric State Support, Danny Anderson

10:00 a.m.–10:20 a.m., *HUNTINGTON FOYER*

Break

10:20 a.m.–10:30 a.m., *HUNTINGTON ROOM*

Instruction for Research Breakouts

- Instructions and Room Assignments, Doug Harwood

10:30 a.m.–11:30 a.m., *HUNTINGTON ROOM, BALBOA ROOM, NEWPORT ROOM*

Research Breakouts

11:30 a.m.–Noon, *HUNTINGTON ROOM*

Report on Research Breakouts

Moderator, Doug Harwood

Noon– 1:00 p.m., *DINING ROOM / TERRACE*

Lunch

1:00 p.m.–2:50 p.m.

Subcommittee Meetings

- Safety Analytical Methods Subcommittee (ASC20(1)), Ida van Schalkwyk, *BALBOA ROOM*
- Safety Performance and Analysis User Liaison Subcommittee (ASC20(2)), Kim Kolody and Daniel Carter, *HUNTINGTON ROOM*

2:50 p.m.–3:10 p.m., *HUNTINGTON FOYER*

Break

3:10 p.m.–5:00 p.m.

Subcommittee Meetings

- Surrogate Safety Measures Subcommittee (ACS20(3)), Nicolas Saunier, *BALBOA ROOM*
- Pedestrian and Bicycle Safety Analysis (ACS20(4)), Thomas Jonsson, *HUNTINGTON ROOM*

4:50 p.m.–5:00 p.m., *HUNTINGTON ROOM*

Day 2 Wrap-up

- Wrap-up, Karen Dixon, Bernardo Kleiner

DAY THREE	Friday, June 30, 2023
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7:00 a.m.–8:00 a.m., *DINING ROOM / TERRACE*

Breakfast

8:00 a.m.–8:15 a.m., *HUNTINGTON ROOM*

Welcome and Day Three Introductions

- Welcome, Karen Dixon

8:15 a.m.–9:00 a.m., *HUNTINGTON ROOM*

Organizational Updates

- USDOT/FHWA Report, Carol Tan / Jerry Roche / Matt Hinshaw
- AASHTO Report, Kelly Hardy

9:00 a.m.–9:30 a.m., *HUNTINGTON ROOM*

TRB and NCHRP Updates

- TRB Staff Report/Section Update, Bernardo Kleiner
- NCHRP Update, TBD

9:30 a.m.–9:45 a.m., *HUNTINGTON FOYER*

Break

9:45 a.m.–9:55 a.m., *HUNTINGTON ROOM*

Business Meeting

- Welcome, Karen Dixon

9:55 a.m.–10:10 a.m., *HUNTINGTON ROOM*

Secretary and Communications Report

- Approval of meeting minutes, Derek Troyer
- Communications Report, Ida van Schalkwyk

10:10 a.m.–11:15 a.m., *HUNTINGTON ROOM*

Highway Safety Performance (ACS20) Committee Reports

- Subcommittee Updates, Subcommittee Chairs
- Status of Research Needs Statements, Doug Harwood
- Paper Review Update
- Paper Award Process

11:15 a.m.–11:45 a.m., *HUNTINGTON ROOM*

Committee Next Steps

- Planning for the 2024 TRB Annual Meeting (January 7-11, 2024)
- 2024 Midyear Meeting (to be held in Boston, MA in conjunction with the 13th National Conference on Access Management)

11:45 a.m.–Noon, *HUNTINGTON ROOM*

Other News

- Upcoming Events
- Reports from other Committees/Organizations
- Open Floor

Noon

Adjourn