

TAC MEETING 2023 AGENDA

FHWA Evaluation of Low-Cost Safety Improvements Pooled Fund Study
2023 Technical Advisory Committee Meeting (July 31 and August 7, 2023)

(LISTED TIMES FOR PRESENTATIONS INCLUDE Q&A)

July 31, 2023

DAY 1 (4h) – 11:00 AM Eastern / 10:00 AM Central / 8:00 AM Pacific

Welcome and Mission (10 minutes)

Introduction of Kelly Regal (Carol Tan, Team Leader, Safety Data & Analysis, FHWA)

Kelly Regal (Associate Administrator for Research, Development, and Technology, Director of Turner-Fairbank Highway Research Center, FHWA) (5 min)

Introductions (All Organizers/FHWA, 10 minutes)

Overview of TAC Meeting (Marcus Brewer and Stephanie Ferguson, TTI) (5 min)

Overview of ELCSI Pooled Fund Study, and General Report (Carol Tan, FHWA) (5 min)

Topic 1: Development of CMFs and SPFs (60 minutes) (11:20 am Eastern / 10:20 am Central / 8:20 am Pacific)

- NCHRP 17-104, Enhancement of Roadside Design SPFs (Raghavan Srinivasan, HSRC) (15 min)
- NCHRP 22-45, Selection of Countermeasures by Analyzing Contributing Factors (Ingrid Potts/Darren Torbic, TTI) (15 min)
- Calibrating the Highway Safety Manual Predictive Methods for Texas Highways (Srinivas Geedipally, TTI) (15 min)
- Update on Ongoing Phase XIII / 5CMF Project (Kay Fitzpatrick, TTI) (5 min)

General Discussion and FHWA announcements (10 min)

BREAK (5 minutes)

Topic 2: Pedestrians and Bicycles (60 minutes) (12:25 pm Eastern / 11:25 am Central / 9:25 am Pacific)

- Improving Road Safety for All Users on Federal-Aid Projects (Phil Bobitz / Matt Hinshaw, FHWA) (15 min)
- NCHRP Report 1030, Safety at Midblock Pedestrian Signals (Kay Fitzpatrick, TTI) (15 min)

- Developing CMFs for Separated Bike Lanes (Karen Dixon, TTI) (15 min)

General discussion and FHWA announcements (15 minutes)

LUNCH BREAK (30 minutes) (1:25 pm Eastern / 12:25 pm Central / 10:25 am Pacific)

Topic 3: Non-Traditional Sources of Data (60 minutes) (1:55 pm Eastern / 12:55 pm Central / 10:55 am Pacific)

- Moving Forward with Non-Traditional Safety Data (Kim Kolody, Jacobs) (15 min)
- NCHRP 17-86, Estimating Effectiveness of Safety Treatments in the Absence of Crash Data (Kristin Kersavage, VHB) (15 min)

General discussion and FHWA announcements (15 minutes)

Day 1 Wrap-up discussion and summary of day (5 min) (2:55 pm Eastern / 1:55 pm Central / 11:55 am Pacific)

August 7, 2023

DAY 2 (4 h) – 11:00 AM Eastern / 10:00 AM Central / 8:00 AM Pacific

Welcome Back/Recap of Day 1 (5 minutes)

Topic 4: Wrong-Way Driving (60 minutes) (11:05 am Eastern / 10:05 am Central / 8:05 am Pacific)

- NCHRP 3-135: Wrong-Way Driving Solutions, Policy, and Guidance (Hugo Zhou, Auburn University) (15 min)
- Caltrans Pilot Projects for WWD on Freeways (Troy Bucko, Caltrans) (15 min)
- Wisconsin WWD Systems (Kevin Scopoline, WisDOT) (15 min)

General discussion and FHWA announcements (15 minutes)

Break (5 minutes)

Topic 5: Speed, Feedback Signs, and Other Innovative TCD (60 minutes) (12:10 pm Eastern / 11:10 am Central / 9:10 am Pacific)

- Speed Feedback Signs on Freeway Ramps (Shakir Mahmud, Michigan State University) (15 min)
- Managing Speeds in Critical Highway Contexts using Speed Feedback Signs (Tim Gates, Michigan State University) (15 min)
- Developing Speed Crash Modification Factors (CMF) using SHRP2 Roadway Information Database (RID) (Subasish Das, Texas State University) (15 min)

General discussion and FHWA announcements (15 minutes)

LUNCH BREAK (30 minutes) (1:10 pm Eastern / 12:10 pm Central / 10:10 am Pacific)

Topic 6: Emerging Topics, Challenges, and Noteworthy Practices (60 minutes) (1:40 pm Eastern / 12:40 pm Central / 10:40 am Pacific)

- An Analysis of Freeway Crashes during COVID (Subasish Das, Texas State University) (15 min)
- MIRE FDE (Sarah Weissman Pascual, FHWA) (15 min)
- Arizona Research Update (Kerry Wilcoxson, AZDOT) (15 min)

General discussion and FHWA announcements (15 minutes)

Peer Exchange (Karen Scurry, FHWA) (30 minutes) (2:45 pm Eastern / 1:45 pm Central / 11:45 am Pacific)

Closing Items (15 minutes) (3:15 pm Eastern / 2:15 pm Central / 12:15 pm Pacific)

- TAC Input Form, 2 min
- Remarks by Carol Tan, 5 min
- Discussion on Future Directions, 5 min
- CEUs and Other Follow-up, 3 min

Adjourn