

TAC MEETING 2022 AGENDA

FHWA Evaluation of Low-Cost Safety Improvements Pooled Fund Study
2022 Technical Advisory Committee Meeting (May 25-26, 2022)

(LISTED TIMES FOR PRESENTATIONS INCLUDE Q&A)

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

Welcome and Mission (10 minutes)

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

Roya Amjadi (Program Manager, Development of Crash Modification Factors, FHWA) (5 min)

Introductions (All Organizers/FHWA, 10 minutes)

Overview of TAC Meeting (TTI) (5 min)

Overview of ELCSI Pooled Fund Study, and General Report (Roya Amjadi, FHWA) (5 min)

Topic 1: Roadway Departure, Horizontal Curves, and Delineation (60 minutes) (11:20 am Eastern / 10:20 am Central / 8:20 am Pacific)

- FHWA Resources for TAC members (Cate Satterfield, FHWA). (10 min)
- Montana's Statewide Centerline Rumble Strip Approach (Traditional and Sinusoidal/Mumble) (Tricia Burke, MDT) (10 min)
- Mumble strips (Mark Bott, MDOT) (10 min)
- Arkansas Experience with Mumble Strips and Evaluation (Hunter Lipton, ARDOT) (10 min)

Panel Discussion: State DOT Roadway Departure Efforts (20 minutes)

- Tricia Burke, MDT
- Mark Bott, MDOT
- Hunter Lipton, ARDOT
- Erika Simple, ARDOT

BREAK (5 minutes)

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

- Completed Study on Bicycle Treatments at Intersections (Raul Avelar, TTI) (10 min)

- Complete Streets Policy and Guide to Implementation in MN (Derek Leuer, MnDOT) (10 min)
- Ongoing ELCSI-PFS evaluation: Innovative Intersection Designs (Kay Fitzpatrick, TTI) (10 min)
- Vulnerable Road Users Research Plan. (Laura Mero & Brian Philips, FHWA) (10 min)

Roundtable discussion (20 minutes)

- Vulnerable Users in the BIL
- Other topics as time permits

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

Topic 2 (continued): Pedestrians and Bicycles (10 minutes) (1:55 pm Eastern / 12:55 pm Central / 10:55 am Pacific)

- Complete Streets (James Pol / Barbara McCann, FHWA Office of Safety) (10 min)

Topic 3: State Evaluations (50 minutes) (2:05 pm Eastern / 1:05 pm Central / 11:05 am Pacific)

- Safety Effectiveness of Reconfiguring Roundabouts (David Swenka, CDOT) (10 min)
- Safety Effectiveness of Overhead Intersection Flashing Beacons (Srinivas Geedipally, TTI) (10 min)

Roundtable Discussion (30 minutes)

- What tools are you using to evaluate treatments? More specifically, are you performing risk-based analysis or benefit-cost analysis to decide where to place treatments?
- Safe systems and its effect on HSIP programs
- Experience, practice, and follow-ups of HSIP implementation plans
- Other topics as time permits

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

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: Intersections (60 minutes) (11:05 am Eastern / 10:05 am Central / 8:05 am Pacific)

- Completed ELCSI-PFS evaluation: Mini Roundabouts (Raul Avelar, TTI) (10 min)
- Mini Roundabout Evaluation by NCDOT (Srinivas Pulugurtha, UNC Charlotte) (10 min)
- An Integrated Intelligent Intersection Control System (III-CS) for Safety Improvement and Delay Minimization (Sung Yoon Park, MDOT & Yen-Hsiang Chen, University of Maryland) (10 min)
- Completed ELCSI-PFS evaluation: Wrong-Way Driving Countermeasures (Raul Avelar, TTI) (10 min)

Roundtable Discussion (20 minutes)

- Rural WWD crashes
- Other topics as time permits

Break (5 minutes)

Topic 5: Speed Management (60 minutes) (12:10 pm Eastern / 11:10 am Central / 9:10 am Pacific)

- Speed Management in MN (Derek Leuer, MnDOT) (10 min)
- Evaluation of Raising Speed Limits from 55 to 60 mph in Minnesota (Derek Leuer, MnDOT) (10 min)
- South Dakota Evaluation of Radar Speed Feedback Signs (Dustin Witt, SDDOT) (10 min)
- Right-Turn Speed and CMFs for Intersection Corner Radius (Kay Fitzpatrick, TTI) (10 min)

Roundtable Discussion (20 minutes)

- Operational effects of lane width reduction
- Effects of lane width reductions on speed and crashes
- Other topics as time permits

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

Topic 6: Emerging Topics, Challenges, and Noteworthy Practices (40 minutes) (1:35 pm Eastern / 12:35 pm Central / 10:35 am Pacific)

- Systemic treatments Deployed in VA Leveraging HSIP funds (Stephen Read VDOT) (10 min)
- Safe by Design: Recently developed Safety Tool for Designers (Robert Wunderlich, TTI) (10 min)

Roundtable discussion: (20 minutes)

- Implementing local road safety plans
- A new way to approach public engagement

Peer Exchange (Karen Scurry, FHWA) (30 minutes) (2:15 pm Eastern / 1:15 pm Central / 11:15 am Pacific)

Closing Items (15 minutes) (2:45 pm Eastern / 1:45 pm Central / 11:45 am Pacific)

- **TAC Input Form**
- **Roya Amjadi, 5 min**
- **Discussion on Future Directions**
- **CEUs and Other Follow-up**

Adjourn