



TRANSPORTATION SAFETY SUBCOMMITTEE

Tuesday, September 22, 2026
1:00 - 3:00 P.M.
In-Person/Hybrid

Chair: Christine Baker, Arlington County Vision Zero

AGENDA

12:30 P.M. 1. LUNCH

1:00 P.M. 2. WELCOME & INTRODUCTIONS
Christine Baker, Arlington County Vision Zero

1:10 P.M. 3. INNOVATIVE APPROACHES TO NETWORK-WIDE PROJECT PRIORITIZATION
Alex Webb, DDOT

Mr. Webb will highlight how DDOT is leveraging emerging data sources and analytical techniques, including predictive risk modeling, data applications, and principles of kinetic energy to support project prioritization based on future crash risk.

1:30 P.M. 4. LEVERAGING BIG DATA TO SUPPORT PEDESTRIAN AND BICYCLE SAFETY PLANNING
Bryan Barnett-Woods, Principal Transportation Planner, City of Rockville

Mr. Barnett-Woods will present the findings, data, and recommendations from a recent Bicycle and Pedestrian Study that incorporates emerging data sources, including near-miss, speed, and count data to better understand safety conditions and identify improvement opportunities.

1:45 P.M. 5. CRASH DATA EVOLUTION AND PROACTIVE SAFETY ANALYSIS
Laura Castro, Vision Zero Principal Planner, Arlington County
Jane Selander, Vision Zero Data Analyst, Arlington County

Ms. Castro and Ms. Selander will share lessons learned from Vision Zero's evolving approach to crash data analysis and discuss how it's advancing toward more proactive, systemic safety planning. The Vision Zero team will also highlight corridor prioritization efforts, risk-based decision-making tools, and potential application of conflict detection data to support safety investments.

2:00 P.M. 6. USING CRASH DATA TO SUPPORT PEDESTRIAN AND BICYCLE BEHAVIORAL SAFETY STUDY

Michael Jackson, Active Transportation Planner, Prince George's County

Mr. Jackson will discuss how crash data is being used to support an ongoing pedestrian and bicycle behavioral study and the insights it provides into active transportation safety. The presentation will also highlight challenges related to accessing crash report narratives and other data needed to better understand crash circumstances, contributing factors, and road user behavior.

2:15 P.M. 7. EXPLORING MARYLAND CRASH DATA DASHBOARDS

Doug Mowbray, Traffic Records Program Manager, Maryland Highway Safety Office, MDOT

Mr. Mowbray will provide an overview of a few dashboards available on MDOT's website as well as a review of some internal dashboards and ones that are under development. A brief overview of best practices will be shared on how to download and work with crash data from the Maryland Department of State Police.

2:35 P.M. 8. DISCUSSION AND ROUND TABLE UPDATES

- How are jurisdictions using crash data to prioritize proactive versus responsive safety investments?
- What platforms, tools, or dashboards are jurisdictions using to access, analyze, and visualize crash data?
- How are jurisdictions using crash and supplementary data sources to support proactive safety planning and infrastructure investment decisions?
- What data gaps or barriers continue to limit the ability to conduct effective safety analysis, and how are agencies working to address them?
- Looking ahead, what emerging tools or analytical approaches are jurisdictions most interested in exploring?

3:00 P.M. 9. ADJOURN

The next meeting will be held virtually on December 8, 2026 at 1 P.M.