

TRAFFIC SIGNAL SUBCOMMITTEE

Thursday, May 19, 2022

10:00 – 11:30 A.M.

ONLINE

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AGENDA

1. WELCOME AND INTRODUCTIONS

2. APPROVAL OF PREVIOUS MEETING MINUTES

3. SIGNAL TIMING FOR VISION ZERO IN MONTGOMERY COUNTY (20 min.)

Mr. Kamal Hamud, Manager, Transportation Systems Engineering, will provide an overview of Vision Zero policies and guidelines related to signal operations.

4. SIGNAL TIMING FOR PEDESTRIANS AND BICYCLISTS: HIGHLIGHTS FROM NCHRP REPORT 969 (20 min.)

Dr. Burak Cesme, Kittelson & Associates, will brief the committee on new performance measures for pedestrians and cyclists based on the [NCHRP Research Report 969](#). Traffic signal timing is traditionally developed to minimize vehicle delay at signalized intersections. This often results in degraded safety and mobility for pedestrians and bicyclists. This research developed new performance measures for pedestrians and cyclists and a toolbox of treatments at signalized intersections to improve pedestrian and bicyclist experiences by elevating safety considerations, reducing their delay, and enhancing accessibility. It describes two performance measures and 28 unique treatments to make intersections friendlier for pedestrians and cyclists.

6. INRIX 2021 US SIGNALS SCORECARD (20 min.)

The INRIX 2021 U.S. Signals Scorecard expands upon the initial [U.S. Signals Scorecard](#), the first and only systemic nationwide analysis of individual traffic signal performance. Mr. Rick Schuman, Vice President, INRIX, will provide an overview, with a specific focus on Maryland and the Baltimore region. Mr. Ben Myrick, MDOT-SHA, will provide a state/regional perspective on the report card.

7. AGENCY UPDATES (10 min.)

- State and local jurisdiction updates

Next Meeting – August 18, 2022, 10 – 11:30 AM, Centennial Park, Howard County (tentative)

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