The Metropolitan Planning Organization for the Baltimore Region

TRAFFIC SIGNAL SUBCOMMITTEE
Thursday, June 7, 2018
Centennial Park, Pavilion E, Howard County

MINUTES

1. SMART SIGNALS

Mr. Bo Zhou, the new, incoming chair of the Signal Subcommittee, welcomed everyone to the first meeting of the group in 2018. Mr. Bala Akundi thanked Mr. Craig Hinners with Howard County DPW for reserving the pavilion and for making time to attend the meeting despite his busy schedule as a result of the recent flooding in Ellicott City and the ongoing receovery efforts. Several others, including the outgoing chair Mr. Ben Myrick could not attend as a result of last minute schedule conflicts.

2. HAWKEYE RADAR TECHNOLOGY

Mr. Mark Sullivant, Rhythm Engineering, described their latest product, HAWKEYE, which uses new and evolved radar technology that can accurately detect vehicles with near 100 percent accuracy. The radar cannot only detect vehicles at the stop bar, but also about 1,000 feet away from the stop bar. The radar can also track and classify vehicles through individual lanes. For more information, contact Mr. Sullivant.

[Handout: HAWKEYE Catalog]

3. REGIONAL SIGNAL SYSTEMS UPDATES

The discussion centered on how the state and local jurisdictions are setup for real-time notification of signal controller alerts for things like detector faults, flashing signals, etc. and what kinds of communications technology (cellular, modem, twisted pair) was being used. In Howard County, detection failure messages are sent back to the control center.

Mr. Woody Hood (SWA) informed the committee about the inspection work they have been doing for some of the local jurisdictions and finding a lot of deterioration in base plates, anchor bolts, and other signal equipment that is below ground. Montgomery County has developed a GIS database that includes a photo inventory of their equipment. Mr. Matt Allen (WMA) noted

that federal funds are available to jurisdictions for asset management and that some counties are starting to take advantage of the available funds.

Ms. Sandi Dunmyer (TS&T) noted that they are partnering with Econolite to bring a new Autoscope vision product to the market. Mr. Rick Dunmyer (Econolite) provided details on the new HIDEF video detection system. For more information, please contact Ms. Dunmyer or Mr. Dunmyer.

The next meeting is tentatively scheduled for October 25, 2018.

ATTENDANCE

Chris Letnaunchyn, Carroll County DPW
Craig Hinners, Howard County DPW
Eddie Bostic, Century Engineering, Inc.
Nick Doyle, Century Engineering, Inc.
Sandi Dunmyer, TS &T
Rick Dunmyer, Econolite
Woody Hood, SWA
Matt Allen, Wallace, Montgomery & Associates
Bob Evans, Wallace, Montgomery & Associates
Dilip Patel, MDOT SHA/OOTS
Bo Zhou, Anne Arundel County DPW
Charlie Wang
Mark Sullivant, Rhythm Engineering
Bala Akundi, Baltimore Metropolitan Council