



## **Aviation Technical Subcommittee Highlights of the November 17, 2022 Meeting**

### **Meeting Participants:**

- Shawn Ames (MAA)
- Jeff Breeden (FAA)
- Kevin Clarke (MAA)
- Mark Rawlings (DDOT)
- Robert Samis

### **TPB Staff:**

- Tim Canan
- Kenneth Joh
- Nicole McCall
- Zhuo Yang

### **1. WELCOME, INTRODUCTIONS, AND APPROVAL OF HIGHLIGHTS FROM PREVIOUS MEETING (SEPTEMBER 22, 2022)**

Mr. Clarke of the Maryland Aviation Administration (MAA) called the meeting to order at 10:30 A.M. The meeting was conducted virtually by Microsoft Teams teleconference. The Subcommittee approved the highlights of the previous meeting, held September 22, 2022, as written.

### **2. STAFF ANNOUNCEMENTS**

Mr. Canan also informed the Subcommittee that recruitment for a regional airport systems planner is continuing.

### **3. 2023 AVIATION TECHNICAL SUBCOMMITTEE CHAIR DISCUSSION**

Mr. Canan reminded the Subcommittee that the chair leadership of the Subcommittee rotates among the District of Columbia, the State of Maryland, and the Commonwealth of Virginia on calendar year basis. The new chair for 2023 would be from Virginia per the schedule. Gil Neumann of MWAA agreed to serve as the 2023 chair of the Subcommittee and was approved by the Subcommittee.

### **4. PROPOSED 2023 AVIATION TECHNICAL SUBCOMMITTEE MEETING SCHEDULE**

The Subcommittee approved the proposed 2023 meeting schedule.

### **5. 2023 WASHINGTON-BALTIMORE REGIONAL AIR PASSENGER SURVEY ACTIVITIES**

Ms. McCall and Dr. Joh jointly delivered a presentation to the Subcommittee, focusing on highlights of recent and upcoming activities and providing analysis and recommendations for sampling methodology for the 2023 Washington-Baltimore Regional Air Passenger Survey (APS). Ms. McCall informed the Subcommittee that the 2023 APS pre-test is scheduled for spring 2023 and will occur at Washington-Dulles International Airport (IAD). Following the pre-test, staff will review the results and lessons learned and implement any needed adjustments in the full-scale

survey to be conducted fall 2023. Staff intends to use COG's on-call transportation planning services contractor to support these activities. The survey will include electronic data collection and offer a participation incentive, among other enhancements.

Dr. Joh reviewed analysis of sampling methodologies and considerations. To conduct this analysis, staff considered the findings from COG's Air Passenger Survey Response Rate and Quality study, other airport surveys, previous surveys conducted by COG, and specifically the 2019 Air Passenger Survey sampling documentation and strata. Based on the analysis, staff identified opportunities to streamline and simplify sampling methodologies to be used in the 2023 APS. Next steps will include running sample draws using revised survey data; completing the sampling plan and pull for the spring 2023 pre-test; revising the sampling plan and methodology based on results from pre-test; and performing the sample draw for the full-scale survey to be conducted in fall 2023.

There was discussion to clarify how the hospitality location quotient was a big factor for why the sample size was reduced. This conclusion resulted from extensive review of prior COG surveys and related documentation.

## **6. FUTURE CASP PROJECTS AND THE AIRPORT CAPITAL IMPROVEMENT PROGRAM**

Mr. Canan presented a Draft Airport Capital Improvement Program (ACIP) funding table for the upcoming annual ACIP submittal to the Federal Aviation Administration (FAA). The table covered a 5-year funding period ending in 2027. In addition to the projects undertaken as part of the CASP planning cycle (e.g. Process Air Passenger Survey, Prepare Ground Access Forecast Updates, etc.), he also noted other projects that are not undertaken as frequently. These included ground access travel time updates as well as updating the air cargo element of the Regional Air System Plan (RASP). He did note that there was an opportunity to consider a new project in the final year, 2027, of the program and he asked Subcommittee members if they had any project ideas to be considered. Several ideas included looking at topics such as urban air mobility (UAM), infrastructure electrification, or mobility technology through phone-based apps through a regional perspective. Staff could also consider using ACIP resources to conduct longitudinal analysis of past regional air system planning studies.

Mr. Canan concluded the discussion informing the Subcommittee that the next steps for the ACIP will be to finalize the draft and submit the ACIP to FAA in early 2023.

## **7. ROUNDTABLE DISCUSSION**

No discussion.

## **8. OTHER BUSINESS**

None.

## **9. ADJOURN**

The meeting was adjourned. The next Subcommittee meeting is scheduled for Thursday, January 26, 2023 from 10:30 A.M. – 12:00 P.M. via Microsoft Teams. (Note: The January meeting was subsequently cancelled and next the Subcommittee meeting will be held in March)