

Minutes of the  
Oahu Metropolitan Planning Organization  
**TECHNICAL ADVISORY COMMITTEE**  
August 14th, 2020  
Virtual Meeting hosted on Microsoft Teams

**Members Present:**

<b>Name</b>	<b>Agency</b>	<b>Voting Rights</b>	<b>Present</b>
Rachel Roper	HDOT	Yes	X
Masatomo Murata	HDOT	Yes	X
Jorge Felix (Vice Chair)	HART	Yes	X
Ben Treviño	HART	Yes	X
Marian Yasuda	DTS	Yes	X
Eric Stoetzer	DTS	Yes	
Dina Wong	DPP	Yes	X
Andy Yamaguchi	DPP	Yes	
Joseph Roos	DBEDT	Yes	X
Ruby Edwards	OP	Yes	X
Kimberly Evans	FAA	Yes	X
Ted Matley	FTA	No	
Kyle Oyasato	DFM	No	
Gareth Sakakida	HTA	No	
Tim Trang	DDC	No	
Amy Ford-Wagner	FHWA	No	X

**Guests Present:** Susan Uejo (HDOT), Richard Wollenbecker (HDOT), Rick Donnelly (WSP), Kyle Ward (Caliper)

**OahuMPO Staff Present:** Alvin Au, Roni Schack, Zakari Mumuni, Nicki Smith, Tori Treviño, Joel Vincent, Samantha Lara, Kiana Otsuka, Nicole Cernohorsky

The meeting was properly noticed in accordance with State law.

**I. CALL TO ORDER**

Vice Chair Jorge Felix called the meeting to order at 9:02 am.

**II. ROLL CALL**

Vice Chair Felix took roll call by reading out the list of attendees in the meeting as noted in the Teams program.

### **III. APPROVAL OF THE JULY 10TH MEETING MINUTES**

Vice Chair Felix requested members review the minutes which were emailed in advance of the meeting.

A motion was made by Marian Yasuda and seconded by Joseph Roos to approve the minutes as presented. There were no further discussions, abstentions, or objections and the minutes were approved as presented.

### **IV. REPORTS**

#### **A. Executive Director**

Director Au reported that OahuMPO had written to the State Senate President Ron Kouchi requesting that he appoint a Senator to the OahuMPO Policy Board to fill the seat vacated by the passing of Policy Board Chair Senator Breene Harimoto.

Director Au noted that the FY2020 Single Audit will begin actively in August. OahuMPO and HDOT's Business Office have begun gathering documents for the audit firm.

Director Au stated that TAC members were forwarded a survey on Monday, August 10<sup>th</sup>, from the National League of Cities Transportation Infrastructure Committee. Director Au asked members to take the survey before the August 20<sup>th</sup> deadline.

The OahuMPO staff recently held working group meetings on modeling and on the Congestion Management Process.

The Policy Board met on July 28<sup>th</sup> and approved the FFYs 2019-2022 TIP Revisions #12 and #13. The CAC did not meet in August and the September meeting has been cancelled.

The Executive Director's Report can be viewed at: [https://www.oahumpo.org/?wpfb\\_dl=1942](https://www.oahumpo.org/?wpfb_dl=1942)

### **V. OLD BUSINESS**

There was no old business to conduct.

### **VI. NEW BUSINESS**

#### **A. Land Use Update for ORTP 2045**

Nicole Cernohorsky introduced OahuMPO's modeling consultants, Rick Donnelly and Kyle Ward to give the presentation.

Rick Donnelly introduced the travel demand forecasting model, including the types of data used as inputs. Mr. Donnelly highlighted the traditional, current and emerging uses of transportation models as well as the main sources of forecasting errors.

Mr. Donnelly then showed a flow chart for planned model integration. In this chart DBEDT forecasts along with land use plans and inventories, population census, and employment data

are used as inputs for the UrbanSim model, and the output, socioeconomic data on households and businesses, is an input into OahuMPO's regional travel model. In addition, visitor data, household and transit survey data and multimodal network data is input directly to the travel model. This process results in the forecast which forms the basis for OahuMPO's long range plan.

In another flow chart, Mr. Donnelly demonstrated the current approach being taken, which includes a work around for the socioeconomic forecast that would normally be provided by the UrbanSim model. This work around is necessary due to the absence of current land use data, needed for the UrbanSim model, from the Department of Planning & Permitting (DPP). For the work around, OahuMPO modeling consultants made manual adjustments to the 2040 population and employment forecast data based on DBEDT's 2045 forecast.

Mr. Donnelly noted that the land use work around being used for the 2045 forecast is possible because growth between 2040 and 2045 is slow. He noted that 15-20% of MPOs regularly use the growth factoring method that OahuMPO is using as a work around. Mr. Donnelly ended by noting that OahuMPO will encounter difficulties updating the travel forecasting model and creating reliable forecasts if land use data is not available for the 2050 ORTP.

Nicole Cernohorsky provided some context to Mr. Donnelly's presentation by explaining that this work around is being used for the model that OahuMPO will use to evaluate proposed projects and programs for the ORTP 2045.

Rachel Roper inquired about model validation and Mr. Donnelly responded that the socio-economic forecast is self-validating with a lot of controlled totals. OahuMPO's process meets DBEDT's age projections. Validation processes of the overall modeling system can be addressed in a future meeting.

## **B. Federal Funding Update**

Amy Ford-Wagner noted that her presentation is in two parts, one will address the status of the Highway Trust Fund (HTF) and the second will address re-authorization of funding for surface transportation.

Ms. Ford-Wagner noted that spending has outpaced revenues going into HTF and this has happened earlier than anticipated due to the reduction in travel resulting from COVID-19. The HTF is supported by Federal excise taxes levied on gasoline, diesel, truck & trailer sales, heavy vehicle use and tire sales. Taxes are not collected from the consumer but from producers, retailers, and owners. A shortfall does not mean that the HTF will go broke, though the outflow of cash may slow down.

The HTF is annually spending \$12 billion more than its receipts.

As far as next steps, the USDOT and the Office of the Secretary are actively monitoring the status of the HTF. There may be an opportunity for States to revisit their Cash Management Agreements.

As for federal funding re-authorization, the FAST Act expires on September 30, 2020. The U.S. House and Senate are both working on bills, but none have been brought to the floor yet. The House bill (INVEST) combines re-authorization with COVID-19 stimulus. The Senate has another version of a re-authorization bill (ATIA) that is slightly more traditional. The next step is appropriation to look at how to fund these bills.

Regarding stimulus funds, the CARES Act was passed in March 2020. The House is working on the HEROES Act, but it has not been taken up by the Senate.

TAC members posed several questions on the HTF and Federal stimulus funds and Ms. Ford-Wagner plans to follow up with more detailed answers at a future meeting.

### **C. Certification Review Update**

Nicki Smith, Planning Program Manager, provided an overview of a Certification Review including its purpose, frequency, and types of findings. OahuMPO's last review was in May 2018 and another is expected in 2022. Ms. Smith noted that this update on OahuMPO's Certification Review findings would focus only on the Corrective Actions as they are a higher priority.

Ms. Smith then reviewed each Corrective Action, noting that some findings applied to more than one work product and those would be addressed on a single slide.

Corrective Actions from the 2018 Certification Review were for the Congestion Management Process (TIP and ORTP), Revenue Forecasting (ORTP), consultation with land management agencies (ORTP), documentation of public comments (ORTP & TIP), and documentation of T6/EJ analysis (ORTP & TIP). Ms. Smith provided a status and/or next steps update on each finding and noted that all the corrective actions are on track to meet their deadlines.

### **VII. INVITATION TO INTERESTED MEMBERS OF THE PUBLIC TO BE HEARD ON MATTERS NOT INCLUDED ON THE AGENDA**

There were no matters to be heard.

### **VIII. ANNOUNCEMENTS**

### **IX. ADJOURNMENT**

Vice Chair Felix adjourned the meeting at 10:03 am.

The meeting's presentation may be viewed at: [https://www.oahumpo.org/?wpfb\\_dl=1943](https://www.oahumpo.org/?wpfb_dl=1943)