



# OahuMPO Technical Advisory Committee

February 14th, 2020



I. Call to order by Chair

II. Introductions/Roll Call



- III. January 10<sup>th</sup>, 2020 Meeting Minutes
- IV. Reports
  - A. Executive Director
- V. Old Business
- VI. New Business
  - A. Overall Work Program FY21 Public Review Draft



# *Proposed Schedule*

**February**

Public Review  
Draft to  
Committees

**March 3**

Public & IG  
Review Period  
Begins

**April 14**

Public & IG  
Review Period  
Ends

**May**

Final Draft  
To Committees

**June**

Submit to  
FHWA/FTA

# OWP FY21 Public Review Draft Executive Summary



Expected Funding Sources	Total
FHWA-PL	\$1,638,079
FTA 5305(d)	\$317,364
Non-federal source for planning studies	\$335,000
Agency dues - regular	\$375,000
Additional contribution from member agencies	\$40,000
Subtotal: FY2021 New Funding	\$2,705,443
Estimated unobligated balance of FHWA & FTA funds	\$7,831,768
<b>TOTAL AVAILABLE FUNDING</b>	<b>\$10,537,210</b>

**OWP FY2021 Total Request: \$3,750,000**



Oahu Planning  
Issues

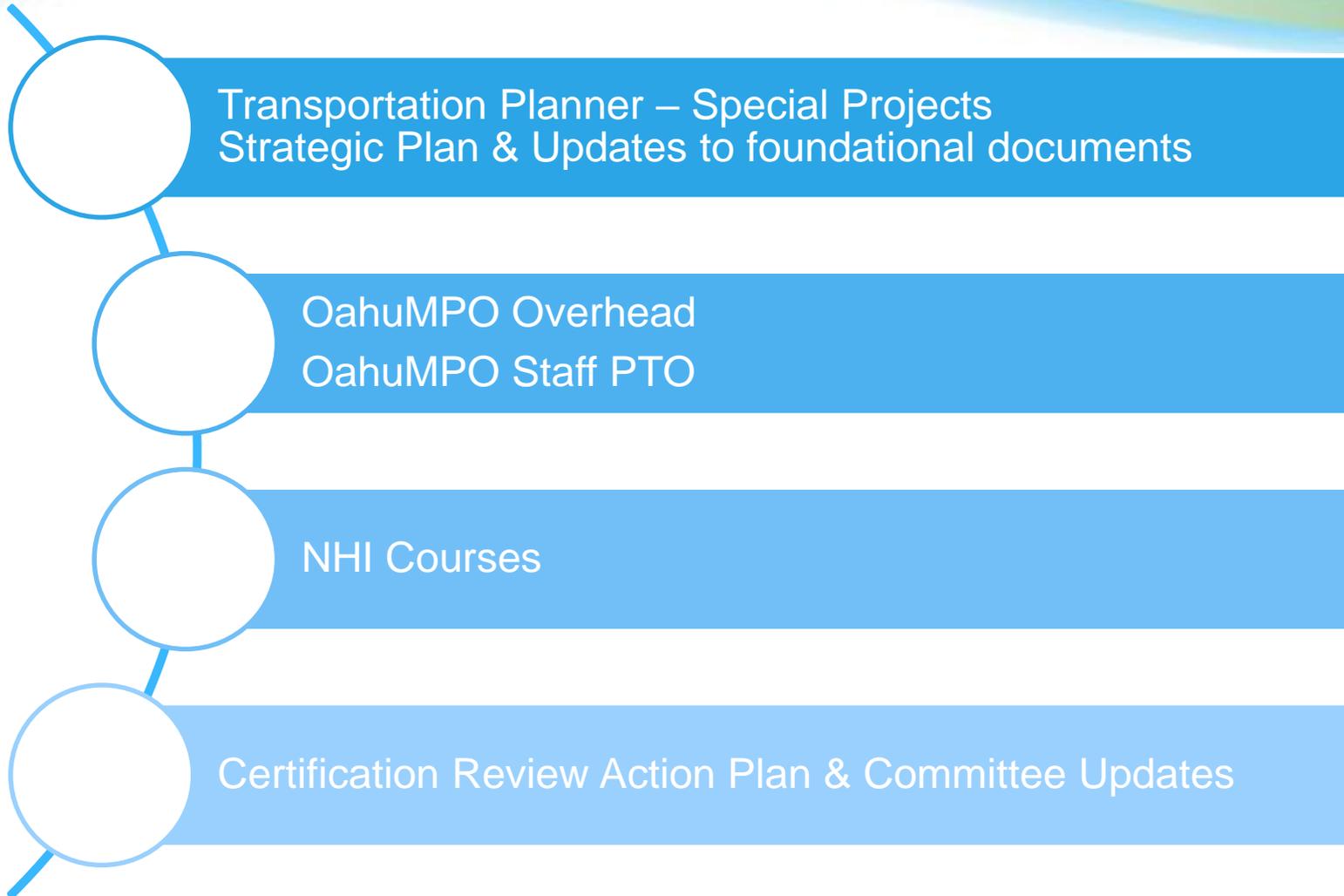
Funding  
Deobligation

Additional  
contribution from  
member  
agencies



# OWP FY21 Public Review Draft

## Task 1: MPO Management & Program Administration





# OWP FY21 Public Review Draft

## *Task 2: Data Development & Maintenance*

### Comprehensive Data Management & Sharing Study

- Will be canceled and re-programmed in a future work program

### NEW: Travel data to update the TDFM

- Supports 2022 purchase of household travel data

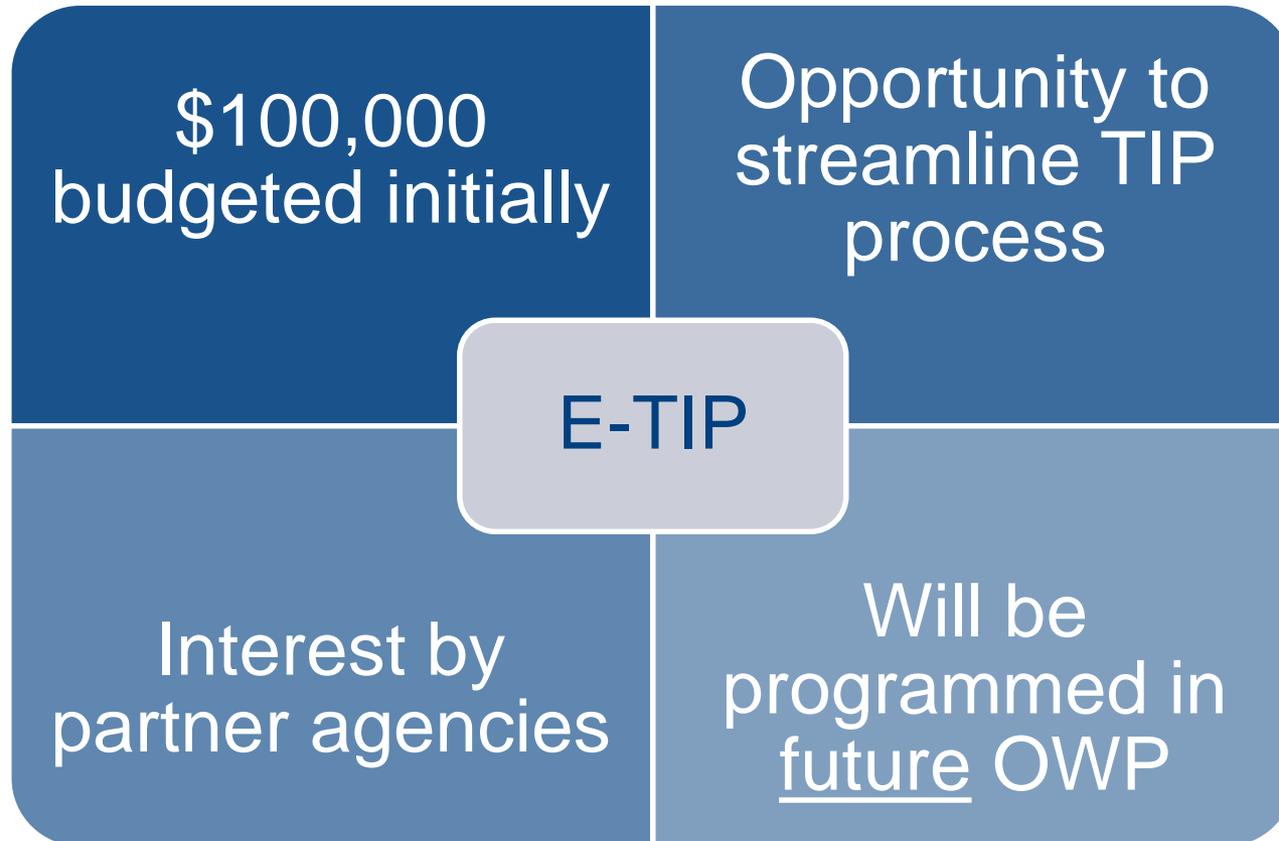
### NEW: Active Transportation Monitoring Data (DTS)

- This project will collect and manage active transportation data and allow for the monitoring of regional trends in bicycle and pedestrian travel patterns.



# OWP FY21 Public Review Draft

## Task 3: Short Range Planning





## **New Studies - HART**

### **Alternative Deployment of AV Technology Scenarios Plan**

- Aims to model scenarios for autonomous vehicle technology
- These scenarios will capture a range of possible outcomes with respect to modal choice, access to rail stations, etc

### **Dillingham Corridor Mobility Data Planning Study**

- Aims to use mobile device data and a community “data Charrette” to study mobility patterns in the Dillingham corridor
- The study will utilize cell phone data to highlight local mobility patterns.



## **New Studies - DLNR**

### **Plan for Improved Resilience to Coastal Hazards through Green Infrastructure**

- A feasibility study of a green infrastructure project in the Punalu'u Beach Park area that will help to protect Kamehameha Highway from flooding and erosion, and improve resiliency to rising sea levels and increasing coastal storms

### **Multi-Modal Mobility Hub Plan for Oahu**

- Will identify and describe state parking facilities and evaluate various ways to make better use of these state assets in ways that encourage the use of alternative transportation and mobility options.



## **New Study – DTS**

### Multi-Modal Transit Asset Management Plan – Phase 2

- This project will support the City's efforts to advance its asset management practices and maintain its bus, paratransit, and rail assets in a state of good repair.
- Phase 2 will build upon the work done in the MM TAM Plan Phase 1 from the OWP FY19.



# ORTP 2045

Present existing and forecasted conditions and the vision and goals chapters with the working group, committees, and Policy Board

Review prioritized draft list of projects and programs with the working group

Finalize list of Projects and Programs, and write the associated chapter

Funding and Implementation



# OWP FY21 Public Review Draft Funding Summary

Task	Title	FHWA-PL	FTA 5305(d)	Non-Federal Match Subrecipients	Non-Federal Match Member Dues + Addition Contribution	Total
1	MPO Management & Program Administration	\$616,636	\$317,364-		\$233,500	\$1,167,500
2	Data Development & Maintenance	\$554,000		\$40,000	\$98,500	\$692,500
3	Short Range Planning	\$1,217,600		\$295,000	\$9,400	\$1,522,000
4	Long Range Planning	\$294,400	-		\$73,600	\$368,000
	<b>TOTAL</b>	<b>\$2,682,636</b>	<b>\$317,364</b>	<b>\$335,000</b>	<b>\$415,000</b>	<b>\$3,750,000</b>



# OWP FY21 Public Review Draft *Candidate Project Evaluation & Selection*

## **Drafting of formal responses to CAC Proposals**

**North Shore  
Corridor Study**

**Leeward Coast  
Transportation  
Study**

**Cordon Area  
Congestion  
Pricing Study**



Committee Meetings  
**CAC: 2/19**  
**PB: 2/28**

Public & IGR  
**March 3 – April 14**

**Next  
Steps**

Respond to  
Comments & Finalize  
Draft  
**April 14 – April 24**

Final Draft to  
Committees in  
**May**



## VI. New Business

### B. Transportation Improvement Program (TIP) FFYs 2019-2022 Revision #10



# FFYs 2019-2022 TIP Revision #10 Amendment



# FFYs 2019-2022 TIP Revision #10 Amendment



## What is the Transportation Improvement Program (TIP)?

- A four-year schedule of surface transportation projects
- Program, *not* a plan
  - “What gets built”
  - TIP funding must be spent toward a project that will be built
    - If not built, \$\$ must be paid back!
  - What’s types of activities are funded?
    - Preliminary engineering and environmental review
    - Final Design
    - Construction
    - Right of Way acquisition
    - Transit vehicle & facilities
    - Highway management operations
    - Etc.



## FFYs 2019-2022 TIP Revision #10

- **Amendment (“major changes”)**
  - Re-demonstration of fiscal constraint
  - Requires public & intergovernmental review, TAC consideration, and Policy Board approval
  - Title VI and Environmental Justice analysis
- **5 project amendments:**
  - **2 State of Hawaii** projects – FHWA funded
  - **3 City and county of Honolulu** projects
    - FHWA and FTA funded



## Oahu State (OS) Projects

### OS82 Interstate Route H-1 Improvements, Eastbound, Ola Lane Overpass to Vineyard Boulevard

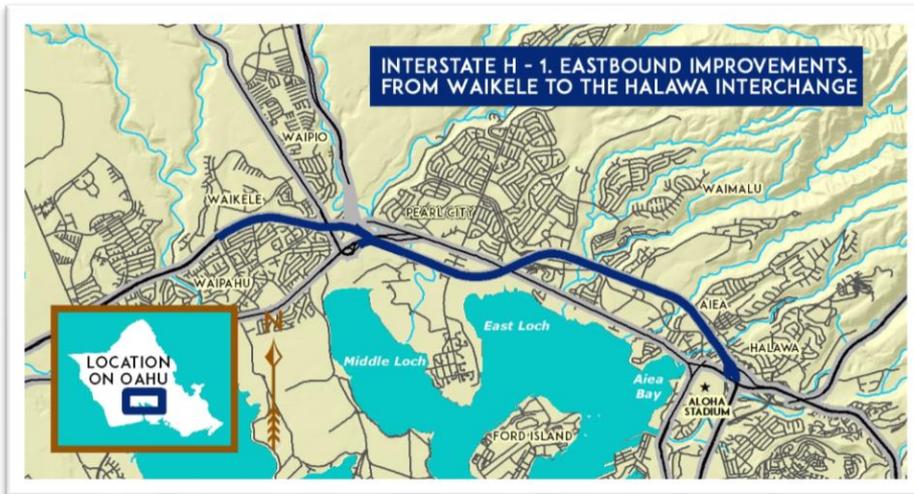
- **Funding Category:** Local
- **Revision Details:** Request to add a new regionally significant project to be funded with Rental Car Surcharge
- **Estimated Total Project Cost:** \$65,000,000





## Oahu State (OS) Projects

### OS59 Interstate Route H-1, Eastbound Improvements, Waikele to Halawa Interchange



- **Funding Category:** Local only (Rental Car Surcharge)
- **Revision Details:** Request to extend limits from Waiwa Interchange to Waikale (C.3) and add CON funding (C.5).
- **Difference in Total Project Cost:**  
+ \$15,000,000



## City and County of Honolulu (OC) Projects

### OC25 Transportation Alternatives program (MPO) – Ala Wai Bridge

- **Funding Category:**  
TAP-U and Surface Transportation Program (Flexible) (STP FLEX)
- **Revision Details:** Request to add CON phase (C.8) and revise project costs due to preliminary estimates (C.5).
- **Difference in Total Project Cost:**  
+\$10,382,000





## City and County of Honolulu (OC) Projects

### OC13 Bus and Handi-Van Acquisition Program



- **Funding Category:** FTA  
§5307/§5340
- §5337
- §5339
- **Revision Details:** Request to add new phase for increased quantity of revenue rolling stock (C.4), and revise costs (C.1).
- 6x 30' buses, 4x 40' buses, 10x 20' buses added in 2020)
- **Difference in Total Project Cost:** \$0  
No change to Total Estimated Cost



## City and County of Honolulu (OC) Projects

### OS31 Middle Street Transit Center

- **Funding Category:**  
FTA §5307 (Urbanized Area  
Formula Program)
- **Revision Details:** Request to add  
a new locally and FTA funded  
project (C.2).  
Property purchase.
- **Estimated Total Project Cost:**  
\$31,436,000





## Public & Intergovernmental Review

- 1 comment
    - 0 comments from the Public
    - 1 comment from Government Agencies
      - Department of Budget and Fiscal Services
- Federal and Local funding correction to  
OC31 Middle Street Transit Center



## Title VI and Environmental Justice Analysis

	<b>T6/EJ Block Groups</b>	<b>Non-T6/EJ Block Groups</b>	<b>% Difference (EJ/Non-EJ)</b>	<b>Total Difference (Non-EJ - EJ)</b>
<b>Average Investment by Block Group</b>	5.4 M	3.6 M		
<b>Total Cost of Projects</b>	733.7 M	1622.6 M		
<b>% Project Investment</b>	31.1%	68.9%		
<b>Total Population</b>	289,321	663,886		
<b>Average Per Capita Investment</b>	\$2,536	\$2,444	4%	\$92



*Requested Action:*

*Recommend that the Policy Board approve the FFYs 2019-2022 Transportation Improvement Program Revision #10, as presented*



VII. Invitation to interested members of the public to be heard on matters not included on the agenda

VIII. Announcements

IX. Adjournment