



Memorandum

To: Policy Board Members

From: Alvin Au, Executive Director

Date: January 28, 2020

Executive Director's Report

Accomplishments and Progress

Zakari Mumuni who currently resides in St Louis, Missouri was selected and has accepted our offer to fill the vacant Senior Transportation Planner position. His start date is February 3, 2020.

Proposals from the Citizen Advisory Committee for the FY2021 Overall Work Program (OWP) were sent to our three partner agencies with a request for comments and information on any ongoing work that overlaps with these projects' scopes and recommendations.

OahuMPO's annual report was submitted to the Legislature and Federal Highway Administration (FHWA) on December 20, 2019.

OahuMPO's Financial Report for the first quarter of FY2020 is attached for your review.

Attached is a draft list of projects OahuMPO has received from various implementing agencies for the FY2021 Overall Work Project.

On December 20th, OahuMPO completed Revision #2 to the OWP FY2020. Revision #2 is an administrative modification that impacts the Transit Rider Survey work element. The scope of the Transit Rider Survey includes the calibration of the TDFM using the survey data. Revision #2 clarifies the responsibilities of DTS and OahuMPO regarding model calibration. In brief, DTS' consultant will prepare the data and OahuMPO's modeling consultants will perform the calibration. While this work element was initially awarded to HART, primary responsibility has been transferred to DTS with the exception of Task 5 (model calibration).

Revision #2 can be viewed at https://www.oahumpo.org/?wpfb_dl=1820.

OahuMPO Staff held its first agency working group meeting to discuss the draft existing conditions report for the Farrington Highway Makaha Beach Realignment Feasibility Study and held a series of meetings with partner agencies to discuss objectives and strategies of the Oahu Regional Transportation Plan.

Technical Advisory Committee (TAC)

The TAC met on January 10, 2020 and elected Ken Tatsuguchi, from HDOT as its new Chair and Jorge Felix from HART as its new Vice Chair for the 2020-2021 term. The TAC received a presentation on the OWP FY2020 Amendment #1 and voted to recommend the Policy Board approve the amendment as presented. The TAC also received a presentation from DTS on the Ala Wai Canal Alternatives Analysis and voted that the Policy Board accept as evidence that the work was carried out.

Citizens Advisory Committee (CAC)

The CAC met on January 22, 2020 and re-elected Joseph Magaldi as its Chair, and Dick Poirier as Vice Chair. Presentations of the Overall Work Program FY2020 Revision #1, the Transportation Improvement Program FY2019-2020 Revision #10, and the Ala Wai Canal Alternatives Analysis project were made to the CAC.

**Proposals from the Citizen Advisory Committee
for the
FY2021 Overall Work Program (OWP)**

In November 2019, the CAC voted on the OWP candidate work elements they identified as having the highest priorities.

Three proposals were singled out for OahuMPO Policy Board and staff assistance in finding a lead agency willing to explore these issues further.

Leeward Coast Transportation Study - In order to prevent duplication of HDOT's work on the Farrington Highway Corridor Study, current revisions have been narrowed to explore alternative and emergency routes in and out of the Leeward Coast.

North Shore Corridor Study - A medium to long-term study to determine solutions to erosion and sea level rise along the top priority areas in Kaaawa and Hauula which were identified in the Statewide Coastal Highway Program Report.

Cordon Area Congestion Pricing Study - A study to explore the feasibility of cordon area pricing in light of the City's commitment to the Bloomberg American Cities Climate Challenge grant and executive resolutions to explore these congestion management strategies.



OahuMPO Overall Work Program FY2021
Draft List of Projects
January 2020

Alternative Deployment of Autonomous Vehicle Technology Scenarios Planning Study (HART)

This study aims to model scenarios for autonomous vehicle technology deployment to understand their potential impacts on access to HRTTP stations. The scenarios will be built from the regional Travel Demand Forecasting Model that is currently used to forecast rail ridership. These scenarios will capture a range of possible outcomes with respect to modal choice, access to rail stations, road network performance, transit performance relative to different technology scenarios and different ownership scenarios (public vs private ownership, shared vs individual use).

Dillingham Corridor Mobility Data Planning Study (HART)

This study aims to use mobile device data and a community "data charrette" to study mobility patterns in the Dillingham corridor where the Honolulu Rail Transit Project will be doing intensive construction work over the next several years. The study will utilize cellphone data to highlight local mobility patterns. Data visualizations will be incorporated into community processes to further investigate the mobility needs and opportunities along the corridor.

Planning for Improved Resilience to Coastal Hazards through Green Infrastructure (DLNR)

The State of Hawai'i through the Department of Land and Natural Resources (DLNR) in coordination with the Hawai'i Climate Change Mitigation and Adaptation Commission, proposes 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 with regard to rising sea levels and increasing coastal storms, both in frequency and intensity.

This study will assess project alternatives, while considering critical coastal and marine geotechnical and biological surveys, agency and community input, and produce a report that informs the next phase of the potential project.

Multi-Modal Mobility Hub Planning (DLNR)

The study proposes to assess state parking facilities on O'ahu that will allow for multi-modal use. It proposes to identify and describe state parking facilities, including their utilization rates and evaluate various ways to make better use of these state assets in ways that encourage the use of alternative transportation and mobility options. This study and the resulting plan will help the State and City meet their clean transportation goals, while maximizing public benefit.

Work Element	WE Title	Remaining Funds from Previous Obligations as of June 30, 2019		Budget Adjustments in FY2020	Total Funds Available as of June 30, 2019	Contracts	Remaining Contract Balance	Expenditures From July 1, 2019 - September 30, 2019	Balance of Funds Available (Not Including Contract Balance) As of September 30, 2019		Total Remaining Balance (Contract and Available Funds) As of September 30, 2019	Total Rem					
			Empty														
201.02	OahuMPO Participation Plan Evaluation	\$	6,804	\$	-	\$	6,804		\$	6,804	\$	6,804					
201.04	Title VI & Environmental Justice Monitoring	\$	34,292	\$	5,000	\$	39,292	\$	196,446	\$	35,527	\$	39,292	\$	74,819		
201.05	Congestion Management Process Update	\$	206,105			\$	206,105		\$	767	\$	205,338	\$	205,338			
201.16	Comprehensive Data Management and Sharing Study	\$	138,774	\$	26,226	\$	165,000			\$	165,000	\$	165,000				
202.02	Central Oahu Transportation Study	\$	63,186	\$	-	\$	63,186	\$	346,817	\$	85,364		\$	85,364			
202.03	Transportation Revenue Forecasting & Alternatives Revenue Exploration	\$	246,118			\$	246,118		\$	135	\$	245,983	\$	245,983			
202.04	Farrington Highway Makaha Beach Park Realignment Feasibility Study	\$	122,789			\$	122,789	\$	383,998	\$	358,901	\$	22,954	\$	99,835	\$	458,736
202.07	Oahu Bike Plan Update	\$	33,852			\$	33,852		\$	20,800	\$	13,052	\$	13,052			
203.03	PM Peak Period Tow-Away Zone Time Modifications	\$	117,366			\$	117,366		\$	50,000	\$	67,366	\$	67,366			
203.06	Oahu Mass Transit Joint Operational Study	\$	267,400	\$	-	\$	-	\$	-	\$	267,400	\$	267,400	\$	267,400		
203.07	Review and Update of Planned Rights-of-Way for Existing Streets	\$	687,500	\$	(187,500)	\$	500,000		\$	-	\$	500,000	\$	500,000			
203.08	Transit Fares Scenario Modeling Study	\$	130,000			\$	130,000		\$	25,237	\$	104,763	\$	104,763			
203.09	Transit Rider Survey Project	\$	1,400,113			\$	1,400,113		\$	-	\$	1,400,113	\$	1,400,113			
203.10	Ala Wai Canal Bridge Alternatives Analysis	\$	1,467			\$	1,467		\$	32,646	\$	(31,179)	\$	(31,179)			
203.11	Waikiki Loading Zone Management Study	\$	235,000			\$	235,000		\$		\$	235,000	\$	235,000			
203.12	Multi-Modal Transit Asset Management Plan	\$	250,000			\$	250,000		\$		\$	250,000	\$	250,000			
203.13	Royal Kunia Public Transit and Day Care Facility Master Plan	\$	500,000			\$	500,000		\$		\$	500,000	\$	500,000			
203.14	Ala Moana Transit Plaza Alternatives Analysis	\$	500,000			\$	500,000		\$		\$	500,000	\$	500,000			
203.16	Bikeshare Expansion Plan	\$	200,000			\$	200,000		\$		\$	200,000	\$	200,000			
203.17	Kapolei Maintenance Facility & Transit Center Alternatives Analysis	\$	500,000			\$	500,000		\$		\$	500,000	\$	500,000			
203.18	Energy Conservation and Emissions Reduction Plan	\$	500,000			\$	500,000		\$		\$	500,000	\$	500,000			
203.75	Ewa Impact Fees for Traffic & Roadway Improvements Update Study	\$	23,291			\$	23,291		\$	23,291	\$	-	\$	-			
203.82	Separate Left-Turn Phase Alternatives Study	\$	34,080			\$	34,080		\$	-	\$	34,080	\$	34,080			
206.02	Oahu Coastal Communities Evacuation Planning	\$	141,178	\$	113,361	\$	254,539		\$		\$	254,539	\$	254,539			
301.01	Program Administration	\$	(7,680)	\$	335,000	\$	327,320		\$	87,441	\$	239,879	\$	239,879			
301.02	Gen. Tech. Assistance	\$	24,452	\$	(14,452)	\$	10,000		\$	2,428	\$	7,572	\$	7,572			
301.03	OWP	\$	(9,270)	\$	50,000	\$	40,730		\$	6,418	\$	34,312	\$	34,312			
301.04	CAC	\$	28,435	\$	(25,181)	\$	3,254		\$	3,255	\$	(0)	\$	(0)			
301.05	Audit	\$	54,304	\$	5,409	\$	59,713	\$	220,000	\$	60,287	\$	142	\$	59,571	\$	119,858
301.06	Public Participation Plan	\$	49,802	\$	(9,355)	\$	40,447		\$	447	\$	40,000	\$	40,000			
301.08	DBE	\$	3,430	\$	1,570	\$	5,000		\$	-	\$	5,000	\$	5,000			
301.09	Prof. Development	\$	43,424	\$	(23,424)	\$	20,000		\$	2,719	\$	17,281	\$	17,281			
301.10	Computer & Network	\$	96,821	\$	(61,821)	\$	35,000		\$	340	\$	34,660	\$	34,660			
301.11	Subrecipient Monitoring	\$	73,466	\$	(53,466)	\$	20,000		\$	3,906	\$	16,094	\$	16,094			
301.12	Transit Oriented Development Advisory Committee	\$	20,000	\$	-	\$	(20,000)	\$	-	\$	-	\$	-	\$	-		
301.13	Data	\$	66,868	\$	(66,868)	\$	-		\$	-	\$	-	\$	-			
301.14	Fed. Requirements	\$	4,144	\$	-	\$	(4,144)		\$	-	\$	-	\$	-			
301.15	Computer Models	\$	157	\$	(6,438)	\$	(6,281)	\$	820,717	\$	206,281	\$	113,229	\$	(6,281)	\$	200,000
301.16	ORTP	\$	(45,603)	\$	510,000	\$	464,397	\$	350,000	\$	272,958	\$	321,303	\$	143,094	\$	416,052
301.17	TIP	\$	121,014	\$	(46,014)	\$	75,000		\$	463	\$	74,537	\$	74,537			
301.19	TAP	\$	4,847	\$	20,153	\$	25,000		\$	142	\$	24,858	\$	24,858			
301.19	OahuMPO Staff Support of Consultant Projects	\$	4,909	\$	-	\$	4,909		\$	68	\$	4,841	\$	4,841			
302.01	Overhead	\$	145,937			\$	145,937		\$	-	\$	145,937	\$	145,937			
	Total	\$	7,018,773	\$	-	\$	7,566,828		\$	718,132	\$	6,898,739	\$	7,918,058			