



OahuMPO Technical Advisory Committee

October 9th, 2020



- I. Call to order by Chair
- II. Introductions/Roll Call



- III. August 14th, 2020 Meeting Minutes
- IV. Reports
 - A. Executive Director
- V. Old Business



VI. New Business

A. Bus and Paratransit Transit Agency Safety Plan – Safety Performance Target Requirements



Safety Performance Target Requirements

Bus and Paratransit Transit Agency Safety Plan

Department of Transportation Services

Version: July 2020

Public Transportation Agency Safety Plan Final Rule (49 C.F.R. Part 673) Requirements

- Enacted in July 2019, the Federal Transit Administration's (FTA) Public Transportation Agency Safety Plan Final Rule (49 C.F.R. Part 673) requires the implementation of safety plans that include the processes and procedures for Safety Management Systems. Agency Safety Plans to be implemented by July 20, 2020. However, due to the COVID-19 pandemic, FTA enforcement is pushed back to December 31, 2020.
- 673.11(a)(3) – “The Public Transportation Agency Safety Plan must include performance targets based on the safety performance measures established under the National Public Transportation Safety Plan.”
- 673.15(a) – “A State or transit agency must make its safety performance targets available to States and Metropolitan Planning Organizations to aid in the planning process.”
- 673.15(b) – “To the maximum extent practicable, a State or transit agency must coordinate with States and Metropolitan Planning Organizations in the selection of State and MPO safety performance targets.”

National Public Transportation Safety Plan

Safety Performance Measures

- Enacted in January 2017, the National Public Transportation Safety Plan guides the national effort in managing the safety risks and hazards within public transportation systems, and establishes performance measures to improve safety.
- Safety Performance Measures for transit were selected by FTA because they are applicable to all modes of public transportation and are based on data that is already reported to the National Transit Database (NTD)
 - Fatalities
 - Injuries
 - Safety Events
 - System Reliability of revenue vehicles

National Transit Database Reporting Criteria

- Fatalities – includes suicides
- Injuries – requiring transport away from the scene for medical attention for one or more persons
- Safety Events – any safety incident involving the fatality and/or injury conditions above, and/or:
 - Estimated property damage equal to or exceeding \$25,000
 - An evacuation for life safety reasons
 - Collisions involving transit roadway revenue vehicles that require towing away of a transit roadway vehicle or other non-transit roadway vehicle
- System Reliability – mean distance between major mechanical failures that limit vehicle movement or create safety issues that stop the vehicle from completing its revenue trip or not starting its next revenue trip.

Safety Performance Target Categories

- 1) Total Fatalities
- 2) Fatalities per total vehicle revenue miles by mode (rate to be set by agency)
- 3) Total Injuries
- 4) Injuries per total vehicle revenue miles by mode (rate to be set by agency)
- 5) Total Safety Events
- 6) Safety Events per total vehicle revenue miles by mode (rate to be set by agency)
- 7) System Reliability (mean distance between major mechanical failures by mode)

NOTE: FTA has not specified how transit providers must set their targets nor established a required methodology, only that it must be based on NTD data

TheBus & TheHandi-Van

Annualized NTD Data: 2015 through 2019

Mode of Transit Service	Calendar Year	Fatalities	Fatalities per 1M VRM	Injuries	Injuries per 100K VRM	Safety Events	Safety Events per 100K VRM	Miles between Major Mechanical Failures
TheBus	2015	2	0.09	119	0.557	138	0.646	11,899
	2016	1	0.04	108	0.502	122	0.567	9,700
	2017	0	0	100	0.460	112	0.515	9,704
	2018	0	0	100	0.457	112	0.512	10,613
	2019	0	0	120	0.533	126	0.561	10,864
	5 Year Average	0	0	109	0.5	122	0.56	10,556
TheHandi-Van	2015	0	0	13	0.179	16	0.217	26,380
	2016	0	0	11	0.139	16	0.202	12,540
	2017	0	0	9	0.118	14	0.183	12,242
	2018	0	0	11	0.136	13	0.160	13,970
	2019	0	0	17	0.207	18	0.220	14,101
	5 Year Average	0	0	12	0.155	15	0.196	15,846

VRM = Vehicle Revenue Miles

- SPTs were established by averaging five years of reportable NTD incident data by mode for each safety performance measure category for the calendar years 2015 through 2019.

TheBus & TheHandi-Van Safety Performance Targets (established July 2020)

Mode of Transit Service	Fatalities (Total)	Fatalities (per 1M VRM)	Injuries (Total)	Injuries (per 100K VRM)	Safety Events (Total)	Safety Events (per 100K VRM)	System Reliability (VRM/mechanical road calls)
TheBus	0	0	109	0.5	122	0.56	10,556
TheHandi-Van	0	0	12	0.155	15	0.196	15,846

VRM = Vehicle Revenue Miles

Objectives of Safety Performance Targets

- Improve transit system safety performance by reducing fatalities, injuries, and safety events and improving system reliability.
- Sets goals for the coming year, which may seek to maintain existing performance or be aspirational.
- Comparison to new data identifies effectiveness of overall safety objectives.
- Assesses the effectiveness of agency's safety policies, procedures and mitigation measures.
- Comparison to annual safety data identifies safety trends or otherwise unseen safety problems.

Web Resources

- FTA Safety Performance Target Information:
<https://www.transit.dot.gov/regulations-and-guidance/safety/public-transportation-agency-safety-program/bus-transit-providers#BusSPT>
- NTD Manuals with Reporting Criteria:
<https://www.transit.dot.gov/ntd/manuals>

Questions?

- Greg Tsugawa, City and County of Honolulu, Department of Transportation Services, Transportation Mobility Division
- Phone: (808) 768-8369
- Email: gtsugawa@honolulu.gov



Requested Action: *Recommend Policy Board approval of DTS' transit safety targets and incorporate those targets in OahuMPO work products.*



VI. New Business

B. ORTP 2045 Phase 1 Public Participation Draft Document Presentation

THE PATH FORWARD FOR O'AHU
KE ALA I MUA



O'AHU REGIONAL TRANSPORTATION PLAN 2045

ORTP 2045
Public Participation
Evaluation of Phase 1

Presentation Highlights

- Public Participation Plan Goals
- ORTP Public Engagement Objectives
- Phase 1 Outreach Strategies
- Evaluation
- Questions & Discussion



ORTP 2045 PUBLIC
PARTICIPATION: PHASE 1

ORTP 2045 PUBLIC ENGAGEMENT & PARTICIPATION

Phase 1



Understand what the public's ideal transportation vision is and their transportation goals for the future

Phase 2



Collect feedback from the public on proposed transportation projects and programs, as well as how to fund projects and programs on our "wish-list"

Phase 3



Collect feedback on the draft plan

The public will be involved early and continuously in the decision-making process.

Selected public participation techniques will match the purpose

All residents and mandated stakeholders will be given the opportunity to participate

Progress in achieving the above goals will be measured, and results reported

The public will be provided with clear, timely, and accurate information for meaningful participation

Outcomes of public participation will be communicated and managed in realistic and pragmatic ways

ORTP 2045 Public Engagement & Participation

Public Participation Plan Goals

Stimulate dialogue and offer opportunities for public input regarding transportation challenges faced on O'ahu

Review public participation techniques of other public agencies

Solicit participation from a broad range of groups and individuals in the 2045 ORTP decision making process

Collect and analyze participation data to effectively evaluate and address the diverse mobility needs of the island's residents, visitors and business owners

Provide information and raise awareness about the 2045 ORTP

Cultivate support for and understanding of the transportation improvements outlined in the 2045 ORTP

ORTP 2045 Public Engagement & Participation

Phase 1 Objectives

Outreach Strategies



Information &
Outreach Booths



Online Survey



Committee
Meetings



Focus Groups



Online
Engagement

EVIDENCE

OahuMPO facilitated dialogue through information and outreach booths, online surveys, focus groups, and online engagement.

OBJECTIVE 1.1

Stimulate dialogue and offer opportunities for public input regarding transportation challenges faced on O'ahu.

Objective 2.1

Overall Participation

Objective 2.1: Solicit participation from a broad range of groups and individuals in the 2045 ORTP decision making process.

Evidence: OahuMPO utilized the information booths, survey, and focus group to gather information on participants.

This information helped to provide insight to the demographics of the participants and allows for further evaluation of the level of participation from different groups.

	INFO BOOTH	SURVEY	FOCUS GROUP
# OF EVENTS	43	ONLINE	12
PARTICIPANTS	3063	226	120
ZIP CODES REPRESENTED	93.75%	35.29%	56.25%
INCOME LEVELS REPRESENTED	N/A	100%	100%
GENDER REPRESENTED	100%	100%	100%
ETHNICITY REPRESENTED	N/A	100%	100%
AGE REPRESENTED	N/A	100%	100%
LANGUAGES REPRESENTED	N/A	100%	90%

* Languages were based on what was provided as options on the survey and focus group materials.

Objective 2.1

Income

INDIVIDUAL INCOME	SURVEY PARTICIPANTS	FOCUS GROUP PARTICIPANTS
<\$15K	9%	12%
\$15-30K	11%	7%
\$30-50K	12%	15%
\$50-75K	15%	26%
\$75-100K	15%	17%
\$100-150K	16%	13%
<\$150K	21%	10%

*117 out of 120 participants provided income information

*188 out of 226 survey participants provided income information

*This information was not collected for information and outreach booth participants.

HOUSEHOLD INCOME	HONOLULU COUNTY HOUSEHOLDS
\$15K-\$24,999	9%
\$25,000-\$34,999	11%
\$35,000-\$49,999	12%
\$50,000-\$74,999	15%
\$75,000-\$99,999	15%
\$100,000-\$149,999	16%
\$150,000-\$199,999	21%
\$200,000 OR MORE	21%

U.S. Census Bureau (2018). Income in the past 12 months (In 2018 Inflation-Adjusted Dollars)

Objective 2.1

Age



AGE	HONOLULU COUNTY	SURVEY PARTICIPANTS	FOCUS GROUP PARTICIPANTS
UNDER 18	21.62%	7%	0%
19-24	6.55%	21%	6%
25-34	14.51%	21%	26%
35-44	15.38%	19%	22%
45-54	14.44%	18%	9%
55-64	9.68%	12%	16%
65+	17.82%	18%	22%

*214 out of 226 survey participants provided age information

*120 out of 120 focus group participants provided age information

*This information was not collected for information and outreach booth participants.

U.S. Census Bureau (2018). Age.

Objective 2.1

Gender



GENDER	HONOLULU COUNTY	SURVEY PARTICIPANTS	FOCUS GROUP PARTICIPANTS
MALE	51%	43.19%	44%
FEMALE	49%	55.4%	56%

*213 out of 226 survey participants provided gender information

*120 out of 120 focus group participants provided gender information

*This information was not collected for information and outreach booth participants

Objective 2.1

Language



LANGUAGE	SURVEY PARTICIPANTS	FOCUS GROUP PARTICIPANTS
ENGLISH	81%	76%
MORE THAN 1 LANGUAGE	15%	23%
NON- ENGLISH	4%	2%

*208 of 226 survey respondents provided language information

*120 of 120 focus group participants provided language information

Objective 2.1

Vehicle Ownership



HOUSEHOLD VEHICLES	HONOLULU COUNTY
ZERO	9.2%
1	35.2%
2	34.5%
3+	21.2%

Source: U.S. Census Bureau (2017). Vehicles Available

HOUSEHOLD VEHICLES	SURVEY PARTICIPANTS	FOCUS GROUP PARTICIPANTS
ZERO	10.18%	5.9%
1	29.65%	24.6%
2-3	51.77%	55.1%
4+	8.41%	14.4%

*226 of 226 survey respondents provided household vehicle information
*118 of 120 focus group participants provided household vehicle information

Objective 2.1

Representative Participation



	% OF OAHU BY PLANNING AREA	INFORMATION AND OUTREACH PARTICIPANTS	SURVEY PARTICIPANTS	FOCUS GROUP PARTICIPANTS	OVERALL PARTICIPATION
PUC	45%	44%	57%	36%	48%
CENTRAL O'AHU	18%	13%	9%	8%	12%
'EWA	12%	11%	12%	8%	10%
KO'OLAUPOKO	11.5%	9%	8%	8%	8%
WAI'ANAE	5%	8%	2%	10%	8%
EAST HONOLULU	5%	3%	7%	10%	3%
NORTH SHORE	2%	3%	3%	10%	3%
KO'OLAU LOA	1.5%	9%	1%	10%	8%

*203 of 226 survey respondents provided zip code information

*3,223 of 3,409 total respondents provided zip code information

Objective 2.1

Representative Participation



	% OF OAHU BY PLANNING AREA	INFORMATION AND OUTREACH PARTICIPANTS	SURVEY PARTICIPANTS	FOCUS GROUP PARTICIPANTS	OVERALL PARTICIPATION (ALL OUTREACH STRATEGIES COMBINED)
PUC	45%	44%	57%	36%	48%
CENTRAL O'AHU	18%	13%	9%	8%	12%
'EWA	12%	11%	12%	8%	10%
KO'OLAUPOKO	11.5%	9%	8%	8%	8%
WAI'ANAE	5%	8%	2%	10%	8%
EAST HONOLULU	5%	3%	7%	10%	3%
NORTH SHORE	2%	3%	3%	10%	3%
KO'OLAU LOA	1.5%	9%	1%	10%	8%



*203 of 226 survey respondents provided zip code information

*3,223 of 3,409 total respondents provided zip code information

Objective 3.1

Evidence

Objective 3.1: Provide information and raise awareness about the 2045 ORTP

OUTREACH MATERIALS	METRICS
NUMBER OF LANGUAGES OUTREACH MATERIALS WERE TRANSLATED TO OR WERE OUTREACH MATERIALS TRANSLATED WHEN REQUESTED?	0 AND NONE REQUESTED
ONLINE ENGAGEMENT	METRICS
NUMBER OF FACEBOOK POSTS	63
NUMBER OF FACEBOOK VIEWS AND ENGAGEMENT	AVERAGE 50-70 PER POST
WAS INFORMATION AND OUTREACH BOOTH LOGISTICS AND ACCESS TO THE ONLINE SURVEY PUT ON THE ORTP WEBPAGE?	YES

Objective 3.1

Evidence

Objective 3.1: Provide information and raise awareness about the 2045 ORTP

COMMITTEE MEETINGS	METRICS
TIMELY NOTICE OF COMMITTEE MEETINGS WHERE THE ORTP WAS BEING DISCUSSED?	YES
MEETINGS ARE LINGUISTICALLY AVAILABLE TO 100% OF PARTICIPANTS, WITH 6 WORKING DAYS ADVANCE REQUEST FOR TRANSLATION.	NO
MEETING ANNOUNCEMENTS OFFERED TRANSLATION SERVICES WITH ADVANCE NOTICE TO PARTICIPANTS SPEAKING ANY LANGUAGE WITH AVAILABLE PROFESSIONAL TRANSLATION SERVICES.	NO
MEETINGS ARE ACCESSIBLE FOR DEAF PARTICIPANTS AND AN AUXILIARY AID OR SERVICE WILL BE MADE AVAILABLE WITH 6 WORKING DAYS ADVANCE REQUEST.	YES
ALL MEETINGS ARE ACCESSIBLE UNDER THE REQUIREMENTS OF THE AMERICAN'S WITH DISABILITIES ACT (ADA COMPLIANT)?	YES

EVIDENCE

For both the implementation of the public participation process and the reporting/analysis of the efforts, OahuMPO referred to the public participation techniques of other similarly sized MPO's around the nation.

OBJECTIVE

4.1

Review public participation techniques of other public agencies.

EVIDENCE

Data regarding mobility needs of the island's communities were collected during focus group and survey efforts. This information was then considered by staff in the writing of the vision, goals, and prioritization process. Feedback from the community supported "safety" as a top priority, and the prioritization process reflects this with safety criteria given the most points, along with maintenance.

OBJECTIVE 5.1

Collect and analyze data to effectively evaluate and address the diverse mobility needs of the island's residents, visitors and business owners.

EVIDENCE

The results of public outreach phase one were presented to OahuMPO advisory committees and the Policy Board, shared on the website, and posted to the OahuMPO Facebook.

OahuMPO staff added that we strived to inform the public about the transportation planning process during our 43 information and outreach events, with more than 3,000 people participating.

OBJECTIVE 6.1

Cultivate support for and understanding of the transportation planning process outlined in the 2045 ORTP.

Committee and Community Feedback

“ Thank you for all that you do for bettering the alternate transportation issues on Oahu. ”

“ While the transportation of Hawaii (to me) is quite stressful overall, I know that if we can alleviate the amount of vehicles on the road it would create so many positive environmental impacts! I hope we can all work together quickly to make this change. ”

“ Thank you so much for this opportunity and I'm grateful to voice my opinion and see if I voiced my opinion enough for actions to act upon. ”



DISCUSSION:
AREAS FOR
IMPROVEMENT

Improvement areas:



Rethinking engagement by focus groups



Engaging young and middle-aged populations



Translating materials to be more linguistically available



Collecting demographic data which better corresponds to state and national level data

**THE FOCUS GROUP SESSIONS
REACHED ONLY 45% OF ZIP CODES
AND 120 PARTICIPANTS**

These numbers are significantly low in comparison to other outreach techniques used

**THE FOCUS GROUPS SAW LIMITED
PARTICIPATION FROM LOWER
INCOME GROUPS, PARTICULARLY
<15K, 15-30K, AND 30-50K
BRACKETS**

The current poverty level for the state of Hawai'i is \$30,130 for a family of four, and the low-income threshold for a family of four is \$93,300

The percent of the O'ahu population currently living below the poverty threshold is 30.5% (U.S. Census)

STRATEGIES

- Community input platforms/tools
- Online social engagement platform
- Public meeting by targeted population

RETHINKING ENGAGEMENT BY FOCUS GROUPS

THE POPULATIONS MOST REPRESENTED IN THE SURVEYS AND FOCUS GROUPS ARE IN THE 25-34, 35-44, AND 65+ BRACKETS

While these ranges do support young working people and potentially retired community members, OahuMPO can further efforts to better include the 18 and below, 19-24, and 45-54 brackets. This would clarify more in-depth needs of young people, college students, and transitioning middle aged populations.

STRATEGIES

- Engage with student organizations on campus
 - Ex. Graduate Student Organization; Student Life and Development; Warrior Rec Center, public schools
- Reach out directly to all government agencies to circulate surveys and information
- Circulate information and links to our surveys via QR code at DMV and City Hall locations

ENGAGING YOUNG AND MIDDLE-AGED POPULATIONS

THE TOP FIVE LANGUAGES OTHER THAN ENGLISH SPOKEN AT HOME IN THE HONOLULU COUNTY INCLUDE: TAGALOG, ILOCANO, JAPANESE, SPANISH AND HAWAIIAN

STRATEGIES

- Translate meeting materials when given 6 day advance request
- Provide brief flyers in the five top languages spoken in Hawai'i at outreach events
- Consider the use of QR codes to have materials automatically translated for participants
- Translate final reports in the top five languages to be put on our website

TRANSLATING MATERIALS AND MEETINGS TO BE LINGUISTICALLY AVAILABLE

**WHEN RESEARCHING THESE STATISTICS,
OAHUMPO NOTED THE DIFFERENCES IN
HOW THE DATA WAS COLLECTED BY
NATIONAL/STATE ENTITIES AND
OAHUMPO DATA COLLECTING TOOLS**

Survey and focus groups were inconsistent with income brackets, race options, and languages with U.S. Census data and the State of Hawai'i Department of Business, Economic Development & Tourism data

STRATEGIES

- Refer to national and state level data collections when preparing survey and demographic collecting materials for outreach

**COLLECTING
DEMOGRAPHIC
DATA ABOUT
PARTICIPANTS**



QUESTIONS & DISCUSSION



MAHALO

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

VIII. Announcements

IX. Adjournment