Technical Advisory Committee
July 14, 2023
I. Introductions/Roll Call
II. Approval of June 9th, 2023 Meeting Minutes
III. Reports
IV. Old Business
Revision 15 Amendment (major changes)

• Removal of 3 projects as the scope of work will be combined into other projects

• Modifications to 4 existing projects

• Addition of 6 new projects from the Oahu Regional Transportation Plan (ORTP)
Key Requirements

• Title VI/Environmental Justice (T6/EJ) Analysis

• Intergovernmental Review (IGR) and Public Review

• Financial Plan

• Consistency with the ORTP
Title VI/Environmental Justice (T6/EJ) Analysis

- Assesses the impact of projects in minority and low-income communities
- Ensures there are no significant differences between T6/EJ and Non-T6/EJ communities

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Est. Total Project Expenditures</td>
<td>$4,003,565,476</td>
<td>$6,884,270,524</td>
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<td>% Est. Total Project Expenditures</td>
<td>37%</td>
<td>63%</td>
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<td># of Block Groups</td>
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<td>Per Block Group Expenditures</td>
<td>$21,877,407</td>
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<td>Per Capita Expenditures</td>
<td>$10,828</td>
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* For the OC16 Honolulu Rail Transit Project, TOD boundaries were the specific geography
Intergovernmental Review (IGR) and Public Review

- Total Comments: 13 (Public: 12; Agencies: 1)
  - Comments/Questions: 2
  - Support: 9
  - Oppose: 2
Financial Plan (Fiscal Constraint)

• Demonstrates projects can be implemented using committed, available, or reasonably available revenue sources

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<thead>
<tr>
<th>Funding Category</th>
<th>Total (x1000)</th>
<th>Federal (x1000)</th>
<th>Local (x1000)</th>
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<td>§5307/§5340</td>
<td>$476,068</td>
<td>$356,560</td>
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<td>§5309</td>
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<td>FHWA Grant</td>
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<tr>
<td>TOTAL</td>
<td>$2,494,229</td>
<td>$1,815,292</td>
<td>$678,937</td>
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Consistency with the Oahu Regional Transportation Plan (ORTP)

- New projects are evaluated based on the goals and objectives of the ORTP
- All 6 projects received the same scoring for safety and system preservation

<table>
<thead>
<tr>
<th>Rank</th>
<th>Project #</th>
<th>Project Name</th>
<th>Agency Responsible</th>
<th>Estimated Total Project Cost</th>
<th>Total Evaluation Score</th>
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<tr>
<td>14</td>
<td>OS-23-68</td>
<td>Kamehameha Highway (Route 80), Bridge Rehabilitation, NF Kaukonahua (Karsten Thot) Bridge</td>
<td>HDOT</td>
<td>$30,912,000</td>
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<td>14</td>
<td>OS-23-65</td>
<td>Farrington Highway (Route 93), Bridge Rehabilitation, Mailiili Stream Bridge</td>
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<td>14</td>
<td>OS-23-66</td>
<td>Interstate Route H-2, Panakauahi 3-144 and 4-144 Culvert Rehabilitation</td>
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<td>14</td>
<td>OS-23-67</td>
<td>Interstate Route H-3, Luluku Culvert Repair, Vicinity of Interstate Route H-3 (MP 8.67) and Likelike Hwy</td>
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<td>14</td>
<td>OS-23-69</td>
<td>Kamehameha Hwy (Route 83), Rehabilitation, Waimea Stream Bridge</td>
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<td>14</td>
<td>OS-23-70</td>
<td>Likelike Highway (Rte 63), Tunnel Rehabilitation, Wilson Tunnels</td>
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</table>
TIP FFYs 2022-2025 Revision 15 Amendment

Removed Projects
TIP FFYs 2022-2025 Revision 15 Amendment

• OS63 Traffic Counting Stations at Various Locations, Oahu

  • Request to remove this project as the scope of work will be reduced and combined into the statewide traffic counting stations program (S23)
TIP FFYs 2022-2025 Revision 15 Amendment

• OS-22-62 Farrington Highway (RTE 93) Sidewalk Improvements, Hakimo Rd OS-22-62 to Nanakuli Ave, MP 6.89 to MP 5.06

• Request to remove this project as the scope of work will be covered in OS-21-53 Farrington Hwy Widening, Helelua St to Mohihi St
TIP FFYs 2022-2025 Revision 15 Amendment

• OC29 Federal Lands Access Program (FLAP)

• Request to remove this project due to security concerns expressed by the Navy over the alignment within their Right-of-Way which involved bicycle and pedestrian improvements along Richardson Road to improve access between the Aloha Stadium Rail Station and the Arizona Memorial

• Instead, the City will include bicycle and pedestrian improvements on the east side (Mauka) of Kamehameha Hwy as part of the Aloha Stadium (Halawa) Rail Station Multimodal Access Improvements project
TIP FFYs 2022-2025 Revision 15 Amendment

Existing Projects
TIP FFYs 2022-2025 Revision 15 Amendment

• OS80 Traffic Signal Modernization Program, Various Locations
  • Request to add ADVCON funds for PE and CON in FFYs 2025-2027
  • Request to add additional CON funds in FFYs 2024-2027 to include the acceleration of multiple phases of implementation
  • Request to add STBG funds for PE1/PE2 in FFYs 2024-2026
  • Estimated total project cost will increase from $9.5M to $81.5M due to the accelerated implementation over 4 years instead of 10+ years
TIP FFYs 2022-2025 Revision 15 Amendment

- OS-21-53 Farrington Highway (RTE 93) Widening (Helelua St to Mohihi St) & Sidewalk (Hakimo Rd to Nanakuli Ave) Improvements

- Request to adjust ADVCON funds in FFYs 2025-2027 since CON is deferred

- Request to defer and increase CON funds from FFY 2024 to FFY 2026 as the project will include the additional scope of work in OS-22-62 Farrington Hwy Sidewalk Improvements

- Estimated total project cost will increase from $34.5M to $51.5M due to the additional sidewalk improvements
TIP FFYs 2022-2025 Revision 15 Amendment

- OC25 Transportation Alternatives Program (MPO)
  - Ala Wai Bridge Project
    - Request to add CON and INSP funds per updated cost estimate
    - Request to defer PE2 due to the City’s Div. of Purchasing delays
  - Rail Station Multimodal Access Improvements - Halawa (Aloha Stadium) Station and Waiawa (Pearl Highlands) Station
    - Request to add and transfer funds to FTA, and add PE2 and INSP phases
  - Estimated total project cost will increase from $51.1M to $66.4M due to the updated cost estimate for the Ala Wai Bridge Project
TIP FFYs 2022-2025 Revision 15 Amendment

• OC13 Bus and Handi-Van Acquisition Program
  • FFYs 2022-2023: Request to revise EQP funds
  • FFY 2024: Request to remove and replace EQP funds
  • FFYs 2024-2027: Request to add Low or No-Emission funds for EQP
  • Request to revise the INSP phase to OPER phase per the City’s Dept. of Budget and Fiscal Services request
  • Estimated total project cost will increase from $229.2M to $383.3M due to the City anticipating applying for additional FTA grants in FFYs 2024-2027
TIP FFYs 2022-2025 Revision 11 Amendment

New Projects
TIP FFYs 2022-2025 Revision 15 Amendment

• OS-23-65 Farrington Highway (Route 93), Bridge Rehabilitation, Mailiili Stream Bridge
  • Description: Rehabilitate Mailiili Stream Bridge
  • Funding sources: Bridge Formula Program Funds
  • Estimated total project cost: $14.2M
TIP FFYs 2022-2025 Revision 15 Amendment

• OS-23-66 Interstate Route H-2, Panakauahi 3-144 and 4-144 Culvert Rehabilitation
  • Description: Rehabilitation of seven 144" culverts under H2
  • Funding sources: Bridge Formula Program Funds
  • Estimated total project cost: $13.0M
TIP FFYs 2022-2025 Revision 15 Amendment

• OS-23-67 Interstate Route H-3, Luluku Culvert Repair, Vicinity of Interstate Route H-3 (MP 8.67) and Likelike Hwy
  
  • Description: Replacement and upgrade of culvert beneath the H-3 service road in Luluku
  
  • Funding sources: National Highway Performance Program Funds
  
  • Estimated total project cost: $6.0M
TIP FFYs 2022-2025 Revision 15 Amendment

• OS-23-68 Kamehameha Highway (Route 80), Bridge Rehabilitation, NF Kaukonahua (Karsten Thot) Bridge
  • Description: Rehabilitate Karsten Thot Bridge
  • Funding sources: Bridge Formula Program Funds
  • Estimated total project cost: $30.9M
OS-23-69 Kamehameha Hwy (Route 83), Rehabilitation, Waimea Stream Bridge

- Description: Rehabilitation of Waimea Stream Bridge
- Funding sources: Bridge Formula Program Funds
- Estimated total project cost: $5.6M
OS-23-70 Likelike Highway (Rte 63), Tunnel Rehabilitation, Wilson Tunnels

- Description: Rehabilitation of Wilson Tunnels on Likelike Highway, Route 63
- Funding sources: National Highway Performance Program Funds
- Estimated total project cost: $47.3M
Requested Action:

Recommend the Policy Board approve
TIP FFYs 2022-2025 Revision 15
as presented
V. New Business – Oahu Regional Transportation Plan
2050 Update on Vision, Goals, Objectives, and Review of Recent Plans and Policy Documents
ORTP 2050 – Vision and Goals

Updates to TAC and Policy Board
July, 2023
Overview – Vision and Goals

**Purpose:** Guide ORTP direction based on established plans and community engagement

**Highlighted Tasks:**
Synthesize vision, goals, objectives
- Inventory established plans
- Community engagement

**Immediate Next Step:**
Develop performance measures to gauge progress toward ORTP vision/goals/objectives
Vision and Goals Planning

- **Vision**: Informed by community values
- **Goals**: Achievable realization of vision
- **Objectives**: Specific targets to reach goals
- **Performance Measures**: Quantifiable metrics to determine progress
2050 Vision and Goals Inputs

- Literature Review
- OMPO CAC
- ORTP Working Group
- Agency Interviews & Transportation PMs Cohort
- Youth Outreach (e.g. Waiwai Fellowship)
Literature Review Highlights

• Increase transportation safety for disproportionately impacted populations as kūpuna, keiki, and those that walk and bike.

• Increase renewable fuel use and electric vehicles.

• Increase usage, reliability, and efficiency of active and public transportation.

• Focus on transportation equity such as affordability, mobility considerations and transportation access.

• Maintain and preserve transportation systems such as roads, sidewalks, and transit vehicles.
Engagement Highlights

- There was an overwhelming concern for improving the **safety** of the transportation system especially for pedestrians, bicyclists, and vulnerable populations.
- Participants were very supportive of improving the **connectivity** of active and public transportation.
- Discussion regarding improving **transportation resiliency** specifically related to population growth and sea level rise.
- **Affordability** for travelers as well as **financial feasibility** of the system
Conclusions - reflect the social, cultural, economic, and environmental shifts made in our community…

- Put **people** at the heart of the Plan goals
- Take a more assertive stance on **safety**
- Elevate **resiliency** of the system
- Reflect our kuleana and commitments made to the **environment**
2045 Vision Statement

In 2045, O‘ahu’s path forward is multimodal and safe. All people on O‘ahu can reach their destinations through a variety of transportation choices, which are reliable, equitable, healthy, environmentally sustainable, and resilient in the face of climate change.
In 2050, Oʻahu’s transportation network serves the economic, social, and cultural lives of all people who live and visit the island with safe, reliable, and affordable multi-modal travel choices. The network is equitably maintained and operated, resilient to the effects of climate change, and upholds our community’s commitments to culture and the environment.
Safety – assertive stance

2045 ORTP
Goal 1: Improve the safety of the transportation system.

2050 ORTP
Goal 1: Increase transportation safety for all people.

Or

Goal 1: Reduce serious injuries and traffic deaths to zero.
Multimodal, with focus on increasing travelers

2045 ORTP
Goal 2: Support active and public transportation.

2050 ORTP
Goal 2: Enhance the transportation network to increase active and public transportation.
Equity – non-negotiable statement

2045 ORTP
Goal 3: Promote an equitable transportation system.

2050 ORTP
Goal 3: Provide an equitable and affordable transportation system.
Resiliency – greater acknowledgement of change upon us

2045 ORTP
Goal 4: Improve the resiliency of the transportation system.

2050 ORTP
Goal 4: Adapt O‘ahu’s transportation network to be resilient to the effects of climate change.
Maintenance and Preservation – emphasize responsibility to system preservation

2045 ORTP
Goal 5: Preserve and maintain the transportation system.

2050 ORTP
Goal 5: Invest in maintenance to preserve transportation facilities.
Reliability & Efficiency – stronger aspiration

**2045 ORTP**
Goal 6: Support a reliable and efficient transportation system.

**2050 ORTP**
Goal 6: Provide a reliable and efficient multimodal transportation system.
Environment – support collective commitment

2045 ORTP
Goal 7: Improve air quality and protect environmental and cultural assets.

2050 ORTP
Goal 7: Achieve state and county commitments to the environment and culture in the development, maintenance, and operation of the transportation system.
Your questions, initial responses?
Next Steps

• Present update to Policy Board (July 25)
• Revisit TAC for endorsement of plan vision and goals (August 11)
• Revisit Policy Board for approval of plan vision and goals (August 29)

• Ongoing
  • Develop additional background information
  • Begin building objectives and performance metrics to measure success
  • Community engagement
We value your time and input. Mahalo.
VI. Invitation to interested members of the public to be heard on matters not included on the agenda
VIII. Adjournment