

**Grants-to-Projects Bridge
Provenance Document
December 2021**

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Overview: A resource to help direct funds to climate-smart infrastructure.¹

The **Grants-to-Projects Bridge** supports the Commission’s **statement** to help direct decision making and investments to priority climate-smart infrastructure in Hawai‘i. Compiled here is a sample of state and county active and multimodal transportation projects, and resilience projects for natural and working lands. Also included here is information on grants programs that may be useful in funding these (or other) projects.

The intent of this “Bridge” is to help make funding and project information more accessible to community members and government agencies, coordinate funding to ensure these projects are completed and so, move us to a Climate Ready Hawai‘i. This Bridge is a first phase of the Hawai‘i Climate Exchange (HICE).²

Outputs. The primary outputs of the Grants-to-Projects Bridge are:

¹ The project team, led and guided by the Climate Commission Coordinator, consisted of: Anukriti Hittle (team lead), VISTA member Parker Kushima (Transportation section), KUPU member Megan Gonsalves (Resilience section), VISTA member Sabrina Park (Grants section) and VISTA member Diana Lopera (web design and organization).
For questions, contact: Anukriti.s.Hittle@hawaii.gov.

Date of document: December 12, 2021.

² **Disclaimer:** This information is intended to be used as a guide and resource for general informational purposes only. Neither the State of Hawai‘i nor any agency thereof, nor any of their employees assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, or represents that its use would not infringe privately owned rights. Reference herein to any specific projects, or organizations does not constitute or imply endorsement, recommendation, or favoring by the State of Hawai‘i government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the State of Hawai‘i government or any agency thereof.

1. Detailed spreadsheets which compile a sample of currently identified resilience and transportation plans and projects and relevant grant information;
2. An interface housed on the Hawai'i Climate Portal³ which provides statewide and per island overview information and a streamlined information flow to guide users to grants and sample projects of interest; and
3. Supporting Provenance Document which details the process of creating and compiling the Grants-to-Projects Bridge.

Updates to the Bridge. The projects listed in the spreadsheets provide a starting point for climate-smart infrastructure investments but do not make up a comprehensive list of such projects statewide. This list will be updated on a regular basis and expanded to include the priorities of more departments at the state and county levels.

Purpose of this document. This document accompanies the spreadsheets available online. It contains details including: the methodology behind gathering this information, the rationale for inclusion/exclusion of any data, the sources, and supplemental information and resources obtained during the data collection process.

1. Resilience Projects

The sample resilience projects included here directly contribute to building climate resilience through our natural and working lands. They include, but are not limited to, watershed protection, forest conservation & restoration, wildfire mitigation, coastal ecosystem restoration, and food security. This list of projects is a sample, non-exhaustive list of the resilience projects in need of funding across the state collected through consultation with the sources listed in the following section.

Included sample resilience projects are categorized as Forest, Coastal, or Agriculture based on their primary components and project descriptions, for the purpose of providing aggregated information by project type. As additional plans and projects are added to the Grants-to-Projects Bridge, categories may be changed or added.

A. Included Resilience Project Sources and Primary Contacts

The following sources were consulted in compiling this projects list. This list contains the sources of sample resilience projects currently included in the Grants-to-Projects Bridge and does not represent an exhaustive list of sources that could be included in the future.

1. Division of Aquatic Resources (DAR)

Contact: Ryan Okano; ryan.ly.okano@hawaii.gov, Ecosystem Protection Program Manager, Hawai'i Department of Land and Natural Resources Division of Aquatic Resources

2. US Climate Alliance Natural and Working Lands Research Team (NWL)

³ [Climate Change Portal | Grants-to-Projects Bridge \(hawaii.gov\)](#)

Contact: Leah Laramee; Leah.J.Laramee@hawaii.gov, Native Ecosystems Protection and Management Section Liaison, Hawai'i Department of Land and Natural Resources Division of Forestry and Wildlife, US Climate Alliance Natural and Working Lands Research Team

Contact: Johanie Rivera-Zayas; Johanie@hawaii.edu, PhD Researcher in Natural Resources and Environmental Management, University of Hawai'i at Mānoa, US Climate Alliance Natural and Working Lands Research Team

Contact: Susan Crow; Crows@hawaii.edu, Associate Professor of Natural Resources and Environmental Management, University of Hawai'i at Mānoa, US Climate Alliance Natural and Working Lands Research Team

3. Division of Forestry and Wildlife (DOFAW)

Contact: Emma Yuen; emma.yuen@hawaii.gov, Native Ecosystems Program Manager, Hawai'i Department of Land and Natural Resources Division of Forestry and Wildlife (CIP)

Contact: Leah Laramee; Leah.J.Laramee@hawaii.gov, Native Ecosystems Protection and Management Section Liaison, Hawai'i Department of Land and Natural Resources Division of Forestry and Wildlife, US Climate Alliance Natural and Working Lands Research Team (Co-del)

2. Transportation Projects

The purpose of the transportation projects section of the Grants-to-Projects Bridge is to compile a sample of official state and county active and multimodal transportation project lists that are considered high priority. These projects do not have any federal funds identified for them, and so, they are not in the STIPs, but even so, are worthy of consideration as they are identified as priorities by state or county plans. This list of projects is a sample, non-exhaustive list of active and multimodal transportation projects in need of funding across the state collected through consultation with the sources listed in the following section.

The Grants-to-Projects Bridge contains sample transportation projects that are:

1. Active and multimodal transportation projects, including: bicycle, pedestrian, and transit;
2. Identified as "high-priority" in their respective plans;
3. Not currently programmed for federal funds; and
4. Not fully funded by any funding source.

The information fields included in the project spreadsheets are determined by the original transportation plans from which these projects are sourced. Note that while there are many information fields that the plans have in common, the format and available project information may vary.

Included sample transportation projects are categorized as Pedestrian, Bike, or Multimodal based on their primary components and project descriptions, for the purpose of providing aggregated information by project type. Plans that are specific to one project type (pedestrian plan or bike plan) have all projects categorized respectively. Plans that include multiple transportation project types have all projects categorized as Multimodal, due to some ambiguity in project descriptions. As additional plans and projects are added to the Grants-to-Projects Bridge, categories may be changed or added.

A. Included Transportation Plans and Primary Contacts

The following sample of transportation plans and project lists were chosen for inclusion in the Grants-to-Projects Bridge. This list contains sample plans and project lists and does not represent an exhaustive list of plans and project lists that could be included in the future.

Transportation plans and project lists were included in the Grants-to-Projects Bridge if they:

1. Were created by a county or state government agency, such as the HDOT or county planning departments;
2. Are the most recent iteration or version of the plan;
3. Include active or multimodal transportation projects;
4. Contain sufficient detail on each project for the purposes of this Bridge, including all or most of the following: priority, location, jurisdiction, project type and description, cost estimate, and project length (miles).

A note on how “priority” is determined: Priority is explicitly stated in some plans through a numbered/tiered system, or a projected timeline which has been mapped to a number tier (i.e. short-term = priority 1, middle-term = priority 2, long-term = priority 3). Where plans do not explicitly indicate priority, all projects in that plan are treated as priority 1 because of their inclusion in the plan.

The following transportation plans are currently included in the Grants-to-Projects Bridge:

1. Bike Plan Hawai'i Master Plan 2020 Update

Contact: Diane Dohm; Diane.a.dohm@hawaii.gov, State Bicycle and Pedestrian Coordinator, Hawai'i Department of Transportation

ArcGIS mapping of 2020 proposed projects: [ArcGIS - DRAFT STATE BIKEWAYS 2020](#).

2003, most recent published version: [Highways | Bike Plan Hawaii Master Plan](#)

2. Statewide Pedestrian Master Plan 2013

Contact: Diane Dohm; Diane.a.dohm@hawaii.gov, State Bicycle and Pedestrian Coordinator, Hawai'i Department of Transportation

Full plan: [Microsoft Word - Document1 \(hawaii.gov\)](#)

Project list found in Appendix E (starting page 153): [Microsoft Word - Document1 \(hawaii.gov\)](#)

ArcGIS mapping of projects: [HDOT Statewide Pedestrian Master Plan \(arcgis.com\)](#)

3. O'ahu Bike Plan 2019

Contact: Chris Sayers; csayers@honolulu.gov, Bicycle Coordinator, City and County of Honolulu Department of Transportation Services

Full plan: [OBP Final 2019 Oahu Bike Plan Update.pdf](#)

Appendix B (Alphabetical Listing of Projects): [OBP AppB Alphabetical Listing of Projects.pdf \(honolulu.gov\)](#)

4. O'ahu Pedestrian Plan Draft June 2021

Contact: Daniel Alexander; Daniel.alexander@honolulu.gov, Vision Zero Coordinator; City and County of Honolulu Department of Transportation Services

Full plan: [Oahu Pedestrian Plan \(honolulu.gov\)](https://www.honolulu.gov/files/2021/06/Oahu-Pedestrian-Plan-honolulu.gov). Project list included in Tables 10, 11, and 12 (starting on page 37)

Appendices: [Oahu Pedestrian Plan Appendices June2021.pdf \(honolulu.gov\)](https://www.honolulu.gov/files/2021/06/Oahu-Pedestrian-Plan-Appendices-June2021.pdf)

5. 2045 O‘ahu Regional Transportation Plan

Contact: Kiana Otsuka; kiana.otsuka@oahumpo.org, Transportation Planner, O‘ahu Metropolitan Planning Organization

Full Plan: https://www.oahumpo.org/?wpfb_dl=2215

6. Kapa‘a Transportation Solutions 2015

Contact: Larry Dill; Lawrence.i.dill@hawaii.gov, Engineering Program Manager, Hawai‘i Department of Transportation Highways Division – Kaua‘i

Contact: Marie Williams; mwilliams@kauai.gov, Long Range Planning Division Manager, County of Kaua‘i Planning Department

Full Plan found at Kapa‘a Business Association: [DOT Traffic | Kapaa Business Association \(kbakauai.org\)](https://www.kapaabusiness.com/transportation). Project list found in Exhibit 4-1, 4-2, 4-3, and 5-1: [Microsoft Word - Document1 \(secureservercdn.net\)](https://www.kapaabusiness.com/transportation)

7. County of Kaua‘i Department of Public Works Project List 2017

Contact: Michael Moule; mmoule@kauai.gov, Chief of Engineering, County of Kaua‘i Department of Public Works

Contact: Marie Williams; mwilliams@kauai.gov, Long Range Planning Division Manager, County of Kaua‘i Planning Department

B. Considered Transportation Plans and Primary Contacts.

The following sample of plans include sufficient project details and are under consideration to include in the Grants-to-Projects Bridge. We are awaiting further details from primary contacts. This is a sample list of considered plans and does not represent an exhaustive list of transportation plans and project lists that could be considered for inclusion.

1. Central Maui Pedestrian and Bicycle Master Plan for 2030

Contact: Nolly Yagin; nolly.yagin@co.maui.hi.us, Traffic Engineer, County of Maui, Department of Public Works

Full Plan: [Central Maui Pedestrian and Bicycle Master Plan for 2030 | Maui Metropolitan Planning Organization \(mauimpo.org\)](https://www.mauimpo.org/files/2021/06/Central-Maui-Pedestrian-and-Bicycle-Master-Plan-for-2030)

C. Excluded Transportation Plans and Primary Contacts.

There were many active and multimodal transportation plans that were researched but excluded from the Grants-to-Projects Bridge for various reasons. Listed below is a sample of the excluded plans, the primary contacts consulted, and the main reasons for exclusion. Please note that as this tool develops and additional information is found, some of these plans or projects in these plans may be included. This is a sample list of plans and does not represent an exhaustive list of all transportation plans excluded from the Grants-to-Projects Bridge.

Justification for exclusion: The two islands with MPOs create long-range plans, of which the short-range sections feed directly into the islands' Transportation Improvement Programs (TIPs), which then feed directly into the Statewide Transportation Improvement Program (STIP). These plans are excluded from the Bridge because these projects are currently identified for federal funding. Mid- and long-range sections of these plans do not currently have established full funding and all projects may not necessarily be included in the STIP eventually, so these plans will be monitored for potential inclusion in the future.

1. Hele Mai Maui: Long-Range Transportation Plan 2040

Contact: Lauren Armstrong; lauren@mauimpo.org, Executive Director, Maui Metropolitan Planning Organization

Full Plan: [Hele Mai Maui Long Range Transportation Plan 2040 by mauimpo - Issuu](#)

Justification for exclusion: Same as for 2045 O'ahu Regional Transportation Plan justification, above.

2. Maui Short Range Transit Plan 2016

Contact: Lauren Armstrong; lauren@mauimpo.org, Executive Director, Maui Metropolitan Planning Organization

Full Plan: [EXECUTIVE SUMMARY \(mauicounty.gov\)](#)

Justification for exclusion: High level plan, no detailed project list.

3. County of Hawai'i Transit and Multi-Modal Transportation Master Plan (Hele-On Master Plan) 2018

Contact: Natasha Soriano; natasha.soriano@hawaiicounty.gov, Transportation Planner, County of Hawai'i Planning Department

Full Plan: [180813-FINAL-FULL-REPORT-reduced.pdf \(heleonmasterplan.com\)](#)

Justification for exclusion: High level plan, no detailed project list.

4. Hawai'i Island Shared Mobility Roadmap February 2020

Contact: Natasha Soriano; natasha.soriano@hawaiicounty.gov, Transportation Planner, County of Hawai'i Planning Department

Full Plan: [Hawaii Island Shared Mobility Roadmap \(hawaiicounty.gov\)](#)

Justification for exclusion: High level plan, no detailed project list.

5. County of Hawai'i Stree Design Manual October 2020

Contact: Natasha Soriano; natasha.soriano@hawaiicounty.gov, Transportation Planner, County of Hawai'i Planning Department

Full Plan: [Count of Hawaii Street Design Manual Final With Signature - Laserfiche WebLink \(hawaiicounty.gov\)](#)

Justification for exclusion: Includes guidelines for street facilities, but no detailed project list.

6. Downtown Hilo Multimodal Master Plan April 2018

Contact: Natasha Soriano; natasha.soriano@hawaiicounty.gov, Transportation Planner, County of Hawai'i Planning Department

Full Plan: [Downtown Hilo Multimodal Master Plan 2018 \(hawaiicountycdp.info\)](#)

Justification for exclusion: Includes recommendations, possible funding sources, and phasing information, but no cost estimates for projects.

7. Kaua'i Kākou General Plan 2018

Contact: Marie Williams; mwilliams@kauai.gov, Long Range Planning Division Manager, County of Kaua'i Planning Department

Full Plan: [Kauai Kakou General Plan 2018 Online.pdf \(dropbox.com\)](#)

Justification for exclusion: High level plan, no detailed project list.

8. Kaua'i Short Range Transportation Plan 2018

Contact: Marie Williams; mwilliams@kauai.gov, Long Range Planning Division Manager, County of Kaua'i Planning Department

Full Plan: [Kaua'i SRTP Final Report 2018.pdf \(kauai.gov\)](#)

Justification for exclusion: High level plan, no detailed project list.

9. Kaua'i Multimodal Land Transportation Plan 2012

Contact: Marie Williams; mwilliams@kauai.gov, Long Range Planning Division Manager, County of Kaua'i Planning Department

Full Plan: [Kauai-MLTP-Final-compressed.pdf \(plankauai.com\)](#)

Justification for exclusion: High level plan, no detailed project list.

D. Additional Information

Listed below is additional information gained through email discussions with the primary contacts for each of the included and excluded transportation plans, as well as any additional details related to the plans.

1. Bike Plan Hawai'i Master Plan 2020 Update

Contact: Diane Dohm; Diane.a.dohm@hawaii.gov, State Bicycle and Pedestrian Coordinator, Hawai'i Department of Transportation

This included project list is a draft 2020 update which primarily includes projects from the 2003 Bike Plan Hawai'i that have not yet been implemented. Project details including cost estimates and priorities are subject to change before the final 2021 update. The 2020 Update does not currently have cost estimates for its included projects.

Email: Anu Hittle to Diane Dohm; June 1, 2021

I'm writing almost a year later, still working on this topic, and trying to round up some info on what projects are out there in bike and pedestrian plans, statewide. I'm wondering if this is something you already have and are able to share?

Email: Diane Dohm to Anu Hittle; June 2, 2021

Here is the link to the new bike/ped web page:

HDOT Bicycle & Pedestrian Program

The below link has three web pages: Bicycle Planning, Pedestrian Planning, and the Transportation Alternatives funding program. This web link is already placed on the other bike/ped web pages on our existing site to direct folks to the new information. These new web pages will be updated annually.

<https://highways.hidot.hawaii.gov/stories/s/h4ss-c6xy>

Here are other useful tidbits of information:

HDOT Bicycle & Pedestrian Forum

This is an online forum to provide us with your comments/concerns for state DOT facilities. This forum is managed by the HDOT Public Affairs Office.

<https://hidot.granicusideas.com/discussions/state-bike-ped-facilities>

HDOT Safe Communities Program

This web page tracks the current year's ongoing tally of fatal crashes (updated at least monthly). It is managed by the Highway Safety Office.

<https://hidot.hawaii.gov/highways/safe-communities/>

HDOT Fatal Crash Map (and project map)

<https://www.arcgis.com/apps/MapSeries/index.html?appid=39e4d804242740a89d3fd0bc76d8d7de>

Complaints

<https://hidot.hawaii.gov/highways/home/about/contact-us-highways-division-directory/>

Email: Anu Hittle to Diane Dohm; June 2, 2021

Thanks so much, Diane!! Appreciate the speedy response!

Wow, what a lot of good stuff--I'll go through it and let you know if any further questions!

One thing I wondered would it be possible to get the xls version of this document?

Hawai'i Bike Plan, Appendix G (Proposed Bike Facilities by Priority Level): [BikePlan F chapters \(hawaii.gov\)](#)

Email: Diane Dohm to Anu Hittle and Parker Kushima; June 17, 2021

As described on the [HDOT Bicycle Planning webpage](#), we are in the process of refreshing the proposed project list for HDOT facilities in the Bike Plan Hawaii. We are updating the cost estimates, basic feasibility, and prioritization. We will be able to provide you with an updated list later this year or early next year.

I attached the 2003 HDOT list of proposed projects that have not yet been completed. I would also recommend that you look at the [online GIS map](#) that shows you where the HDOT proposed projects are located. The basic project information is included on the GIS map -- click on the line and you will see the information.

A brief note about costs: Appendix B in the 2003 Bike Plan Hawaii details the planning-level cost estimates per mile for each facility type based on the level of work involved (A-B-C). The HDOT uses a more detailed approach than the City and County of Honolulu, but you can review their planning-level cost estimates for the Oahu Bike Plan to start to get a general ballpark estimate per mile per facility type (attached). We are working on our project cost estimates, which should be ready to be shared publicly later this year.

2. Statewide Pedestrian Master Plan 2013

Contact: Diane Dohm; Diane.a.dohm@hawaii.gov, State Bicycle and Pedestrian Coordinator, Hawai'i Department of Transportation

Email: Diane Dohm to Parker Kushima; June 17, 2021

On the [HDOT Pedestrian Planning webpage](#), there is also an [online GIS map](#) for the proposed projects in the Statewide Pedestrian Master Plan. We are in the process of moving projects M2 (Maui) and H1 (Hawai'i) into project development. Project M6 (Maui) -- coincides partially with project M16 on the Bike Plan Hawaii - is also in discussion with a larger transportation project that is currently in project development. Additionally, we are in the process of installing raised crosswalks in the areas of projects K6 (Kaua'i) and H3 (Hawai'i) to provide additional pedestrian safety and speed management. You can view the raised crosswalks map also on the [HDOT Pedestrian Planning webpage](#). Most of the HDOT raised crosswalks are near schools and many locations also had a fatal pedestrian crash within the last 10 years.

Email: Parker Kushima to Diane Dohm; July 19, 2021

I was wondering if you have an Excel spreadsheet version of the Statewide Pedestrian Master Plan Appendix E: Areas of Concern Project Descriptions. This would be very helpful in consolidating the project information there.

Email: Diane Dohm to Parker Kushima; July 26, 2021

Please see the attached list. I inserted some additional information for you all to see what is already moving into project delivery and what will be completed with other larger transportation projects that are planned.

Please also visit the Pedestrian Planning webpage, which includes links to a GIS map of these projects.

<https://highways.hidot.hawaii.gov/stories/s/Pedestrian-Planning/a6mu-vr5z>

3. O'ahu Bike Plan 2019

Contact: Chris Sayers; csayers@honolulu.gov, Bicycle Coordinator, City and County of Honolulu Department of Transportation Services

Email: Anu Hittle to Daniel Alexander; June 2, 2021

Hi again Daniel, just wondering if you are able to share a xls version of this info in the bike plan?

Oahu Bike Plan, Appendix B (Alphabetical Listing of the Proposed Bikeway Projects): [OBP AppB Alphabetical Listing of Projects.pdf \(honolulu.gov\)](#)

It would save us a lot of time, as online converters from pdf to xls seem pretty inadequate.

Email: Parker Kushima to Daniel Alexander; June 10, 2021

My name is Parker Kushima and I've been working with Anu to gather information about shovel-ready active transportation projects in need of funding across the state.

Following up on Anu's previous email, are you able to share the Excel file for Appendix B of the O'ahu Bike Plan? [OBP AppB Alphabetical Listing of Projects.pdf \(honolulu.gov\)](#)

We've also been looking at the Honolulu Complete Streets current projects list on the website. If you have an Excel spreadsheet of the Complete Streets projects list, we would greatly appreciate that as well!

Email: Daniel Alexander to Parker Kushima; June 10, 2021

First, we don't have a spreadsheet with the [Complete Streets] projects. Best to just look at the website.

For the Bike Plan, see attached two spreadsheets – proposed bikeways and redevelopment bikeways. These two make up appendix B, but note that we don't plan on building any of the redevelopment bikeways as these are plans for future potential private developments. Also note, the spreadsheets are exported from GIS shapefiles (we didn't actually have it in excel), so you might find some funky things in the formatting.

4. O'ahu Pedestrian Plan Draft June 2021

Contact: Daniel Alexander; Daniel.alexander@honolulu.gov, Vision Zero Coordinator, City and County of Honolulu Department of Transportation Services

The included version of this plan is a draft. Details are subject to change upon final release. This plan includes one lump sum cost for all New Walkway projects and one for all Walkway Upgrade projects. New Walkways are prioritized by tier, but the cost estimate reflected in the spreadsheet includes all priority tiers. Off-Street Path projects were carried forward from the O'ahu Bike Plan and were not included with the O'ahu Pedestrian Plan projects.

Email: Parker Kushima to Daniel Alexander; July 19, 2021

Email: Daniel Alexander to Parker Kushima; July 22, 2021 (Blue)

Great work to everyone on the Oahu Pedestrian Plan! Looks like there's a lot of work to be done, but this plan helps to put it all in perspective.

We are still working on compiling shovel-ready active transportation projects across the state, and this plan will be great to include. I have a few questions as we add these projects in:

1. If available, could we please get an Excel spreadsheet of Table 10, 11, and 12? [I'll get back to you with this in a day or two.](#)
2. Is Table 11: Off-Street Paths included in the \$540 million for new walkways? [No. But you can find this in the Oahu Bike Plan, I believe the Whitmore Village-Wahiawa path is the only exception and you can get a price figure on that by looking for the EA.](#)
3. We've heard that this is the June draft of this plan. Are the projects lists likely to change in future revisions? [Unknown at this point, but there's certainly a chance. Definitely note that it's all draft at this point and subject to change in the final plan.](#)

Email: Parker Kushima to Daniel Alexander; August 12, 2021

I was wondering if there is any further breakdown of project costs in the O'ahu Pedestrian Plan? I know you mentioned a while back that there were no per-project costs due to variability, but I'm specifically wondering if there is a breakdown of the \$540M for New Walkways **per priority tier**. We would like to compile all of the plans we're looking at to calculate Total Priority 1 Project Costs per island, so this figure would be very helpful!

5. 2045 O'ahu Regional Transportation Plan

Contact: Kiana Otsuka; kiana.otsuka@oahumpo.org, Transportation Planner, O'ahu Metropolitan Planning Organization

The transportation plans created by the MPOs (O'ahu and Maui) were originally not included in the Grants-to-Projects Bridge because they are programmed for federal funds through inclusion in their respective island's TIP, which is then included in the STIP. After discussions with Kiana Otsuka, it was decided that it would be beneficial to include the medium- and long-range projects from these plans. While projects that are farther out are programmed for federal funding, funding is not yet identified or allocated. Funding these projects ahead of time can also open space for additional priority projects to be added to the fiscally constrained lists.

Email: Kiana Otsuka to Parker Kushima and Anu Hittle; October 6, 2021

Thanks to you and Anu for chatting with me this afternoon. As promised, here is the ORTP project and program list: [ORTP 2045 Project and Program Submissions.xlsx](#)

I would look at the tab that says "All - Fiscal Constraint". You can download and save this file, and then you can sort by project type. I think for your purposes, I would look at the projects that are labeled as transit and pedestrian/bicycle. There's also safety projects and transportation demand management, that you can also consider including. Many of these are programs and not stand-alone projects, so not sure what's best for your project?

Upon looking for DOH's socioeconomic index, I can access HIPHI's index: <http://www.hawaiihealthmatters.org/indicators/index/dashboard?id=83016762158625665>

And HDOH's data warehouse: <http://hhdw.org/>

Let me know if I can answer any questions or if I missed any follow-up items

6. Kapa'a Transportation Solutions 2015

Contact: Larry Dill; Lawrence.j.dill@hawaii.gov, Engineering Program Manager, Hawai'i Department of Transportation Highways Division – Kaua'i

Contact: Marie Williams; mwilliams@kauai.gov, Long Range Planning Division Manager, County of Kaua'i Planning Department

The spreadsheet included in the Bridge was created by Parker Kushima using the full plan and notes from Larry Dill. Only projects related to bike, ped, transit, and multimodal transportation were included from this study. Please see the full plan for all projects.

Priority 1 projects reflect the funding constrained Priority Recommendations included in Exhibit 5-4 of the plan. Priority 2 projects include the Prioritized Short-term projects in Exhibit 4-1 and the Prioritized Transit and Shuttle Services projects in Exhibit 4-4 not already included in Exhibit 5-4. Priority 3 projects are the Prioritized Mid-term projects in Exhibit 4-2 not already included in Exhibit 5-4. No projects were included from Exhibit 4-3, Prioritized Long-term projects.

Email: Parker Kushima to Marie Williams and Leanora Kaiaokamalie; July 29, 2021

I've been searching for these projects in established State and County transportation plans, and I've looked at the Kaua'i Kākou General Plan 2018, Kaua'i Short Range Transportation Plan 2018, and the Kaua'i Multimodal Land Transportation Plan 2012, though none of these plans included specific project lists with information such as cost estimate and priority/timelines.

I've recently come across the [Kapa'a Transportation Solutions 2015](#) plan for Kaua'i, and this plan includes a project list with specific details. I have a few questions:

1. Are this plan and the priority projects listed in [Chapter 4](#) currently in use and reflective of Kaua'i's priorities?
 - a. Do you have any information regarding the status of these projects? For example, the Short-Term projects all have a timeline of <5 years from 2015, so are these projects completed?
2. Do you have access to updated Excel spreadsheets of the priority project tables listed on pages 4-4 to 4-7? If so, could you please send us a copy?
3. Do you know of any other active transportation plans or project lists for Kaua'i, such as any bike/pedestrian plans? We've included the State Bike and Pedestrian plans already.

Email: Marie Williams to Parker Kushima; July 29, 2021

The General Plan and Multimodal Land Transportation Plan are high-level, policy plans so they would not contain detailed information on projects. However, the General Plan includes a list of priority transportation projects. Most of the projects are not shovel ready. The list is attached.

Michael Moule at Public Works compiled a list of transportation projects (taken from all our community and town plans) but most of those are not shovel-ready either. If this list would be useful, then let us know.

As for a list of shovel-ready projects, the best source would definitely be Michael.

Finally, the Kapaa Transportation Solutions plan was a joint effort by the DOT and County, but many of the solutions are under the jurisdiction of the State. The best source for a status update would be Larry Dill (Kauai Branch - DOT).

Email: Larry Dill to Parker Kushima; August 5, 2021

The attached page from the Kapaa Transportation Solutions identified the top priorities to pursue from that study. Status of those:

- Project 6 – not programmed. Generally planned to follow Project 38 below.
- Project 27 – under construction.
- Project 33 – complete.

- Projects 17, 31, 34 – underway. Current project upgrading all signal equipment will be followed by optimization of all signal timing and coordination of signals through corridors.
- Project 38 – on hold. This project was to be funded by the increase in the Rental Car Revenue Surcharge recently approved by the legislature. We were in the process of consultant selection when the pandemic hit, and rental car revenues plummeted.
- Project 8 – The project was made a condition of approval by DOT for the HoKua Place project which was recently before the State Land Use Commission.
- Project 16, 20 –
- Project 3 – intended to implement in conjunction with Project 6.
- Project 24 – County of Kauai project – check with them.
- Project 23 – County of Kauai project – check with them.

Also attached is the draft fiscally constrained STIP for FY22 through FY27. Note that the projects in 2026 and 2027 are “informative only” and do not yet have funding identified.

Finally, also see https://hidot.hawaii.gov/highways/files/2014/09/Regional-Federal-Aid-Highways-2035-Transportation-Plan-for-the-District-of-Kauai_Yong.pdf for the Kauai long range plan.

Unfortunately I do not have the priority projects for the Kapaa Transportation Solutions in Excel spreadsheet form; I only have the study.

7. County of Kaua‘i Department of Public Works Project List 2017

Contact: Michael Moule; mmoule@kauai.gov, Chief of Engineering, County of Kaua‘i Department of Public Works

Contact: Marie Williams; mwilliams@kauai.gov, Long Range Planning Division Manager, County of Kaua‘i Planning Department

This list was compiled by the County of Kaua‘i Department of Public works, and projects were included in the Grants-to-Projects Bridge if they included bike, ped, or other multimodal elements in their project name. All projects included from this list are considered Priority 1, due to this being a prioritized list with no additional priority indication.

From the original document: This list of projects is a compilation of all road, path, and bridge projects that have been identified as possible projects that are eligible to be funded with the General Excise and Use Tax Surcharge for Kauai, as authorized by the State Legislature. Here are some additional notes about this list:

- The bridge repair and replacement projects have been prioritized and had a "year funding needed" identified, based on the approximate bridge sufficiency rating for each bridge.
- The road and shared use path projects have not been prioritized or scheduled, except for a small number of projects that are part of the Statewide Transportation Improvement Program (STIP). Clearly, not all of these projects can be funded within the 10-year funding cycle. If the Tax Surcharge is approved by Council, the County would prioritize the projects. The current General Plan Update process will provide guidelines and criteria for prioritization.

- Projects in the "Road Projects" list include new roads, road widening, shoulder widening, road realignment, sidewalk construction, drainage projects, streetscape projects, bike lane construction, and more.
- The highlighted projects are projects that are part of the STIP, and are already moving through the planning and design process. These projects are anticipated to be ready to construct as soon as the funding is available in 2018, to use as the County's match.
- The cost estimates for most of the projects in this list are "order of magnitude" estimates using the most basic "planning-level" cost estimating procedures. Actual costs for these projects could vary significantly once detailed project scoping has been completed.
- Except for a few projects that are typically already scheduled, this list does not include roadway resurfacing and rehabilitation needs.
- Most of the projects listed were added to the list based on planning documents, bridge inspections, and other studies or reports. Other projects were added based on discussions and comments at public meetings. Some projects were identified by Public Works Engineering staff. The sources for these projects are identified in the rightmost column of the tables. See the key below.

Code in "Source" Column of Table	Document or Other Source That Identified Each Project
B-DPW	Bridge Evaluations by DPW staff
BIR	Bridge Inspection Reports
ENG	Engineering Investigation by DPW Engineering Division, often based on requests from Council, Other Departments or Divisions, or the public.
FAHTP	Federal Aid Highways 2035 Transportation Plan for Kaua'i
KTP	Kilauea Town Plan
KTS	HDOT Kapa'a Transportation Solutions Study
LCP	Līhu'e Community Plan
PUBLIC	Public Meetings and Charrettes (E.g. General Plan tours and meetings; Hanapepe Road charrette, Kawaihau SRTS charrette, Kilauea Neighborhood Association);
SKCP	South Kaua'i Community Plan
SRTS	Safe Routes To School Task Force
STIP	State Transportation Improvement Program

Email: Marie Williams to Parker Kushima; August 6, 2021

Attached is the list of potential transportation projects prepared by Public Works. Many of the projects have a component that would support mode shift/active transportation. Please see Michael Moule's explanation and caveats below.

Here is the list. There are many caveats that go with this list; here are some of those caveats:

1. It was last updated in late 2017.
2. The cost estimates are very rough.
3. Various people worked on this and I don't recall all of the formatting and other items shown in here, so I think I was not the last person to edit this.

Regarding the other question in the email thread below, we don't have any "shovel ready" projects that are strictly active transportation projects. The Moi Road Sidewalk Project is one that could be shovel ready fairly soon. It is CIP funded, however. All of the rest of our projects that have active transportation aspects are larger Federal Aid projects that are multimodal in nature and include more than just the active transportation aspects. We always have more federal aid projects than we have federal funding, and it would always be useful to use outside funding for the County match instead of County funding. For example, we are about to break ground on the Kawaihau, Mailihuna, Hau'a'ala Complete Streets and Safety project, which is largely a safe routes to school project although it doesn't use SRTS-specific funding. If there were funds available we could use those for either the local match or the Federal share. The final portion of Federal funds for that project are set aside in next Federal Fiscal Year, and if we found other funding for the project, we could repurpose the federal funds for another project.

8. Maui County Transportation Plans

Contact: Lauren Armstrong; lauren@mauimpo.org, Executive Director, Maui Metropolitan Planning Organization

Email: Parker Kushima to Lauren Armstrong; June 3, 2021

Email: Lauren Armstrong to Parker Kushima; June 3, 2021 (Blue)

I hope you're doing well! We are currently looking to compile information about State and County active transportation projects which are not ready or not eligible for federal funds and are not fully funded by other sources (State, County, Local). We've primarily looked at Hele Mai Maui, the Maui TIP 2022-25, and the Maui Short Range Transit Plan for information. We have a couple of questions about the projects included in the Hele Mai Maui plan.

1. Is Hele Mai Maui a comprehensive list of Maui Island transportation projects? (Looking at Appendix E: Recommended Projects and Capital Costs) [Hele Mai Maui addresses federal aid eligible and regionally significant projects. It's fairly comprehensive but there may be additional projects in the County CIP list \(available online\) and State highways programs \(more digging required\). Appendix C is the complete project list we compiled before prioritizing the "recommended projects"](#)
 - a. If no, does a comprehensive list exist? [Hele Mai is the most comprehensive and current list I'm aware of](#)

- b. Are all of these projects fully funded by their identified funding source? We would be interested in including non-federally funded projects that are only partially funded by other sources. [Most of the near-term projects are funded and programmed in the Transportation Improvement Program](#). For mid and long-term projects it's less clear which will become fully funded in the future.
2. Is there a comprehensive list of Lānaʻi and Molokaʻi transportation projects? [Maui County Department of Public Works may have that list but Maui MPO only serves the island of Maui](#).
3. Can we please get an Excel spreadsheet copy of the Hele Mai Maui Appendix E? [See attached](#).

Email: Parker Kushima to Lauren Armstrong; July 22, 2021

We are continuing to compile active transportation project lists across the state, and I came across the [Central Maui Pedestrian and Bicycle Master Plan for 2030](#). I have a few questions about it:

1. Is this a current plan for Maui, and are the priority projects highlighted in Part Four still applicable today?
 - a. I see that some projects are past their scheduled timeline. Is there an updated list of projects that have not been completed yet?
2. Could we please get Excel spreadsheet copies of the tables on pages 61-66.

Email: Lauren Armstrong to Parker Kushima; July 26; 2021

The subject plan was developed by State DOH and the project steering committee prior to Maui MPO's formation, so I don't have a copy of the spreadsheet.

As far as applicability of the projects today, you could cross-reference with more recent plans like [Hele Mai Maui](#) p. 31 and the ongoing Hele Kakou Kahului.

I'm cc'ing County Department of Public Works traffic engineer Nolly Yagin as he is more familiar with the Central Maui Bike/Ped Master Plan and is also working on Hele Kakou Kahului.

9. Hawai'i County Transportation Plans

Contact: Natasha Soriano; natasha.soriano@hawaiiicounty.gov, County of Hawai'i Planning Department, Transportation Planner

Email: Parker Kushima to Natasha Soriano; June 3, 2021

We're currently looking to compile information about State and County active transportation projects that are not ready or not eligible for federal funds and are not fully funded by other sources (State, County, Local). This information would ideally include project cost, currently identified partial funding sources (if any), and phasing/priority.

We've looked at the Hele On Master Plan, the Shared Mobility Roadmap, and the Downtown Hilo Multimodal Master Plan, but we weren't able to find project lists including the information we need. Hele On includes the transit CIP and Financial Plan, but it looks like all of the CIP expenses are accounted for there. The Hilo Multimodal Master Plan includes project recommendations, but no detailed cost information. After reviewing these plans, we've got a couple of questions.

1. Are there any active transportation plans that we've missed?
2. Is there a comprehensive list of Hawai'i Island active transportation projects?
 - a. If yes, it would be great if we could get an Excel spreadsheet of the information if allowed.

Email: Natasha Soriano to Parker Kushima; June 3, 2021

We don't have a active transportation plan yet (I hope to be working toward one soon). I don't have a running list or active transportation project but I can put together a list of projects the working on. The MTA plan list the CIP projects for their program and though they may have a budget and funding source, it was created just before the pandemic an so the financial situation for a lot of those projects are not clear. A lot of the financial planning was based on additional GET but revenue has been down and the tax is set to sunset in a year or two. We would like to move toward getting more federal funding for the transit hubs and move into a space where they become mobility hubs. I'm sorry I'm off tomorrow but we could try to fit in a call Monday morning.

10. Katie Rooney Emails

Contact: Katie Rooney; krooney@ulupono.com, Ulupono Initiative, Director of Transportation Policy and Programs

Email: Parker Kushima to Katie Rooney; June 10, 2021

We have a couple of questions regarding the current Complete Streets projects listed on their website: [Current Projects \(honolulu.gov\)](https://www.honolulu.gov/current-projects)

1. Is the TA Set-Aside the only eligible federal funding source for Complete Streets projects?
2. Do you know if there is any information on the projected costs or funding status of the current Complete Streets projects?

Email: Katie Rooney to Parker Kushima; June 11, 2021

Doing just fine! In response to your questions -

#1 - nope, most of the federal funding programs are flexible. It just depends on the project and what it is doing. But the salt lake widening project is billed as a complete street project (and is within the portfolio) and being programmed for STBG funds (surface transportation block grants). https://www.oahumpo.org/?wpfb_dl=2347

#2 - presumably you mean outside of the resources on the Complete Streets page and annual report ([https://www.honolulu.gov/rep/site/dts/Complete Streets Progress Report FINAL - DEC 2020.pdf](https://www.honolulu.gov/rep/site/dts/Complete%20Streets%20Progress%20Report%20FINAL%20-%20DEC%202020.pdf)) I would check the current and past CIPs here - <http://www.honolulu.gov/budget/budget-operating-cip.html>

There may also be some information in the CAFR - <http://www.honolulu.gov/budget/budget-cafr.html>. The Oahu MPO may also have that information in their TIP https://oahumpo1-my.sharepoint.com/:x:/g/personal/kotsuka_oahumpo_org/ERrrxbAw8VpNh7OYqXGeB2YBRaTAKFdyNdjxsZ2t_q-H9Q?rttime=p9LQATIt2Ug and ORTP project list, if being set up for federal funding. <https://www.oahumpo.org/plans-and-programs/oahu-regional-transportation-plan-ortp/>

11. TAP Projects

Contact: Genevieve Sullivan; genevieve.h.sullivan@hawaii.gov, Planner VI, Hawai'i Department of Transportation Highways

Email: Anu Hittle to Genevieve Sullivan; June 23, 2020

Sorry to barrage you with emails, but I also wondered where I could find a list of TAP projects funded over the past few years?

Email: Genevieve Sullivan to Anu Hittle; July 7, 2020

Below are the TAP projects awarded by year:

2016 Projects

HART Chinatown Secure Bike Storage Units (FHWA to FTA Flex funds) - HART **\$1,000,000**

Haleiwa Road Multi-Use Path - DTS **\$225,000**

Bikeshare Equipment for Honolulu System – DTS **\$1,200,000**

TOD Wayfinding Master Plan – DPP **\$400,000**

Date Street Bikeway Bridge – DTS (the project was withdrawn) **\$400,000**

2017 Projects

Bikeshare Equipment Expansion (this includes HDOT and OMPO awarded funds) – DTS **\$3,800,000**

Maui Bicycle & Pedestrian Route Development & Wayfinding - DPW **\$272,000**

Waiale Road Complete Streets Improvements – Maui County DPW **\$160,000**

Papa Avenue Complete Streets Improvements – Maui County DPW **\$200,000**

Hanalei Valley Viewpoint Relocation – Kauai County DPW **\$700,000**

2018 Projects

Bikeshare Equipment Expansion – Hawaii County and PATH **\$120,000**

West Maui Greenway – DPW **\$200,000**

OMPO Projects

Ala Wai Bridge Project **\$1,600,000**

East Kapolei Rail Station **\$800,000**

Middle Loch Connector Multi Use Path – Pearl City Area **\$500,000**

Bikeshare Equipment for Honolulu System - **included in combined award above**

3. Grants

This section helps to identify and compile community and local and other funding sources that focus on improvement and access to better health, education, transportation equity, and sustainable ecosystems which impact our life in Hawai'i. While funding programs and grants that focus on resilience are currently not comprehensively included here, the latest addition includes the Infrastructure Investment and Jobs Act "buckets" as compiled by the US Climate Alliance.

This is not an exhaustive list of grants available for high priority projects, and is only a starting point. The list was compiled through web research and interviews. Contact information is listed in the spreadsheets. However, there are several pieces of missing information. This information will continue to be updated as key grants become available.