



Delivering Projects to Keep Hawai'i Moving

Presentation at the 12th Annual CMAA Hawai'i Chapter Mini Conference



Priorities



Safety



Preservation/ Resilience/
Adaptation



Housing



Energy &
Food Security

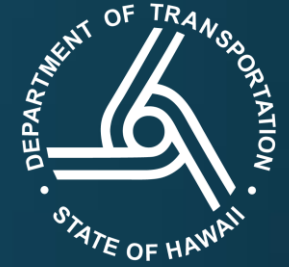


Education



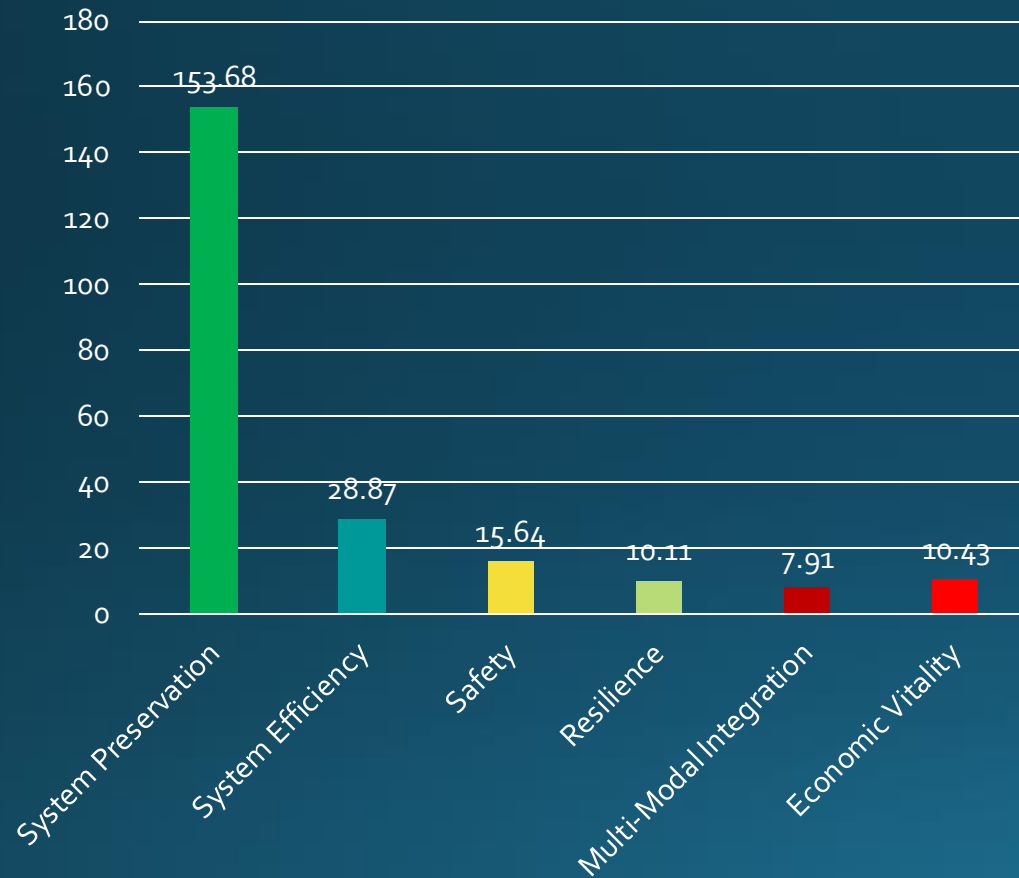
Cost of Living &
Economy

Outlook



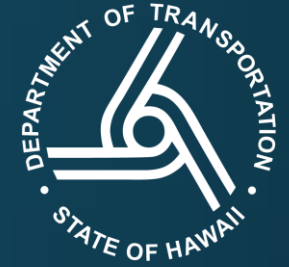
- Funding
 - \$848 million in CIP for airports
 - \$456.4 million for highways
 - \$137.5 million for harbors
- Upcoming Projects
- Lessons Learned
- Quality

FY 2023 Estimated Expenditure Highways (in millions)

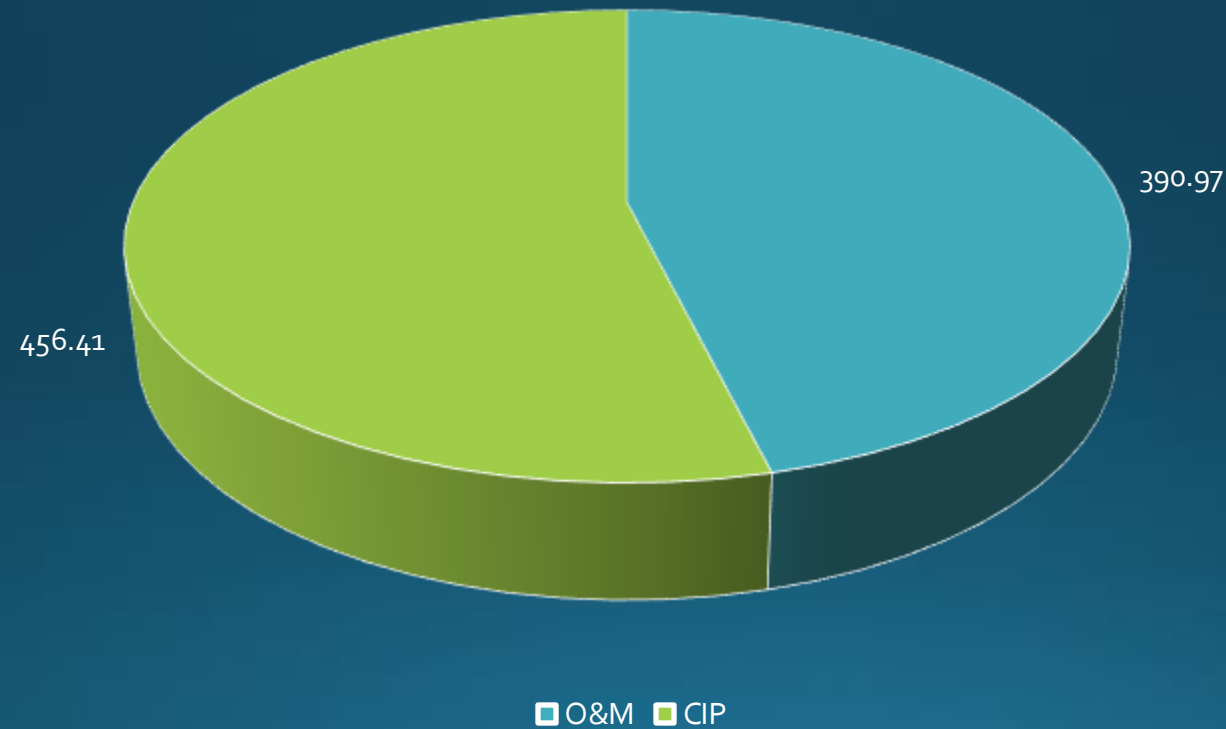


- ACT 100 breakdown
- Other categories are included in system preservation projects

FY 2024 Budget Highways



Proposed budget (in millions)

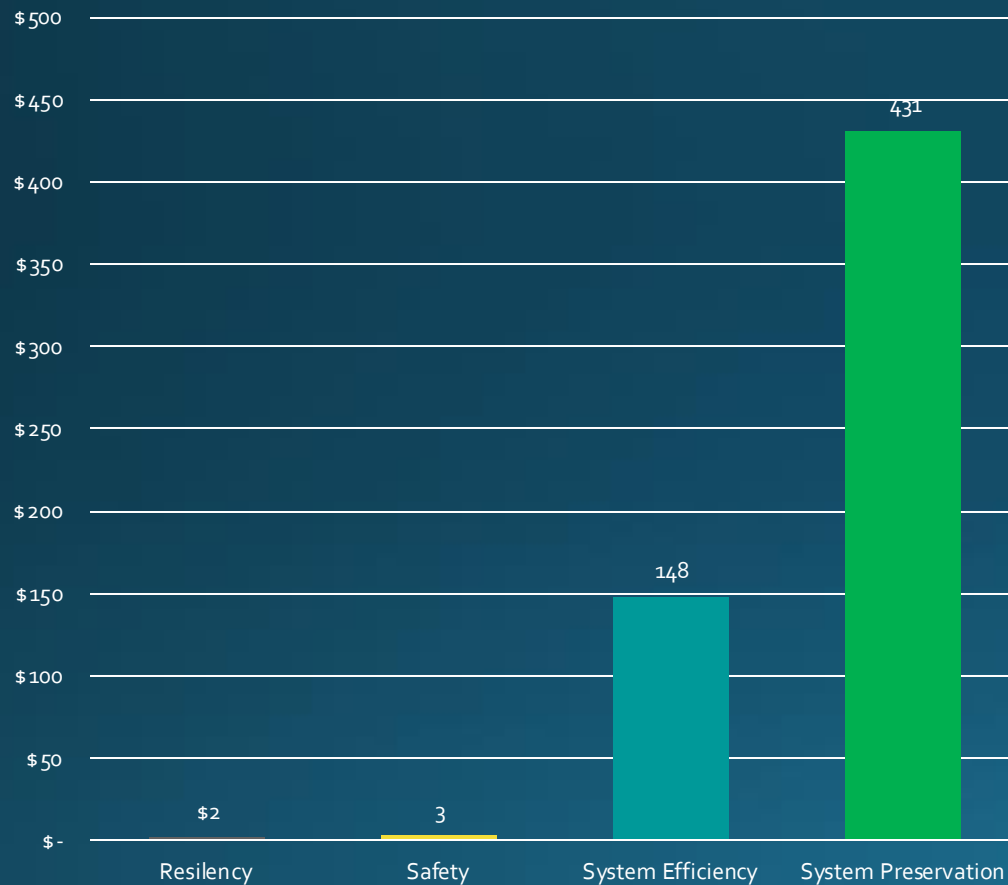
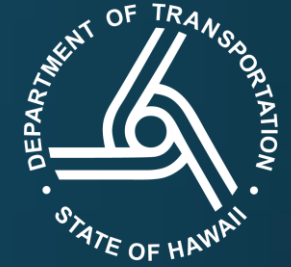


HIGHWAYS PRIORITY PROJECTS

- Honoapi'ilani Realignment (RAISE Grant, Olowalu to Ukumehame)
- Farrington Highway Widening (\$155 M)
- Waianuenue/Bayfront/Kamehameha Intersection Improvements
- Kapolei Interchange - Phase 3 (\$47 M)
- Wai'ale Road Extension (\$38M)
- Ahukini Road Widening
- H-1 Kunia to Waiawa (\$22 M)



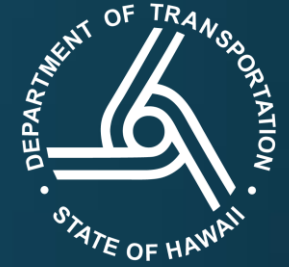
FY 2023 Estimated Expenditure Airports (in millions)



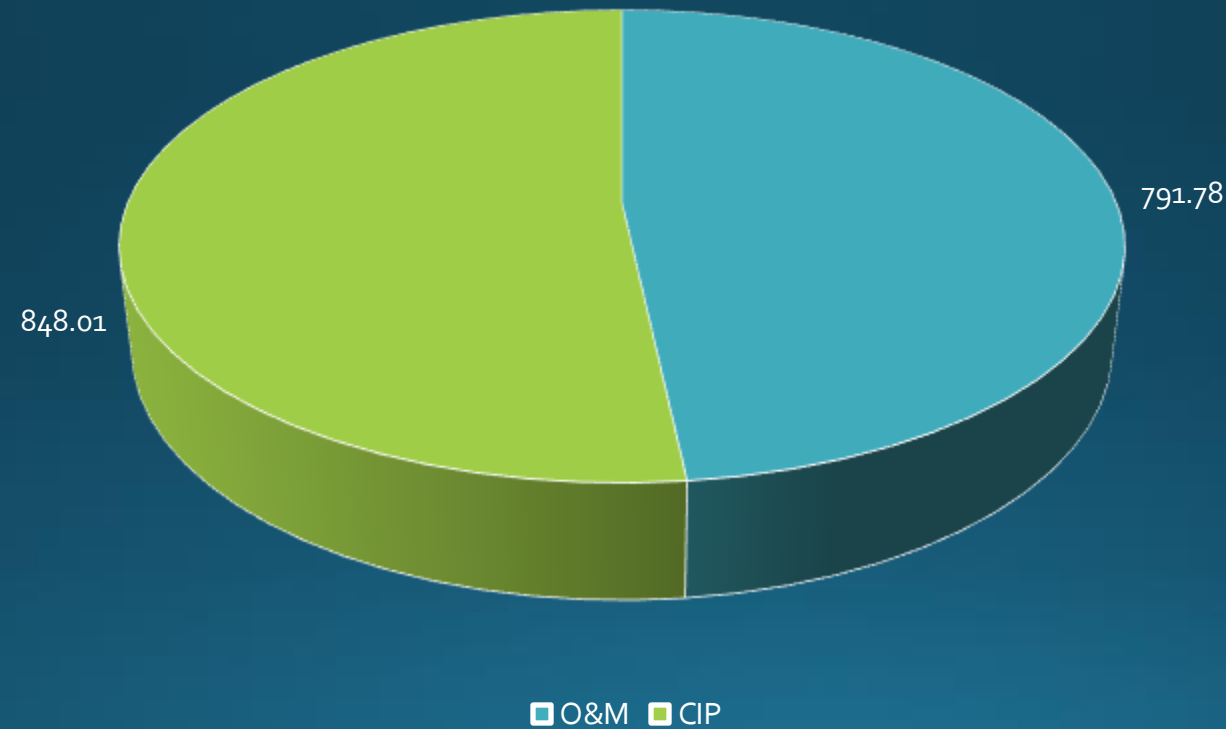
Preserving existing infrastructure ensures airports can operate safely.



FY 2024 Budget Airports



Proposed budget (in millions)



AIRPORTS FED FUNDED PROJECTS

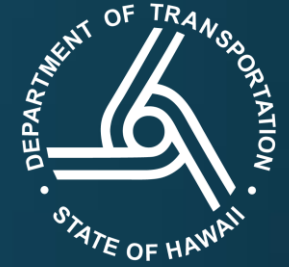
- KOA, Fire Alarm System Improvements (\$1.6M)
- KOA, Runway 17-35 Rehabilitation (\$90M)
- HNL, Vault N Replacement (\$9.4M)
- JRF, Utility System Improvements (\$20M)
- KOA, Renovation of WWTP (\$4M)
- ITO, Fire Alarm System Improvements (\$1.6M)
- OGG, Fire Alarm System Improvements (\$1.2M)
- OGG, South TSA Checkpoint (\$62.3 M)
- ITO, Terminal Fire Sprinkler Improvements (\$2M)
- OGG, Perimeter Fence Replacement (\$14.1M)

Harbors Estimated Expenditures (FY 2023)

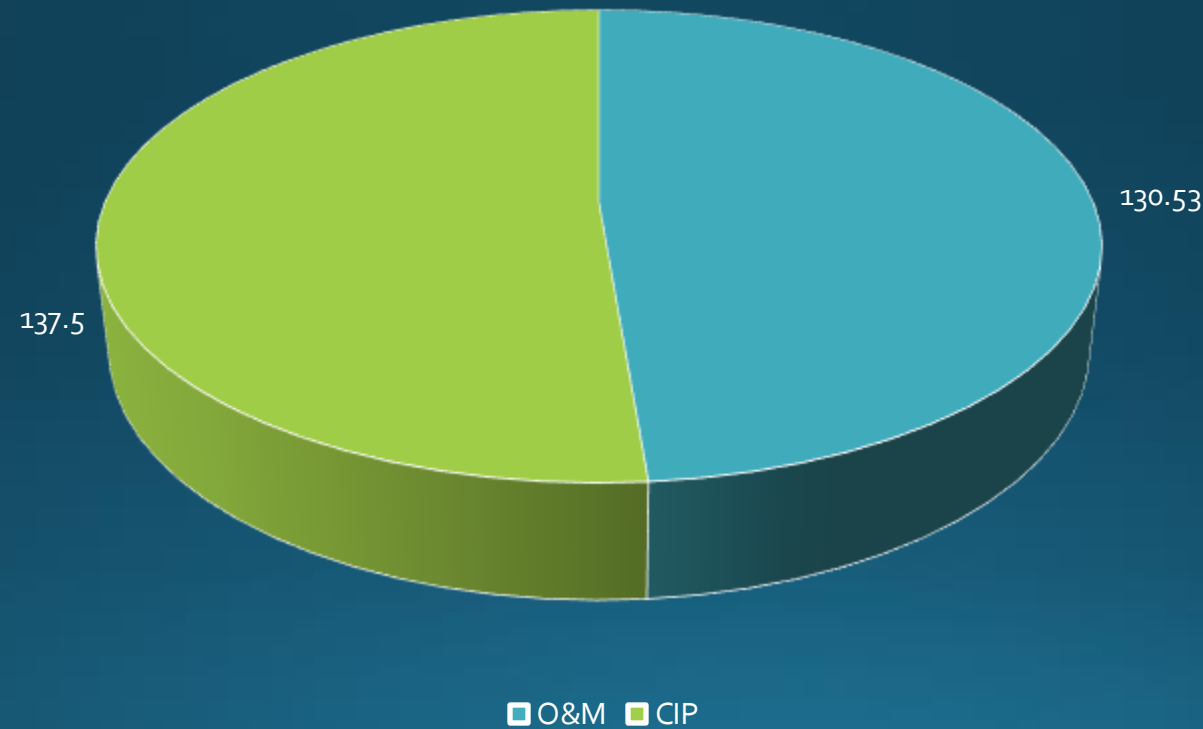


Project Title Description	Harbor	Project Category	Total
KCT CM AMENDMENT (YKE)	Honolulu	Efficiency, Resiliency	\$ 2,000,000
KCT DESIGN WATERSIDE AMENDMENT (M&N)	Honolulu	Safety, Efficiency	\$ 3,500,000
KCT Dept Army Permit Modification Coral (DAR-MOA PENDING)	Honolulu	Efficiency, Resiliency	\$ 2,500,000
KCT LANDSIDE WATERSIDE CONTINGENCY FOR UNFORESEEN	Honolulu	Efficiency, Resiliency	\$ 10,000,000
Pier 24-28 Site Utility Improvement (Add Amendment)	Honolulu	Efficiency, Resiliency	\$ 1,000,000
HC 10839 Renovate Ala Moana DOH Bldg and Pier 2 Terminal Office Space	Honolulu	Safety, Efficiency, Resiliency	\$ 1,500,000
Demo Water Tower	Hilo	Safety, Efficiency, Resiliency	\$ 3,900,000
Maintenance Shed	Kawaihae	Safety, Efficiency, Resiliency	\$ 3,000,000
Accessway, Pavement, Lighting Improvements, PV/BESS (Federalize Construction)	Kawaihae	Safety, Efficiency, Resiliency	\$ 530,000
Relocation of Maintenance Facility Shed	Kahului	Efficiency	\$ 1,300,000
Matson Pier 51 - CAC (Buildings/Pavement)	Honolulu	Safety, Efficiency, Resiliency	\$ 2,000,000
Matson Pier 52 - CAC	Honolulu	Safety, Efficiency, Resiliency	\$ 2,000,000
YB CAC Pier 19 Ferry Terminal	Honolulu	Safety, Efficiency	\$ 2,000,000
Pier 1 Lighting Improvements	Honolulu	Safety, Efficiency	\$ 350,000
Pier 39-40 (Construction Future Federal Funding)	Honolulu	Safety, Efficiency, Resiliency	\$ 16,500,000
Pier 2 Passenger Terminal New Elevator (Design/Build)	Honolulu	Safety, Efficiency	\$ 2,060,000
Pier 29 Rehabilitation	Honolulu	Efficiency, Resiliency	\$ 2,350,000
Pier 19-23 and Pier 31-33 Redevelopment	Honolulu	Efficiency, Resiliency	\$ 200,000
Demo Silos 6E Mitigative Measures (SHPD Clearances)	Honolulu	Safety, Efficiency	\$ 200,000
USACE Earmark - Feasibility Modifications Study	Honolulu	Safety, Efficiency, Resiliency	\$ 500,000
Federal Grants Writing, Administrative Management, and Compliance	Statewide	Safety, Efficiency, Resiliency	\$ 500,000
Bollard Mooring and Berth/Layberth Inventory Conditions Assessment	Statewide	Safety, Efficiency	\$ 400,000
HMP Personnel Staff Costs	Statewide		\$ 2,000,000
			\$ 60,290,000

FY 2024 Budget Harbors



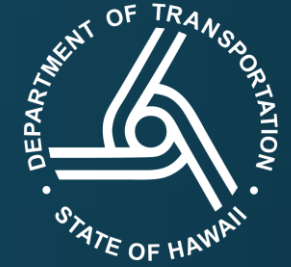
Proposed budget (in millions)



HARBORS PRIORITY PROJECTS

- Kawaihae Harbor Improvements – RAISE Grant (\$10M), USMH (\$3M)
- Sand Island Redesign, Honolulu Harbor - PIDP (\$50M)
- Aloha Tower Elevator Replacement – CDS (\$1M)
- Hilo Harbor Improvements – CDS (\$8M)
- Kalaeloa Harbor Improvements – CDS (\$4M)
- Kahului Harbor Improvements - CDS (\$4M)
- Weigh-in-motion + Cameras, Honolulu Harbor – FHWA (\$2M)
- Improvements to Kalanianaʻole Ave., Hilo Harbor – FHWA (\$5M)
- Improvements to Highway 270, Kawaihae Harbor – FHWA (\$5M)
- New Signal on Nimitz Highway (Kuikahi), Honolulu Harbor - FHWA (\$2M)

BIL GRANTS HWY & HAR



AUTHORIZED GRANT PROGRAMS

APPROPRIATION (FFY 2022-2026)

Rebuilding American Infrastructure with Sustainability and Equity (RAISE)

\$ 7.5 B

Infrastructure for Rebuilding America (INFRA)

\$ 8 B

NEW PROTECT Program

\$ 1.4 B

NEW Bridge Investment Program

\$ 12.5 B

NEW National Infrastructure Project Assistance

\$ 5 B

NEW Culvert Removal, Replacement, and Restoration

\$ 1 B

NEW Safe Streets for All

\$ 5 B

NEW Charging and Fueling Infrastructure

\$ 2.5 B

NEW National Electric Vehicle Formula Program

\$ 500 M

NEW Congestion Relief Program

\$ 250 M

NEW Reconnecting Communities Pilot Program

\$ 1 B

NEW Rural Surface Transportation Grants

\$ 2 B

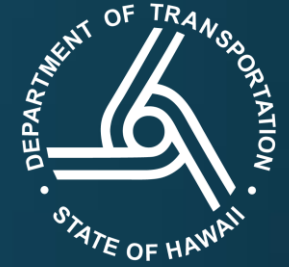
NEW National Infrastructure Program Assistance (Mega Projects)

\$ 5 B

TOTAL

\$ 51.65 B

BIL GRANTS FOR AIRPORTS



**BUILDING BETTER
AIRPORTS ACROSS AMERICA**

\$15B

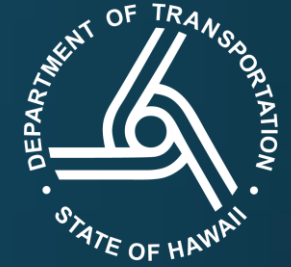
A photograph of an airport tarmac with several aircraft parked at gates, a control tower in the background, and ground service vehicles.

**BUILDING BETTER
AIRPORT TERMINALS**

\$5B

A photograph of an airport terminal interior, showing a busy walkway with many people moving through the terminal, some carrying luggage.

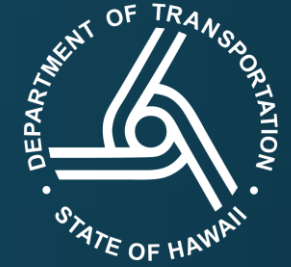
Lessons Learned



- Modernize old processes
 - Streamline using state eProcurement system
 - eConstruction
 - Financial Management System
- Increased expectations for public outreach
- Elevate issues to HDOT team as soon as possible



Public Expectations



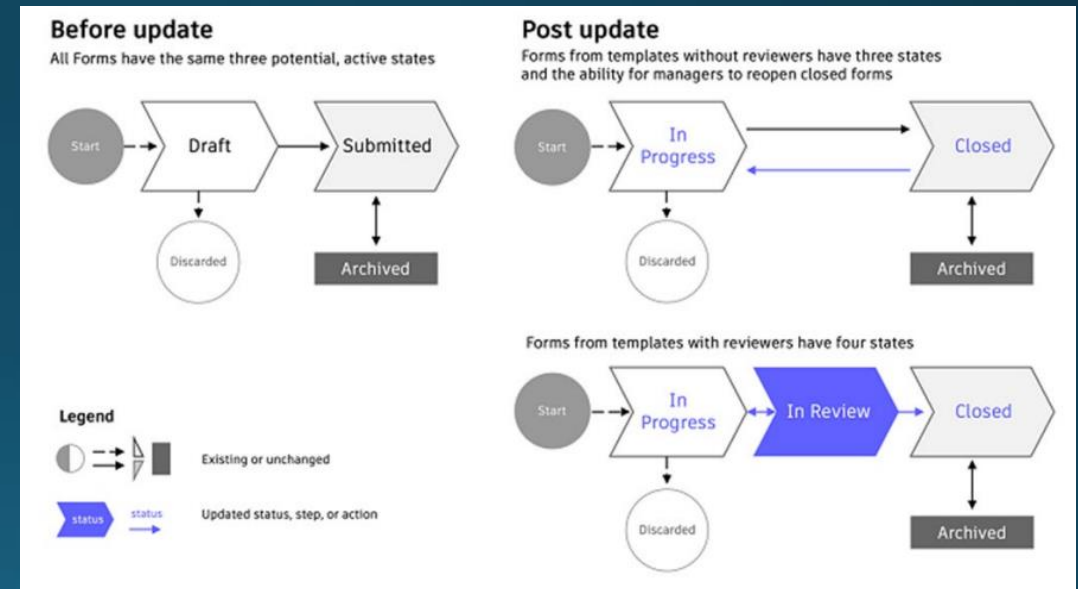
- More ways to reach out to communities that will be impacted by projects
 - Email sign ups
 - Text/SMS
 - Websites
 - Door-to-door
 - CMS in crucial decision points
- Work significantly affecting access needs to use variety of ways to inform users
- Need to consider advance notice (at least 2 weeks) and ways for public to provide feedback on work (24/7 hotline)

A poster for a town hall meeting. It features the State of Hawaii seal on the top left and the Department of Transportation logo on the top right. The title is 'ROUNABOUT TOWN HALL' followed by 'Kamehameha Highway, Intersection Improvements at Kahekili Highway'. It specifies the date and time: 'When: April 21, 2022, from 5:30 p.m. to 7:00 p.m.' and the location: 'Where: in-person at KEY Project (47-200 Waihe'e Road) or virtual (https://bit.ly/3NZrIdm)'. A paragraph explains the project's purpose: 'Please join the Hawai'i Department of Transportation for a town hall meeting to discuss plans to install a roundabout at the intersection of Kamehameha Hwy. and Kahekili Hwy. (near the Hygienic Store). The purpose of this project is to improve safety, reduce conflicts with left turns, and provide more efficient traffic operations. Comments and feedback can be submitted until 5/5/22: https://bit.ly/3DRoTGN'. A map in the bottom right corner shows the project area on a map of Oahu, with labels for 'Project Area' and 'Staging Area'.

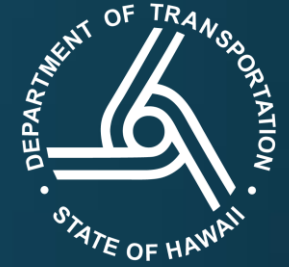
eConstruction



- Use of Wiki training materials provides best practices and resources for CM
- Consolidated platform provides:
 - Document management
 - Plans and specs
 - Submittals and RFI
 - Schedules
 - Meeting minutes
 - Diaries
 - Progress payments
 - Force account
 - CCO
 - Material and sample management
 - eTicketing



Quality



SCOPE



SCHEDULE



BUDGET



PUBLIC
IMPACTS



Mahalo

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