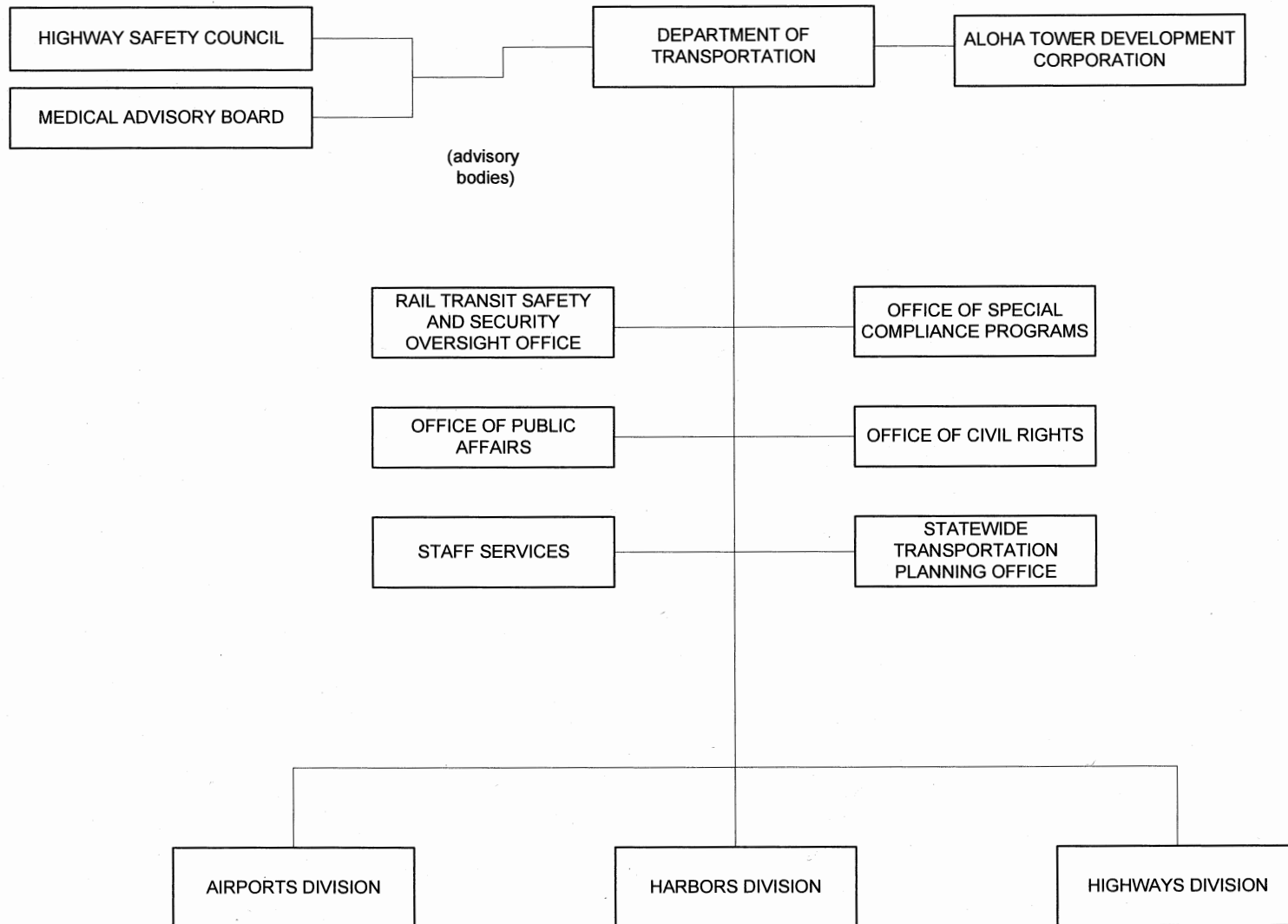




Department of Transportation

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
ORGANIZATION CHART



DEPARTMENT OF TRANSPORTATION

Department Summary

Mission Statement

To provide a safe, efficient, accessible, and sustainable inter-modal transportation system that ensures the mobility of people and goods and enhances and/or preserves economic prosperity and the quality of life.

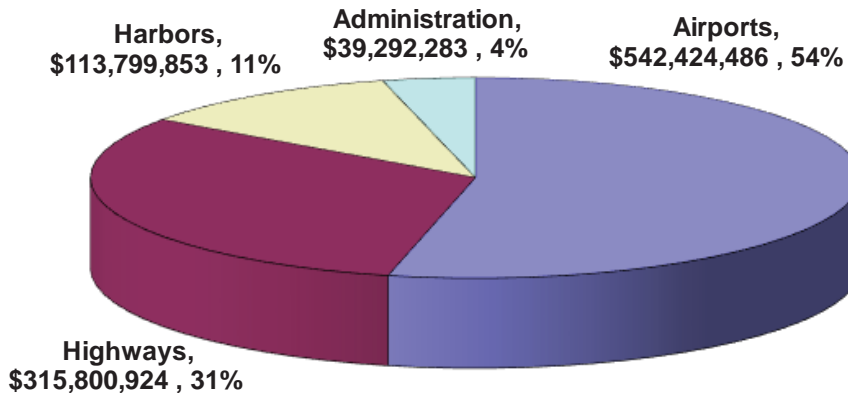
Department Goals

Achieve an integrated multi-modal transportation system through upgrades and expansions to assure mobility and accessibility to support and sustain cargo and passenger operations; ensure the safety and security of the air, land and water transportation systems; advance sustainable transportation system solutions that result in energy efficiency and savings; protect and enhance Hawaii's unique environment and improve the quality of life; support Hawaii's economic vitality; implement a statewide planning process that is comprehensive, cooperative and continuing; and improve the overall financial program through greater efficiency, development, management and oversight of revenue sources.

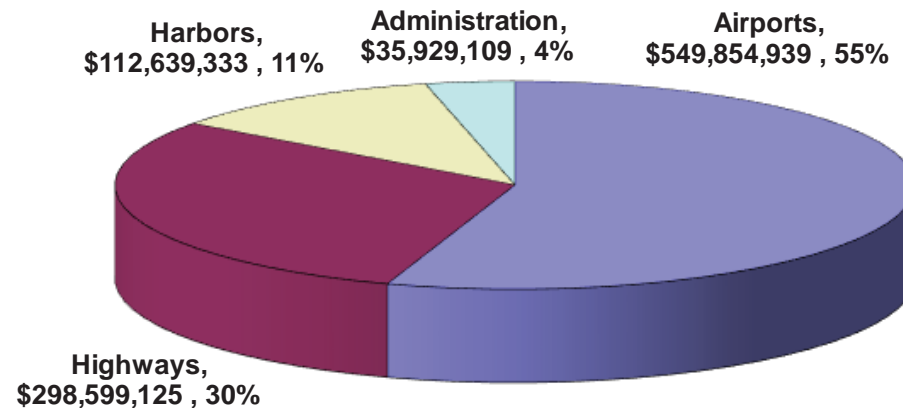
Significant Measures of Effectiveness

	<u>FY 2018</u>	<u>FY 2019</u>
1. Through-put cost per passenger (Airports Division)	\$11.19	\$12.54
2. Tons of cargo processed per acre of container yard (Harbors Division)	54,746	55,731
3. Maintenance cost per 10 lane-miles (Highways Division)	436,514	438,059

FB 2017-2019 Operating Budget by Major Program Area
FY 2018



FY 2019



DEPARTMENT OF TRANSPORTATION MAJOR FUNCTIONS

- Carries out programs to improve, maintain, and operate transportation facilities of the State.
- Administers the operations of the airports program of the State government by equipping, regulating and protecting the state system of public airports and related facilities. Plans, designs, develops, acquires, and constructs new and expanded airports and facilities as well as reconstructs existing airports and facilities.
- Plans, designs, and supervises the construction and maintenance of the State Highway System. Alters, modifies, or revises such highway system as may be required.
- Administers and maintains the operations of the harbors program of the State government by equipping, regulating, and protecting the State system of harbors and related facilities. Plans, develops, acquires, and constructs new and expanding harbors and facilities as well as maintaining and reconstructing existing harbors and facilities.
- Provides for the determination of statewide transportation needs, the continuous survey and inventory of planned resources, and the creation of statewide, inter and multi modal transportation systems network plans.
- Encourages, fosters and assists in the development of aeronautical, water, and land transportation in the State; and provides for the protection and promotion of safety in aeronautics and water transportation.
- Plans, reviews, and implements a comprehensive uniform state highway safety program to comply with applicable federal and state laws.
- Administers driver's license and civil identification programs.
- Serves on the State Highway Safety Council which advises the governor on highway safety; serves on the Aloha Tower Development Corporation board to undertake the redevelopment of the Aloha Tower complex; and cooperates with the Medical Advisory Board which advises the examiner of drivers on medical criteria and vision standards for motor vehicle drivers.

MAJOR PROGRAM AREAS

The Department of Transportation has programs in the following major program area:

Transportation Facilities and Services

Airports

TRN 102	Honolulu International Airport
TRN 104	General Aviation
TRN 111	Hilo International Airport
TRN 114	Kona International Airport at Keahole
TRN 116	Waimea-Kohala Airport
TRN 118	Upolu Airport
TRN 131	Kahului Airport
TRN 133	Hana Airport
TRN 135	Kapalua Airport
TRN 141	Molokai Airport
TRN 143	Kalaupapa Airport
TRN 151	Lanai Airport
TRN 161	Lihue Airport
TRN 163	Port Allen Airport
TRN 195	Airports Administration

Harbors

TRN 301	Honolulu Harbor
TRN 303	Kalaeloa Barbers Point Harbor
TRN 311	Hilo Harbor
TRN 313	Kawaihae Harbor
TRN 331	Kahului Harbor
TRN 333	Hana Harbor
TRN 341	Kaunakakai Harbor
TRN 351	Kaumalapau Harbor
TRN 361	Nawiliwili Harbor
TRN 363	Port Allen Harbor
TRN 395	Harbors Administration

Highways

TRN 501	Oahu Highways
TRN 511	Hawaii Highways
TRN 531	Maui Highways
TRN 561	Kauai Highways
TRN 595	Highways Administration
TRN 597	Highways Safety

Administration

TRN 695	Aloha Tower Development Corporation
TRN 995	General Administration

**Department of Transportation
(Operating Budget)**

		Budget Base FY 2018	Budget Base FY 2019	FY 2018	FY 2019
Funding Sources:	Perm Positions	-	-	-	-
	Temp Positions	-	-	-	-
General Funds	\$	-	-	1,000,000	1,000,000
	Perm Positions	2,250.70	2,250.70	2,346.70	2,347.70
	Temp Positions	11.00	11.00	11.00	11.00
Special Funds	\$	815,424,240	815,424,240	979,866,504	969,702,656
	Perm Positions	7.00	7.00	7.00	7.00
	Temp Positions	1.00	1.00	1.00	1.00
Federal Funds	\$	20,109,515	20,109,515	28,967,701	24,827,351
	Perm Positions	0.80	0.80	0.80	0.80
	Temp Positions	-	-	-	-
Other Federal Funds	\$	745,734	745,734	754,989	754,989
Private Contributions	\$	423,067	423,067	728,352	737,510
		2,258.50	2,258.50	2,354.50	2,355.50
		12.00	12.00	12.00	12.00
Total Requirements		836,702,556	836,702,556	1,011,317,546	997,022,506

Major Adjustments in the Executive Budget Request: (special funds unless noted)

1. Adds \$22,919,021 in FY 18 and \$23,294,060 in FY 19 in various means of financing for fringe benefit increases.
2. Adjustments to reflect anticipated federal grants and other federal grants.
3. Airports Division- Trade-off/transfer \$7,257,659 in FY 18 and \$8,152,967 in FY 19 for energy savings contract maintenance and lease payments.
4. Airports Division- Adds 81.00 permanent positions (6 months salary) and \$2,719,783 in FY 18 and \$5,125,965 in FY 19 for staffing at various airports for the Pass/ID Offices, Visitor Information Program, Airports Operations Controllers, Aircraft Rescue and Fire Fighting (ARFF), and Grounds Maintenance Program.
5. Airports Division- Adds \$7,054,357 in FY 18 and \$8,975,731 in FY 19 for anticipated increases for security services.
6. Airports Division- Adds \$10,650,000 (\$2,405,250 in special funds and \$8,244,750 in federal funds) in FY 18 and \$4,375,000 (\$769,000 in special funds and \$3,606,000 in federal funds) in FY 19 to replace various ARFF vehicles.
7. Airports Division- Adds \$27,950,000 in FY 18 and \$30,500,000 in FY 19 for Special Maintenance Projects.
8. Harbors Division- Trade-off/transfer 3.00 permanent positions and \$6,073,500 in FY 18 and \$2,300,675 in FY 19 for energy savings contract maintenance and lease payments and various requests.
9. Harbors Division- Adds \$15,000,000 in FY 18 and FY 19 for Special Maintenance Projects.
10. Highways Division- Trade-off/transfer \$10,083,224 (\$9,838,581 in special funds, \$238,301 in federal funds, and \$6,342 in other federal funds) in FY 18 and \$8,570,130 (\$8,325,487 in special funds, \$238,301 in federal funds, and \$6,342 in other federal funds) for energy savings contract maintenance and lease payments and various requests.
11. Highways Division- Adds 12.00 permanent positions (6 months salary) and \$832,372 in FY 18 and \$1,666,439 (\$1,450,439 in special funds and \$216,000 in federal funds) in FY 19 to establish the Intelligent Transportation System Branch.

12. Highways Division- Adds \$70,943,000 in FY 18 and FY 19 for Special Maintenance Projects.
13. Highways Division- Adds \$1,000,000 in general funds in FY 18 and FY 19 for Assistance for Highways, Security, Health and Safety Relating to Residentially Challenged Issues.
14. Administration Division- Adds \$4,268,600 in FY 18 and \$1,350,000 in FY 19 for the Disaster Recovery and Continuity of Operations Refresh Project.
15. Administration Division- Adds \$500,000 in FY 18 and FY 19 for Environmental Consultant Services.
16. Administration Division- Adds \$500,000 in FY 18 and FY 19 for Consultant Services for Community Outreach and Government Affairs.
17. Administration Division- Adds \$300,000 in FY 18 for Multilingual Translation of Driver's Training Manual.
18. Administration Division- Adds \$175,000 in FY 18 and \$65,000 in FY 19 for Automated Budget-to-Actuals Reporting capabilities.
19. Administration Division- Adds \$50,000 in FY 18 and FY 19 for the Maui Metropolitan Planning Organization.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:
PROGRAM STRUCTURE NO:
PROGRAM TITLE:

DEPARTMENT OF TRANSPORTATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	8,331,238	13,016,888	19,607,335	20,484,384	20,485	20,485	20,485	20,485
TOTAL CURRENT LEASE PAYMENTS COST	8,331,238	13,016,888	19,607,335	20,484,384	20,485	20,485	20,485	20,485
BY MEANS OF FINANCING								
SPECIAL FUND	8,331,238	13,016,888	19,607,335	20,484,384	20,485	20,485	20,485	20,485
OPERATING COST	2,243.50*	2,258.50*	2,354.50*	2,355.50*	2,355.5*	2,355.5*	2,355.5*	2,355.5*
	11.00**	12.00**	12.00**	12.00**	12.0**	12.0**	12.0**	12.0**
PERSONAL SERVICES	145,267,140	182,188,066	214,764,446	218,566,498	218,597	218,597	218,597	218,597
OTHER CURRENT EXPENSES	564,626,541	753,950,564	739,878,410	739,874,908	841,125	883,022	879,394	883,466
EQUIPMENT	6,515,661	10,897,210	15,158,023	8,090,987	6,840	6,840	6,840	6,840
MOTOR VEHICLES	5,209,097	10,443,522	21,909,332	10,005,729	5,703	5,703	5,703	5,703
TOTAL OPERATING COST	721,618,439	957,479,362	991,710,211	976,538,122	1,072,265	1,114,162	1,110,534	1,114,606
BY MEANS OF FINANCING								
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
GENERAL FUND	2,235.70*	2,250.70*	2,346.70*	2,347.70*	2,347.7*	2,347.7*	2,347.7*	2,347.7*
	10.00**	11.00**	11.00**	11.00**	11.0**	11.0**	11.0**	11.0**
SPECIAL FUND	713,175,327	924,301,203	960,259,169	949,218,272	1,048,865	1,090,762	1,087,134	1,091,206
	7.00*	7.00*	7.00*	7.00*	7.0*	7.0*	7.0*	7.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
FEDERAL FUNDS	8,419,281	30,509,358	28,967,701	24,827,351	21,222	21,222	21,222	21,222
	0.80*	0.80*	0.80*	0.80*	0.8*	0.8*	0.8*	0.8*
	**	**	**	**	**	**	**	**
OTHER FEDERAL FUNDS	23,831	745,734	754,989	754,989	755	755	755	755
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
PRIVATE CONTRIBUTIONS		423,067	728,352	737,510	423	423	423	423
CAPITAL IMPROVEMENT COSTS								
PLANS	20,209,000	23,845,000	31,026,000	24,501,000	6,738	2,884	2,301	2,301
LAND ACQUISITION	44,346,000	5,903,000	35,769,000	8,214,000	5,328	623	1	1
DESIGN	76,704,000	85,033,000	114,632,000	58,531,000	22,750	3,930	1,793	1,673
CONSTRUCTION	970,295,000	1,200,396,000	1,158,196,000	747,461,000	488,759	182,916	58,371	26,753
EQUIPMENT				1,000,000				
TOTAL CAPITAL EXPENDITURES	1,111,554,000	1,315,177,000	1,339,623,000	839,707,000	523,575	190,353	62,466	30,728

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:
PROGRAM STRUCTURE NO:
PROGRAM TITLE:

DEPARTMENT OF TRANSPORTATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND	63,796,000	102,750,000	94,153,000	65,465,000	51,921	42,100	19,900	19,900
G.O. BONDS	6,088,000	1,588,000	25,186,000	25,374,000				
REVENUE BONDS	764,966,000	854,713,000	906,071,000	507,407,000	263,411	49,730	8,682	2,140
FEDERAL FUNDS	264,579,000	279,488,000	286,089,000	227,333,000	191,318	98,398	33,759	8,563
OTHER FEDERAL FUNDS	2,000,000	50,000,000	3,000	3,000				
PRIVATE CONTRIBUTIONS	1,600,000	1,313,000	3,196,000					
OTHER FUNDS	8,525,000	25,325,000	24,925,000	14,125,000	16,925	125	125	125
TOTAL PERM POSITIONS	2,243.50*	2,258.50*	2,354.50*	2,355.50*	2,355.5*	2,355.5*	2,355.5*	2,355.5*
TOTAL TEMP POSITIONS	11.00**	12.00**	12.00**	12.00**	12.0**	12.0**	12.0**	12.0**
TOTAL PROGRAM COST	1,841,503,677	2,285,673,250	2,350,940,546	1,836,729,506	1,616,325	1,325,000	1,193,485	1,165,819

**Department of Transportation
(Capital Improvements Budget)**

	<u>FY 2018</u>	<u>FY 2019</u>
Funding Sources:		
Special Funds	50,402,000	93,511,000
General Obligation Bonds	50,000,000	-
Revenue Bonds	618,647,000	248,067,000
Federal Funds	272,402,000	204,643,000
Other Federal Funds	3,000	3,000
Other Funds	19,325,000	28,125,000
Total Requirements	<u><u>1,010,779,000</u></u>	<u><u>574,349,000</u></u>

Highlights of the Executive CIP Budget Request: (revenue bonds unless noted)

1. Airports Division- Adds \$50,000,000 in general obligation bond funds in FY 18 for Kona International Airport at Keahole, Federal Inspection Station, Hawaii.
2. Airports Division- Adds \$170,000,000 in FY 18 for Honolulu International Airport, Ticket Lobby Improvements, Oahu.
3. Airport Division - Adds \$2,000,000 in FY 18 and \$53,001,000 (\$19,118,000 in special funds, \$5,882,000 in revenue bond funds, \$1,000 in federal funds and \$28,000,000 in other funds (passenger facility charges)) in FY 19 for Honolulu International Airport, Aircraft Apron Reconstruction, Oahu.
4. Airports Division- Adds \$50,000,000 in FY 18 for Honolulu International Airport, Elliott Street Support Facilities, Oahu.
5. Airports Division- Adds \$30,000,000 in FY 18 for Honolulu International Airport, Terminal Improvements at Gates 29 and 34, Oahu.
6. Airports Division- Adds \$64,000,000 in FY 18 for Kahului Airport, Lease Lots, Maui.
7. Airports Division - Adds \$29,573,000 in FY 18 and \$9,725,000 in FY 19 for Kahului Airport, Holdroom and Gate Improvements, Maui.
8. Airports Division - Adds \$1,623,000 in FY 18 and \$16,225,000 in FY 19 for Lihue Airport, Ticket Lobby and Holdroom Improvements, Kauai.

9. Airports Division - Adds \$3,501,000 (\$3,500,000 in special funds and \$1,000 in federal funds) in FY 18 and \$40,502,000 (\$40,500,000 in special funds and \$2,000 in federal funds) in FY 19 for Airfield Improvements, Statewide.
10. Harbors Division- Adds \$16,353,000 (\$16,350,000 in revenue bond funds and \$3,000 in special funds) in FY 18 and FY 19 for Commercial Harbor Facility Improvements, Statewide.
11. Harbors Division- Adds \$7,502,000 (\$7,500,000 in revenue bond funds and \$2,000 in special funds) in FY 18 for Improvements at Pier 2 and 3 Areas, Nawiliwili Harbor, Kauai.
12. Highways Division- Adds \$89,000,000 (\$17,800,000 in revenue bond funds and \$71,200,000 in federal funds) in FY 18 for Daniel K. Inouye Highway Extension, Mamalahoa Highway to Queen Kaahumanu Highway, Hawaii.
13. Highways Division- Adds \$38,000,000 (\$7,600,000 in revenue bond funds and \$30,400,000 in federal funds) in FY 18 and \$12,000,000 (\$2,400,000 in revenue bond funds and \$9,600,000 in federal funds) in FY 19 for Highway Shoreline Protection, Statewide.
14. Highways Division- Adds \$22,000,000 (\$4,400,000 in revenue bond funds and \$17,600,000 in federal funds) in FY 18 and \$20,000,000 (\$4,000,000 in revenue bond funds and \$16,000,000 in federal funds) in FY 19 for Interstate Route H-1, Airport Viaduct Improvements, Vicinity of Valkenburgh Street to Middle Street, Oahu.
15. Highways Division- Adds \$98,450,000 (\$19,930,000 in revenue bond funds and \$78,520,000 in federal funds) in FY 18 and \$82,450,000 (\$16,490,000 in revenue bond funds and \$65,960,000 in federal funds) in FY 19 for various bridges, Statewide.
16. Highways Division- Adds \$3,750,000 (\$750,000 in revenue bond funds and \$3,000,000 in federal funds) in FY 19 for Paia Bypass, Maui.

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

PAGE 298

DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS	
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22		FY 22-23
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
			PLANS	418,317	318,889	14,356	34,449	22,734	16,384	2,301	2,301	2,301	2,301	2,301
			LAND	865,346	780,286	36,086	5,873	33,645	9,451	1	1	1	1	1
			DESIGN	1,325,421	981,743	86,486	64,877	147,447	37,238	1,526	1,526	1,526	1,526	1,526
			CONSTRUCTION	3,995,588	526,653	787,585	1,233,136	806,953	510,276	26,197	26,197	26,197	26,197	26,197
			EQUIPMENT	4,425	3,424	1			1,000					
			TOTAL	6,609,097	2,610,995	924,514	1,338,335	1,010,779	574,349	30,025	30,025	30,025	30,025	30,025
			GENERAL FUND	18	18									
			SPECIAL FUND	1,893,837	1,424,463	121,761	104,200	50,402	93,511	19,900	19,900	19,900	19,900	19,900
			G.O. BONDS	96,829	32,741	9,085	5,003	50,000						
			G.O. BONDS REP	44,339	44,339									
			OTHER FEDERAL	54,006	4,000		50,000	3	3					
			COUNTY FUNDS	8,250	8,250									
			INTERDEPT. TRA	17,225	17,225									
			PRIVATE CONTRI	41,418	37,409		4,009							
			FED. AID PRIMA	6,287	6,287									
			FEDERAL FUNDS	4,410,365	3,536,733	145,527	211,060	272,402	204,643	8,000	8,000	8,000	8,000	8,000
			REVENUE BONDS	9,191,402	6,702,734	648,016	963,938	618,647	248,067	2,000	2,000	2,000	2,000	2,000
			FEDERAL STIMUL	17,000	17,000									
			OTHER FUNDS	828,121	779,796	125	125	19,325	28,125	125	125	125	125	125



Operating Budget Details

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:
PROGRAM STRUCTURE NO: 03
PROGRAM TITLE: TRANSPORTATION FACILITIES

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	8,331,238	13,016,888	19,607,335	20,484,384	20,485	20,485	20,485	20,485
TOTAL CURRENT LEASE PAYMENTS COST	8,331,238	13,016,888	19,607,335	20,484,384	20,485	20,485	20,485	20,485
BY MEANS OF FINANCING								
SPECIAL FUND	8,331,238	13,016,888	19,607,335	20,484,384	20,485	20,485	20,485	20,485
OPERATING COST	2,243.50*	2,258.50*	2,354.50*	2,355.50*	2,355.5*	2,355.5*	2,355.5*	2,355.5*
	11.00**	12.00**	12.00**	12.00**	12.0**	12.0**	12.0**	12.0**
PERSONAL SERVICES	145,267,140	182,188,066	214,764,446	218,566,498	218,597	218,597	218,597	218,597
OTHER CURRENT EXPENSES	564,626,541	753,950,564	739,878,410	739,874,908	841,125	883,022	879,394	883,466
EQUIPMENT	6,515,661	10,897,210	15,158,023	8,090,987	6,840	6,840	6,840	6,840
MOTOR VEHICLES	5,209,097	10,443,522	21,909,332	10,005,729	5,703	5,703	5,703	5,703
TOTAL OPERATING COST	721,618,439	957,479,362	991,710,211	976,538,122	1,072,265	1,114,162	1,110,534	1,114,606
BY MEANS OF FINANCING								
GENERAL FUND	2,235.70*	2,250.70*	2,346.70*	2,347.70*	2,347.7*	2,347.7*	2,347.7*	2,347.7*
	10.00**	11.00**	11.00**	11.00**	11.0**	11.0**	11.0**	11.0**
SPECIAL FUND	713,175,327	924,301,203	960,259,169	949,218,272	1,048,865	1,090,762	1,087,134	1,091,206
	7.00*	7.00*	7.00*	7.00*	7.0*	7.0*	7.0*	7.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
FEDERAL FUNDS	8,419,281	30,509,358	28,967,701	24,827,351	21,222	21,222	21,222	21,222
	0.80*	0.80*	0.80*	0.80*	0.8*	0.8*	0.8*	0.8*
OTHER FEDERAL FUNDS	23,831	745,734	754,989	754,989	755	755	755	755
PRIVATE CONTRIBUTIONS	423,067	728,352	737,510	423	423	423	423	423
CAPITAL IMPROVEMENT COSTS								
PLANS	20,209,000	23,845,000	31,026,000	24,501,000	6,738	2,884	2,301	2,301
LAND ACQUISITION	44,346,000	5,903,000	35,769,000	8,214,000	5,328	623	1	1
DESIGN	76,704,000	85,033,000	114,632,000	58,531,000	22,750	3,930	1,793	1,673
CONSTRUCTION	970,295,000	1,200,396,000	1,158,196,000	747,461,000	488,759	182,916	58,371	26,753
EQUIPMENT				1,000,000				
TOTAL CAPITAL EXPENDITURES	1,111,554,000	1,315,177,000	1,339,623,000	839,707,000	523,575	190,353	62,466	30,728

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:

PROGRAM STRUCTURE NO: 03

PROGRAM TITLE: TRANSPORTATION FACILITIES

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND	63,796,000	102,750,000	94,153,000	65,465,000	51,921	42,100	19,900	19,900
G.O. BONDS	6,088,000	1,588,000	25,186,000	25,374,000				
REVENUE BONDS	764,966,000	854,713,000	906,071,000	507,407,000	263,411	49,730	8,682	2,140
FEDERAL FUNDS	264,579,000	279,488,000	286,089,000	227,333,000	191,318	98,398	33,759	8,563
OTHER FEDERAL FUNDS	2,000,000	50,000,000	3,000	3,000				
PRIVATE CONTRIBUTIONS	1,600,000	1,313,000	3,196,000					
OTHER FUNDS	8,525,000	25,325,000	24,925,000	14,125,000	16,925	125	125	125
TOTAL PERM POSITIONS	2,243.50*	2,258.50*	2,354.50*	2,355.50*	2,355.5*	2,355.5*	2,355.5*	2,355.5*
TOTAL TEMP POSITIONS	11.00**	12.00**	12.00**	12.00**	12.0**	12.0**	12.0**	12.0**
TOTAL PROGRAM COST	1,841,503,677	2,285,673,250	2,350,940,546	1,836,729,506	1,616,325	1,325,000	1,193,485	1,165,819

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:
PROGRAM STRUCTURE NO: 0301
PROGRAM TITLE: AIR TRANSPORTATION FACILITIES AND SVCS

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	8,331,238	13,016,888	14,654,921	15,242,929	15,243	15,243	15,243	15,243
TOTAL CURRENT LEASE PAYMENTS COST	8,331,238	13,016,888	14,654,921	15,242,929	15,243	15,243	15,243	15,243
BY MEANS OF FINANCING								
SPECIAL FUND	8,331,238	13,016,888	14,654,921	15,242,929	15,243	15,243	15,243	15,243
OPERATING COST	1,263.50*	1,276.50*	1,357.50*	1,357.50*	1,357.5*	1,357.5*	1,357.5*	1,357.5*
	3.00**	4.00**	4.00**	4.00**	4.0**	4.0**	4.0**	4.0**
PERSONAL SERVICES	83,217,013	96,368,586	119,555,421	122,095,903	122,097	122,097	122,097	122,097
OTHER CURRENT EXPENSES	292,829,196	397,128,624	385,728,866	404,089,736	450,540	492,087	492,076	492,080
EQUIPMENT	1,162,855	4,927,509	4,628,079	3,312,971	3,278	3,278	3,278	3,278
MOTOR VEHICLES	418,388	6,401,180	17,857,199	5,113,400	811	811	811	811
TOTAL OPERATING COST	377,627,452	504,825,899	527,769,565	534,612,010	576,726	618,273	618,262	618,266
BY MEANS OF FINANCING								
	1,263.50*	1,276.50*	1,357.50*	1,357.50*	1,357.5*	1,357.5*	1,357.5*	1,357.5*
	3.00**	4.00**	4.00**	4.00**	4.0**	4.0**	4.0**	4.0**
SPECIAL FUND	377,627,452	494,406,099	519,524,815	531,006,010	576,726	618,273	618,262	618,266
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS		10,419,800	8,244,750	3,606,000				
CAPITAL IMPROVEMENT COSTS								
PLANS	3,116,000	6,659,000	14,056,000	8,153,000	2,050	300	300	300
LAND ACQUISITION	12,000,000		20,944,000					
DESIGN	26,410,000	38,473,000	57,453,000	28,951,000	7,426	1,525	1,525	1,525
CONSTRUCTION	399,664,000	571,353,000	559,523,000	473,855,000	241,827	42,806	2,200	2,200
TOTAL CAPITAL EXPENDITURES	441,190,000	616,485,000	651,976,000	510,959,000	251,303	44,631	4,025	4,025

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:

PROGRAM STRUCTURE NO: 0301

PROGRAM TITLE: AIR TRANSPORTATION FACILITIES AND SVCS

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND	41,062,000	67,203,000	62,654,000	40,972,000	35,921	26,100	3,900	3,900
G.O. BONDS	1,000,000	1,500,000	25,000,000	25,000,000				
REVENUE BONDS	368,200,000	478,615,000	481,536,000	409,389,000	197,454	18,405		
FEDERAL FUNDS	22,403,000	43,043,000	54,665,000	21,473,000	1,003	1		
PRIVATE CONTRIBUTIONS		799,000	3,196,000					
OTHER FUNDS	8,525,000	25,325,000	24,925,000	14,125,000	16,925	125	125	125
TOTAL PERM POSITIONS	1,263.50*	1,276.50*	1,357.50*	1,357.50*	1,357.5*	1,357.5*	1,357.5*	1,357.5*
TOTAL TEMP POSITIONS	3.00**	4.00**	4.00**	4.00**	4.0**	4.0**	4.0**	4.0**
TOTAL PROGRAM COST	827,148,690	1,134,327,787	1,194,400,486	1,060,813,939	843,272	678,147	637,530	637,534

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN102
 PROGRAM STRUCTURE NO: 030101
 PROGRAM TITLE: HONOLULU INTERNATIONAL AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	2,862,215	9,640,368	10,853,504	11,288,985	11,289	11,289	11,289	11,289
TOTAL CURRENT LEASE PAYMENTS COST	2,862,215	9,640,368	10,853,504	11,288,985	11,289	11,289	11,289	11,289
BY MEANS OF FINANCING								
SPECIAL FUND	2,862,215	9,640,368	10,853,504	11,288,985	11,289	11,289	11,289	11,289
OPERATING COST	618.50*	623.50*	664.50*	664.50*	664.5*	664.5*	664.5*	664.5*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
PERSONAL SERVICES	37,311,394	43,740,819	55,791,588	57,126,986	57,127	57,127	57,127	57,127
OTHER CURRENT EXPENSES	110,055,493	105,043,404	102,026,756	95,738,190	94,618	94,618	94,618	94,618
EQUIPMENT	215,653	791,050	949,050	764,550	735	735	735	735
MOTOR VEHICLES	6,356	2,400,000	8,650,100	1,850,000				
TOTAL OPERATING COST	147,588,896	151,975,273	167,417,494	155,479,726	152,480	152,480	152,480	152,480
BY MEANS OF FINANCING								
	618.50*	623.50*	664.50*	664.50*	664.5*	664.5*	664.5*	664.5*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
SPECIAL FUND	147,588,896	150,160,273	165,580,744	154,074,226	152,480	152,480	152,480	152,480
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS		1,815,000	1,836,750	1,405,500				
CAPITAL IMPROVEMENT COSTS								
PLANS	200,000		1,500,000	2,250,000	1,250			
DESIGN	12,404,000	19,395,000	27,733,000	10,990,000				
CONSTRUCTION	70,610,000	198,826,000	365,127,000	285,481,000	111,752	5,000		
TOTAL CAPITAL EXPENDITURES	83,214,000	218,221,000	394,360,000	298,721,000	113,002	5,000		

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN102
 PROGRAM STRUCTURE NO: 030101
 PROGRAM TITLE: HONOLULU INTERNATIONAL AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND		4,600,000	14,450,000	12,597,000	11,471			
REVENUE BONDS	82,944,000	205,241,000	361,980,000	266,254,000	84,729	5,000		
FEDERAL FUNDS	270,000	8,380,000	17,930,000	8,670,000	2			
OTHER FUNDS				11,200,000	16,800			
TOTAL PERM POSITIONS	618.50*	623.50*	664.50*	664.50*	664.5*	664.5*	664.5*	664.5*
TOTAL TEMP POSITIONS	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
TOTAL PROGRAM COST	233,665,111	379,836,641	572,630,998	465,489,711	276,771	168,769	163,769	163,769

PROGRAM ID: TRN102
 PROGRAM STRUCTURE: 030101
 PROGRAM TITLE: HONOLULU INTERNATIONAL AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	35	35	35	35	35	35	35	35
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	150	150	150	150	150	150	150	150
3. THROUGH PUT COST PER PASSENGER (CENTS)	650	650	650	650	650	650	650	650
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	.16	.16	.16	.16	.16	.16	.16	.16
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	3700	3700	3700	3700	3700	3700	3700	3700
7. RATING OF FACILITY BY USERS	9	9	9	9	9	9	9	9
8. RATING OF FACILITY BY AIRLINES (%)	8	8	8	8	8	8	8	8
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	14	14	14	14	14	14	14	14
10. % CIP PROJECTS COMPLETED WIN SCHEDULED TIMETABLE	50	50	50	50	50	50	50	50
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	19380	19380	19380	19380	19380	19380	19380	19380
2. CARGO (THOUSANDS OF TONS)	360	360	360	360	360	360	360	360
3. AIR MAIL (THOUSANDS OF TONS)	98	99	99	99	99	99	99	99
4. AIRCRAFT OPERATIONS (THOUSANDS)	286	286	286	286	286	286	286	286
5. WIDE BODY AIRCRAFT OPERATIONS (HUNDREDS)	443	443	443	443	443	443	443	443
6. CUSTODIAL SERVICES	231	231	231	231	231	231	231	231
7. CAPITAL IMPROVEMENT PROGRAM	175000	175000	175000	175000	175000	175000	175000	175000
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	92	92	92	92	92	92	92	92
2. CARGO HANDLING AREA (1,000 SQ FT)	2700	2700	2700	2700	2700	2700	2700	2700
3. VEHICULAR CAPACITY IN PARKING STALLS	7850	7850	7850	7850	7850	7850	7850	7850
4. TERMINAL FACILITIES (1,000 SQ FT)	3250	3250	3250	3250	3250	3250	3250	3250
5. WIDE BODY AIRCRAFT GATES	29	29	29	29	29	29	29	29
6. RESTROOM FACILITY STANDARDS	227	227	227	227	227	227	227	227
7. CIP IMPLEMENTATION	175000	175000	175000	175000	175000	175000	175000	175000

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN102: HONOLULU INTERNATIONAL AIRPORT

03 01 01

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods into, within, and out of the State by providing and operating airport facilities and supporting services at Honolulu International Airport (HNL).

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes funding for: (1) additional payroll costs for fringe benefits and salary rate increases of \$9,399,800B in each year; (2) full-year funding in each year of \$129,206B for new positions authorized in FY 17; (3) additional 14 Visitor Information Program Assistant (VIPA) positions and funds of \$372,448B in FY 18 and \$679,896B in FY 19 to staff Automated Passport Control (APC) kiosks; (4) seven additional VIPA positions and funds of \$206,224B in FY 18 and \$347,448B in FY 19 for checkpoint line management; (5) additional 7 Office Assistant positions and funds of \$157,939B in FY 18 and \$303,878B in FY 19 for Pass & ID Office; (6) 13 additional Aircraft Rescue and Firefighting (ARFF) positions and funds of \$684,787B in FY 18 and \$1,369,574B in FY 19; (7) trade-off/transfer of savings in electricity to ESCO maintenance and lease financing payments; (8) special maintenance totaling \$11,700,000B in FY 18 and \$6,000,000B in FY 19; (9) additional funds of \$1,490,000 in FY 18 and \$1,564,500 in FY 19 for security services provided by the Department of Public Safety (PSD); (10) additional funds for other current expenses such as ARFF meal allowance increase, custodial supplies and increase to Wiki-wiki bus service contract; (11) new and replacement equipment for Custodial Unit; (12) increase to Wiki-Wiki bus fleet; (13) replacement vehicles for Custodial Unit and ARFF Unit; and (14) replacement of three 1,500-gallon and a 3,000-gallon ARFF vehicles of \$638,250B/\$1,836,750N in FY 18 and \$494,500B/\$1,405,500N in FY 19.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following (14) CIP projects:

New Diamond Head Concourse Development Study
Restroom Renovation
U.S. Department of Agriculture (USDA) Inspection Facility
Elliott Street Support Facilities
Aircraft Apron Reconstruction
Taxiway Light Improvements

Pedestrian Bridge Replacement and/or Rehabilitation
400 Hertz Ground Power Unit Upgrade
Roadway/Terminal Signage Improvements
Loading Bridge Pre-Conditioned Air Installation
Terminal Improvements at Gates 29 and 34
Ticket Lobby Improvements
Terminal Modernization
Baggage Handling System Improvements

The CIP budget request of \$345,150,000 (\$336,150,000 in Airport Revenue Bond [Bond] funds and \$9,000,000 in federal funds) in FY 18, and \$101,501,000 (\$54,382,000 in Bond funds, \$1,000 in federal funds, \$19,118,000 in Airport Special funds and \$28,000,000 in Passenger Facility Charge funds) in FY 19 will fund the fourteen (14) CIP projects.

C. Description of Activities Performed

Provides ramp control; operates flight information display systems; monitors all public address and fire control systems; furnishes crash/fire services for aircraft and structural fire, traffic and parking control, law enforcement officers for the Federal Aviation Administration (FAA) Airport Certification Program, crime prevention and crowd control; provides for emergency medical services; maintains all exterior building surfaces, interior public areas, electrical and mechanical equipment, air conditioning, plumbing, baggage delivery equipment, elevators and escalators; maintains roads, landscape areas, parking lots and structures, street lighting, regulatory and warning signs; issues parking permits for ground transportation licenses and permits; and regulates concessions, airline and other tenant activities. Provides maintenance support to the general aviation facilities and services program (Dillingham Airfield and Kalaheo Airfield).

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that

Program Plan Narrative

TRN102: HONOLULU INTERNATIONAL AIRPORT

03 01 01

the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment. In the area of facilities improvements, the Division has projects to increase the capacities of airports as well as support facilities to effectively accommodate transshipment and storage needs. Facility improvements as well as operating policies are aimed to encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.

E. Identification of Important Program Relationships

The operations of the airport must comply with the FAA and Transportation Security Administration regulations concerning security, safety and certification.

HNL has facilities for: U.S. Customs, Immigration, Public Health activities in connection with international arrivals and U.S. and State Department of Agriculture plant and animal inspection activities.

The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning guidance and support are provided by the Airports Administration, TRN 195.

F. Description of Major External Trends Affecting the Program

HNL continues to be the State's busiest airport with a passenger traffic count of 19,400,364 in 2015. The passenger traffic increase of 0.01% in 2015 compared to 2014 provides the principal indicator for program improvements.

G. Discussion of Cost, Effectiveness, and Program Size Data

Operational costs are primarily related to normal operational requirements necessary to maintain airport facilities and services and comply with federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth, must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

HNL is the principal source of revenue for the statewide airport system. Concession revenues account for a major portion of revenues at HNL. Changes in duty free retail and its sensitivity to the Japanese visitor market present a challenge in optimizing concession revenue potential, especially with the decline in international traffic following the September 11, 2001, attacks and the global economic turmoil.

All revenues are included in the total statewide airports system revenues of TRN 195 and are reported in that program.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuous evaluation.

J. Further Considerations

The effectiveness of the program for HNL is dependent, to a considerable degree, on how efficiently all agencies are able to process passengers. For instance, the time required for international arrivals is almost totally dependent on the ability of federal agencies to clear passengers. The Department has facilities and personnel to assist in facilitating the movement of people, goods and mail through the airport by maintaining taxiways and parking aprons, operating and displaying flight information and other services. The Department feels this is the most effective use of limited resources and continues to review capacity versus demand on airport facilities.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN104
 PROGRAM STRUCTURE NO: 030102
 PROGRAM TITLE: GENERAL AVIATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	218,750	121,566	136,863	142,355	142	142	142	142
TOTAL CURRENT LEASE PAYMENTS COST	218,750	121,566	136,863	142,355	142	142	142	142
BY MEANS OF FINANCING								
SPECIAL FUND	218,750	121,566	136,863	142,355	142	142	142	142
OPERATING COST	30.00*	31.00*	31.00*	31.00*	31.0*	31.0*	31.0*	31.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	3,041,701	3,217,486	4,121,835	4,121,835	4,122	4,122	4,122	4,122
OTHER CURRENT EXPENSES	2,788,922	8,476,974	7,897,186	6,928,836	6,929	6,929	6,929	6,929
EQUIPMENT	10,116	421,980	98,080	84,280	84	84	84	84
MOTOR VEHICLES			1,035,000	87,000	87	87	87	87
TOTAL OPERATING COST	5,840,739	12,116,440	13,152,101	11,221,951	11,222	11,222	11,222	11,222
BY MEANS OF FINANCING								
	30.00*	31.00*	31.00*	31.00*	31.0*	31.0*	31.0*	31.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	5,840,739	7,916,440	13,152,101	11,221,951	11,222	11,222	11,222	11,222
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS		4,200,000						
CAPITAL IMPROVEMENT COSTS								
DESIGN		128,000	1,010,000	300,000				
CONSTRUCTION			1,600,000	12,250,000	8,650			
TOTAL CAPITAL EXPENDITURES		128,000	2,610,000	12,550,000	8,650			

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN104
 PROGRAM STRUCTURE NO: 030102
 PROGRAM TITLE: GENERAL AVIATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
REVENUE BONDS		128,000	2,610,000	12,550,000	8,650			
TOTAL PERM POSITIONS	30.00*	31.00*	31.00*	31.00*	31.0*	31.0*	31.0*	31.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	6,059,489	12,366,006	15,898,964	23,914,306	20,014	11,364	11,364	11,364

PROGRAM ID: TRN104
 PROGRAM STRUCTURE: 030102
 PROGRAM TITLE: GENERAL AVIATION

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. NUMBER OF ACCIDENTS	0	0	0	0	0	0	0	0
2. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	1	1	1	1	1	1	1	1
3. % OF CIP PROJECTS COMPLETED WITHIN SCHEDULED TIME	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. PRIVATE AIRCRAFT OPERATIONS (THOUSANDS)	175	175	175	175	175	175	175	175
2. CUSTODIAL SERVICES	0	0	0	0	0	0	0	0
3. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	38	38	38	38	38	38	38	38
2. RESTROOM FACILITY STANDARDS	2	2	2	2	2	2	2	2
3. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN104: GENERAL AVIATION

03 01 02

A. Statement of Program Objectives

To enrich the lives of people of all ages by providing opportunities and facilities for engaging in general aviation activities and to facilitate the safe movement of people within the State by reducing the mixture of commercial and general aviation aircraft at Honolulu International Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary rate increases of \$849,432B in each year; (2) full-year funding in each year of \$32,102B for Repairs & Maintenance Assistant position authorized in FY 17; (3) trade-off/transfer of savings in electricity to ESCO maintenance; (4) additional electricity expense of \$172,000 in each year due to rate increase; (5) special maintenance projects totaling \$4,000,000B in FY 18 and \$3,000,000B in FY 19; (6) increases in security expenses of \$800,000B in FY 18 and \$840,000B in FY 19; (7) increases to other current expenses of 19,000B for both years for Airport Rescue and Firefighting (ARFF) uniform allowance and service contracts; (8) replacement equipment of \$47,400B in FY 18 and \$33,600B in FY 19; (9) replacement of a 1,500-gallon ARFF vehicle of \$950,000B in FY 18; and (10) replacement of other motor vehicles for ARFF section totaling \$85,000B in FY 18 and \$87,000B in FY 19.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following four (4) CIP projects:

Kalaeloa Airport, Utility System Improvements
Kalaeloa Airport, Construct T-Hangars
Kalaeloa Airport, Runway Lighting System Improvements
Dillingham Airfield, Replace Universal Communications (Unicom) Tower

The CIP budget request of \$18,800,000 in Airport Revenue Bond (Bond) funds in FY 18 and \$4,500,000 in Bond funds in FY 19 will fund the four (4) CIP projects.

C. Description of Activities Performed

For Dillingham Airfield and Kalaeloa General Aviation Reliever Airport, activities include crash/fire and Unicom radio traffic advisory services;

maintain airfield operations areas including paved and unpaved runways, taxiways and apron areas, windsocks, clear zones, and airfield fencing; maintain buildings, electrical, mechanical, plumbing and security systems; and maintain roads, parking areas, regulatory and warning signs.

D. Statement of Key Policies Pursued

The Airports Division supports the goals and intents of the Hawaii State Plan. The division pursues the objectives and sets its policies for the general aviation airports in accordance with those cited in Part I, Section 17 and 22, of the Hawaii State Plan. These are reflected in facilities planning; for example, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment.

E. Identification of Important Program Relationships

The operations of the airport must comply with the Federal Aviation Administration and Transportation Security Administration regulations regarding security and safety. Administrative, engineering and planning support is provided by the Airports Administration, TRN 195. TRN 102 provides specialized operation and maintenance support.

F. Description of Major External Trends Affecting the Program

The aircraft operations (civilian, glide and military) are ongoing at Dillingham Airfield. Aircraft operations (air carrier, air taxi, general aviation and military) are ongoing at Kalaeloa Airport.

G. Discussion of Cost, Effectiveness, and Program Size Data

Operational costs are primarily for normal operational requirements necessary to maintain the airport's facilities and services and comply with federal security mandates within the budgetary guidelines established by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

Program Plan Narrative

TRN104: GENERAL AVIATION

03 01 02

H. Discussion of Program Revenues

Minimal revenues are generated at Dillingham Field and Kalaeloa Airport and are included in the statewide airport system revenues of TRN 195. Revenues generated are from aeronautical rentals, airport use charge and other miscellaneous sources.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuing evaluation.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN111
 PROGRAM STRUCTURE NO: 030103
 PROGRAM TITLE: HILO INTERNATIONAL AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	451,532	296,109	333,371	346,747	347	347	347	347
TOTAL CURRENT LEASE PAYMENTS COST	451,532	296,109	333,371	346,747	347	347	347	347
BY MEANS OF FINANCING								
SPECIAL FUND	451,532	296,109	333,371	346,747	347	347	347	347
OPERATING COST	82.00*	84.00*	87.00*	87.00*	87.0*	87.0*	87.0*	87.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	5,888,981	6,473,769	7,856,126	7,930,948	7,931	7,931	7,931	7,931
OTHER CURRENT EXPENSES	8,785,029	9,218,950	7,998,263	12,159,911	12,149	12,149	12,149	12,149
EQUIPMENT	126,416	919,794	664,894	859,594	845	845	845	845
MOTOR VEHICLES	290,967	116,800	1,182,000	1,621,800	122	122	122	122
TOTAL OPERATING COST	15,091,393	16,729,313	17,701,283	22,572,253	21,047	21,047	21,047	21,047
BY MEANS OF FINANCING								
	82.00*	84.00*	87.00*	87.00*	87.0*	87.0*	87.0*	87.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	15,091,393	16,729,313	16,859,783	21,213,253	21,047	21,047	21,047	21,047
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS			841,500	1,359,000				
CAPITAL IMPROVEMENT COSTS								
DESIGN	60,000	342,000	313,000	840,000	900			
CONSTRUCTION	17,240,000	2,405,000	2,821,000	5,106,000	9,520			
TOTAL CAPITAL EXPENDITURES	17,300,000	2,747,000	3,134,000	5,946,000	10,420			

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN111
 PROGRAM STRUCTURE NO: 030103
 PROGRAM TITLE: HILO INTERNATIONAL AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
REVENUE BONDS	5,307,000	857,000	2,934,000	5,146,000	9,420			
FEDERAL FUNDS	11,993,000	1,890,000	200,000	800,000	1,000			
TOTAL PERM POSITIONS	82.00*	84.00*	87.00*	87.00*	87.0*	87.0*	87.0*	87.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	32,842,925	19,772,422	21,168,654	28,865,000	31,814	21,394	21,394	21,394

PROGRAM ID: TRN111
 PROGRAM STRUCTURE: 030103
 PROGRAM TITLE: HILO INTERNATIONAL AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	19	19	19	19	19	19	19	19
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	90	90	90	90	90	90	90	90
3. THROUGH-PUT COST PER PASSENGER (CENTS)	910	910	910	910	910	910	910	910
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	.01	.01	.01	.01	.01	.01	.01	.01
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	.11	.11	.11	.11	.11	.11	.11	.11
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	5500	5500	5500	5500	5500	5500	5500	5500
7. RATING OF FACILITY BY USERS	8	8	8	8	8	8	8	8
8. RATING OF FACILITY BY AIRLINES (%)	7	7	7	7	7	7	7	7
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	8	8	8	8	8	8	8	8
10. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	50	50	50	50	50	50	50	50
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	1430	1430	1430	1430	1430	1430	1430	1430
2. CARGO (THOUSANDS OF TONS)	25	25	25	25	25	25	25	25
3. AIR MAIL (TONS)	1730	1730	1730	1730	1730	1730	1730	1730
4. AIRCRAFT OPERATIONS (THOUSANDS)	85	85	85	85	85	85	85	85
5. CUSTODIAL SERVICES	17	17	17	17	17	17	17	17
6. CAPITAL IMPROVEMENT PROGRAM	6265	6265	6256	6256	6256	6256	6256	6256
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	65	65	65	65	65	65	65	65
2. CARGO HANDLING AREA (1,000 SQ FT)	1020	1020	1020	1020	1020	1020	1020	1020
3. VEHICULAR CAPACITY IN PARKING STALLS	705	705	705	705	705	705	705	705
4. TERMINAL FACILITIES (1,000 SQ FT)	250	250	250	250	250	250	250	250
5. RESTROOM FACILITY STANDARDS	17	17	17	17	17	17	17	17
6. CIP IMPLEMENTATION	6265	6265	6265	6265	6265	6265	6265	6265

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN111: HILO INTERNATIONAL AIRPORT

03 01 03

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods into, within, and out of the State by providing and operating airport facilities and supporting services at General Lyman Field (Hilo International Airport).

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes funding for: (1) additional payroll costs for fringe benefits and salary rate increases of \$1,166,243B in each year; (2) full-year funding of \$85,094B for Painter I and Plumber I positions authorized in FY 17; (3) additional 2 Office Assistant positions and funds of \$46,478B in FY 18 and \$90,355 in FY 19 for Pass & ID Office; (4) additional Airport Operations Controller III position and funds of \$67,845B in FY 18 and \$59,290B in FY 19; (5) trade-off/transfer of savings in electricity to ESCO maintenance; (6) increases to other current expenses of \$459,000B in FY 18 and \$461,000B in FY 19 for routine maintenance, janitorial and safety supplies; (7) special maintenance totaling \$400,000B in FY 18 and \$4,500,000B in FY 19; (8) increases in security expenses of \$400,000B in FY 18 and \$480,000B in FY 19; (9) new and replacement equipment of \$325,594B in FY 18 and \$522,794B in FY 19; (10) replacement of a 1,500-gallon and a 3,000-gallon Airport Rescue Fire Fighting vehicles of \$108,500B/\$841,500N in FY 18 and \$166,000B/\$1,359,000N in FY 19; and (11) motor vehicle purchases of \$220,000B in FY 18 and \$121,800B in FY 19.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following four (4) CIP projects:

Aircraft Apron Reconstruction
Terminal Improvements
Noise Attenuation for Keaukaha Subdivision
Arcade Improvements

The CIP budget request of \$9,800,000 in FY 18 and \$4,800,000 in FY 19 in Airport Revenue Bond funds and \$2,000,000 in FY 18 in federal funds will fund the four (4) CIP projects.

C. Description of Activities Performed

Provides crash/fire services, police, traffic and parking control, including law enforcement officers for the Federal Aviation Administration (FAA) Airport Certification program, crime prevention and crowd control; maintains all airfield operations areas including paved and unpaved runway and taxiway areas, lighting, taxiway, signs, windsocks and other navigational aids, drainage and landscaped areas; maintains all exterior building surfaces interior public areas, electrical and mechanical equipment, flight information and fire alarm systems, plumbing system; maintains baggage delivery, elevators and escalator equipment; maintains roads, landscaped areas, parking lots, street lighting, regulatory, warning and destination signs; issues parking permits, ground transportation licenses and permits; and regulates concessions and airline and other tenant activities.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment. In the area of facilities improvements, the Division has projects to increase the capacities of airports, as well as support facilities to effectively accommodate transshipment and storage needs. Facilities improvements as well as operating policies are intended to encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.

E. Identification of Important Program Relationships

The operations of the airport must comply with the FAA and Transportation Security Administration regulations concerning security, safety and certification. The airport has facilities for FAA air traffic control, U.S. Weather Bureau forecast activities and for Department of Agriculture

Program Plan Narrative

TRN111: HILO INTERNATIONAL AIRPORT

03 01 03

plant inspection activities.

The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning guidance and support are provided by Air Transportation Facilities and Services Support, TRN 195. Specialized operations and maintenance support is provided by TRN 114.

F. Description of Major External Trends Affecting the Program

Hilo International Airport is the fifth busiest airport in the State system in terms of passengers processed. In 2015, 1,309,195 passengers passed through the airport. Passenger traffic increased 0.6% from 2014. FAA regulations relating to security and certification continue to keep program costs up.

G. Discussion of Cost, Effectiveness, and Program Size Data

Operational costs are primarily related to normal operational requirements necessary to maintain airport facilities and services and comply with federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, air travel growth, etc., must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues generated are from aeronautical rentals, airport use charges, concession fees, other non-aeronautical rentals and miscellaneous other income.

All existing and anticipated revenues generated by the operation of this airport are included in the total statewide airport system revenues of TRN 195.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuous evaluation.

J. Further Considerations

See comments for Honolulu International Airport, TRN 102.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN114
 PROGRAM STRUCTURE NO: 030104
 PROGRAM TITLE: KONA INTERNAT'L AIRPORT AT KE'AHOLE

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	290,386	167,820	188,938	196,519	197	197	197	197
TOTAL CURRENT LEASE PAYMENTS COST	290,386	167,820	188,938	196,519	197	197	197	197
BY MEANS OF FINANCING								
SPECIAL FUND	290,386	167,820	188,938	196,519	197	197	197	197
OPERATING COST	86.00*	86.00*	101.00*	101.00*	101.0*	101.0*	101.0*	101.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	6,734,838	6,766,555	8,447,066	8,799,453	8,799	8,799	8,799	8,799
OTHER CURRENT EXPENSES	12,684,066	14,631,064	11,380,602	12,951,752	12,941	12,941	12,941	12,941
EQUIPMENT	125,035	384,111	689,359	69,111	54	54	54	54
MOTOR VEHICLES		418,960	1,580,499	1,040,000	115	115	115	115
TOTAL OPERATING COST	19,543,939	22,200,690	22,097,526	22,860,316	21,909	21,909	21,909	21,909
BY MEANS OF FINANCING								
	86.00*	86.00*	101.00*	101.00*	101.0*	101.0*	101.0*	101.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	19,543,939	22,200,690	20,738,526	22,018,816	21,909	21,909	21,909	21,909
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS			1,359,000	841,500				
CAPITAL IMPROVEMENT COSTS								
PLANS	1,000							
DESIGN	4,139,000	8,217,000	11,768,000	4,770,000				
CONSTRUCTION	20,000,000		45,340,000	60,636,000	6,825	675		
TOTAL CAPITAL EXPENDITURES	24,140,000	8,217,000	57,108,000	65,406,000	6,825	675		

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN114
 PROGRAM STRUCTURE NO: 030104
 PROGRAM TITLE: KONA INTERNAT'L AIRPORT AT KE'AHOLE

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND		2,565,000	7,695,000	3,924,000				
G.O. BONDS	1,000,000	1,500,000	25,000,000	25,000,000				
REVENUE BONDS	23,140,000	4,152,000	16,412,000	24,481,000	6,825	675		
FEDERAL FUNDS			8,001,000	12,001,000				
TOTAL PERM POSITIONS	86.00*	86.00*	101.00*	101.00*	101.0*	101.0*	101.0*	101.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	43,974,325	30,585,510	79,394,464	88,462,835	28,931	22,781	22,106	22,106

PROGRAM ID: TRN114
 PROGRAM STRUCTURE: 030104
 PROGRAM TITLE: KONA INTERNATIONAL AIRPORT AT KE'AHOLE

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	25	25	25	25	25	25	25	25
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	94	94	94	94	94	94	94	94
3. THROUGH-PUT COST PER PASSENGER (CENTS)	660	670	670	670	670	670	670	670
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	.01	.01	.01	.01	.01	.01	.01	.01
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	.16	.16	.16	.16	.16	.16	.16	.16
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	7000	7000	7000	7000	7000	7000	7000	7000
7. RATING OF FACILITY BY USERS	9	9	9	9	9	9	9	9
8. RATING OF FACILITY BY AIRLINES (%)	8	8	8	8	8	8	8	8
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	8	8	8	8	8	8	8	8
10. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	50	50	50	50	50	50	50	50
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	2825	2825	2825	2825	2825	2825	2825	2825
2. CARGO (THOUSAND OF TONS)	20	20	20	20	20	20	20	20
3. AIR MAIL (TONS)	7770	7770	7770	7770	7770	7770	7770	7770
4. AIRCRAFT OPERATIONS (THOUSANDS)	128	128	128	128	128	128	128	128
5. CUSTODIAL SERVICES	19	19	19	19	19	19	19	19
6. CAPITAL IMPROVEMENT PROGRAM	3000	3000	3000	3000	3000	3000	3000	3000
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	60	60	60	60	60	60	60	60
2. CARGO HANDLING AREA (SQ. FT.)	161000	161000	161000	161000	161000	161000	161000	161000
3. VEHICULAR CAPACITY IN PARKING STALLS	500	500	500	500	500	500	500	500
4. TERMINAL FACILITIES (1,000 SQ FT)	200	200	200	200	200	200	200	200
5. RESTROOM FACILITY STANDARDS	17	17	17	17	17	17	17	17
6. CIP IMPLEMENTATION	3000	3000	3000	3000	3000	3000	3000	3000

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN114: KONA INTERNAT'L AIRPORT AT KE'AHOLE

03 01 04

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Kona International Airport at Keahole (KOA).

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FY 2017-19 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary rate increases of \$1,234,919B in each year; (2) additional 12 Visitor Information Assistant (VIPA) positions and funds of \$325,504B in FY 18 and \$586,008B in FY 19; (3) additional 3 Office Assistant positions and funds of \$71,483B in FY 18 and \$133,766 in FY 19 for Pass & ID Office; (4) trade-off/transfer of savings in electricity to ESCO maintenance; (5) increases for water consumption of \$101,144B in FY 18 and \$141,645B in FY 19; (6) special maintenance projects totaling \$1,400,000B in FY 19; (7) increases in security expenses of \$440,806B in FY 18 and \$583,000B in FY 19; (8) new and replacement equipment of \$590,648B in FY 18; (9) motor vehicle replacement of \$80,499B in FY 18 and \$115,000B in FY 19; and (10) replacement of a 3,000-gallon and a 1,500-gallon Airport Rescue Fire Fighting (ARFF) vehicles of \$166,000B/\$1,359,000N in FY 18 and \$108,500B/\$841,500N in FY 19.

The FY 2017-19 Capital Improvement Program (CIP) budget request includes the following six (6) CIP projects:

Emergency Generator Upgrade
ARFF Emergency Command Center
Perimeter Fence Replacement
Agricultural Inspection Station
Restroom Renovation
Federal Inspection Station

The CIP budget request of \$2,066,000 in Airport Revenue Bond funds in FY 18 and \$11,375,000 in FY 19, \$1,359,000 in Airport Special funds in FY 18, \$1,000 in federal funds in FY 18 and \$50,000,000 in General Obligation Bond funds in FY 18 will fund the six (6) CIP projects.

C. Description of Activities Performed

Provides crash/fire services, police, traffic and parking control, including law enforcement officers for the Federal Aviation Administration (FAA) Airport Certification Program, crime prevention and crowd control; maintains all airfield operations areas including paved and unpaved runways, taxiways, aprons, airfield lights, ramp lighting, windsocks and other navigational aids, maintains all exterior building surfaces, interior public areas, electrical and mechanical equipment, plumbing systems; maintains roads, landscaped areas, parking lots, street lighting, regulatory, warning and destination signs; and issues parking permits, regulates concessions, airline and other tenant activities.

Provides administrative and specialized maintenance support for the Hawaii District Airports, which consists of Hilo International Airport, TRN 111, Kona International Airport, TRN 114, Waimea-Kohala Airport, TRN 116 and Upolu Airport, TRN 118.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan.

These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment. In the area of facilities improvements, the Division has projects to increase the capacities of airports, as well as support facilities to effectively accommodate transshipment and storage needs. Facilities improvements, as well as operating policies, are intended to encourage a variety of carriers to offer increased opportunities and advantages to the movement of people and goods.

E. Identification of Important Program Relationships

The operations of the airport must comply with the FAA and Transportation Security Administration regulations concerning security, safety and certification.

Program Plan Narrative

TRN114: KONA INTERNAT'L AIRPORT AT KE'AHOLE

03 01 04

The airport has facilities for FAA air traffic control and U.S. Department of Agriculture plant inspection activities.

The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning guidance and support are provided by Air Transportation Facilities and Services Support, TRN 195.

F. Description of Major External Trends Affecting the Program

KOA is the third busiest airport in the State system in terms of passengers processed. In 2015, 2,975,470 passengers passed through the airport. Passenger traffic increased 5.4% compared to 2014. Also, environmental concerns continue to be a major factor in growth of physical facilities at the airport.

G. Discussion of Cost, Effectiveness, and Program Size Data

Operational costs are primarily related to normal operational requirements necessary to maintain airport facilities and services and comply with federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues from KOA are expected to improve as traffic increases. Revenues are generated from aeronautical rentals, airport use charges, concession fees, other non-aeronautical rentals and miscellaneous other income. Total revenues generated are included in the statewide airport system revenues of TRN 195.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuing evaluation.

J. Further Considerations

See comments for Honolulu International Airport, TRN 102. Other improvements in the terminal and cargo handling areas will facilitate increased passenger, aircraft and cargo traffic. KOA now has daily flights from the west coast and Japan.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN116
 PROGRAM STRUCTURE NO: 030105
 PROGRAM TITLE: WAIMEA-KOHALA AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	10,379	4,648	5,233	5,443	5	5	5	5
TOTAL CURRENT LEASE PAYMENTS COST	10,379	4,648	5,233	5,443	5	5	5	5
BY MEANS OF FINANCING								
SPECIAL FUND	10,379	4,648	5,233	5,443	5	5	5	5
OPERATING COST	6.00*	6.00*	6.00*	6.00*	6.0*	6.0*	6.0*	6.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	192,315	478,780	563,651	563,651	564	564	564	564
OTHER CURRENT EXPENSES	869,088	505,381	380,786	1,383,453	1,383	1,383	1,383	1,383
EQUIPMENT	426	80,000						
MOTOR VEHICLES		76,600						
TOTAL OPERATING COST	1,061,829	1,140,761	944,437	1,947,104	1,947	1,947	1,947	1,947
BY MEANS OF FINANCING								
	6.00*	6.00*	6.00*	6.00*	6.0*	6.0*	6.0*	6.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	1,061,829	1,140,761	944,437	1,947,104	1,947	1,947	1,947	1,947
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS								
TOTAL PERM POSITIONS	6.00*	6.00*	6.00*	6.00*	6.0*	6.0*	6.0*	6.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	1,072,208	1,145,409	949,670	1,952,547	1,952	1,952	1,952	1,952

PROGRAM ID: TRN116
 PROGRAM STRUCTURE: 030105
 PROGRAM TITLE: WAIMEA-KOHALA AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	7	7	7	7	7	7	7	7
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	15	15	15	15	15	15	15	15
3. THROUGH-PUT COST PER PASSENGER (CENTS)	6500	6500	6500	6500	6500	6500	6500	6500
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	0	0	0	0	0	0	0	0
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTs	0	0	0	0	0	0	0	0
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	590	600	600	600	600	600	600	600
7. RATING OF FACILITY BY USERS	9	9	9	9	9	9	9	9
8. RATING OF FACILITY BY AIRLINES (%)	8	8	8	8	8	8	8	8
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	1	1	1	1	1	1	1	1
10. % OF CIP PROJECTS COMPLETED WITHIN SCHEDULED TIME	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	3	3	3	3	3	3	3	3
2. CARGO (TONS)	0.2	0.2	.2	.2	.2	.2	.2	.2
3. AIR MAIL (TONS)	1260	1260	1260	1260	1260	1260	1260	1260
4. AIRCRAFT OPERATIONS (THOUSANDS)	2	2	2	2	2	2	2	2
5. CUSTODIAL SERVICES	0	0	0	0	0	0	0	0
6. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	55	55	55	55	55	55	55	55
2. CARGO HANDLING AREA (SQ FT)	5128	5128	5218	5128	5128	5128	5128	5128
3. VEHICULAR CAPACITY IN PARKING STALLS	81	81	81	81	81	81	81	81
4. TERMINAL FACILITIES (100 SQ FT)	112	112	112	112	112	112	112	112
5. RESTROOM FACILITY STANDARDS	2	2	2	2	2	2	2	2
6. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN116: WAIMEA-KOHALA AIRPORT

03 01 05

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Waimea-Kohala Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary rate increases of \$72,973B in each year; (2) trade-off/transfer of savings in electricity to ESCO maintenance; (3) increases in security expenses of \$52,301B in FY 18 and \$55,301B in FY 19; and (4) special maintenance projects totaling \$1,000,000B in FY 19.

No FB 2017-19 Capital Improvement Program request is included for TRN 116.

C. Description of Activities Performed

Provides crash/fire services, maintains airfield operations areas, including paved and unpaved airport runway, taxiway, and apron lighting systems, windsocks and other navigational aids; maintains buildings, including exterior surfaces, interior public areas, electrical and mechanical equipment, plumbing systems; maintains roads, landscaped areas, parking lots, street lights, regulatory, warning and destination signs; and regulates concession, airline and other tenant activities.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment.

E. Identification of Important Program Relationships

The operations of the airport must comply with the Federal Aviation Administration and Transportation Security Administration regulations concerning security and safety. The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning guidance and support is provided by Air Transportation Facilities and Services Support, TRN 195. TRN 114 provides specialized operations and maintenance support.

F. Description of Major External Trends Affecting the Program

Activity at a general aviation airport is difficult to predict and can be greatly affected by a single event, such as a construction project in the vicinity.

Also, environmental concerns continue to be a major factor in growth of physical facilities at the airport.

No statistics are available for fiscal year 2013 or 2014.

G. Discussion of Cost, Effectiveness, and Program Size Data

Increases in operational cost are due to normal operational requirements.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, air travel growth, etc., must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues generated from aeronautical rentals and the airport use charges are minimal and are included in the total statewide system revenues of TRN 195.

Program Plan Narrative

TRN116: WAIMEA-KOHALA AIRPORT

03 01 05

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuing evaluation.

J. Further Considerations

The viability of Waimea-Kohala Airport is dependent upon the most effective use of limited resources and is in continuous review of capacity versus demand on airport facilities.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN118
 PROGRAM STRUCTURE NO: 030106
 PROGRAM TITLE: UPOLU AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OTHER CURRENT EXPENSES	136,020	760,500	49,500	49,500	50	50	50	50
EQUIPMENT								
TOTAL OPERATING COST	136,020	760,500	49,500	49,500	50	50	50	50
BY MEANS OF FINANCING								
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
SPECIAL FUND	136,020	760,500	49,500	49,500	50	50	50	50
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS								
CAPITAL IMPROVEMENT COSTS								
DESIGN			10,000	15,000				
CONSTRUCTION				400,000	600			
TOTAL CAPITAL EXPENDITURES			10,000	415,000	600			
BY MEANS OF FINANCING								
REVENUE BONDS			10,000	415,000	600			
TOTAL PERM POSITIONS	*	*	*	*	*	*	*	*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	136,020	760,500	59,500	464,500	650	50	50	50

PROGRAM ID: TRN118
 PROGRAM STRUCTURE: 030106
 PROGRAM TITLE: UPOLU AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	7	7	7	7	7	7	7	7
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	10	10	10	10	10	10	10	10
3. THROUGH-PUT COST PER PASSENGER (CENTS)	0	0	0	0	0	0	0	0
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	0	0	0	0	0	0	0	0
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	0	0	0	0	0	0	0	0
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	2600	2600	2600	2600	2600	2600	2600	2600
7. RATING OF FACILITY BY USERS	0	0	0	0	0	0	0	0
8. RATING OF FACILITY BY AIRLINES (%)	0	0	0	0	0	0	0	0
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	0	0	0	0	0	0	0	0
10. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	0	0	0	0	0	0	0	0
2. CUSTODIAL SERVICES	0	0	0	0	0	0	0	0
3. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	26	26	26	26	26	26	26	26
2. RESTROOM FACILITY STANDARDS	1	1	1	1	1	1	1	1
3. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN118: UPOLU AIRPORT

03 01 06

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Upolu Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

No FB 2017-19 operating budget request is included for TRN 118.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following one (1) CIP project:

Airport Improvements

The CIP budget request of \$25,000 in FY 18 and \$1,000,000 in FY 19 in Airport Revenue Bond funds will fund the one (1) CIP project.

C. Description of Activities Performed

Maintenance of airfield operations areas, including paved and unpaved airport runway, taxiway and apron, windsocks, emergency lighting, airport beacon and other navigational aids is provided by TRN114. Also, provides maintenance of grassed areas, exterior building surfaces, and interior of buildings, including electrical and plumbing systems.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment.

E. Identification of Important Program Relationships

The operations of the airport must comply with the Federal Aviation Administration and Transportation Security Administration regulations concerning security and safety.

The airport also maintains a close working relationship with the military and other airport users to provide facilities for training and filming on location and general aviation activities. Administrative, engineering and planning guidance and support is provided by Air Transportation Facilities and Services Support, TRN 195. Specialized operations and maintenance support is provided by TRN 114.

F. Description of Major External Trends Affecting the Program

This airfield must be maintained as an emergency landing strip. There is also an important radar beacon located nearby. Also, environmental concerns continue to be a major factor in growth of physical facilities at the airport.

G. Discussion of Cost, Effectiveness, and Program Size Data

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, air travel growth, etc., must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

Vandalism is a continuing problem at this airport. Its remoteness and relatively low activity level has caused security problems and facility damage. Improved, cost effective security measures are being considered.

H. Discussion of Program Revenues

Revenues for this program are non-existent or very minimal and are included in TRN 195.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN131
PROGRAM STRUCTURE NO: 030107
PROGRAM TITLE: KAHULUI AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	3,684,600	2,312,958	2,604,019	2,708,501	2,709	2,709	2,709	2,709
TOTAL CURRENT LEASE PAYMENTS COST	3,684,600	2,312,958	2,604,019	2,708,501	2,709	2,709	2,709	2,709
BY MEANS OF FINANCING								
SPECIAL FUND	3,684,600	2,312,958	2,604,019	2,708,501	2,709	2,709	2,709	2,709
OPERATING COST	162.00*	162.00*	179.00*	179.00*	179.0*	179.0*	179.0*	179.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	9,974,956	11,921,477	14,658,308	15,306,583	15,307	15,307	15,307	15,307
OTHER CURRENT EXPENSES	15,230,344	17,491,480	16,549,386	21,728,006	21,730	21,730	21,730	21,730
EQUIPMENT	431,081	760,996	1,035,796	602,196	627	627	627	627
MOTOR VEHICLES		1,721,100	2,496,600	466,600	439	439	439	439
TOTAL OPERATING COST	25,636,381	31,895,053	34,740,090	38,103,385	38,103	38,103	38,103	38,103
BY MEANS OF FINANCING								
	162.00*	162.00*	179.00*	179.00*	179.0*	179.0*	179.0*	179.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	25,636,381	30,762,553	33,057,090	38,103,385	38,103	38,103	38,103	38,103
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS		1,132,500	1,683,000					
CAPITAL IMPROVEMENT COSTS								
PLANS	1,000,000							
DESIGN	680,000	3,463,000	7,558,000	960,000				
CONSTRUCTION	1,320,000	4,343,000	19,257,000	53,540,000	57,795	1,680		
TOTAL CAPITAL EXPENDITURES	3,000,000	7,806,000	26,815,000	54,500,000	57,795	1,680		

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN131
 PROGRAM STRUCTURE NO: 030107
 PROGRAM TITLE: KAHULUI AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
REVENUE BONDS	2,250,000	7,806,000	26,815,000	54,500,000	57,795	1,680		
FEDERAL FUNDS	750,000							
TOTAL PERM POSITIONS	162.00*	162.00*	179.00*	179.00*	179.0*	179.0*	179.0*	179.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	32,320,981	42,014,011	64,159,109	95,311,886	98,607	42,492	40,812	40,812

PROGRAM ID: TRN131
 PROGRAM STRUCTURE: 030107
 PROGRAM TITLE: KAHULUI AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	20	20	20	20	20	20	20	20
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	97	97	97	97	97	97	97	97
3. THROUGH-PUT COST PER PASSENGER (CENTS)	500	500	500	500	500	500	500	500
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	.07	.07	.07	.07	.07	.07	.07	.07
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	.7	.7	.7	.7	.7	.7	.7	.7
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	6200	6200	6200	6200	6200	6200	6200	6200
7. RATING OF FACILITY BY USERS	9	9	9	9	9	9	9	9
8. RATING OF FACILITY BY AIRLINES (%)	8	8	8	8	8	8	8	8
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	10	10	10	10	10	10	10	10
10. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	50	50	50	50	50	50	50	50
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	5620	5620	5620	5620	5620	5620	5620	5620
2. CARGO (THOUSANDS OF TONS)	30	30	30	30	30	30	30	30
3. AIR MAIL (TONS)	14700	14700	14700	14700	14700	14700	14700	14700
4. AIRCRAFT OPERATIONS (THOUSANDS)	130	130	130	130	130	130	130	130
5. CUSTODIAL SERVICES	58	58	58	58	58	58	58	58
6. CAPITAL IMPROVEMENT PROGRAM	16576	16576	16576	16576	16576	16576	16576	16576
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	71	71	71	71	71	71	71	71
2. CARGO HANDLING AREA (1,000 SQ FT)	104	104	104	104	104	104	104	104
3. VEHICULAR CAPACITY IN PARKING STALLS	1917	1917	1917	1917	1917	1917	1917	1917
4. TERMINAL FACILITIES (1,000 SQ FT)	373	373	373	373	373	373	373	373
5. RESTROOM FACILITY STANDARDS	125	125	125	125	125	125	125	125
6. CIP IMPLEMENTATION	16576	16576	16576	16576	16576	16576	16576	16576

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN131: KAHULUI AIRPORT

03 01 07

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods into, within, and out of the State by providing and operating airport facilities and supporting services at Kahului Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes funding for: (1) additional payroll costs for fringe benefits and salary rate increases of \$1,899,663B in each year; (2) additional 3 Groundskeeper positions and funds of \$93,427B in FY 18 and \$186,854B in FY 19; (3) additional 4 Office Assistant positions and funds of \$93,189B in FY 18 and \$177,178B in FY 19 for Pass & ID Office; (4) additional 10 Airport Rescue Fire Fighting (ARFF) positions and funds of \$466,259B in FY 18 and \$932,518B in FY 19; (5) trade-off/transfer of savings in electricity to ESCO maintenance and lease financing payments; (6) special maintenance totaling \$1,500,000B in FY 18 and \$5,500,000B in FY 19; (7) additional funds of \$2,420,579B in FY 18 and \$3,768,288B in FY 19 for increases in security services; (8) additional funds for other current expenses for Grounds Maintenance Unit; (9) reinstate funding of \$75,000B authorized in FY 17 and inadvertently identified as non-recurring; (10) new and replacement equipment for Maintenance Section; (11) new and replacement vehicles for Grounds Maintenance Unit; and (14) replacement of two 1,500-gallon ARFF vehicles of \$217,000B/ \$1,683,000N in FY 18.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following five (5) CIP projects:

Holdroom and Gate Improvements
Inbound Baggage Handling System Improvements
Common Use Passenger Processing System Upgrade
Airport Improvements
Lease Lots

The CIP budget request of \$108,473,000 in FY 18 and \$18,125,000 in FY 19 in Airport Revenue Bond funds will fund the five (5) CIP projects.

C. Description of Activities Performed

Provides crash/fire service, police, traffic and parking control, including law enforcement officers for the Federal Aviation Administration (FAA) Airport Certification Program; maintains airfield operations area including paved and unpaved runway, taxiway and apron area, lights, windsocks and other navigational aids, drainage systems and clear zones; maintains buildings, including all exterior building surfaces, interior public areas, flight information and fire alarm systems, electrical and mechanical equipment, plumbing systems, air conditioning systems; maintains baggage delivery, elevators and other equipment; maintains roads, landscaped areas, parking lots, street lighting, regulatory, warning and destination signs; issues parking permits, ground transportation licenses and permits; and regulates concession, airline and other tenant activities. Provides administrative and specialized maintenance support for the Maui Airports District, which consists of Kahului Airport, TRN 131; Hana Airport, TRN 133; Kapalua airport, TRN 135; Molokai Airport, TRN 141; Kalaupapa Airport, TRN 143; and Lanai Airport, TRN 151.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment. In the area of facilities improvements, the Division has projects to increase the capacities of airports, as well as support facilities to effectively accommodate transshipment and storage needs. Facilities improvements, as well as operating policies, are intended to encourage a variety of carriers to offer increased opportunities and advantages to the movement of people and goods.

Program Plan Narrative

TRN131: KAHULUI AIRPORT

03 01 07

E. Identification of Important Program Relationships

The operations of the airport must comply with the FAA and Transportation Security Administration regulations concerning security, safety and certification.

The airport has facilities for FAA air traffic control, U.S. Weather Bureau forecast activities and for Department of Agriculture plant inspection activities.

The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning guidance and support are provided by Air Transportation Facilities and Services Support, TRN 195.

F. Description of Major External Trends Affecting the Program

Kahului Airport is the second busiest airport in the State system in terms of numbers of passengers processed. In 2015, 6,500,821 passengers passed through the airport. Passenger traffic increased 7.8% from 2014. FAA regulations relating to security and certification continue to keep program costs up. Also, environmental concerns continue to be a major factor in growth of physical facilities at the airport.

G. Discussion of Cost, Effectiveness, and Program Size Data

Increases in operational cost are due to normal operational requirements.

Operational costs are primarily for normal operational requirements necessary to maintain airport facilities and services and comply with federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Kahului is the largest revenue producer of all the neighbor island airports. Revenues are generated from aeronautical rentals, airport use charge, concession fees, non-aeronautical rentals and other miscellaneous sources. Total revenues generated are included in the statewide airport system revenues of TRN 195.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuing evaluation.

J. Further Considerations

See comments for Honolulu International Airport, TRN 102.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN133
 PROGRAM STRUCTURE NO: 030108
 PROGRAM TITLE: HANA AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	3,205	1,435	1,616	1,680	2	2	2	2
TOTAL CURRENT LEASE PAYMENTS COST	3,205	1,435	1,616	1,680	2	2	2	2
BY MEANS OF FINANCING								
SPECIAL FUND	3,205	1,435	1,616	1,680	2	2	2	2
OPERATING COST	8.00*	8.00*	8.00*	8.00*	8.0*	8.0*	8.0*	8.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	594,280	651,052	798,182	798,182	798	798	798	798
OTHER CURRENT EXPENSES	518,396	2,927,201	466,692	116,597	117	117	117	117
EQUIPMENT		82,500	128,725	194,000	194	194	194	194
MOTOR VEHICLES		39,040						
TOTAL OPERATING COST	1,112,676	3,699,793	1,393,599	1,108,779	1,109	1,109	1,109	1,109
BY MEANS OF FINANCING								
	8.00*	8.00*	8.00*	8.00*	8.0*	8.0*	8.0*	8.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	1,112,676	1,699,793	1,393,599	1,108,779	1,109	1,109	1,109	1,109
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS		2,000,000						
CAPITAL IMPROVEMENT COSTS								
DESIGN	1,209,000	1,000,000	200,000	300,000				
CONSTRUCTION	3,079,000	20,313,000	8,000,000	1,150,000	750	600		
TOTAL CAPITAL EXPENDITURES	4,288,000	21,313,000	8,200,000	1,450,000	750	600		

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN133
 PROGRAM STRUCTURE NO: 030108
 PROGRAM TITLE: HANA AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
REVENUE BONDS	2,398,000	10,063,000	8,200,000	1,450,000	750	600		
FEDERAL FUNDS	1,890,000	11,250,000						
TOTAL PERM POSITIONS	8.00*	8.00*	8.00*	8.00*	8.0*	8.0*	8.0*	8.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	5,403,881	25,014,228	9,595,215	2,560,459	1,861	1,711	1,111	1,111

PROGRAM ID: TRN133
 PROGRAM STRUCTURE: 030108
 PROGRAM TITLE: HANA AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	12	12	12	12	12	12	12	12
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	30	30	30	30	30	30	30	30
3. THROUGH-PUT COST PER PASSENGER (CENTS)	9000	9000	9000	9000	9000	9000	9000	9000
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	0	0	0	0	0	0	0	0
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	0	0	0	0	0	0	0	0
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	9100	9100	9100	9100	9100	9100	9100	9100
7. RATING OF FACILITY BY USERS	8	8	8	8	8	8	8	8
8. RATING OF FACILITY BY AIRLINES (%)	7	7	7	7	7	7	7	7
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	1	1	1	1	1	1	1	1
10. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	4	4	4	4	4	4	4	4
2. CARGO (TONS)	5	5	5	5	5	5	5	5
3. AIR MAIL (TONS)	0	0	0	0	0	0	0	0
4. AIRCRAFT OPERATIONS (THOUSANDS)	3	3	3	3	3	3	3	3
5. CUSTODIAL SERVICES	0	0	0	0	0	0	0	0
6. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	36	36	36	36	36	36	36	36
2. CARGO HANDLING AREA (SQ FT)	532	532	532	532	532	532	532	532
3. VEHICULAR CAPACITY IN PARKING STALLS	22	22	22	22	22	22	22	22
4. TERMINAL FACILITIES (SQ FT)	2208	2208	2208	2208	2208	2208	2208	2208
5. RESTROOM FACILITY STANDARDS	2	2	2	2	2	2	2	2
6. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN133: HANA AIRPORT

03 01 08

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Hana Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary rate increases of \$135,232B in each year; (2) trade-off/transfer of savings in electricity to ESCO maintenance; (3) special maintenance project totaling \$350,000B in FY 18; and (4) replacement equipment totaling \$128,725B in FY 18 and \$194,000B in FY 19.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following one (1) CIP project:

Baseyard Renovation

The CIP budget request of \$500,000 in FY 18 and \$1,500,000 in FY 19 in Airport Revenue Bond funds will fund the one (1) CIP project.

C. Description of Activities Performed

Provides crash/fire services; maintains airfield, paved and unpaved operations areas, runway lights, windsocks and other navigational aids; maintains roads, landscaped areas, parking lots, street signs; and maintains all exterior building surfaces, interior public areas, electrical and plumbing systems.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the

planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment.

E. Identification of Important Program Relationships

The operations of the airport must comply with the Federal Aviation Administration and Transportation Security Administration regulations concerning security and safety.

The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning guidance and support are provided by Air Transportation Facilities and Services Support, TRN 195. Specialized operations and maintenance support is provided by TRN 131.

F. Description of Major External Trends Affecting the Program

No statistics are available for 2015 at this time.

G. Discussion of Cost, Effectiveness, and Program Size Data

Increases in costs are due to normal operational requirements. Operational costs are primarily related to normal operational requirements necessary to maintain airport facilities and services and comply with Federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues generated from aeronautical rentals and airport use charges are minimal and are included in the total statewide airport system revenues of TRN 195.

Program Plan Narrative

TRN133: HANA AIRPORT

03 01 08

I. Summary of Analysis Performed

None.

J. Further Considerations

The viability of Hana Airport is dependent upon the most effective use of limited resources and is in continuous review of capacity versus demand on airport facilities.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN135
PROGRAM STRUCTURE NO: 030109
PROGRAM TITLE: KAPALUA AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	33,918	13,846	15,588	16,214	16	16	16	16
TOTAL CURRENT LEASE PAYMENTS COST	33,918	13,846	15,588	16,214	16	16	16	16
BY MEANS OF FINANCING								
SPECIAL FUND	33,918	13,846	15,588	16,214	16	16	16	16
OPERATING COST	11.00*	11.00*	11.00*	11.00*	11.0*	11.0*	11.0*	11.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	1,180,739	1,005,442	1,288,529	1,288,529	1,289	1,289	1,289	1,289
OTHER CURRENT EXPENSES	899,182	1,270,086	754,738	753,773	753	753	753	753
EQUIPMENT	13,037	35,700	34,667	111,068	111	111	111	111
MOTOR VEHICLES		114,040						
TOTAL OPERATING COST	2,092,958	2,425,268	2,077,934	2,153,370	2,153	2,153	2,153	2,153
BY MEANS OF FINANCING								
	11.00*	11.00*	11.00*	11.00*	11.0*	11.0*	11.0*	11.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	2,092,958	2,425,268	2,077,934	2,153,370	2,153	2,153	2,153	2,153
CAPITAL IMPROVEMENT COSTS								
DESIGN			50,000	450,000				
CONSTRUCTION				150,000	750	600		
TOTAL CAPITAL EXPENDITURES			50,000	600,000	750	600		
BY MEANS OF FINANCING								
REVENUE BONDS			50,000	600,000	750	600		
TOTAL PERM POSITIONS	11.00*	11.00*	11.00*	11.00*	11.0*	11.0*	11.0*	11.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	2,126,876	2,439,114	2,143,522	2,769,584	2,919	2,769	2,169	2,169

PROGRAM ID: TRN135
 PROGRAM STRUCTURE: 030109
 PROGRAM TITLE: KAPALUA AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	20	20	20	20	20	20	20	20
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	40	40	40	40	40	40	40	40
3. THROUGH-PUT COST PER PASSENGER (CENTS)	1400	1400	1400	1400	1400	1400	1400	1400
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	.04	.04	.04	.04	.04	.04	.04	.04
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTs	.9	.9	.9	.9	.9	.9	.9	.9
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	9000	9000	9000	9000	9000	9000	9000	9000
7. RATING OF FACILITY BY USERS	9	9	9	9	9	9	9	9
8. RATING OF FACILITY BY AIRLINES (%)	8	8	8	8	8	8	8	8
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	2	2	2	2	2	2	2	2
10. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	115	115	115	115	115	115	115	115
2. CARGO (TONS)	915	915	915	915	915	915	915	915
3. AIR MAIL (TONS)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
4. AIRCRAFT OPERATIONS (THOUSANDS)	10	10	10	10	10	10	10	10
5. CUSTODIAL SERVICES	2	2	2	2	2	2	2	2
6. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	37	37	37	37	37	37	37	37
2. CARGO HANDLING AREA (SQ FT)	3000	3000	3000	3000	3000	3000	3000	3000
3. VEHICULAR CAPACITY IN PARKING STALLS	60	60	60	60	60	60	60	60
4. TERMINAL FACILITIES (SQUARE FEET)	15000	15000	15000	15000	15000	15000	15000	15000
5. RESTROOM FACILITY STANDARDS	2	2	2	2	2	2	2	2
6. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN135: KAPALUA AIRPORT

03 01 09

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Kapalua Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2015-17 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary increases of \$279,211B in each year; (2) trade-off/transfer of savings in electricity to ESCO maintenance; (3) reinstate funding of \$15,000B authorized in FY 17 and inadvertently identified as non-recurring; and (4) replacement equipment totaling \$14,667B in FY 18 and \$91,068B in FY 19.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following one (1) CIP project:

Water Tank Improvements

The CIP budget request of \$500,000 in FY 18 and \$1,500,000 in FY 19 in Airport Revenue Bond funds will fund the one (1) CIP project.

C. Description of Activities Performed

Provides crash/fire and unicom radio traffic advisory services; maintains airfield operations areas, including paved and unpaved runway, taxiway and apron, runway lights, taxiway lights, windsocks and other navigational aids, drainage and clear zone areas; maintains all buildings, including exterior building surfaces, interior public areas, electrical, mechanical, plumbing systems and security fencing; and maintains roads, landscaped areas, parking lots and regulatory signs.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that

the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment.

E. Identification of Important Program Relationships

The operations of the airport must comply with the Federal Aviation Administration and Transportation Security Administration regulations concerning security, safety and certification. The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning support is provided by Air Transportation Facilities and Services Support, TRN 195. Specialized operations and maintenance support is provided by TRN 131.

F. Description of Major External Trends Affecting the Program

No statistics are available at this time.

G. Discussion of Cost, Effectiveness, and Program Size Data

Funds are requested for normal operational requirements.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, air travel growth, etc., must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues generated from aeronautical rentals, airport use charges, concession fees and non-aeronautical rental are minimal. Total revenues are included in the statewide airport system revenues of TRN 195.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuing evaluation.

Program Plan Narrative

TRN135: KAPALUA AIRPORT

03 01 09

J. Further Considerations

The viability of Kapalua Airport is dependent upon the most effective use of limited resources and is in continuous review of capacity versus demand on airport facilities. The restrictions on usage placed by county ordinance hampers the full use of available resources, especially from federal sources.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN141
 PROGRAM STRUCTURE NO: 030110
 PROGRAM TITLE: MOLOKAI AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	26,413	12,874	14,494	15,076	15	15	15	15
TOTAL CURRENT LEASE PAYMENTS COST	26,413	12,874	14,494	15,076	15	15	15	15
BY MEANS OF FINANCING								
SPECIAL FUND	26,413	12,874	14,494	15,076	15	15	15	15
OPERATING COST	13.00*	14.00*	14.00*	14.00*	14.0*	14.0*	14.0*	14.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	1,485,087	1,295,146	1,659,898	1,659,898	1,660	1,660	1,660	1,660
OTHER CURRENT EXPENSES	1,029,070	1,580,243	1,167,216	3,114,201	3,114	3,114	3,114	3,114
EQUIPMENT	32,064	350,922	263,560	127,770	128	128	128	128
MOTOR VEHICLES		39,040	925,000					
TOTAL OPERATING COST	2,546,221	3,265,351	4,015,674	4,901,869	4,902	4,902	4,902	4,902
BY MEANS OF FINANCING								
	13.00*	14.00*	14.00*	14.00*	14.0*	14.0*	14.0*	14.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	2,546,221	3,115,351	3,174,174	4,901,869	4,902	4,902	4,902	4,902
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS		150,000	841,500					
CAPITAL IMPROVEMENT COSTS								
DESIGN	80,000	120,000	400,000	600,000				
CONSTRUCTION		300,000	2,701,000	1,250,000	3,750	1,250		
TOTAL CAPITAL EXPENDITURES	80,000	420,000	3,101,000	1,850,000	3,750	1,250		

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN141
 PROGRAM STRUCTURE NO: 030110
 PROGRAM TITLE: MOLOKAI AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND		300,000	2,700,000					
REVENUE BONDS	80,000	120,000	400,000	1,850,000	3,750	1,250		
FEDERAL FUNDS			1,000					
TOTAL PERM POSITIONS	13.00*	14.00*	14.00*	14.00*	14.0*	14.0*	14.0*	14.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	2,652,634	3,698,225	7,131,168	6,766,945	8,667	6,167	4,917	4,917

PROGRAM ID: TRN141
 PROGRAM STRUCTURE: 030110
 PROGRAM TITLE: MOLOKAI AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	20	20	20	20	20	20	20	20
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	30	30	30	30	30	30	30	30
3. THROUGH-PUT COST PER PASSENGER (CENTS)	1100	1100	1100	1100	1100	1100	1100	1100
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	.03	.03	.03	.03	.03	.03	.03	.03
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	2500	2500	2500	2500	2500	2500	2500	2500
7. RATING OF FACILITY BY USERS	8	8	8	8	8	8	8	8
8. RATING OF FACILITY BY AIRLINES (%)	7	7	7	7	7	7	7	7
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	2	2	2	2	2	2	2	2
10. % OF CIP PROJECTS COMPLETED WITHIN SCHEDULED TIME	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. PASSENGERS(THOUSANDS)	220	220	220	220	220	220	220	220
2. CARGO (TONS)	1100	1100	1100	1100	1100	1100	1100	1100
3. AIR MAIL (TONS)	350	350	350	350	350	350	350	350
4. AIRCRAFT OPERATIONS (THOUSANDS)	35	35	35	35	35	35	35	35
5. CUSTODIAL SERVICES	2	2	2	2	2	2	2	2
6. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	75	75	75	75	75	75	75	75
2. CARGO HANDLING AREA (SQ FT)	11000	11000	11000	11000	11000	11000	11000	11000
3. VEHICULAR CAPACITY IN PARKING STALLS	300	300	300	300	300	300	300	300
4. TERMINAL FACILITIES (100 SQ FT)	109	109	109	109	109	109	109	109
5. RESTROOM FACILITY STANDARDS	2	2	2	2	2	2	2	2
6. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN141: MOLOKAI AIRPORT

03 01 10

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Molokai Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary rate increases of \$325,454B in each year; (2) full-year funding in each year of \$31,142B for a Janitor II position authorized in FY 17; (3) trade-off/transfer of savings in electricity to ESCO maintenance; (4) reinstate funding of \$15,000B authorized in FY 17 and inadvertently identified as non-recurring; (5) special maintenance projects totaling \$1,850,000B in FY 19; (6) increases in security expenses of \$179,372B in FY 18 and \$287,246B in FY 19; (7) new and replacement equipment of \$237,990B in FY 18 and \$117,200B in FY 19; and (8) replacement of a 1,500-gallon Airport Rescue Fire Fighting (ARFF) vehicle of \$108,500B/\$841,500N in FY 18.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following one (1) CIP project:

Terminal and Utility Improvements

The CIP budget request of \$1,000,000 in FY 18 and \$6,250,000 in FY 19 in Airport Revenue Bond funds will fund the (one) 1 CIP project.

C. Description of Activities Performed

Provides crash/fire services, parking control, law enforcement officers as required by the Federal Aviation Administration (FAA) Airport Security Program; maintains airfield operations areas including paved and unpaved runway, taxiway and apron, runway and taxiway lights, windsocks and other navigational aids, drainage and grass areas; maintains buildings, including exterior building surfaces, interior public areas, electrical, mechanical, plumbing systems; maintains roads, landscaped areas, parking lots, street lighting, regulatory and warning signs.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment. In the area of facilities improvements, the Division has projects to increase the capacities of airports, as well as support facilities, to effectively accommodate transshipment and storage needs. Facilities improvements as well as operating policies are intended to encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.

E. Identification of Important Program Relationships

The operations of the Airport must comply with the FAA and Transportation Security Administration regulations concerning security, safety and certification. The airport has facilities for FAA air traffic control.

The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning support is provided by Air Transportation Facilities and Services Support, TRN 195. Specialized operations and maintenance support is provided by TRN 131.

F. Description of Major External Trends Affecting the Program

No statistics are available at this time. FAA regulations relating to security and certification continue to keep program costs up. Also, environmental concerns continue to be a major factor for the growth of physical facilities at the airport.

Program Plan Narrative

TRN141: MOLOKAI AIRPORT

03 01 10

G. Discussion of Cost, Effectiveness, and Program Size Data

Increases in operational costs are primarily for normal operational requirements necessary to maintain airport facilities and services and comply with federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues generated from aeronautical rentals, airport use charges, concession fees, and non-aeronautical are moderate. Total revenues generated are included in the statewide airport system revenues of TRN 195.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuing evaluation.

J. Further Considerations

The viability of Molokai Airport is dependent upon the most effective use of limited resources and is in continuous review of capacity versus demand on airport facilities.

PROGRAM ID: TRN143
PROGRAM STRUCTURE NO: 030111
PROGRAM TITLE: KALAUPAPA AIRPORT

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OPERATING COST	9.00*	9.00*	9.00*	9.00*	9.0*	9.0*	9.0*	9.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	229,400	732,586	872,654	872,654	873	873	873	873
OTHER CURRENT EXPENSES	726,617	645,461	1,895,461	145,461	146	146	146	146
EQUIPMENT	15,709	79,833	400	400				
MOTOR VEHICLES		35,600						
TOTAL OPERATING COST	971,726	1,493,480	2,768,515	1,018,515	1,019	1,019	1,019	1,019
BY MEANS OF FINANCING	9.00*	9.00*	9.00*	9.00*	9.0*	9.0*	9.0*	9.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	971,726	1,493,480	2,768,515	1,018,515	1,019	1,019	1,019	1,019
CAPITAL IMPROVEMENT COSTS								
CONSTRUCTION				1,800,000	2,700			
TOTAL CAPITAL EXPENDITURES				1,800,000	2,700			
BY MEANS OF FINANCING								
REVENUE BONDS				1,800,000	2,700			
TOTAL PERM POSITIONS	9.00*	9.00*	9.00*	9.00*	9.0*	9.0*	9.0*	9.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	971,726	1,493,480	2,768,515	2,818,515	3,719	1,019	1,019	1,019

PROGRAM ID: TRN143
 PROGRAM STRUCTURE: 030111
 PROGRAM TITLE: KALAUPAPA AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
<u>MEASURES OF EFFECTIVENESS</u>								
1. NUMBER OF ACCIDENTS	0	0	0	0	0	0	0	0
2. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	0	0	0	0	0	0	0	0
3. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	0	0	0	0	0	0	0	0
<u>PROGRAM TARGET GROUPS</u>								
1. PASSENGERS (THOUSANDS)	5	5	5	5	5	5	5	5
2. AIRCRAFT OPERATIONS (THOUSANDS)	3	3	3	3	3	3	3	3
3. CUSTODIAL SERVICES	0	0	0	0	0	0	0	0
4. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
<u>PROGRAM ACTIVITIES</u>								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	75	75	75	75	75	75	75	75
2. TERMINAL FACILITIES (SQ FT)	1080	1080	1080	1080	1080	1080	1080	1080
3. RESTROOM FACILITY STANDARDS	2	2	2	2	2	2	2	2
4. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN143: KALAUPAPA AIRPORT

03 01 11

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Kalaupapa Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary increases of \$131,754B in each year; and (2) special maintenance projects totaling \$1,750,000B in FY 18.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following one (1) CIP project:

Airport Improvements

The CIP budget request of \$4,500,000 in Airport Revenue Bond funds in FY 19 will fund the one (1) CIP project.

C. Description of Activities Performed

Provides crash/fire services, maintains airfield operations areas including paved and unpaved airport runway and apron areas, windsocks and other navigational aids, drainage systems and clear zone area; maintains buildings, including exterior building surfaces and interior public areas, electrical and plumbing systems; and maintains roads, landscaped areas and parking areas.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected

communities and the quality of Hawaii's natural environment.

E. Identification of Important Program Relationships

The operations of the airport must comply with the Federal Aviation Administration and Transportation Security Administration regulations concerning security and safety.

Administrative, engineering and planning support are provided by Air Transportation Facilities and Services Support, TRN 195. TRN 131 (Kahului Airport) provides specialized operations and maintenance support.

F. Description of Major External Trends Affecting the Program

No statistics are available at this time.

G. Discussion of Cost, Effectiveness, and Program Size Data

Increases in operational costs are primarily for normal operational requirements necessary to maintain airport facilities and services and comply with federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues generated from aeronautical rental and airport use charges are minimal and are reported in TRN 195.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuing evaluation.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN151
 PROGRAM STRUCTURE NO: 030112
 PROGRAM TITLE: LANAI AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	90,614	47,874	53,898	56,061	56	56	56	56
TOTAL CURRENT LEASE PAYMENTS COST	90,614	47,874	53,898	56,061	56	56	56	56
BY MEANS OF FINANCING								
SPECIAL FUND	90,614	47,874	53,898	56,061	56	56	56	56
OPERATING COST	11.00*	11.00*	12.00*	12.00*	12.0*	12.0*	12.0*	12.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	1,115,368	1,048,713	1,296,556	1,331,865	1,332	1,332	1,332	1,332
OTHER CURRENT EXPENSES	1,157,142	1,606,497	2,490,053	2,613,650	2,613	2,613	2,613	2,613
EQUIPMENT	3,800	47,750	149,550	59,950	60	60	60	60
MOTOR VEHICLES			1,063,000	48,000	48	48	48	48
TOTAL OPERATING COST	2,276,310	2,702,960	4,999,159	4,053,465	4,053	4,053	4,053	4,053
BY MEANS OF FINANCING								
	11.00*	11.00*	12.00*	12.00*	12.0*	12.0*	12.0*	12.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	2,276,310	2,702,960	4,157,659	4,053,465	4,053	4,053	4,053	4,053
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS			841,500					
CAPITAL IMPROVEMENT COSTS								
DESIGN			200,000	300,000				
CONSTRUCTION		1,310,000	4,965,000	150,000	750	600		
TOTAL CAPITAL EXPENDITURES		1,310,000	5,165,000	450,000	750	600		

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN151
 PROGRAM STRUCTURE NO: 030112
 PROGRAM TITLE: LANAI AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND		1,000	4,000					
REVENUE BONDS		510,000	1,965,000	450,000	750	600		
PRIVATE CONTRIBUTIONS		799,000	3,196,000					
TOTAL PERM POSITIONS	11.00*	11.00*	12.00*	12.00*	12.0*	12.0*	12.0*	12.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	2,366,924	4,060,834	10,218,057	4,559,526	4,859	4,709	4,109	4,109

PROGRAM ID: TRN151
 PROGRAM STRUCTURE: 030112
 PROGRAM TITLE: LANAI AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	20	20	20	20	20	20	20	20
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	30	30	30	30	30	30	30	30
3. THROUGH-PUT COST PER PASSENGER (CENTS)	1600	1650	1650	1650	1650	1650	1650	1650
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	.004	.004	.004	.004	.004	.004	.004	.004
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	.7	.7	.7	.7	.7	.7	.7	.7
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	17	17	17	17	17	17	17	17
7. RATING OF FACILITY BY USERS	9	9	9	9	9	9	9	9
8. RATING OF FACILITY BY AIRLINES (%)	8	8	8	8	8	8	8	8
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	3	3	3	3	3	3	3	3
10. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	115	120	120	120	120	120	120	120
2. CARGO (TONS)	800	800	800	800	800	800	800	800
3. AIR MAIL (TONS)	150	150	150	150	150	150	150	150
4. AIRCRAFT OPERATIONS (THOUSANDS)	10	10	10	10	10	10	10	10
5. CUSTODIAL SERVICES	3	3	3	3	3	3	3	3
6. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	56	56	56	56	56	56	56	56
2. CARGO HANDLING AREA (SQ FT)	1368	1368	1368	1368	1368	1368	1368	1368
3. VEHICULAR CAPACITY IN PARKING STALLS	120	120	120	120	120	120	120	120
4. TERMINAL FACILITIES (SQ FT)	13661	13661	13661	13661	13661	13661	13661	13661
5. RESTROOM FACILITY STANDARDS	2	2	2	2	2	2	2	2
6. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN151: LANAI AIRPORT

03 01 12

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Lanai Airport (LNY).

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary rate increases of \$204,220B in each year; (2) additional Airport Operations & Maintenance Worker position and funds of \$35,309B in FY 18 and \$70,618B in FY 19; (3) trade-off/transfer of savings in electricity to ESCO maintenance; (4) reinstate funding of \$20,000B authorized in FY 17 and inadvertently identified as non-recurring; (5) special maintenance projects totaling \$1,000,000B in each year; (6) increases in security expenses of \$185,299B in FY18 and \$311,396B in FY19; (7) increases to other current expenses of \$328,912B in FY 18 and \$339,712B in FY 19 for routine maintenance, Airport Rescue Fire Fighting (ARFF) supplies, and service contracts; (8) new and replacement equipment of \$122,550B in FY 18 and \$47,950B in FY 19; (9) replacement of a 1,500-gallon ARFF vehicle of \$108,500B/\$841,500N in FY 18; and (10) replacement of pickup trucks for Maintenance and ARFF Sections totaling \$138,000B in FY 18 and \$48,000B in FY 19.

The FB 2015-17 Capital Improvement Program (CIP) budget request includes the following two (2) CIP projects:

Restroom Facilities
Baseyard Renovation

The CIP budget request of \$1,500,000 in FY 18 and \$1,500,000 in FY 19 in Airport Revenue Bond funds will fund the two (2) CIP projects.

C. Description of Activities Performed

Provides crash/fire services; maintains airfield operations areas, including paved and unpaved runway, taxiway and apron, runway lights, taxiway lights, windsocks and other navigational aids, drainage and clear zone areas; maintains all buildings, including exterior building surfaces, interior public areas, electrical, mechanical, plumbing systems and security

fencing; and maintains roads, landscaped areas, parking lots and regulatory signs.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment. In the area of facilities improvements, a new passenger terminal, cargo building, access road and parking were completed in 1994. These facilities, as well as operating policies, are intended to encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.

E. Identification of Important Program Relationships

The operations of the airport must comply with the Federal Aviation Administration (FAA) and Transportation Security Administration regulations concerning security, safety and certification.

Storage facilities for highway maintenance equipment of the Highways Division are provided at the airport.

The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning support are provided by Air Transportation Facilities and Services Support, TRN 195. TRN 131 (Kahului Airport) provides specialized operations and maintenance support.

F. Description of Major External Trends Affecting the Program

Program Plan Narrative

TRN151: LANAI AIRPORT

03 01 12

Passenger, cargo and mail statistics through LNY provide the principal indicators for program improvements. The passenger volume at LNY was 107,000 in fiscal year 2014 (FY 14), up 13.1% from fiscal year 2013 (FY 13). The cargo volume of 816 tons was down 2.4% from FY 13. FAA regulations relating to security and certification continue to keep program costs up. Also, environmental concerns continue to be a major factor in growth of physical facilities at the Airport.

G. Discussion of Cost, Effectiveness, and Program Size Data

Funds requested are for normal operational requirements necessary to maintain airport facilities and services and comply with Federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues are generated from aeronautical rentals, airport use charges, concession fees, non-aeronautical rentals and other miscellaneous sources are minimal. Total revenues are included in the statewide airport system revenues of TRN 195.

I. Summary of Analysis Performed

Terminal and airfield requirements are under continuing evaluation.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN161
PROGRAM STRUCTURE NO: 030113
PROGRAM TITLE: LIHUE AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES	659,226	397,390	447,397	465,348	465	465	465	465
TOTAL CURRENT LEASE PAYMENTS COST	659,226	397,390	447,397	465,348	465	465	465	465
BY MEANS OF FINANCING								
SPECIAL FUND	659,226	397,390	447,397	465,348	465	465	465	465
OPERATING COST	101.00*	101.00*	104.00*	104.00*	104.0*	104.0*	104.0*	104.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	6,791,158	7,705,787	9,216,979	9,283,862	9,284	9,284	9,284	9,284
OTHER CURRENT EXPENSES	10,904,637	12,276,524	18,421,019	17,383,695	17,384	17,384	17,384	17,384
EQUIPMENT	85,128	884,973	114,994	95,394	95	95	95	95
MOTOR VEHICLES	67,218	1,440,000	925,000					
TOTAL OPERATING COST	17,848,141	22,307,284	28,677,992	26,762,951	26,763	26,763	26,763	26,763
BY MEANS OF FINANCING								
	101.00*	101.00*	104.00*	104.00*	104.0*	104.0*	104.0*	104.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	17,848,141	21,184,984	27,836,492	26,762,951	26,763	26,763	26,763	26,763
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS		1,122,300	841,500					
CAPITAL IMPROVEMENT COSTS								
PLANS		300,000	1,250,000	300,000				
LAND ACQUISITION			20,944,000					
DESIGN	2,013,000	689,000	2,057,000					
CONSTRUCTION	500,000	16,636,000	29,022,000	14,342,000	9,735			
TOTAL CAPITAL EXPENDITURES	2,513,000	17,625,000	53,273,000	14,642,000	9,735			

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN161
 PROGRAM STRUCTURE NO: 030113
 PROGRAM TITLE: LIHUE AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND		300,000	11,743,000	5,351,000				
REVENUE BONDS	2,513,000	3,303,000	8,497,000	9,290,000	9,735			
FEDERAL FUNDS		14,022,000	21,033,000	1,000				
OTHER FUNDS			12,000,000					
TOTAL PERM POSITIONS	101.00*	101.00*	104.00*	104.00*	104.0*	104.0*	104.0*	104.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	21,020,367	40,329,674	82,398,389	41,870,299	36,963	27,228	27,228	27,228

PROGRAM ID: TRN161
 PROGRAM STRUCTURE: 030113
 PROGRAM TITLE: LIHUE AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. AVG TIME FROM PLANE TOUCHDOWN-PASSENGER DEPARTURE	20	20	20	20	20	20	20	20
2. AVG TIME FROM PASSENGERS ENTERING TO PLANE TAKEOFF	85	85	85	85	85	85	85	85
3. THROUGH-PUT COST PER PASSENGER (CENTS)	900	900	900	900	900	900	900	900
4. NO. OF ACCIDENTS PER 100,000 SQ. FT.	0.10	0.10	.1	.1	.1	.1	.1	.1
5. NO. OF ACCIDENTS PER 100,000 PASSENGER MVTS	0.25	0.25	.25	.25	.25	.25	.25	.25
6. TOTAL OPERATING COST PER SQ. FT. (CENTS)	2700	2700	2700	2700	2700	2700	2700	2700
7. RATING OF FACILITY BY USERS	9	9	9	9	9	9	9	9
8. RATING OF FACILITY BY AIRLINES (%)	8	8	8	8	8	8	8	8
9. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	12	12	12	12	12	12	12	12
10. % OF CIP PROJECTS COMPLETED WITHIN SCHEDULED TIME	50	50	50	50	50	50	50	50
PROGRAM TARGET GROUPS								
1. PASSENGERS (THOUSANDS)	2650	2700	2700	2700	2700	2700	2700	2700
2. CARGO (TONS)	13600	13600	13600	13600	13600	13600	13600	13600
3. AIR MAIL (TONS)	1100	1100	1100	1100	1100	1100	1100	1100
4. AIRCRAFT OPERATIONS (THOUSANDS)	125	125	125	125	125	125	125	125
5. CUSTODIAL SERVICES	22	22	22	22	22	22	22	22
6. CAPITAL IMPROVEMENT PROGRAM	6874	6874	6874	6874	6874	6874	6874	6874
PROGRAM ACTIVITIES								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	110	110	110	110	110	110	110	110
2. CARGO HANDLING AREA (SQ FT)	757000	757000	757000	757000	757000	757000	757000	757000
3. VEHICULAR CAPACITY IN PARKING STALLS	400	400	400	400	400	400	400	400
4. TERMINAL FACILITIES (1,000 SQ FT)	88	88	88	88	88	88	88	88
5. RESTROOM FACILITY STANDARDS	18	18	18	18	18	18	18	18
6. CIP IMPLEMENTATION	6874	6874	6874	6847	6847	6847	6847	6847

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN161: LIHUE AIRPORT

03 01 13

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Lihue Airport (LIH).

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes adjustments for: (1) additional payroll costs for fringe benefits and salary rate increases of \$1,318,087B in each year; (2) additional 3 Office Assistant positions and funds of \$71,483 in FY 18 and \$133,766 in FY 19 for Pass & ID Office; (3) trade-off/transfer of savings in electricity to ESCO maintenance; (4) special maintenance projects totaling \$7,250,000B in FY 18 and \$6,250,000B in FY 19; (5) increases in security expenses of \$1,086,000B in each year; and (6) replacement of a 1,500 gallon Airport Rescue Fire Fighting (ARFF) vehicle of \$108,500B/\$841,500N in FY 18.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following three (3) CIP projects:

Land Acquisition
Ahukini Landfill Restoration
Ticket Lobby and Holdroom Improvements

The CIP budget request of \$9,294,000 in Airport Special funds in FY 18, \$5,123,000 in FY 18 and \$16,225,000 in FY 19 in Airport Revenue Bond funds, and \$12,000,000 in Rental Motor Vehicle Customer Facility Charge (CFC) funds in FY 18 will fund the three (3) CIP projects.

C. Description of Activities Performed

Provides crash/fire services, police, traffic and parking control, including law enforcement officers for the Federal Aviation Administration (FAA) Airport Certification Program; maintains airfield operations areas including paved and unpaved runways, taxiways and aprons, runway lights, taxiway lights, ramp lighting, windsocks and other navigational aids, drainage systems and clear zone areas; maintains buildings, including exterior building surfaces, interior public areas, maintains electrical, mechanical, plumbing, flight information, fire alarm, air conditioning and security systems; maintains roads, landscaped areas parking lots, street

lighting, regulatory, warning and destination signs; issues parking permits, ground transportation licenses; and regulates concession, airline and other tenant activities. Provides administrative and specialized maintenance support for the Kauai District Airports, which consists of Lihue Airport, TRN 161 and Port Allen Airport, TRN 163.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives, that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment. In the area of facilities improvements, the Division has projects to increase capacities of airports, as well as support facilities, to effectively accommodate transshipment and storage needs. Facilities improvements, as well as operating policies, are intended to encourage a variety of carriers to offer increased opportunities and advantages to the movement of people and goods.

E. Identification of Important Program Relationships

The operations of the Airport must comply with the FAA and Transportation Security Administration regulations concerning security, safety and certification.

The airport has facilities for FAA air traffic control, U.S. Weather Bureau forecast activities and for Department of Agriculture plant inspection activities.

The airport also maintains a close working relationship with the airlines and other tenants to provide for the convenience, safety and rapid movement of passengers and goods.

Administrative, engineering and planning guidance and support are provided by Air Transportation Facilities and Services Support, TRN 195.

Program Plan Narrative

TRN161: LIHUE AIRPORT

03 01 13

F. Description of Major External Trends Affecting the Program

LIH is the fourth busiest airport in the State system in terms of passengers processed, which provided the principal indicator for program improvements. In 2015, 2,776,652 passengers were processed, a 2.8% increase compared to 2014. FAA regulations relating to security and certification continue to keep program costs up. Also, environmental concerns continue to be a major factor in the growth of physical facilities at the airport.

G. Discussion of Cost, Effectiveness, and Program Size Data

Increases in cost are due to normal operational requirements necessary to maintain airport facilities and services and comply with federal security mandates within the budgetary guidelines set by the Department of Budget and Finance.

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Total revenues generated are included in the statewide airport system revenues of TRN 195.

I. Summary of Analysis Performed

Terminal and airfield requirements will continue to be under evaluation.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN163
 PROGRAM STRUCTURE NO: 030114
 PROGRAM TITLE: PORT ALLEN AIRPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OTHER CURRENT EXPENSES	245	26,841	1,841	1,841	2	2	2	2
TOTAL OPERATING COST	245	26,841	1,841	1,841	2	2	2	2
BY MEANS OF FINANCING								
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
SPECIAL FUND	245	26,841	1,841	1,841	2	2	2	2
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS								
CAPITAL IMPROVEMENT COSTS								
CONSTRUCTION			600,000	900,000				
TOTAL CAPITAL EXPENDITURES			600,000	900,000				
BY MEANS OF FINANCING								
REVENUE BONDS			600,000	900,000				
TOTAL PERM POSITIONS	*	*	*	*	*	*	*	*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	245	26,841	601,841	901,841	2	2	2	2

PROGRAM ID: TRN163
 PROGRAM STRUCTURE: 030114
 PROGRAM TITLE: PORT ALLEN AIRPORT

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
<u>MEASURES OF EFFECTIVENESS</u>								
1. NUMBER OF ACCIDENTS	0	0	0	0	0	0	0	0
2. AVE NO. TIMES AIRPORT RESTROOMS CLEANED PER DAY	1	1	1	1	1	1	1	1
3. % CIP PROJECTS COMPLETED W/IN SCHEDULED TIMETABLE	0	0	0	0	0	0	0	0
<u>PROGRAM TARGET GROUPS</u>								
1. PRIVATE AIRCRAFT OPERATIONS (THOUSANDS)	6	6	6	6	6	6	6	6
2. CUSTODIAL SERVICES	0	0	0	0	0	0	0	0
3. CAPITAL IMPROVEMENT PROGRAM	0	0	0	0	0	0	0	0
<u>PROGRAM ACTIVITIES</u>								
1. RUNWAY CAPACITY IN PEAK HOUR OPERATIONS	30	30	30	30	30	30	30	30
2. RESTROOM FACILITY STANDARDS	2	2	2	2	2	2	2	2
3. CIP IMPLEMENTATION	0	0	0	0	0	0	0	0

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN163: PORT ALLEN AIRPORT

03 01 14

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods within the State by providing and operating airport facilities and supporting services at Port Allen Airport.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

No FB 2017-19 operating budget request is included for TRN 163.

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following CIP project:

Security Fence Improvements

The CIP budget request of \$1,500,000 in Airport Revenue Bond funds in FY 18 will fund the one (1) CIP project.

C. Description of Activities Performed

Maintains airfield operations areas including paved and unpaved airport runway and taxiways, windsocks and other navigational aids and buildings used by various tenants at the airport.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part I, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure, among other objectives that the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment.

E. Identification of Important Program Relationships

The operations of the airport must comply with the Federal Aviation Administration and Transportation Security Administration regulations concerning security and safety.

Administrative, engineering and planning support are provided by Air Transportation Facilities and Services Support, TRN 195. TRN 161 (Lihue Airport) provides specialized operations and maintenance support.

F. Description of Major External Trends Affecting the Program

General Aviation and helicopters use Port Allen Airport. This airfield must be maintained to ensure emergency landing capacity. Also, environmental concerns continue to be a major factor in growth of physical facilities at the airport.

G. Discussion of Cost, Effectiveness, and Program Size Data

The airport maintains a master plan that recommends directions for airfield capacity and facility growth to meet various forecasts. Due to the dynamic nature of air travel, changes to aircraft type, air carrier marketing strategies, and air travel growth must be periodically accommodated. In between formal master plan updates, a short-term optimization study is done to ensure the airport is guided by current development plans.

H. Discussion of Program Revenues

Revenues generated from aeronautical rentals and airport use charges are minimal and are reported in TRN 195.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN195
PROGRAM STRUCTURE NO: 030115
PROGRAM TITLE: AIRPORTS ADMINISTRATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OPERATING COST	126.00*	130.00*	131.00*	131.00*	131.0*	131.0*	131.0*	131.0*
	1.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
PERSONAL SERVICES	8,676,796	11,330,974	12,984,049	13,011,457	13,011	13,011	13,011	13,011
OTHER CURRENT EXPENSES	127,044,945	220,668,018	214,249,367	229,020,870	276,611	318,158	318,147	318,151
EQUIPMENT	104,390	87,900	499,004	344,658	345	345	345	345
MOTOR VEHICLES	53,847							
TOTAL OPERATING COST	135,879,978	232,086,892	227,732,420	242,376,985	289,967	331,514	331,503	331,507
BY MEANS OF FINANCING								
	126.00*	130.00*	131.00*	131.00*	131.0*	131.0*	131.0*	131.0*
	1.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
SPECIAL FUND	135,879,978	232,086,892	227,732,420	242,376,985	289,967	331,514	331,503	331,507
CAPITAL IMPROVEMENT COSTS								
PLANS	1,915,000	6,359,000	11,306,000	5,603,000	800	300	300	300
LAND ACQUISITION	12,000,000							
DESIGN	5,825,000	5,119,000	6,154,000	9,426,000	6,526	1,525	1,525	1,525
CONSTRUCTION	286,915,000	327,220,000	80,090,000	36,700,000	28,250	32,401	2,200	2,200
TOTAL CAPITAL EXPENDITURES	306,655,000	338,698,000	97,550,000	51,729,000	35,576	34,226	4,025	4,025
BY MEANS OF FINANCING								
SPECIAL FUND	41,062,000	59,437,000	26,062,000	19,100,000	24,450	26,100	3,900	3,900
REVENUE BONDS	249,568,000	246,435,000	51,063,000	29,703,000	11,000	8,000		
FEDERAL FUNDS	7,500,000	7,501,000	7,500,000	1,000	1	1		
OTHER FUNDS	8,525,000	25,325,000	12,925,000	2,925,000	125	125	125	125
TOTAL PERM POSITIONS	126.00*	130.00*	131.00*	131.00*	131.0*	131.0*	131.0*	131.0*
TOTAL TEMP POSITIONS	1.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
TOTAL PROGRAM COST	442,534,978	570,784,892	325,282,420	294,105,985	325,543	365,740	335,528	335,532

PROGRAM ID: TRN195
 PROGRAM STRUCTURE: 030115
 PROGRAM TITLE: AIRPORTS ADMINISTRATION

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. ADMIN COSTS REL. TO TOTAL PROG COSTS (%)	34	34	34	34	34	34	34	34
PROGRAM ACTIVITIES								
1. ADMIN PERSONNEL (NO. OF PERSONS)	133	133	133	133	133	133	133	133
2. DIVISIONAL PERSONNEL (NO. OF PERSONS)	1205	1205	1205	1205	1205	1205	1205	1205
PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)								
TAXES	4,455	4,455	4,455	4,455	4,455	4,455	4,455	4,455
REVENUES FROM THE USE OF MONEY AND PROPERTY	3,373	3,331	3,446	3,592	3,667	3,697	3,740	3,769
REVENUE FROM OTHER AGENCIES: FEDERAL	46,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000
CHARGES FOR CURRENT SERVICES	458,642	486,061	509,568	541,046	573,682	590,298	602,595	624,384
TOTAL PROGRAM REVENUES	512,470	535,847	559,469	591,093	623,804	640,450	652,790	674,608
PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)								
SPECIAL FUNDS	512,470	535,847	559,469	591,093	623,804	640,450	652,790	674,608
TOTAL PROGRAM REVENUES	512,470	535,847	559,469	591,093	623,804	640,450	652,790	674,608

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN195: AIRPORTS ADMINISTRATION

03 01 15

A. Statement of Program Objectives

To enhance program effectiveness and efficiency by formulating policies, allocating resources and directing operations and personnel.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-19 operating budget request includes adjustments for: (1) debt service reduction (from base budget) of \$16,976,277B in FY 18 and \$2,012,074B in FY 19; (2) additional payroll costs for fringe benefits and salary rate increases of \$1,160,692 in each year; (3) full year funding of \$208,205B for new positions authorized in FY 17; (4) additional secretary position and funds of \$27,408B in FY 18 and \$54,816B in FY 19; (5) trade-off/transfer of savings in electricity from other programs to ESCO maintenance; (6) routine maintenance of the Automated Passport Control (APC) kiosks for \$550,000 each year; (7) increases in service contracts of \$5,900,000B in FY 18 and 5,400,000B in FY 19; and (8) replacement equipment of \$439,504B in FY18 and \$285,158B in FY19 .

The FB 2017-19 Capital Improvement Program (CIP) budget request includes the following ten (10) CIP projects:

- Airport Planning Study
- Fire Alarm System Improvements
- Airfield Improvements
- Airport Improvements
- Runway Safety Area Improvements
- Airports Division CIP Project Staff Costs
- Miscellaneous Airport Projects
- Construction Management Support
- Stormwater Permit Compliance
- Program Management

The CIP budget request of \$27,876,000 (\$15,550,000 in Airport Special (Special) funds, \$5,000,000 in Airport Revenue Bond (Bond) funds, \$1,000 in federal funds and \$7,325,000 in Passenger Facility Charge (PFC) funds) in FY 18 and \$71,027,000 (\$49,900,000 in Special funds, \$21,000,000 in Bond funds, \$2,000 in federal funds and \$125,000 in PFC funds) in FY 19 will fund the ten (10) CIP projects.

C. Description of Activities Performed

Provides direction, coordination and administrative support for the operation and maintenance of the State system of public airports; reviews administrative operations and maintenance procedures of the various airports; prepares internal policies memoranda and procedures; provides personnel, fiscal and property management services; reviews and consolidates the Division's program and planning budget; audits internal divisional activities as well as lessees, tenants and other concessionaire activities; prepares all lease documents, advertisements for concessionaires, concession documents, space permits and property resources inventories; reviews all personnel matters and collective bargaining activities of the Division; develops and reviews standard operating procedures; coordinates all activities of the Division with the Federal Aviation Administration (FAA); conducts periodic inspection of airport facilities; reviews all request for construction in airport approach zones; prepares all documents relating to airport rules and regulations affecting airlines, concessionaires, tenants and the general public using the airport facilities; supervises the planning, design, construction and maintenance of airport facilities; prepares maps, master plans and environmental impact statements; prepares the capital improvements and special maintenance budget for all airports; supervises the design of new airport and terminal facilities; reviews all construction activities and authorizes payment to consultants and contractors for work completed; provides engineering support for special maintenance problems at various airports; prepares maintenance contracts for services or repairs; prepares all airport zoning maps, lease exhibits and property resources maps; surveys areas as required for planning and property management; develops a program for the encouragement of general aviation and aeronautics throughout the State; and reviews plans for private landing fields development; develops a program for visitor information and satisfaction.

D. Statement of Key Policies Pursued

Plans and programs of the Airports Division support the goals and intent of the Hawaii State Plan as they relate to air transportation. While the size and capacities of each airport may vary, the Division pursues the objectives and sets its policies for the airport system in accordance with those cited in Part 1, Section 17, of the Hawaii State Plan. These are reflected in facilities planning, which assure among other objectives, that

Program Plan Narrative

TRN195: AIRPORTS ADMINISTRATION

03 01 15

the airports are planned so that statewide economic growth and diversification are assisted. Also, in airport planning and zoning, the planners and designers are sensitive to the needs of affected communities and the quality of Hawaii's natural environment. In the area of facilities improvements, the Division has projects to increase capacities of airports, as well as support facilities, to effectively accommodate transshipment and storage needs. Facilities improvements, as well as operating policies, are intended to encourage a variety of carriers to offer increased opportunities and advantages to the movement of people and goods.

E. Identification of Important Program Relationships

In addition to providing administrative and policy direction for all State airports, this program coordinates its activities with other State departments, federal agencies and the various counties of the State of Hawaii.

F. Description of Major External Trends Affecting the Program

As in the other programs of air transportation facilities and services, this program is directly affected by the increased number of passengers, cargo and mail that must be accommodated by the State system of airports. In 2015, 33,608,998 passengers were processed at Hawaii statewide airports. This was a 3.1% total increase in the number of passengers from 2014. The requirements of the FAA and the Transportation Security Administration have a direct effect on the program in the areas discussed previously concerning certification and security. The financing of major capital improvement projects for eligible airfield items are partially financed by federal aid under the Airport Improvement Program to increase the amount of participation by the federal government in airport projects.

G. Discussion of Cost, Effectiveness, and Program Size Data

Funds for other current expenses and equipment are to maintain current level of services, surcharge requirements and debt service for capital improvement appropriations.

H. Discussion of Program Revenues

Revenue sources for this program include aviation fuel taxes, concession fees, aeronautical revenues, airport use charges and landing fees, non-aeronautical rentals, interest income and miscellaneous income. The program is responsible to provide principal direction for the management and development of new revenue sources for all transportation facilities and services. Every effort is being made to assure that sufficient sources of revenue are generated to meet the operating and capital improvement needs of all programs.

Duty Free concession revenues have been impacted by the events of September 11, 2001, and reflect Hawaii's sensitivity to external market events. As a result, the Airport System's financial strategy is undergoing major changes. Airline revenue has become a larger portion of the reduced total revenues. Non-airline sources that must be looked at include other non-duty free concessions and airport businesses and Customer Facility Charges. Passenger Facility Charges and discretionary Federal Grants are other funding sources. Revenues from other sources also need to be explored. All revenues generated at various airports are included in the total statewide airports system of revenues of this program.

I. Summary of Analysis Performed

No special analyses were performed to substantiate a program change since no changes are required.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:
PROGRAM STRUCTURE NO: 0302
PROGRAM TITLE: WATER TRANSPORTATION FACILITIES AND SERVICES

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			1,591,323	1,673,498	1,674	1,674	1,674	1,674
TOTAL CURRENT LEASE PAYMENTS COST			1,591,323	1,673,498	1,674	1,674	1,674	1,674
BY MEANS OF FINANCING								
SPECIAL FUND			1,591,323	1,673,498	1,674	1,674	1,674	1,674
OPERATING COST	247.00*	247.00*	248.00*	249.00*	249.0*	249.0*	249.0*	249.0*
	3.00**	3.00**	3.00**	3.00**	3.0**	3.0**	3.0**	3.0**
PERSONAL SERVICES	12,441,875	21,387,630	24,143,558	24,576,793	24,607	24,607	24,607	24,607
OTHER CURRENT EXPENSES	63,407,137	85,775,411	82,543,772	86,255,042	86,259	86,272	86,272	86,272
EQUIPMENT	670,979	1,858,050	4,794,000	134,000	134	134	134	134
MOTOR VEHICLES	359,721	122,710	727,200					
TOTAL OPERATING COST	76,879,712	109,143,801	112,208,530	110,965,835	111,000	111,013	111,013	111,013
BY MEANS OF FINANCING								
	247.00*	247.00*	248.00*	249.00*	249.0*	249.0*	249.0*	249.0*
	3.00**	3.00**	3.00**	3.00**	3.0**	3.0**	3.0**	3.0**
SPECIAL FUND	76,879,712	109,143,801	112,208,530	110,965,835	111,000	111,013	111,013	111,013
CAPITAL IMPROVEMENT COSTS								
PLANS	5,037,000	4,335,000	4,283,000	4,083,000	2,000	2,000	2,000	2,000
LAND ACQUISITION	15,000,000							
DESIGN	8,953,000	19,667,000	17,574,000	5,061,000				
CONSTRUCTION	274,125,000	331,507,000	324,005,000	22,702,000				
TOTAL CAPITAL EXPENDITURES	303,115,000	355,509,000	345,862,000	31,846,000	2,000	2,000	2,000	2,000
BY MEANS OF FINANCING								
SPECIAL FUND	6,700,000	19,520,000	15,499,000	8,493,000				
G.O. BONDS	5,000,000							
REVENUE BONDS	289,415,000	285,975,000	330,360,000	23,350,000	2,000	2,000	2,000	2,000
OTHER FEDERAL FUNDS	2,000,000	50,000,000	3,000	3,000				
PRIVATE CONTRIBUTIONS		14,000						
TOTAL PERM POSITIONS	247.00*	247.00*	248.00*	249.00*	249.0*	249.0*	249.0*	249.0*
TOTAL TEMP POSITIONS	3.00**	3.00**	3.00**	3.00**	3.0**	3.0**	3.0**	3.0**
TOTAL PROGRAM COST	379,994,712	464,652,801	459,661,853	144,485,333	114,674	114,687	114,687	114,687

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN301
 PROGRAM STRUCTURE NO: 030201
 PROGRAM TITLE: HONOLULU HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			1,157,894	1,216,075	1,216	1,216	1,216	1,216
TOTAL CURRENT LEASE PAYMENTS COST			1,157,894	1,216,075	1,216	1,216	1,216	1,216
BY MEANS OF FINANCING								
SPECIAL FUND			1,157,894	1,216,075	1,216	1,216	1,216	1,216
OPERATING COST	116.00*	116.00*	113.00*	113.00*	113.0*	113.0*	113.0*	113.0*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
PERSONAL SERVICES	5,466,852	9,169,062	10,205,989	10,397,803	10,398	10,398	10,398	10,398
OTHER CURRENT EXPENSES	13,108,772	17,463,184	15,754,503	16,268,239	16,268	16,268	16,268	16,268
EQUIPMENT	596,361	10,000	400,000					
MOTOR VEHICLES	323,017		605,200					
TOTAL OPERATING COST	19,495,002	26,642,246	26,965,692	26,666,042	26,666	26,666	26,666	26,666
BY MEANS OF FINANCING								
	116.00*	116.00*	113.00*	113.00*	113.0*	113.0*	113.0*	113.0*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
SPECIAL FUND	19,495,002	26,642,246	26,965,692	26,666,042	26,666	26,666	26,666	26,666
CAPITAL IMPROVEMENT COSTS								
PLANS	501,000							
DESIGN	1,002,000	11,664,000	10,361,000					
CONSTRUCTION	231,977,000	219,804,000	247,201,000					
TOTAL CAPITAL EXPENDITURES	233,480,000	231,468,000	257,562,000					
BY MEANS OF FINANCING								
SPECIAL FUND		2,180,000	1,002,000					
REVENUE BONDS	233,480,000	179,280,000	256,560,000					
OTHER FEDERAL FUNDS		50,000,000						
PRIVATE CONTRIBUTIONS		8,000						
TOTAL PERM POSITIONS	116.00*	116.00*	113.00*	113.00*	113.0*	113.0*	113.0*	113.0*
TOTAL TEMP POSITIONS	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
TOTAL PROGRAM COST	252,975,002	258,110,246	285,685,586	27,882,117	27,882	27,882	27,882	27,882

PROGRAM ID: TRN301
 PROGRAM STRUCTURE: 030201
 PROGRAM TITLE: HONOLULU HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	2.22	2.18	2.15	2.11	2.07	2.03	2.00	1.97
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	50397	51657	52587	53534	54497	55478	56421	57380
3. NO. OF INCIDENTS/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
5. NO. OF CRUISE SHIP PASSENGERS PER CRUISE SHIP CALL	3585	3585	3585	3585	3585	3585	3585	3585
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	1624670	1665286	1695261	1725776	1756840	1788463	1818867	1849788
2. TONS OF CARGO - OVERSEAS - DOMESTIC	6232607	6388422	6503414	6620475	6739644	6860957	6977593	7096213
3. TONS OF CARGO - INTERISLAND	4038503	4139465	4213975	4289827	4367044	4445651	4521227	4598088
4. NO. OF PASSENGERS	493458	505794	518439	531400	544685	558302	558302	558302
5. NO. OF CRUISE SHIP CALLS	138	141	145	148	152	156	156	156
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	29872	29872	29872	29872	29872	29872	29872	29872
2. SHED AREA (ACRES)	27.71	27.71	27.71	27.71	27.71	27.71	27.71	27.71
3. YARD AREA (ACRES)	208.33	208.33	208.33	208.33	208.33	208.33	208.33	208.33

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN301: HONOLULU HARBOR

03 02 01

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and operating commercial harbor facilities and supporting services at Honolulu Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet projected increases in fringe benefit assessment rates for the prefunding of other post-employment benefits and to provide for special maintenance projects to prolong the economic life of our facilities and address health and safety needs: 1) \$964,611B and \$1,156,425B, respectively, for fringe benefits; and 2) \$7,485,000B and \$8,060,000B, respectively, for special maintenance projects.

Position transfer requests to support other harbor program needs: Transfer three positions to TRN 303: Harbor Agent II (SR-12), \$66,624B; Painter I (BC-09), \$83,501B; and Office Assistant (SR-08), \$97,248B, to increase on-site management from five to seven days to resolve scheduling and operational conflicts.

The biennium budget request reflects the following Capital Improvement Program (CIP) request:

Modernization Program - Pier 24-28 Improvements, Honolulu Harbor, Oahu (Capital Project No. J50).

The CIP budget requests \$6,360,000 in Harbors Revenue Bond funds and \$2,000 in Harbor Special funds in FY 2018 for the requested CIP project.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of people and cargo into and out of Honolulu Harbor. The main activities include assigning vessel berthing space; allocating and controlling cargo space on the docks; providing secure cargo storage areas; maintaining harbor facilities in operational condition; maintaining

compliance with safety, security, and environmental regulations and requirements; charging, billing and collecting required fees for the use of facilities and for services provided; maintaining an office for the conduct of business with the public; and controlling the movement of traffic into, within, and out of Honolulu Harbor from a control tower manned around the clock, seven days a week.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Provide for improved accessibility to shipping, docking, and storage facilities.
- 2) Encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.
- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.
- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.
- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.
- 6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.
- 7) Modernization Program-Kapalama Military Reservation Improvements, to develop a new container terminal facility and related improvements.

E. Identification of Important Program Relationships

Program Plan Narrative

TRN301: HONOLULU HARBOR

03 02 01

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining harbor navigational features, as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters including zoning and permits. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution, and other services to identify projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

F. Description of Major External Trends Affecting the Program

To achieve economies of scale, ship capacities, particularly for containerized cargo, have increased dramatically over time from a few hundred to over a thousand containers per ship on the most modern vessels. Increasing cargo yard capacity to handle larger peaks is an external trend affecting the program.

The evolution of overseas and inter-island container barge service has also affected the program. Due to the high wheel loads of modern cargo handling equipment, pier and yard design loads must be increased. This indicates a trend toward using larger and heavier capacity equipment as a common means of handling cargo.

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions,

etc.). Changes in the local, national and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Honolulu Harbor 2045 Master Plan and the Modernization Program will serve as guides to planning and programming future expansions and improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments, and other user fees imposed throughout the statewide commercial Harbors system.

I. Summary of Analysis Performed

The requirements of cargo facilities by 2020 were projected as a part of the Oahu Commercial Harbors 2020 Master Plan. Past cargo data were correlated to social-economic indicators, and mathematical relationships were derived. Projected 2020 cargo volumes were based on the Department of Business, Economic Development and Tourism's 2020 M-K projections. The 2020 cargo facilities need to meet the projected 2020 cargo volumes.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN303
 PROGRAM STRUCTURE NO: 030202
 PROGRAM TITLE: KALAELOA BARBERS POINT HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			79,485	83,863	84	84	84	84
TOTAL CURRENT LEASE PAYMENTS COST			79,485	83,863	84	84	84	84
BY MEANS OF FINANCING								
SPECIAL FUND			79,485	83,863	84	84	84	84
OPERATING COST	3.00*	3.00*	6.00*	6.00*	6.0*	6.0*	6.0*	6.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	123,132	226,870	513,186	516,217	516	516	516	516
OTHER CURRENT EXPENSES	680,658	1,609,931	1,297,001	1,276,068	1,276	1,276	1,276	1,276
EQUIPMENT	55,129	25,000	25,000	25,000	25	25	25	25
TOTAL OPERATING COST	858,919	1,861,801	1,835,187	1,817,285	1,817	1,817	1,817	1,817
BY MEANS OF FINANCING								
	3.00*	3.00*	6.00*	6.00*	6.0*	6.0*	6.0*	6.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	858,919	1,861,801	1,835,187	1,817,285	1,817	1,817	1,817	1,817
CAPITAL IMPROVEMENT COSTS								
PLANS	600,000	600,000						
DESIGN	1,850,000	4,402,000	1,000,000					
CONSTRUCTION		74,002,000	30,000,000					
TOTAL CAPITAL EXPENDITURES	2,450,000	79,004,000	31,000,000					
BY MEANS OF FINANCING								
SPECIAL FUND	250,000	250,000						
REVENUE BONDS	2,200,000	78,750,000	31,000,000					
PRIVATE CONTRIBUTIONS		4,000						
TOTAL PERM POSITIONS	3.00*	3.00*	6.00*	6.00*	6.0*	6.0*	6.0*	6.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	3,308,919	80,865,801	32,914,672	1,901,148	1,901	1,901	1,901	1,901

PROGRAM ID: TRN303
 PROGRAM STRUCTURE: 030202
 PROGRAM TITLE: KALAELOA BARBERS POINT HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	.50	.49	.48	.47	.46	.45	.45	.44
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	86366	88525	90118	91740	93392	95073	96689	98333
3. NO. OF INCIDENTS/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	1880269	1927276	1961967	1997282	2033233	2069832	2105019	2140804
2. TONS OF CARGO - OVERSEAS - DOMESTIC	735755	754183	767758	781578	795646	809968	823737	837741
3. TONS OF CARGO - INTERISLAND	1100250	1127756	1148056	1168721	1189758	1211173	1231763	1252703
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	2990	2990	2990	2990	2990	2990	2990	2990
2. SHED AREA (ACRES)	.83	.83	.83	.83	.83	.83	.83	.83
3. YARD AREA (ACRES)	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN303: KALAELOA BARBERS POINT HARBOR

03 02 02

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and operating commercial harbor facilities and supporting services at Kalaeloa Barbers Point Harbor (Kalaeloa Harbor).

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet projected increases in fringe benefit assessment rates for the prefunding of other post-employment benefits and to provide for special maintenance projects to prolong the useful life of our facilities and address health and safety needs: 1) \$33,891B and \$36,922B, respectively, for fringe benefits and 2) \$610,000B in each year for Special Repair and Maintenance funds.

Position transfer requests are needed to support harbor program needs:

1) Position transfer from TRN 301: Harbor Agent II (SR-12), \$66,624B; Painter I (BC-09), \$83,501B; and Office Assistant (SR-08), \$97,248B, to increase on-site management from five to seven days to resolve scheduling and operational conflicts.

Savings from Drain Cleaning Services Contract providing transfers to fund: 1) Position for TRN 351, Harbor Agent III (SR-14), \$27,408B in FY 2018 and \$54,816B in FY 2019. 2) Position for TRN 311, General Laborer II, \$30,788B, in FY 2019.

There is no Capital Improvement Program request for this program in the current biennium budget request.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of cargo into and out of Kalaeloa Harbor. The main activities include assigning vessel berthing space; allocating and controlling cargo space on the docks; providing secure cargo storage areas; maintaining harbor facilities in operational condition; maintaining compliance with safety, security, and environmental regulations and requirements;

charging, billing and collecting required fees charged for the use of facilities and for services provided; maintaining an office for the conduct of business with the public; and controlling the movement of traffic into, within, and out of Kalaeloa Harbor.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improve accessibility to shipping, docking, and storage facilities.
- 2) Encourage a variety of carriers to offer increased opportunities and advantages to the interisland movement of people and goods.
- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.
- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.
- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.
- 6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.
- 7) Fuel Pier Facility Improvements for construction of a new fuel pier facility and related improvements.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is developing and maintaining harbor navigational features, as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations.

Program Plan Narrative

TRN303: KALAELOA BARBERS POINT HARBOR

03 02 02

The counties are involved in matters including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services, and who assist with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

F. Description of Major External Trends Affecting the Program

Increases in vessel traffic have led to congested berthing conditions at Piers 5 through 7. Kalaeloa Barbers Point Harbor is the hub for inter-island distribution of fuel products. In 2009, Harbors completed the Statewide Fuel facilities Development Plan (Fuel Plan), which identified berthing improvements necessary to maintain the proper functioning of the harbor. To achieve economies of scale, ship capacities, particularly those that carry bulk products, have increased dramatically over time. Today, the largest bulk ships are unable to enter Kalaeloa Harbor fully loaded. Navigational improvements in the form of deepening of the harbor and the entrance channel are needed to address this issue.

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.)

Changes in the local, national and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Kalaeloa Harbor 2040 Master Plan, the Fuel Plan, and the

Modernization Program serve as guides in planning and programming future expansions and improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees imposed throughout the statewide commercial harbors system.

I. Summary of Analysis Performed

A U.S. Army Corps of Engineers' Wave Climate Model Study was conducted to evaluate the behavior of the harbor waters under the current harbor configuration and to predict the behavior of the harbor waters if the size and depth of the entrance channel and basin were modified. The study concluded that modifications are advantageous and should have no negative navigational impacts.

The requirements of cargo facilities by 2020 were projected as part of the Oahu Commercial Harbors Master Plan. Past cargo data were correlated to socio-economic indicators and mathematical relationships were derived. Projected 2020 cargo volumes were based on the Department of Business, Economic Development and Tourism's 2020 M-K projections. By 2020, cargo facilities need to accommodate projected 2020 volumes.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN311
PROGRAM STRUCTURE NO: 030204
PROGRAM TITLE: HILO HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			62,596	65,752	66	66	66	66
TOTAL CURRENT LEASE PAYMENTS COST			62,596	65,752	66	66	66	66
BY MEANS OF FINANCING								
SPECIAL FUND			62,596	65,752	66	66	66	66
OPERATING COST	14.00*	14.00*	14.00*	15.00*	15.0*	15.0*	15.0*	15.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	640,476	1,142,668	1,311,450	1,359,235	1,390	1,390	1,390	1,390
OTHER CURRENT EXPENSES	1,781,418	1,852,269	1,983,444	2,258,444	2,258	2,258	2,258	2,258
EQUIPMENT	5,749	517,000	170,000					
TOTAL OPERATING COST	2,427,643	3,511,937	3,464,894	3,617,679	3,648	3,648	3,648	3,648
BY MEANS OF FINANCING								
	14.00*	14.00*	14.00*	15.00*	15.0*	15.0*	15.0*	15.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	2,427,643	3,511,937	3,464,894	3,617,679	3,648	3,648	3,648	3,648
CAPITAL IMPROVEMENT COSTS								
DESIGN		450,000						
CONSTRUCTION		5,500,000	2,000,000					
TOTAL CAPITAL EXPENDITURES		5,950,000	2,000,000					
BY MEANS OF FINANCING								
SPECIAL FUND		5,950,000	2,000,000					
TOTAL PERM POSITIONS	14.00*	14.00*	14.00*	15.00*	15.0*	15.0*	15.0*	15.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	2,427,643	9,461,937	5,527,490	3,683,431	3,714	3,714	3,714	3,714

PROGRAM ID: TRN311
 PROGRAM STRUCTURE: 030204
 PROGRAM TITLE: HILO HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	2.23	2.20	2.16	2.12	2.08	2.05	2.01	1.98
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	55994	57394	58427	59479	60550	61640	62688	63753
3. NO. OF INCIDENTS/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
5. NO. OF CRUISE SHIP PASSENGERS PER CRUISE SHIP CALL	2617	2617	2617	2617	2617	2617	2617	2617
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	21759	22303	22704	23113	23529	23953	24360	24774
2. TONS OF CARGO - OVERSEAS - DOMESTIC	39258	40239	40963	41701	42451	43215	43950	44697
3. TONS OF CARGO - INTERISLAND	1260453	1291964	1315219	1338893	1362993	1387527	1411115	1435104
4. NO. OF PASSENGERS	332671	340988	349512	358250	367206	376387	376387	376387
5. NO. OF CRUISE SHIP CALLS	127	130	134	137	140	144	144	144
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	2749	2749	2749	2749	2749	2749	2749	2749
2. SHED AREA (ACRES)	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
3. YARD AREA (ACRES)	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN311: HILO HARBOR

03 02 04

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and maintaining commercial harbor facilities and supporting services at Hilo Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet projected increases in fringe benefit assessment rates for the prefunding of other post-employment benefits and to provide for special maintenance projects to prolong the economic life of our facilities and address health and safety needs: 1) \$140,436B and \$157,433B, respectively, for fringe benefits and 2) \$1,200,000B and \$1,475,000B, respectively, for Special Repair and Maintenance funds.

Position addition to support harbor program needs: Position addition of a General Laborer II, \$30,788B in FY 2019, to comply with Federal Laws for Cargo and Passenger facilities, funded via savings transfer from TRN 303, Drain Cleaning Services contract.

There is no Capital Improvement Program request for this program in the current biennium budget request.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of people and cargo into and out of Hilo Harbor. The main activities include assigning vessel berthing space; allocating and controlling cargo space on the docks; providing secure cargo storage areas; maintaining harbor facilities in operational condition; maintaining compliance with safety, security, and environmental regulations and requirements; charging, billing and collecting required fees charged for the use of facilities and for services provided; maintaining an office for the conduct of business with the public; and controlling the movement of traffic into, within, and out of Hilo Harbor.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improve accessibility to shipping, docking, and storage facilities.
- 2) Encourage a variety of carriers to offer increased opportunities and advantages to the interisland movement of people and goods.
- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.
- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.
- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.
- 6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.
- 7) Hilo Harbor Modification to provide for additional cargo handling operational areas.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining harbor navigational features, as well as, navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters, including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services and to assist

Program Plan Narrative

TRN311: HILO HARBOR

03 02 04

with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

F. Description of Major External Trends Affecting the Program

To achieve economies of scale, barge capacities have increased over time as larger barges are put into service. Increasing cargo yard capacities to handle larger peaks is an external trend affecting the program.

The evolution of overseas and inter-island container barge service has also affected the program. Due to the high wheel loads of modern handling equipment, pier and yard design loads must be increased.

This indicates a trend toward using larger and heavier capacity equipment as a common means of handling cargo.

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.).

Changes in the local, national and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Hawaii Commercial Harbors 2035 Master Plan Update (HCHMP) planning process began in 2009 with the participation of stakeholders and

other interested parties. This Plan, completed in 2011, along with the Modernization Program, will serve as guides in planning and programming future expansions and improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees imposed throughout the statewide commercial harbors system.

I. Summary of Analysis Performed

The requirements of cargo facilities by 2035 were projected as a part of the HCHMP. Past cargo data were correlated to socio-economic indicators and mathematical relationships were derived. Projected 2035 cargo volumes were based on the Department of Business, Economic Development and Tourism's 2040 M-K projections. By 2035, cargo facilities need to accommodate projected 2035 cargo volumes.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN313
PROGRAM STRUCTURE NO: 030205
PROGRAM TITLE: KAWAIHAE HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			8,665	9,111	9	9	9	9
TOTAL CURRENT LEASE PAYMENTS COST			8,665	9,111	9	9	9	9
BY MEANS OF FINANCING								
SPECIAL FUND			8,665	9,111	9	9	9	9
OPERATING COST	2.00*	2.00*	2.00*	2.00*	2.0*	2.0*	2.0*	2.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	39,131	131,908	174,881	185,028	185	185	185	185
OTHER CURRENT EXPENSES	804,258	1,153,050	1,192,885	1,192,439	1,192	1,192	1,192	1,192
EQUIPMENT	2,087	428,000						
MOTOR VEHICLES		70,000						
TOTAL OPERATING COST	845,476	1,782,958	1,367,766	1,377,467	1,377	1,377	1,377	1,377
BY MEANS OF FINANCING								
	2.00*	2.00*	2.00*	2.00*	2.0*	2.0*	2.0*	2.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	845,476	1,782,958	1,367,766	1,377,467	1,377	1,377	1,377	1,377
CAPITAL IMPROVEMENT COSTS								
DESIGN		240,000						
CONSTRUCTION		2,000,000	2,000,000					
TOTAL CAPITAL EXPENDITURES		2,240,000	2,000,000					
BY MEANS OF FINANCING								
SPECIAL FUND		2,240,000	2,000,000					
TOTAL PERM POSITIONS	2.00*	2.00*	2.00*	2.00*	2.0*	2.0*	2.0*	2.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	845,476	4,022,958	3,376,431	1,386,578	1,386	1,386	1,386	1,386

PROGRAM ID: TRN313
 PROGRAM STRUCTURE: 030205
 PROGRAM TITLE: KAWAIHAE HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	1.44	1.40	1.38	1.35	1.33	1.31	1.28	1.26
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	55334	25845	26310	26783	27266	27756	28228	28708
3. NO. OF INCIDENTS/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
5. NO. OF CRUISE SHIP PASSENGERS PER CRUISE SHIP CALL	48	48	48	48	48	48	48	48
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	68692	70409	71676	72967	74280	75617	76902	78210
2. TONS OF CARGO - OVERSEAS - DOMESTIC	495	507	516	525	535	545	554	563
3. TONS OF CARGO - INTERISLAND	823904	844502	859703	875178	890931	906968	922386	938067
4. NO. OF PASSENGERS	601	616	631	647	663	680	680	680
5. NO. OF CRUISE SHIP CALLS	13	13	13	14	14	14	14	14
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	1627	1562	1562	1562	1562	1562	1562	1562
2. SHED AREAS (ACRES)	.22	.22	.22	.22	.22	.22	.22	.22
3. YARD AREAS (ACRES)	15.92	35.2	35.2	35.2	35.2	35.2	35.2	35.2

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN313: KAWAIHAE HARBOR

03 02 05

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and maintaining commercial harbor facilities and supporting services at Kawaihae Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet projected increases in fringe benefit assessment rates for the prefunding of other post-employment benefits and to provide for special maintenance projects to prolong the economic life of our facilities and address health and safety needs: 1) \$26,062B and \$36,209B, respectively, for fringe benefits; and 2) \$615,000B in each year for Special Repair and Maintenance funds.

There is no Capital Improvement Program request for this program in the biennium budget request.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of people and cargo into and out of Kawaihae Harbor. The main activities include assigning vessel berthing space; allocating and controlling cargo space on the docks; providing secure cargo storage areas; maintaining harbor facilities in operational condition; maintaining compliance with safety, security, and environmental regulations and requirements; charging, billing and collecting required fees charged for the use of facilities and for services provided; maintaining an office for the conduct of business with the public; and controlling the movement of traffic into, within, and out of Kawaihae Harbor.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improve accessibility to shipping, docking, and storage facilities.

- 2) Encourage a variety of carriers to offer increased opportunities and advantages to the interisland movement of people and goods.

- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.

- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.

- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.

- 6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining of harbor navigational features, as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services and who assist with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

Program Plan Narrative

TRN313: KAWAIHAE HARBOR

03 02 05

F. Description of Major External Trends Affecting the Program

The successful marketing of new export products, such as raw lumber and bottled water, are affecting current operations and will increase the demand of cargo handling facilities at this harbor.

It is a constant challenge to address ever-evolving State and federal requirements regarding port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.).

Changes in the local, national and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Hawaii Commercial Harbors 2035 Master Plan Update (HCHMP) planning process began in 2009 with the participation of stakeholders and other interested parties. This Plan, completed in 2011, along with the Modernization Program, will serve as guides in planning and programming future expansions and improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees imposed throughout the statewide commercial harbors system.

I. Summary of Analysis Performed

The requirements of cargo facilities by 2035 were projected as part of the HCHMP. Past cargo data were correlated to socio-economic indicators and mathematical relationships were derived. Projected 2035 cargo volumes were based on the Department of Business, Economic Development and Tourism's 2040 M-K projections. The 2035 cargo facilities need to meet the projected 2035 cargo volumes.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN331
PROGRAM STRUCTURE NO: 030206
PROGRAM TITLE: KAHULUI HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			114,035	119,786	120	120	120	120
TOTAL CURRENT LEASE PAYMENTS COST			114,035	119,786	120	120	120	120
BY MEANS OF FINANCING								
SPECIAL FUND			114,035	119,786	120	120	120	120
OPERATING COST	18.00*	18.00*	18.00*	18.00*	18.0*	18.0*	18.0*	18.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	818,280	1,367,958	1,525,594	1,542,454	1,542	1,542	1,542	1,542
OTHER CURRENT EXPENSES	2,821,676	2,728,877	2,571,842	2,916,091	2,917	2,917	2,917	2,917
EQUIPMENT		370,525	225,000					
MOTOR VEHICLES		27,710						
TOTAL OPERATING COST	3,639,956	4,495,070	4,322,436	4,458,545	4,459	4,459	4,459	4,459
BY MEANS OF FINANCING								
	18.00*	18.00*	18.00*	18.00*	18.0*	18.0*	18.0*	18.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	3,639,956	4,495,070	4,322,436	4,458,545	4,459	4,459	4,459	4,459
CAPITAL IMPROVEMENT COSTS								
PLANS	550,000	500,000						
LAND ACQUISITION	15,000,000							
DESIGN	3,800,000	1,000,000	350,000					
CONSTRUCTION	5,000,000	10,000,000	1,800,000					
TOTAL CAPITAL EXPENDITURES	24,350,000	11,500,000	2,150,000					
BY MEANS OF FINANCING								
REVENUE BONDS	24,350,000	11,500,000	2,150,000					
TOTAL PERM POSITIONS	18.00*	18.00*	18.00*	18.00*	18.0*	18.0*	18.0*	18.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	27,989,956	15,995,070	6,586,471	4,578,331	4,579	4,579	4,579	4,579

PROGRAM ID: TRN331
 PROGRAM STRUCTURE: 030206
 PROGRAM TITLE: KAHULUI HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	1.46	1.44	1.42	1.39	1.37	1.34	1.32	1.30
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	78205	80160	81603	83072	84567	86090	87553	89042
3. NO. OF INCIDENTES/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
5. NO. OF CRUISE SHIP PASSENGERS PER CRUISE SHIP CALL	2323	2323	2323	2323	2323	2323	2323	2323
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	36622	37537	38213	38900	39601	40314	40999	41696
2. TONS OF CARGO - OVERSEAS - DOMESTIC	268822	275543	280503	285552	290692	295924	300955	306071
3. TONS OF CARGO - INTERISLAND	2287844	2345040	2387251	2430221	2473965	2518497	2561311	2604853
4. NO. OF PASSENGERS	143991	147591	151281	155063	158939	162913	162913	162913
5. NO. OF CRUISE SHIP CALLS	62	64	65	67	68	70	70	70
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	3319	3319	3319	3319	3319	3319	3319	3319
2. SHED AREAS (ACRES)	1	1	1	1	1	1	1	1
3. YARD AREAS (ACRES)	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN331: KAHULUI HARBOR

03 02 06

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and maintaining commercial harbor facilities and supporting services at Kahului Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet projected increases in fringe benefit assessment rates for the prefunding of other post-employment benefits and to provide for special maintenance projects to prolong the useful life of our facilities and address health and safety needs: 1) \$129,536B and \$146,396B, respectively, for fringe benefits; and 2) \$1,230,000B and \$1,580,000B, respectively, for Special Repair and Maintenance funds.

There is no Capital Improvement Program request for this program in the current biennium budget request.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of people and cargo into and out of Kahului Harbor. The main activities include assigning vessel berthing space; allocating and controlling cargo space on the docks; providing secure cargo storage areas; maintaining harbor facilities in operational condition; maintaining compliance with safety, security, and environmental regulations and requirements; charging, billing and collecting required fees charged for the use of facilities and for services provided; maintaining an office for the conduct of business with the public; and controlling the movement of traffic into, within, and out of Kahului Harbor.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improve accessibility to shipping, docking, and storage facilities.

- 2) Encourage a variety of carriers to offer increased opportunities and advantages to the inter island movement of people and goods.

- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.

- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.

- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.

- 6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.

- 7) Kahului Harbor Land Acquisition for sitework improvements.

- 8) Kahului Harbor Improvements to provide a safer and more efficient operational area.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining harbor navigational features as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services, and who assist with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

Program Plan Narrative

TRN331: KAHULUI HARBOR

03 02 06

F. Description of Major External Trends Affecting the Program

To achieve economies of scale, barge capacities have increased over time as larger barges are put into service. Increasing cargo yard capacities to handle larger peaks is an external trend affecting the program.

The evolution of overseas and inter-island container barge service has also affected the program. Due to the high wheel loads of modern handling equipment, pier and yard design loads must be increased. This indicates a trend toward using larger and heavier capacity equipment as a common means of handling cargo.

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.).

Changes in the local, national and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Kahului Harbor 2030 Master Plan was completed in 2007 with the participation of stakeholders and other interested parties. This plan, the Kahului Harbor Development Plan that was completed in 2012, along with the Modernization Program, will serve as guides in planning and programming future expansions and improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and user fees imposed throughout the statewide commercial harbors system.

I. Summary of Analysis Performed

The requirements of cargo facilities by 2030 were projected as part of the 2030 Master Plan. Past cargo data were correlated to socioeconomic indicators and mathematical relationships were derived. Projected 2030 cargo volumes were based on the Department of Business, Economic Development and Tourism's 2035 M-K projections. The 2030 cargo facilities need to meet the projected 2030 volumes.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN341
 PROGRAM STRUCTURE NO: 030207
 PROGRAM TITLE: KAUNAKAKAI HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			32,006	35,383	35	35	35	35
TOTAL CURRENT LEASE PAYMENTS COST			32,006	35,383	35	35	35	35
BY MEANS OF FINANCING								
SPECIAL FUND			32,006	35,383	35	35	35	35
OPERATING COST	1.00*	1.00*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	54,012	89,867	101,247	102,253	102	102	102	102
OTHER CURRENT EXPENSES	454,513	508,588	713,588	713,588	714	714	714	714
TOTAL OPERATING COST	508,525	598,455	814,835	815,841	816	816	816	816
BY MEANS OF FINANCING								
	1.00*	1.00*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	508,525	598,455	814,835	815,841	816	816	816	816
TOTAL PERM POSITIONS	1.00*	1.00*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	508,525	598,455	846,841	851,224	851	851	851	851

PROGRAM ID: TRN341
 PROGRAM STRUCTURE: 030207
 PROGRAM TITLE: KAUNAKAKAI HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	6.44	6.28	6.17	6.06	5.95	5.85	5.75	5.65
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	30572	31336	31900	32474	33059	33654	34226	34808
3. NO. OF INCIDENTES/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
5. NO. OF CRUISE SHIP PASSENGERS PER CRUISE SHIP CALL	48	48	48	48	48	48	48	48
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	0	0	0	0	0	0	0	0
2. TONS OF CARGO - OVERSEAS - DOMESTIC	0	0	0	0	0	0	0	0
3. TONS OF CARGO - INTERISLAND	92938	95262	96977	98722	100499	102308	104048	105816
4. NO. OF PASSENGERS	600	615	630	646	662	679	679	679
5. NO. OF CRUISE SHIP CALLS	13	13	13	14	14	14	14	14
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	691	691	691	691	691	691	691	691
2. SHED AREAS (ACRES)	.17	.17	.17	.17	.17	.17	.17	.17
3. YARD AREAS (ACRES)	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN341: KAUNAKAKAI HARBOR

03 02 07

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and maintaining commercial harbor facilities and supporting services at Kaunakakai Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet the projected increases in fringe benefit assessment rates for the prefunding of other post-employment benefits and to provide for special maintenance projects to prolong the useful life of our facilities and address health and safety needs: 1) \$9,704B and \$10,710B, respectively, for fringe benefits; and 2) \$650,000B in each year for Special Repair and Maintenance funds.

There is no Capital Improvement Program request for this program in the biennium budget request.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of people and cargo into and out of Kaunakakai Harbor. The main activities include assigning vessel berthing space; allocating and controlling cargo space on the docks; providing secure cargo storage areas; maintaining harbor facilities in operational condition; maintaining compliance with safety, security, and environmental regulations and requirements; charging, billing and collecting required fees for the use of facilities and for services provided; maintaining an office for the conduct of business with the public; and controlling the movement of traffic into, within, and out of Kaunakakai Harbor.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improve accessibility to shipping, docking, and storage facilities.

- 2) Encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.

- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.

- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.

- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.

- 6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining harbor navigational features, as well as navigational safety and pollution control. Other State agencies are involved in coastal zone management, land and water use, economic development, pollution, control, and safety regulations. The counties are involved in matters including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services, and who assist with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

Program Plan Narrative

TRN341: KAUNAKAKAI HARBOR

03 02 07

F. Description of Major External Trends Affecting the Program

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.).

Changes in the local, national and global economy have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

A master plan has been completed through the participation of stakeholders and other interested parties. This plan will serve as a guide in planning and programming future expansions and improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees imposed throughout the statewide Harbors system.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN361
PROGRAM STRUCTURE NO: 030208
PROGRAM TITLE: NAWILIWILI HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			125,555	131,870	132	132	132	132
TOTAL CURRENT LEASE PAYMENTS COST			125,555	131,870	132	132	132	132
BY MEANS OF FINANCING								
SPECIAL FUND			125,555	131,870	132	132	132	132
OPERATING COST	15.00*	15.00*	15.00*	15.00*	15.0*	15.0*	15.0*	15.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	727,356	1,199,368	1,409,039	1,451,302	1,451	1,451	1,451	1,451
OTHER CURRENT EXPENSES	1,742,618	1,823,648	3,371,677	2,171,677	2,172	2,172	2,172	2,172
EQUIPMENT	2,386	398,525	65,000					
MOTOR VEHICLES		25,000	50,000					
TOTAL OPERATING COST	2,472,360	3,446,541	4,895,716	3,622,979	3,623	3,623	3,623	3,623
BY MEANS OF FINANCING								
	15.00*	15.00*	15.00*	15.00*	15.0*	15.0*	15.0*	15.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	2,472,360	3,446,541	4,895,716	3,622,979	3,623	3,623	3,623	3,623
CAPITAL IMPROVEMENT COSTS								
DESIGN		210,000	501,000					
CONSTRUCTION		3,000,000	7,501,000					
TOTAL CAPITAL EXPENDITURES		3,210,000	8,002,000					
BY MEANS OF FINANCING								
SPECIAL FUND			2,000					
REVENUE BONDS		3,210,000	8,000,000					
TOTAL PERM POSITIONS	15.00*	15.00*	15.00*	15.00*	15.0*	15.0*	15.0*	15.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	2,472,360	6,656,541	13,023,271	3,754,849	3,755	3,755	3,755	3,755

PROGRAM ID: TRN361
 PROGRAM STRUCTURE: 030208
 PROGRAM TITLE: NAWILIWILI HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	3.88	3.82	3.76	3.69	3.63	3.56	3.50	3.44
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	23184	23764	24191	24627	25070	25521	25955	26396
3. NO. OF INCIDENTS/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
5. NO. OF CRUISE SHIP PASSENGERS PER CRUISE SHIP CALL	2240	2240	2240	2240	2240	2240	2240	2240
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	10467	10729	10922	11119	11319	11523	11718	11918
2. TONS OF CARGO - OVERSEAS - DOMESTIC	0	0	0	0	0	0	0	0
3. TONS OF CARGO - INTERISLAND	760630	779646	793680	807966	822509	837314	851549	866025
4. NUMBER OF PASSENGERS	247150	253329	259662	266154	272807	279628	279628	279628
5. NO. OF CRUISE SHIP CALLS	110	113	116	119	122	125	125	125
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	2216	2216	2216	2216	2216	2216	2216	2216
2. SHED AREAS (ACRES)	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76
3. YARD AREAS (ACRES)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN361: NAWILIWILI HARBOR

03 02 08

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and maintaining commercial harbor facilities and supporting services at Nawiliwili Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet projected increases in fringe benefit assessment rates for the prefunding of other post-employment benefits and to provide for special maintenance projects to prolong the economic useful life of our facilities and address health and safety needs: 1) \$139,232B and \$181,495B, respectively, for fringe benefits; and 2) \$2,480,000B and \$1,280,000B, respectively, for Special Repair and Maintenance funds.

The biennium budget request reflects the following Capital Improvement Program (CIP) request:

Improvements at Pier 2 and 3 areas, Nawiliwili Harbor, Kauai (Capital Project No. K12)

The CIP budget requests \$7,500,000 in Harbor Revenue Bond funds and \$2,000 in Harbor Special funds in FY 2018 for the requested CIP project.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of people and cargo into and out of Nawiliwili Harbor. The main activities include assigning vessel berthing space; allocating and controlling cargo space on the docks; providing secure cargo storage areas; maintaining harbor facilities in operational condition; maintaining compliance with safety, security, and environmental regulations and requirements; charging, billing and collecting required fees charged for the use of facilities and for services provided; maintaining an office for the conduct of business with the public; and controlling the movement of traffic into, within, and out of Nawiliwili Harbor.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improve accessibility to shipping, docking, and storage facilities.
- 2) Encourage a variety of carriers to offer increased opportunities and advantages to the inter-island movement of people and goods.
- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.
- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.
- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.
- 6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities. The federal government is involved in developing and maintaining of harbor navigational features, as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services, and who assists with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy,

Program Plan Narrative

TRN361: NAWILIWILI HARBOR

03 02 08

compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

F. Description of Major External Trends Affecting the Program

To achieve economies of scale, barge capacities have increased over time as larger barges are put into service. Increasing cargo yard capacities to handle larger peaks is an external trend affecting the program.

The evolution of overseas and inter-island container barge service has also affected the program. Due to the high wheel loads of modern handling equipment, pier and yard design loads must be increased. This indicates a trend toward using larger and heavier capacity equipment as a common means of handling cargo.

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.).

Changes in the local, national and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Kauai Commercial Harbors 2025 Master Plan (KCHMP) was completed with the participation of stakeholders and other interested parties. This plan and the Modernization Program serve as guides in planning and programming future expansions and improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees

imposed throughout the statewide commercial harbors system.

I. Summary of Analysis Performed

The requirements of cargo facilities by 2025 were projected as part of the KCHMP. Past cargo data were correlated to socio-economic indicators and mathematical relationships were derived. Projected cargo volumes were based on Department of Business, Economic Development and Tourism's 2030 M-K projections. By 2025, cargo facilities need to accommodate projected 2025 cargo volumes.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN363
 PROGRAM STRUCTURE NO: 030209
 PROGRAM TITLE: PORT ALLEN HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			6,532	6,868	7	7	7	7
TOTAL CURRENT LEASE PAYMENTS COST			6,532	6,868	7	7	7	7
BY MEANS OF FINANCING								
SPECIAL FUND			6,532	6,868	7	7	7	7
OPERATING COST	1.00*	1.00*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	35,112	78,817	101,997	106,042	106	106	106	106
OTHER CURRENT EXPENSES	260,624	336,843	365,311	364,975	365	365	365	365
TOTAL OPERATING COST	295,736	415,660	467,308	471,017	471	471	471	471
BY MEANS OF FINANCING								
	1.00*	1.00*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	295,736	415,660	467,308	471,017	471	471	471	471
TOTAL PERM POSITIONS	1.00*	1.00*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	295,736	415,660	473,840	477,885	478	478	478	478

PROGRAM ID: TRN363
 PROGRAM STRUCTURE: 030209
 PROGRAM TITLE: PORT ALLEN HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	2.30	2.24	2.20	2.16	2.12	2.09	2.06	2.02
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	118176	121130	123311	125531	127790	130090	132302	134551
3. NO. OF INCIDENTS/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	0	0	0	0	0	0	0	0
2. TONS OF CARGO - OVERSEAS - DOMESTIC	0	0	0	0	0	0	0	0
3. TONS OF CARGO - INTERISLAND	180809	185330	188666	192062	195519	199038	202422	205863
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	1200	1200	1200	1200	1200	1200	1200	1200
2. SHED AREAS (ACRES)	0.8	0.8	.8	.8	.8	.8	.8	.8
3. YARD AREAS (ACRES)	0.73	0.73	.73	.73	.73	.73	.73	.73

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN363: PORT ALLEN HARBOR

03 02 09

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and maintaining commercial harbor facilities and supporting services at Port Allen Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet projected increases in fringe benefits assessment rates for the prefunding of other post-employment benefits and to provide for special maintenance projects to prolong the economic useful life of our facilities and address health and safety needs: 1) \$16,439B and \$20,484B respectively, for fringe benefits; and 2) \$300,000B in each year for Special Repair and Maintenance projects.

There is no Capital Improvement Program request for this program in the biennium budget request.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of people and cargo into and out of Port Allen Harbor. The main activities include assigning vessel berthing space; allocating and controlling cargo space on the docks; providing secure cargo storage areas; maintaining harbor facilities in operational condition; maintaining compliance with safety, security, and environmental regulations and requirements; charging, billing and collecting required fees for the use of facilities and for services provided; maintaining an office for the conduct of business with the public; and controlling the movement of traffic into, within, and out of Port Allen Harbor.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improved accessibility to shipping, docking, and storage facilities.

- 2) Encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.

- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.

- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.

- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.

- 6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining harbor navigational features, as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services, and to assist with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

F. Description of Major External Trends Affecting the Program

The port plays an important role in island tourism by providing moorings for large excursion vessels. The ban of commercial tour boat operations

Program Plan Narrative

TRN363: PORT ALLEN HARBOR

03 02 09

on Kauai's north shore has increased the demand for excursion boat berths and loading docks at Port Allen Harbor and other small boat harbors. In addition, half of the piers are leased by the Pacific Missile Range Facility, a naval facility that provides testing and training for the U.S. military.

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.).

Changes in the local, national and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Kauai Commercial Harbors 2025 Master Plan (KCHMP) was developed with the participation of stakeholders and other interested parties. This plan and the Modernization Program will serve as guides in planning and programming future expansions and improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees imposed throughout the statewide Harbors system.

I. Summary of Analysis Performed

The requirements of cargo facilities by 2025 were projected as part of the KCHMP. Past cargo data was correlated to social-economic indicators and mathematical relationships derived. Projected 2025 cargo volumes were projected based on Department of Business, Economic Development and Tourism's 2030 M-K projections. The 2025 cargo

facilities need to meet the projected 2025 cargo volumes.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN351
PROGRAM STRUCTURE NO: 030210
PROGRAM TITLE: KAUMALAPAU HARBOR

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			4,555	4,790	5	5	5	5
TOTAL CURRENT LEASE PAYMENTS COST			4,555	4,790	5	5	5	5
BY MEANS OF FINANCING								
SPECIAL FUND			4,555	4,790	5	5	5	5
OPERATING COST	0.00*	0.00*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
PERSONAL SERVICES	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
OTHER CURRENT EXPENSES	183,430	465,000	27,408	54,816	55	55	55	55
TOTAL OPERATING COST	183,430	465,000	415,000	415,000	415	415	415	415
BY MEANS OF FINANCING								
SPECIAL FUND			442,408	469,816	470	470	470	470
TOTAL PERM POSITIONS	*	*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	183,430	465,000	446,963	474,606	475	475	475	475

PROGRAM ID: TRN351
 PROGRAM STRUCTURE: 030210
 PROGRAM TITLE: KAUMALAPAU HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. PROGRAM COST PER TON OF CARGO	3.91	3.82	3.75	3.68	3.62	3.55	3.50	3.44
2. TONS OF CARGO PROCESSED PER ACRE OF CONTAINER YARD	51667	52959	53912	54882	55870	56876	57843	58826
3. NO. OF INCIDENTS/ACCIDENTS REPORTED	0	0	0	0	0	0	0	0
4. NO. OF FINES IMPOSED FOR SECURITY VIOLATIONS	0	0	0	0	0	0	0	0
PROGRAM TARGET GROUPS								
1. TONS OF CARGO - OVERSEAS - INTERNATIONAL	0	0	0	0	0	0	0	0
2. TONS OF CARGO - OVERSEAS - DOMESTIC	0	0	0	0	0	0	0	0
3. TONS OF CARGO - INTERISLAND	118834	121805	123997	126229	128502	130815	133038	135300
PROGRAM ACTIVITIES								
1. PIER LENGTH (LINEAR FEET)	400	400	400	400	400	400	400	400
2. SHED AREAS (ACRES)	0	0	0	0	0	0	0	0
3. YARD AREAS (ACRES)	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN351: KAUMALAPAU HARBOR

03 02 10

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and maintaining commercial harbor facilities and supporting services at Kaumalapau Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget includes funding requests of \$400,000B in each year for Special Repair and Maintenance funds to prolong the economic useful life of our facilities.

A new position is requested as it is needed to support harbor program needs: This new position, Harbor Agent III (SR-14), \$27,408B in FY 2018 and \$54,816B in FY 2019, to comply with U.S. Coast Guard regulations 33 CFR 105-205, will be funded via savings from TRN 303, Drain Cleaning Services contract.

There is no Capital Improvement Program request for this program in the biennium budget request.

C. Description of Activities Performed

This program develops and maintains harbor facilities for the safe and efficient flow of cargo into and out of Kaumalapau Harbor. The main activities include maintaining harbor facilities in good repair and operational condition; and maintaining compliance with safety, security, and environmental regulations and requirements.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improve accessibility to shipping, docking, and storage facilities.
- 2) Encourage a variety of carriers to offer increased opportunities and advantages to the inter-island movement of people and goods.

3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.

4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.

5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.

6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining harbor navigational features, as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services, and who assist with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2008, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

F. Description of Major External Trends Affecting the Program

Kaumalapau is the only commercial harbor servicing Lanai. The recent purchase of the island and the infusion of funds to develop the island have increased the demands on the harbor. Expansion of harbor capacity will be needed to meet the new demand.

Program Plan Narrative

TRN351: KAUMALAPAU HARBOR

03 02 10

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.).

Changes in the local, national and global economy have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Kaumalapau Harbor Development Plan is in progress to address growth issues at the harbor.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees imposed throughout the statewide commercial harbors system.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN395
 PROGRAM STRUCTURE NO: 030211
 PROGRAM TITLE: HARBORS ADMINISTRATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OPERATING COST	77.00*	77.00*	77.00*	77.00*	77.0*	77.0*	77.0*	77.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
PERSONAL SERVICES	4,537,524	7,981,112	8,772,767	8,861,643	8,862	8,862	8,862	8,862
OTHER CURRENT EXPENSES	41,569,170	57,791,502	54,836,002	58,636,002	58,639	58,652	58,652	58,652
EQUIPMENT	9,267	109,000	3,909,000	109,000	109	109	109	109
MOTOR VEHICLES	36,704		72,000					
TOTAL OPERATING COST	46,152,665	65,881,614	67,589,769	67,606,645	67,610	67,623	67,623	67,623
BY MEANS OF FINANCING	77.00*	77.00*	77.00*	77.00*	77.0*	77.0*	77.0*	77.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
SPECIAL FUND	46,152,665	65,881,614	67,589,769	67,606,645	67,610	67,623	67,623	67,623
CAPITAL IMPROVEMENT COSTS								
PLANS	3,086,000	3,235,000	4,283,000	4,083,000	2,000	2,000	2,000	2,000
DESIGN	1,801,000	1,701,000	5,161,000	5,061,000				
CONSTRUCTION	20,198,000	17,201,000	30,002,000	22,702,000				
TOTAL CAPITAL EXPENDITURES	25,085,000	22,137,000	39,446,000	31,846,000	2,000	2,000	2,000	2,000
BY MEANS OF FINANCING								
SPECIAL FUND	6,450,000	8,900,000	10,493,000	8,493,000				
G.O. BONDS	5,000,000							
REVENUE BONDS	11,635,000	13,235,000	28,950,000	23,350,000	2,000	2,000	2,000	2,000
OTHER FEDERAL FUNDS	2,000,000		3,000	3,000				
PRIVATE CONTRIBUTIONS		2,000						
TOTAL PERM POSITIONS	77.00*	77.00*	77.00*	77.00*	77.0*	77.0*	77.0*	77.0*
TOTAL TEMP POSITIONS	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
TOTAL PROGRAM COST	71,237,665	88,018,614	107,035,769	99,452,645	69,610	69,623	69,623	69,623

PROGRAM ID: TRN395
 PROGRAM STRUCTURE: 030211
 PROGRAM TITLE: HARBORS ADMINISTRATION

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. COST OF ADMIN RELATIVE TO TOTAL PROGRAM COSTS (%)	29.92	29.60	29.60	29.60	29.60	29.60	29.60	29.60
2. DOLLAR AMT OF SALARY OVERPAYMENTS FOR THE DIVISION	10000	10000	10000	10000	10000	10000	10000	10000
3. NO. OF VENDOR PAYMENTS FOR DIV EXCEEDING 30 DAYS	175	175	175	175	175	175	175	175
4. % OF CIP PROJECTS COMPLETED WITHIN SCHEDULED TIME	100	100	100	100	100	100	100	100
5. % OF SPEC MAINT PROJ INITIATED COMPARED TO PLAN	100	100	100	100	100	100	100	100
PROGRAM TARGET GROUPS								
1. FILLED PERMANENT POSITIONS IN THE DIVISION	247	247	247	247	247	247	247	247
PROGRAM ACTIVITIES								
1. ADMININSTRATIVE PERSONNEL (NO. OF PERM. POSITIONS)	77	77	77	77	77	77	77	77
2. DIVISIONAL PERSONNEL (NO. OF PERM. POSITIONS)	247	247	247	247	247	247	247	247
3. NO. OF CIP PROJECTS COMPLETED	5	3	3	3	3	3	3	3
4. NO. OF SPECIAL MAINTENANCE PROJECTS INITIATED	60	55	55	55	55	55	55	55
PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)								
REVENUES FROM THE USE OF MONEY AND PROPERTY	1,900	1,206	1,218	1,230	1,242	1,255	1,267	1,267
CHARGES FOR CURRENT SERVICES	116,821	121,619	127,384	133,474	139,909	146,707	153,893	153,893
TOTAL PROGRAM REVENUES	118,721	122,825	128,602	134,704	141,151	147,962	155,160	155,160
PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)								
SPECIAL FUNDS	118,721	122,825	128,602	134,704	141,151	147,962	155,160	155,160
TOTAL PROGRAM REVENUES	118,721	122,825	128,602	134,704	141,151	147,962	155,160	155,160

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN395: HARBORS ADMINISTRATION

03 02 11

A. Statement of Program Objectives

To enhance the effectiveness and efficiency of the program by providing program leadership, staff support services and general water transportation related services, statewide.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds to meet projected increases in fringe benefit assessment rates for the prefunding of other post-employment benefits of \$643,527B and \$732,403B, respectively.

The biennium budget request reflects the following Capital Improvement Program (CIP) requests:

- Security Improvements at Commercial Harbors, Statewide (Capital Project No. 115)
- Harbor Planning, Statewide (Capital Project No. 101)
- Architectural and Engineering Support, Statewide (Capital Project No. 106)
- Construction Management Support, Statewide (Capital Project No. 113)
- Environmental Remediation of Commercial Harbor Facilities, Statewide (Capital Project No. 107)
- Modernization Program Harbors Division CIP Staff Costs, Statewide (Capital Project No. 121)
- Commercial Harbor Facility Improvements, Statewide (Capital Project No. 124)
- Modernization Program Construction Management Support, Statewide (Capital Project No. 120)
- Commercial Harbor Environmental Retrofits, Statewide (Capital Project No. 126)

The CIP budget requests \$8,193,000 and \$8,493,000, respectively, in Harbor Special funds, \$23,350,000 each year in Harbors Revenue Bond funds and \$3,000 each year in Other Federal funds for the requested CIP projects.

C. Description of Activities Performed

The major activities of this program involve long-range planning for individual capital improvement projects; development of master plans; provide planning, design, construction special maintenance, and environmental engineering support; and provide administrative and management support, including financial, personnel, property management, and information systems and methods, standards and evaluation support.

This program develops and maintains harbor facilities for the safe and efficient flow of people and cargo into and out of the statewide commercial harbors system. Main activities include maintaining harbor facilities in operational condition; maintaining compliance with safety, security, and environmental regulations and requirements; and charging, billing and collecting required fees charged for the use of facilities and for services provided.

D. Statement of Key Policies Pursued

The statewide commercial harbors system is operated on a self-sustaining basis and generates revenues through user fees to support its operations and capital development programs. Sound financial, management and operational practices guide the administration of the program and optimize program resources.

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Improve accessibility to shipping, docking, and storage facilities.
- 2) Encourage a variety of carriers to offer increased opportunities and advantages to the inter-island movement of people and goods.
- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.
- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.
- 5) Coordinate intergovernmental land use and transportation planning

Program Plan Narrative

TRN395: HARBORS ADMINISTRATION

03 02 11

activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.

6) Acceleration of the Modernization Program to stimulate the economy as well as address critical harbor facility improvements.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining harbor navigational features, as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters including zoning and permitting. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services, and who assist with identifying projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

F. Description of Major External Trends Affecting the Program

To achieve economies of scale, ship capacities, particularly for containerized cargo, have increased dramatically over time from a few hundred to over a thousand containers per ship on the most modern vessels. Increasing cargo yard capacities to handle larger peaks is an external trend affecting the program.

The evolution of overseas and inter-island container barge service has also affected the program. Due to the high wheel loads of modern handling equipment, pier and yard design loads must be increased. This indicates a trend toward using larger and heavier capacity equipment as a common means of handling cargo.

Market trends of the passenger cruise ship industry also affect this

program. The need for increased security at both passenger and cargo terminals reflects the national trend for more secure ports.

It is a constant challenge to address ever-evolving State and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.).

Changes in the local, national, and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

Insofar as planning and analysis are concerned, the achievement of program objectives by a combination of staff and consultant expertise is planned throughout the period.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees imposed throughout the statewide commercial harbors system.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

PROGRAM ID: TRN333
 PROGRAM STRUCTURE NO: 030212
 PROGRAM TITLE: HANA HARBOR

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OTHER CURRENT EXPENSES		42,519	42,519	42,519	43	43	43	43
TOTAL OPERATING COST	0	42,519	42,519	42,519	43	43	43	43
BY MEANS OF FINANCING	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
SPECIAL FUND		42,519	42,519	42,519	43	43	43	43
CAPITAL IMPROVEMENT COSTS								
PLANS	300,000							
DESIGN	500,000		201,000					
CONSTRUCTION	16,950,000		3,501,000					
TOTAL CAPITAL EXPENDITURES	17,750,000		3,702,000					
BY MEANS OF FINANCING								
SPECIAL FUND			2,000					
REVENUE BONDS	17,750,000		3,700,000					
TOTAL PERM POSITIONS	*	*	*	*	*	*	*	*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	17,750,000	42,519	3,744,519	42,519	43	43	43	43

PROGRAM ID: TRN333
 PROGRAM STRUCTURE: 030212
 PROGRAM TITLE: HANA HARBOR

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
<u>MEASURES OF EFFECTIVENESS</u>								
1. % OF VESSELS W/ ACCESS TO HANA HAR DURING EMERG	NA	NA	NA	NA	NA	NA	NA	NA
<u>PROGRAM TARGET GROUPS</u>								
1. # OF VESSELS W/ ACCESS TO HANA HAR DURING EMERG	NA	NA	NA	NA	NA	NA	NA	NA
2. # OF VESSELS REQ ACCESS TO HANA HAR DURING EMERG	NA	NA	NA	NA	NA	NA	NA	NA
<u>PROGRAM ACTIVITIES</u>								
1. PIER LENGTH (LINEAR FEET)	NA	NA	NA	NA	NA	NA	NA	NA

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN333: HANA HARBOR

03 02 12

A. Statement of Program Objectives

To facilitate the safe and efficient movement of people and goods into, within, and out of the State by providing and maintaining commercial harbor facilities and supporting services at Hana Harbor.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The operating biennium budget for the FB 2017-19 reflects prudence in managing our financial resources within our revenue projections as the economy continues its recovery. The operating biennium budget request includes funds of \$30,000B in each year for Special Repair and Maintenance funds.

The biennium budget request reflects the following Capital Improvement Program (CIP) requests:

Remove Hana Pier Superstructure, Hana Harbor, Maui (Capital Project No. M23)

The CIP budget requests \$3,700,000 in Harbors Revenue Bond funds and \$2,000 in Harbors Special funds in FY 2018 for the requested CIP project.

C. Description of Activities Performed

This program maintains harbor facilities for the flow of cargo into and out of Hana Harbor. The main activities include maintaining harbor facilities in good repair and operational condition.

Hana Harbor was transferred to the jurisdiction of the Harbors Division in 2010 for use as an emergency pier in the event that Hana becomes isolated due to road closures in the event of natural or man-made disasters. The current pier is not usable for commercial cargo operations and its removal will be completed if the above CIP request is granted.

D. Statement of Key Policies Pursued

Pursuant to the Hawaii State Plan (HRS 226), the key policies pursued to meet the program objectives are:

- 1) Provide for improved accessibility to shipping, docking, and storage facilities.
- 2) Encourage a variety of carriers to offer increased opportunities and advantages to inter-island movement of people and goods.
- 3) Increase the capacities of harbor support facilities to effectively accommodate transshipment and storage needs.
- 4) Encourage the development of maritime-related transportation systems and programs which would assist statewide economic growth and diversification.
- 5) Coordinate intergovernmental land use and transportation planning activities to ensure the timely delivery of supporting transportation infrastructure in order to accommodate planned growth objectives.

E. Identification of Important Program Relationships

The Department coordinates with various governmental agencies and maritime users in the development and operation of harbor facilities.

The federal government is involved in developing and maintaining harbor navigational features, as well as navigational safety and pollution control. State agencies are involved in coastal zone management, land and water use, economic development, pollution control, and safety regulations. The counties are involved in matters including zoning and permits. The Department further collaborates with maritime users who provide shipping services, stevedoring, warehousing, tug services, maintenance, ship chandlery and repair, distribution and other services to identify projects needed to support shipping and maritime commerce. The Department, for example, collaborates with the Hawaii Harbors Users Group (HHUG), a non-profit maritime transportation industry group founded in 2005, to support maritime users through advocacy, compliance assistance, and educational outreach while assisting the Harbors Division through legislative and congressional delegation support.

F. Description of Major External Trends Affecting the Program

Hana Harbor is the second harbor under commercial jurisdiction on Maui and has been designated for redevelopment for commercial use. While

Program Plan Narrative

TRN333: HANA HARBOR

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the pier is currently under commercial jurisdiction, it has not been used commercially for quite some time. The availability of landside handling area constraints potential cargo handling operations and affects this program.

It is a constant challenge to address ever-evolving state and federal requirements regarding fuel transfer and storage (e.g., increased demands due to economics and energy policies); port security (e.g., maintaining effective port security without restricting the flow of commerce); bio-security (providing requisite space for Department of Agriculture's inspection activities); U.S. Customs (e.g., providing requisite space for inspection activities); and environmental issues (e.g., HRS Chapter 343 compliance, sea level rise adaptation, endangered species mitigation, storm water management, mitigation of pre-existing conditions, etc.)

Changes in the local, national and global economy also have financial impacts on maritime operations and the revenues collected by the division.

G. Discussion of Cost, Effectiveness, and Program Size Data

The Hana Pier Improvements Development Plan was completed in 2011. The Hana Pier Improvements Environmental Assessment is currently being worked on. This plan will serve as a guide to planning and programming future improvements.

H. Discussion of Program Revenues

The program is funded through services (wharfage, port entry, and dockage), rentals, mooring fees, investments and other user fees imposed throughout the statewide commercial harbors system.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:
PROGRAM STRUCTURE NO: 0303
PROGRAM TITLE: LAND TRANSPORTATION FACILITIES AND SERVICES

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			3,361,091	3,567,957	3,568	3,568	3,568	3,568
TOTAL CURRENT LEASE PAYMENTS COST			3,361,091	3,567,957	3,568	3,568	3,568	3,568
BY MEANS OF FINANCING								
SPECIAL FUND			3,361,091	3,567,957	3,568	3,568	3,568	3,568
OPERATING COST	626.00*	626.00*	638.00*	638.00*	638.0*	638.0*	638.0*	638.0*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
PERSONAL SERVICES	41,083,992	53,053,182	58,539,788	59,171,855	59,171	59,171	59,171	59,171
OTHER CURRENT EXPENSES	198,479,959	254,327,851	246,112,786	228,484,586	283,595	283,932	280,315	284,383
EQUIPMENT	4,228,741	3,960,879	5,167,172	3,187,244	3,187	3,187	3,187	3,187
MOTOR VEHICLES	4,430,988	3,214,786	2,620,087	4,187,483	4,187	4,187	4,187	4,187
TOTAL OPERATING COST	248,223,680	314,556,698	312,439,833	295,031,168	350,140	350,477	346,860	350,928
BY MEANS OF FINANCING								
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
GENERAL FUND		1,500,000	1,000,000	1,000,000	1,000	1,000	1,000	1,000
	619.20*	619.20*	631.20*	631.20*	631.2*	631.2*	631.2*	631.2*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
SPECIAL FUND	244,238,157	300,728,214	299,875,222	282,250,557	337,359	337,696	334,079	338,147
	6.00*	6.00*	6.00*	6.00*	6.0*	6.0*	6.0*	6.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
FEDERAL FUNDS	3,961,692	11,582,750	10,809,622	11,025,622	11,026	11,026	11,026	11,026
	0.80*	0.80*	0.80*	0.80*	0.8*	0.8*	0.8*	0.8*
	**	**	**	**	**	**	**	**
OTHER FEDERAL FUNDS	23,831	745,734	754,989	754,989	755	755	755	755
CAPITAL IMPROVEMENT COSTS								
PLANS	12,056,000	12,851,000	12,687,000	12,265,000	2,688	584	1	1
LAND ACQUISITION	17,346,000	5,903,000	14,825,000	8,214,000	5,328	623	1	1
DESIGN	41,341,000	26,893,000	39,605,000	24,519,000	15,324	2,405	268	148
CONSTRUCTION	296,506,000	297,536,000	274,668,000	250,904,000	246,932	140,110	56,171	24,553
EQUIPMENT				1,000,000				
TOTAL CAPITAL EXPENDITURES	367,249,000	343,183,000	341,785,000	296,902,000	270,272	143,722	56,441	24,703

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:

PROGRAM STRUCTURE NO: 0303

PROGRAM TITLE: LAND TRANSPORTATION FACILITIES AND SERVICES

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
SPECIAL FUND	16,034,000	16,027,000	16,000,000	16,000,000	16,000	16,000	16,000	16,000
G.O. BONDS	88,000	88,000	186,000	374,000				
REVENUE BONDS	107,351,000	90,123,000	94,175,000	74,668,000	63,957	29,325	6,682	140
FEDERAL FUNDS	242,176,000	236,445,000	231,424,000	205,860,000	190,315	98,397	33,759	8,563
PRIVATE CONTRIBUTIONS	1,600,000	500,000						
TOTAL PERM POSITIONS	626.00*	626.00*	638.00*	638.00*	638.0*	638.0*	638.0*	638.0*
TOTAL TEMP POSITIONS	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
TOTAL PROGRAM COST	615,472,680	657,739,698	657,585,924	595,501,125	623,980	497,767	406,869	379,199

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN501
PROGRAM STRUCTURE NO: 030301
PROGRAM TITLE: OAHU HIGHWAYS

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			2,890,538	3,068,891	3,069	3,069	3,069	3,069
TOTAL CURRENT LEASE PAYMENTS COST			2,890,538	3,068,891	3,069	3,069	3,069	3,069
BY MEANS OF FINANCING								
SPECIAL FUND			2,890,538	3,068,891	3,069	3,069	3,069	3,069
OPERATING COST	224.00*	209.00*	211.00*	211.00*	211.0*	211.0*	211.0*	211.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	18,755,374	18,944,466	21,057,260	21,160,481	21,160	21,160	21,160	21,160
OTHER CURRENT EXPENSES	87,061,663	84,411,081	82,541,357	82,536,591	82,537	82,537	82,537	82,537
EQUIPMENT	583,844	1,365,773	1,968,664	1,011,763	1,012	1,012	1,012	1,012
MOTOR VEHICLES	2,868,156	1,957,232	1,394,341	2,311,242	2,311	2,311	2,311	2,311
TOTAL OPERATING COST	109,269,037	106,678,552	106,961,622	107,020,077	107,020	107,020	107,020	107,020
BY MEANS OF FINANCING								
	224.00*	209.00*	211.00*	211.00*	211.0*	211.0*	211.0*	211.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	106,612,657	106,678,552	106,961,622	107,020,077	107,020	107,020	107,020	107,020
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS	2,656,380							
CAPITAL IMPROVEMENT COSTS								
PLANS	3,675,000	904,000	1,607,000	1,619,000				
LAND ACQUISITION	3,775,000	2,560,000	1,281,000	2,770,000	1,948	622		
DESIGN	11,504,000	10,140,000	9,259,000	9,058,000	7,873	1,918	90	
CONSTRUCTION	137,397,000	153,875,000	71,923,000	40,862,000	56,113	48,574	8,766	556
TOTAL CAPITAL EXPENDITURES	156,351,000	167,479,000	84,070,000	54,309,000	65,934	51,114	8,856	556

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN501
 PROGRAM STRUCTURE NO: 030301
 PROGRAM TITLE: OAHU HIGHWAYS

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
G.O. BONDS	88,000	88,000	186,000	374,000				
REVENUE BONDS	44,259,000	44,594,000	29,823,000	18,017,000	20,421	13,490	1,966	111
FEDERAL FUNDS	110,404,000	122,297,000	54,061,000	35,918,000	45,513	37,624	6,890	445
PRIVATE CONTRIBUTIONS	1,600,000	500,000						
TOTAL PERM POSITIONS	224.00*	209.00*	211.00*	211.00*	211.0*	211.0*	211.0*	211.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	265,620,037	274,157,552	193,922,160	164,397,968	176,023	161,203	118,945	110,645

PROGRAM ID: TRN501
 PROGRAM STRUCTURE: 030301
 PROGRAM TITLE: OAHU HIGHWAYS

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. NO. HIGHWAY LOCATIONS WHERE CONGESTION EXISTS-PEAK	18	18	18	18	18	18	18	18
2. ACCIDENTS PER 100 MILLION VEHICLE MILES	58	53	49	45	40	36	32	28
3. FATALITIES PER BILLION VEHICLE MILES	8	8	8	8	8	7	7	7
4. MAINTENANCE COST PER 10 LANE-MILES	689169	686391	707964	710763	710763	710763	710763	710763
5. % TOT DECK AREA STRUC DEFICIENT BRIDGES NHS	0	1	1	1	1	1	1	1
6. % TOT DECK AREA STRUC DEFICIENT BRIDGES ALL	0	0	0	0	0	0	0	0
7. % ROADS WITH PAVEMENT CONDITION RATING 80 OR MORE	65	66	68	69	70	71	70	70
PROGRAM TARGET GROUPS								
1. VEHICLE MILES OF TRAVEL (MILLIONS OF MILES)	3507	3555	3604	3649	3697	3745	3794	3842
2. AVERAGE DAILY TRAFFIC (VEHICLES PER DAY)	37800	38320	38840	39320	39850	40370	40890	41410
3. NO. OF REGISTERED VEHICLES	809900	820975	832051	843126	854202	865277	876353	887428
4. NO. OF REGISTERED VEHICLE OPERATORS	618335	624112	629889	635666	641442	647219	652996	658773
5. MILES OF ROADS W/PAVEMENT COND. RATING 80 OR MORE	740	755	773	785	797	808	797	797
PROGRAM ACTIVITIES								
1. ROADWAY MAINTENANCE (LANE MILES)	1150	1150	1150	1150	1150	1150	1150	1150
2. LANDSCAPE MAINTENANCE (ACRES)	1350	1350	1350	1350	1350	1350	1350	1350
3. STRUCTURE MAINTENANCE (NUMBER)	442	442	442	442	442	442	442	442
4. RESURFACING (LANE MILES)	7.6	16.26	33.94	69.28	25.53	13.6	12.17	45.58
5. SPECIAL MAINTENANCE - RESURFACING (\$1000)	14847	16100	6800	16650	15550	16000	22577	22000
6. SPECIAL MAINTENANCE - OTHERS (\$1000)	22811	19371	28671	18821	19921	19471	12894	13471

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN501: OAHU HIGHWAYS

03 03 01

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods on the island of Oahu by providing and maintaining highways.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

Operating - Special Maintenance Program increase of \$35,471,500B in FY 2018 and FY 2019. Trade-off/transfers for this program reflect an increase of \$2,129,369B in FY 2018 and \$2,302,956B in FY 2019. Intelligent Transportation Systems (ITS) branch support - 2.00 full-time equivalent (FTE) permanent Automated System Equipment Technician (ASET) I positions and funding \$103,220B in FY 2018 and \$206,441B in FY 2019; and passenger vehicle in FY 2018 \$40,000B. Fringe benefit increase of \$865,289B in FY 2018 and FY 2019.

Capital Improvement Program (CIP) - Request for this program amounts to \$22,560,000 (E) and \$44,440,000 (N) in FY 2018 and \$24,640,000 (E) and \$50,760,000 (N) in FY 2019.

C. Description of Activities Performed

The major activities of this program are design, construction and maintenance.

Projects are designed for maximum safety to motorists, economy of construction and maintenance, and minimum inconvenience to the traveling public.

Construction is the most visible activity. Construction brings to reality what was in the conceptual stage of design. Utility and enjoyment of the completed facilities by the public is the aim of this activity.

With time, all things deteriorate, whether it is concrete structures, asphalt concrete pavement, or landscaping. Maintenance activity becomes most visible at that time. Preventive maintenance is also a necessity for all State facilities to minimize and delay costly reconstruction. Proper maintenance of the highways provides safety and eliminates inconveniences to motorists.

D. Statement of Key Policies Pursued

To attain the program objective, a system of highways is designed, constructed and maintained. Also, existing highway facilities are being utilized to their optimum capacity without sacrificing safety through programs such as traffic operation and improvement program.

To achieve the transportation objectives of the Hawaii State Plan, this program strives to develop an integrated island-wide highway system consistent with planned growth objectives, supportive of present and future development, and responsive to needs of communities and environment.

E. Identification of Important Program Relationships

Refer to "Identification of Important Program Relationships" of Highways Administration, TRN 595, for the discussion of this section.

F. Description of Major External Trends Affecting the Program

The National Environmental Policy Act (NEPA) and Environmental Impact Statement (EIS) requirements have made the preservation and enhancement of the environment a part of the total system's approach to the design concept.

Community awareness of possible effects of highway improvements on the community and environment has increased. The time and cost to complete a project have increased due to the EIS requirement. The Highways Division continues to take a proactive approach in fulfilling Clean Water Act and other State and Federal requirements. The need to address storm water impacts and pollutants through Best Management Practices before, during and after construction, has increased project costs.

The Highways Division is making efforts to be compliant with more stringent environmental regulations, which include, but are not limited, to Environmental Protection Agency (EPA) regulations; State of Hawaii, Department of Health (DOH) regulations; NEPA, Clean Water Act; Clean Air Act (CAA); Emergency Planning and Community Right-To-Know Act (EPCRA); Occupational Safety and Health Act (OSHA); Oil Pollution Act (OPA); and Resource Conservation and Recovery Act (RCRA).

Program Plan Narrative

TRN501: OAHU HIGHWAYS

03 03 01

Fixing America's Surface Transportation (FAST) Act: FAST authorized the federal surface transportation programs for highways, highway safety, and transit for five (5) years from 2016 to 2020. The highway act provided federal funds of approximately \$171 million to \$187 million per year for Hawaii. However, annual appropriations bills generally limit the funds that can actually be obligated to approximately 90% to 94% of the apportioned funds.

Revenues to the Federal Highway Trust Fund are declining as a result of more fuel efficient vehicles and less driving as fuel prices increase. How Congress will resolve the highway funding issue is unclear. For planning purposes, we assume Hawaii's share of federal highway funds will be similar to that of past years.

Some of the federal highway funds that Hawaii receives are passed through to the counties and other agencies. Utilization of these funds depends on the amount of projects programmed in the Statewide Transportation Improvement Program (STIP). Law requires that projects using federal highway funds, as well as those considered regionally significant, be included in STIP.

Refer to "Description of Major External Trends Affecting the Program" of Highways Administration, TRN 595, for other comments.

The State Department of Transportation (DOT) must comply with the requirements of a DOH, National Pollution Discharge Elimination System permit for storm water discharges. An Oahu Storm Water Management Program was created to address the DOT's responsibilities. The HWY-OW group, along with a Master Consultant, has been tasked with implementing all activities, programs and submittals required by these storm water requirements. We anticipate that future permit revisions will be more demanding than the present permit.

G. Discussion of Cost, Effectiveness, and Program Size Data

Funding for operational costs is primarily for normal operational requirements necessary to maintain Highway facilities and services.

H. Discussion of Program Revenues

Refer to "Discussion of Program Revenues" of Highways Administration,

TRN 595, for the discussion of program revenues generated under this program.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN511
 PROGRAM STRUCTURE NO: 030302
 PROGRAM TITLE: HAWAII HIGHWAYS

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			100,833	107,054	107	107	107	107
TOTAL CURRENT LEASE PAYMENTS COST			100,833	107,054	107	107	107	107
BY MEANS OF FINANCING								
SPECIAL FUND			100,833	107,054	107	107	107	107
OPERATING COST	131.00*	131.00*	131.00*	131.00*	131.0*	131.0*	131.0*	131.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	5,878,577	10,151,974	10,916,170	10,916,170	10,916	10,916	10,916	10,916
OTHER CURRENT EXPENSES	12,798,989	17,461,434	16,194,155	16,203,393	16,204	16,204	16,204	16,204
EQUIPMENT	1,909,822	450,772	894,828	252,291	252	252	252	252
MOTOR VEHICLES	1,276,788	757,874	313,818	956,355	956	956	956	956
TOTAL OPERATING COST	21,864,176	28,822,054	28,318,971	28,328,209	28,328	28,328	28,328	28,328
BY MEANS OF FINANCING								
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
GENERAL FUND		1,500,000						
	131.00*	131.00*	131.00*	131.00*	131.0*	131.0*	131.0*	131.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	21,864,176	27,322,054	28,318,971	28,328,209	28,328	28,328	28,328	28,328
CAPITAL IMPROVEMENT COSTS								
PLANS	276,000	541,000	1,739,000	1,875,000	937			
LAND ACQUISITION	1,021,000	684,000	11,853,000	3,797,000	2,485			
DESIGN	6,142,000	6,964,000	5,086,000	1,640,000	1,057	176	177	147
CONSTRUCTION	35,433,000	10,531,000	29,840,000	43,315,000	74,291	54,639	23,252	
TOTAL CAPITAL EXPENDITURES	42,872,000	18,720,000	48,518,000	50,627,000	78,770	54,815	23,429	147

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN511
 PROGRAM STRUCTURE NO: 030302
 PROGRAM TITLE: HAWAII HIGHWAYS

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
BY MEANS OF FINANCING								
REVENUE BONDS	9,018,000	10,301,000	13,991,000	11,327,000	17,437	10,962	4,685	29
FEDERAL FUNDS	33,854,000	8,419,000	34,527,000	39,300,000	61,333	43,853	18,744	118
TOTAL PERM POSITIONS	131.00*	131.00*	131.00*	131.00*	131.0*	131.0*	131.0*	131.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	64,736,176	47,542,054	76,937,804	79,062,263	107,205	83,250	51,864	28,582

PROGRAM ID: TRN511
 PROGRAM STRUCTURE: 030302
 PROGRAM TITLE: HAWAII HIGHWAYS

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. NO. HIGHWAY LOCATIONS WHERE CONGESTION EXISTS-PEAK	4	4	4	4	4	4	4	4
2. ACCIDENTS PER 100 MILLION VEHICLE MILES	75	70	65	61	56	52	48	44
3. FATALITIES PER BILLION VEHICLE MILES	10	13	13	12	12	11	11	10
4. MAINTENANCE COST PER 10 LANE-MILES	113486	214822	209266	209479	209479	209479	209479	209479
5. % TOT DECK AREA STRUC DEFICIENT BRIDGES NHS	0	0	0	0	0	0	0	0
6. % TOT DECK AREA STRUC DEFICIENT BRIDGES ALL	0	0	0	0	0	0	0	0
7. % ROADS WITH PAVEMENT CONDITION RATING 80 OR MORE	75	84	83	82	82	83	82	82
PROGRAM TARGET GROUPS								
1. VEHICLE MILES OF TRAVEL (MILLIONS OF MILES)	970	990	1012	1034	1055	1077	1098	1119
2. AVERAGE DAILY TRAFFIC (VEHICLES PER DAY)	7690	7850	8020	8200	8360	8530	8700	8870
3. NO. OF REGISTERED VEHICLES	201442	205899	210356	214814	219271	223728	228185	232642
4. NO. OF REGISTERED VEHICLE OPERATORS	133192	135276	137361	139445	141530	143615	145699	147784
5. MILES OF ROADS W/PAVEMENT COND. RATING 80 OR MORE	616	696	688	678	678	688	678	678
PROGRAM ACTIVITIES								
1. ROADWAY MAINTENANCE (LANE MILES)	817	817	817	817	817	817	817	817
2. LANDSCAPE MAINTENANCE (ACRES)	1416	1416	1416	1416	1416	1416	1416	1416
3. STRUCTURE MAINTENANCE (NUMBER)	126	126	126	126	126	126	126	126
4. RESURFACING (LANE MILES)	24.28	29.34	50.84	21.22	29.22	47.02	28	25.6
5. SPECIAL MAINTENANCE - RESURFACING (\$1000)	5053	8148	6989	4881	4549	5832	7599	6658
6. SPECIAL MAINTENANCE - OTHERS (\$1000)	5407	3913	5082	7179	7511	6229	4461	5403

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN511: HAWAII HIGHWAYS

03 03 02

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods on the island of Hawaii by providing and maintaining highways.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

Operating - Special maintenance program increase of \$12,060,310B in FY 2018 and FY 2019. Trade-off/transfer for this program reflect an increase of \$333,554B in FY 2018 and \$349,013B in FY 2019. Fringe benefit increase of \$482,750B in FY 2018 and FY 2019.

Capital Improvement Program (CIP) - Request for this program amounts to \$26,570,000 (E) and \$100,280,000 (N) in FY 2018 and \$20,050,000 (E) and \$71,800,000 (N) in FY 2019.

C. Description of Activities Performed

The major activities of this program are design, construction and maintenance.

Projects are designed for maximum safety to motorists, economy of construction and maintenance, and minimum inconvenience to the traveling public.

Construction is the most visible activity. Construction brings to reality what was in the conceptual stage of design. Utility and enjoyment of the completed facilities by the public is the aim of this activity.

With time, all things deteriorate, whether it is concrete structures, asphalt concrete pavement, or landscaping. Maintenance activity becomes most visible at that time. Preventive maintenance is also a necessity for all State facilities to minimize and delay costly reconstruction. Proper maintenance of the highways provides safety and eliminates inconveniences to motorists.

D. Statement of Key Policies Pursued

To attain the program objective, a system of highways is designed, constructed and maintained. Also, existing highway facilities are being utilized to their optimum capacity without sacrificing safety through

programs such as traffic operation and improvement program.

To achieve the transportation objectives of the Hawaii State Plan, this program strives to develop an integrated island-wide highway system consistent with planned growth objectives, supportive of present and future development, and responsive to needs of communities and environment.

E. Identification of Important Program Relationships

Refer to "Identification of Important Program Relationships" of Highways Administration, TRN 595, for the discussion of this section.

F. Description of Major External Trends Affecting the Program

The National Environmental Policy Act (NEPA) and Environmental Impact Statement (EIS) requirements have made the preservation and enhancement of the environment a part of the total system's approach to the design concept.

Community awareness of possible effects of highway improvements on the community and environment has increased. The time and cost to complete a project have increased due to the EIS requirement. The Highways Division continues to take a proactive approach in fulfilling Clean Water Act and other State and Federal requirements. The need to address storm water impacts and pollutants through Best Management Practices before, during and after construction, has increased project costs.

The Highways Division is making efforts to be compliant with more stringent environmental regulations, which include, but are not limited to, Environmental Protection Agency (EPA) regulations; State of Hawaii, Department of Health (DOH) regulations; NEPA; Clean Water Act; Clean Air Act (CAA); Emergency Planning and Community Right-To-Know Act (EPCRA); Occupational Safety and Health Act (OSHA); Oil Pollution Act (OPA); and Resource Conservation and Recovery Act (RCRA).

Fixing America's Surface Transportation (FAST) Act: FAST authorized the federal surface transportation programs for highways, highway safety, and transit for five (5) years from 2016 to 2020. The highway Act provided federal funds of approximately \$171 million to \$187 million per

Program Plan Narrative

TRN511: HAWAII HIGHWAYS

03 03 02

year for Hawaii. However, annual appropriations bills generally limit the funds that can actually be obligated to approximately 90% to 94% of the apportioned funds.

Revenues to the Federal Highway Trust Fund are declining as a result of more fuel efficient vehicles and less driving as fuel prices increase. How Congress will resolve the highway funding issue is unclear. For planning purposes, we assume Hawaii's share of federal highway funds will be similar to that of past years.

Some of the federal highway funds that Hawaii receives are passed through to the counties and other agencies. Utilization of these funds depends on the amount of projects programmed in the Statewide Transportation Improvement Program (STIP). Law requires that projects using federal highway funds as well as those considered regionally significant be included in STIP.

Refer to "Description of Major External Trends Affecting the Program" of Highways Administration, TRN 595 for other comments.

G. Discussion of Cost, Effectiveness, and Program Size Data

Funding for operational costs is primarily for normal operational requirements necessary to maintain Highway facilities and services.

H. Discussion of Program Revenues

Refer to "Discussion of Program Revenues" of Highways Administration, TRN 595, for the discussion of program revenues generated under this program.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN531
PROGRAM STRUCTURE NO: 030303
PROGRAM TITLE: MAUI HIGHWAYS

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			235,276	249,273	249	249	249	249
TOTAL CURRENT LEASE PAYMENTS COST			235,276	249,273	249	249	249	249
BY MEANS OF FINANCING								
SPECIAL FUND			235,276	249,273	249	249	249	249
OPERATING COST	89.00*	89.00*	89.00*	89.00*	89.0*	89.0*	89.0*	89.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
PERSONAL SERVICES	4,858,394	6,698,071	7,235,854	7,235,854	7,236	7,236	7,236	7,236
OTHER CURRENT EXPENSES	23,498,986	23,562,057	23,501,501	23,505,960	23,506	23,506	23,506	23,506
EQUIPMENT	1,085,352	752,582	1,194,054	682,167	682	682	682	682
MOTOR VEHICLES		135,013	98,895	208,440	209	209	209	209
TOTAL OPERATING COST	29,442,732	31,147,723	32,030,304	31,632,421	31,633	31,633	31,633	31,633
BY MEANS OF FINANCING								
	89.00*	89.00*	89.00*	89.00*	89.0*	89.0*	89.0*	89.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
SPECIAL FUND	29,442,732	31,147,723	32,030,304	31,632,421	31,633	31,633	31,633	31,633
CAPITAL IMPROVEMENT COSTS								
PLANS	713,000	778,000	418,000	103,000				
LAND ACQUISITION	2,708,000	918,000						
DESIGN	2,366,000	758,000	3,608,000	2,932,000	3,931			
CONSTRUCTION	43,348,000	41,996,000	57,382,000	38,335,000	22,397	2,575		
TOTAL CAPITAL EXPENDITURES	49,135,000	44,450,000	61,408,000	41,370,000	26,328	2,575		
BY MEANS OF FINANCING								
SPECIAL FUND	34,000	27,000						
REVENUE BONDS	14,605,000	12,757,000	20,362,000	15,359,000	10,231	2,575		
FEDERAL FUNDS	34,496,000	31,666,000	41,046,000	26,011,000	16,097			
TOTAL PERM POSITIONS	89.00*	89.00*	89.00*	89.00*	89.0*	89.0*	89.0*	89.0*
TOTAL TEMP POSITIONS	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
TOTAL PROGRAM COST	78,577,732	75,597,723	93,673,580	73,251,694	58,210	34,457	31,882	31,882

PROGRAM ID: TRN531
 PROGRAM STRUCTURE: 030303
 PROGRAM TITLE: MAUI HIGHWAYS

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. NO. HIGHWAY LOCATIONS WHERE CONGESTION EXISTS-PEAK	5	5	5	5	5	5	5	5
2. ACCIDENTS PER 100 MILLION VEHICLE MILES	52	50	48	46	44	42	40	39
3. FATALITIES PER BILLION VEHICLE MILES	12	12	12	11	11	11	11	10
4. MAINTENANCE COST PER 10 LANE-MILES	152776	275801	288592	288933	288933	288933	288933	288933
5. % TOT DECK AREA STRUC DEFICIENT BRIDGES NHS	0	0	0	0	0	0	0	0
6. % TOT DECK AREA STRUC DEFICIENT BRIDGES ALL	1	1	1	1	1	1	1	1
7. % ROADS WITH PAVEMENT CONDITION RATING 80 OR MORE	81	85	84	83	83	84	83	84
PROGRAM TARGET GROUPS								
1. VEHICLE MILES OF TRAVEL (MILLIONS OF MILES)	904	922	939	956	973	991	1008	1025
2. AVERAGE DAILY TRAFFIC (VEHICLES PER DAY)	18680	19050	19400	19760	20110	20480	20830	21180
3. NO. OF REGISTERED VEHICLES	182732	186213	189684	193175	196656	200137	203617	207098
4. NO. OF REGISTERED VEHICLE OPERATORS	114912	116708	118503	120299	122094	123889	125685	127480
5. MILES OF ROADS W/PAVEMENT COND. RATING 80 OR MORE	485	508	502	497	497	502	497	502
PROGRAM ACTIVITIES								
1. ROADWAY MAINTENANCE (LANE MILES)	529	529	529	529	529	529	529	529
2. LANDSCAPE MAINTENANCE (ACRES)	366	366	366	366	366	366	366	366
3. STRUCTURE MAINTENANCE (NUMBER)	111	111	111	111	111	111	111	111
4. RESURFACING (LANE MILES)	43.36	36.6	15.3	16.78	11.6	25.56	20.58	22.94
5. SPECIAL MAINTENANCE - RESURFACING (\$1000)	17348	13098	8298	10198	9373	9950	9673	10400
6. SPECIAL MAINTENANCE - OTHERS (\$1000)	2499	1800	6550	4700	5525	4948	5225	4498

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN531: MAUI HIGHWAYS

03 03 03

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods on the island of Maui, Molokai, and Lanai, by providing and maintaining highways.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

Operating - Maui Office: Special maintenance program increase of \$10,148,030B in FY 2018 and \$4,398,030B in FY 2019. Trade-off/transfer for this program reflect an increase of \$542,517B in FY 2018 and \$134,442B in FY 2019. Fringe benefit increase of \$275,749B in FY 2018 and FY 2019. Lanai Office: Special maintenance program increase of \$650,000B in FY 2018 and \$4,525,000B in FY 2019. Trade-off/transfer for this program reflect an increase of \$38,741B in FY 2018 and a decrease of \$44,329B in FY 2019. Fringe benefit increase of \$22,108B in FY 2018 and FY 2019. Molokai Office: Special maintenance program increase of \$4,100,000B in FY 2018 and \$975,000B in FY 2019. Trade-off/transfer for this program reflect a decrease of \$1,184B in FY 2018 and an increase \$106,075B in FY 2019. Fringe benefit increase of \$54,642B in FY 2018 and FY 2019.

Capital Improvement Program (CIP) - Request for this program amounts to \$6,500,000 (E) and \$3,800,000 (N) in FY 2018 and \$13,750,000 (E) and \$5,400,000 (N) in FY 2019.

C. Description of Activities Performed

The major activities of this program are design, construction and maintenance.

Projects are designed for maximum safety to motorists, economy of construction and maintenance, and minimum inconvenience to the traveling public.

Construction is the most visible activity. Construction brings to reality what was in the conceptual stage of design. Utility and enjoyment of the completed facilities by the public is the aim of this activity.

With time, all things deteriorate, whether it is concrete structures, asphalt concrete pavement, or landscaping. Maintenance activity becomes

most visible at that time. Preventive maintenance is also a necessity for all State facilities to minimize and delay costly reconstruction. Proper maintenance of the highways provides safety and eliminates inconveniences to motorists.

D. Statement of Key Policies Pursued

To attain the program objective, a system of highways is designed, constructed, and maintained. Also, existing highway facilities are being utilized to their optimum capacity without sacrificing safety through programs such as traffic operation and improvement program.

To achieve the transportation objectives of the Hawaii State Plan, this program strives to develop an integrated island-wide highway system consistent with planned growth objectives, supportive of present and future development, and responsive to the needs of communities and the environment.

E. Identification of Important Program Relationships

Refer to "Identification of Important Program Relationships" of Highways Administration, TRN 595, for the discussion of this section.

F. Description of Major External Trends Affecting the Program

The National Environmental Policy Act (NEPA) and Environmental Impact Statement (EIS) requirements have made the preservation and enhancement of the environment a part of the total system's approach to the design concept.

Community awareness of possible effects of highway improvements on the community and environment has increased. The time and cost to complete a project have increased due to the EIS requirement. The Highways Division continues to take a proactive approach in fulfilling Clean Water Act and other State and Federal requirements. The need to address storm water impacts and pollutants through Best Management Practices before, during and after construction, has increased project costs.

The Highways Division is making efforts to be compliant with more stringent environmental regulations, which include, but are not limited to,

Program Plan Narrative

TRN531: MAUI HIGHWAYS

03 03 03

Environmental Protection Agency (EPA) regulations, State of Hawaii, Department of Health (DOH) regulations; NEPA; Clean Water Act, Clean Air Act (CAA), Emergency Planning and Community Right-To-Know Act (EPCRA); Occupational Safety and Health Act (OSHA); Oil Pollution Act (OPA); and Resource Conservation and Recovery Act (RCRA).

Fixing America's Surface Transportation (FAST) Act: FAST authorized the federal surface transportation programs for highways, highway safety, and transit for five (5) years from 2016 to 2020. The highway Act provided federal funds of approximately \$171 million to \$187 million per year for Hawaii. However, annual appropriations bills generally limit the funds that can actually be obligated to approximately 90% to 94% of the apportioned funds.

Revenues to the Federal Highway Trust Fund are declining as a result of more fuel efficient vehicles and less driving as fuel prices increase. How Congress will resolve the highway funding issue is unclear. For planning purposes, we assume Hawaii's share of federal highway funds will be similar to that of past years.

Some of the federal highway funds that Hawaii receives are passed through to the counties and other agencies. Utilization of these funds depends on the amount of projects programmed in the Statewide Transportation Improvement Program (STIP). Law requires that projects using federal highway funds, as well as those considered regionally significant, be included in STIP.

Refer to "Description of Major External Trends Affecting the Program" of Highways Administration, TRN 595, for other comments.

G. Discussion of Cost, Effectiveness, and Program Size Data

Funding for operational costs is primarily for normal operational requirements necessary to maintain Highway facilities and services.

H. Discussion of Program Revenues

Refer to "Discussion of Program Revenues" of Highways Administration, TRN 595, for the discussion of program revenues generated under this program.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN561
 PROGRAM STRUCTURE NO: 030306
 PROGRAM TITLE: KAUAI HIGHWAYS

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
CURRENT LEASE PAYMENTS								
OTHER CURRENT EXPENSES			134,444	142,739	143	143	143	143
TOTAL CURRENT LEASE PAYMENTS COST			134,444	142,739	143	143	143	143
BY MEANS OF FINANCING								
SPECIAL FUND			134,444	142,739	143	143	143	143
OPERATING COST	51.00*	51.00*	51.00*	51.00*	51.0*	51.0*	51.0*	51.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	3,419,424	3,955,557	4,304,890	4,304,890	4,305	4,305	4,305	4,305
OTHER CURRENT EXPENSES	9,782,878	11,295,276	11,391,744	11,397,128	11,397	11,397	11,397	11,397
EQUIPMENT	252,916	919,502	471,136	572,723	573	573	573	573
MOTOR VEHICLES	286,044	364,667	813,033	711,446	711	711	711	711
TOTAL OPERATING COST	13,741,262	16,535,002	16,980,803	16,986,187	16,986	16,986	16,986	16,986
BY MEANS OF FINANCING								
	51.00*	51.00*	51.00*	51.00*	51.0*	51.0*	51.0*	51.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	13,741,262	16,535,002	16,980,803	16,986,187	16,986	16,986	16,986	16,986
CAPITAL IMPROVEMENT COSTS								
LAND ACQUISITION	2,191,000	1,590,000	757,000	373,000	600			
DESIGN	5,605,000	3,902,000	2,330,000	2,325,000	430			
CONSTRUCTION	2,620,000	14,962,000	22,468,000	66,140,000	65,590	9,700		
TOTAL CAPITAL EXPENDITURES	10,416,000	20,454,000	25,555,000	68,838,000	66,620	9,700		
BY MEANS OF FINANCING								
REVENUE BONDS	3,964,000	5,524,000	7,427,000	16,526,000	13,873	1,994		
FEDERAL FUNDS	6,452,000	14,930,000	18,128,000	52,312,000	52,747	7,706		
TOTAL PERM POSITIONS	51.00*	51.00*	51.00*	51.00*	51.0*	51.0*	51.0*	51.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	24,157,262	36,989,002	42,670,247	85,966,926	83,749	26,829	17,129	17,129

PROGRAM ID: TRN561
 PROGRAM STRUCTURE: 030306
 PROGRAM TITLE: KAUAI HIGHWAYS

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. NO. HIGHWAY LOCATIONS WHERE CONGESTION EXISTS-PEAK	2	2	2	2	2	2	2	2
2. ACCIDENTS PER 100 MILLION VEHICLE MILES	61	60	59	58	58	57	56	55
3. FATALITIES PER BILLION VEHICLE MILES	4	8	8	8	8	7	7	7
4. MAINTENANCE COST PER 10 LANE-MILES	222400	310492	337231	340594	340594	340594	340594	340594
5. % TOT DECK AREA STRUC DEFICIENT BRIDGES NHS	13	13	13	13	13	13	13	13
6. % TOT DECK AREA STRUC DEFICIENT BRIDGES ALL	16	11	11	9	5	5	5	5
7. % ROADS WITH PAVEMENT CONDITION RATING 80 OR MORE	83	83	84	84	86	86	85	86
PROGRAM TARGET GROUPS								
1. VEHICLE MILES OF TRAVEL (MILLIONS OF MILES)	433	442	450	458	467	475	483	491
2. AVERAGE DAILY TRAFFIC (VEHICLES PER DAY)	11460	11680	11900	12110	12340	12550	12780	12990
3. NO. OF REGISTERED VEHICLES	85437	87074	88711	90349	91986	93623	95260	96897
4. NO. OF REGISTERED VEHICLE OPERATORS	54584	55270	55955	56641	57327	58013	58698	59384
5. MILES OF ROADS W/ PAVEMENT COND. RATING 80 OR MORE	178	177	179	179	184	184	181	184
PROGRAM ACTIVITIES								
1. ROADWAY MAINTENANCE (LANE MILES)	121	121	121	121	121	121	121	121
2. LANDSCAPE MAINTENANCE (ACRES)	2000	2000	2000	2000	2000	2000	2000	2000
3. STRUCTURE MAINTENANCE (NUMBER)	4	4	4	4	4	4	4	4
4. RESURFACING (LANE MILES)	5.9	8.73	11.7	12.2	10.38	14.26	30.54	13.78
5. SPECIAL MAINTENANCE - RESURFACING (\$1000)	5135	6794	5850	6400	5500	5614	6752	5706
6. SPECIAL MAINTENANCE - OTHERS (\$1000)	3242	1719	2663	2113	3013	2899	1761	2807

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN561: KAUAI HIGHWAYS

03 03 06

A. Statement of Program Objectives

To facilitate the rapid, safe and economical movement of people and goods on the island of Kauai by providing and maintaining highways.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

Operating - Special maintenance program increase of \$8,513,160B in FY 2018 and FY 2019. Trade-off/transfers for this program reflect an increase of \$1,030,912B in FY 2018 and \$1,044,591B in FY 2019. Fringe benefit increase of \$239,163B in FY 2018 and FY 2019.

Capital Improvement Program (CIP) - Request for this program amounts to \$15,760,000 (E) and \$45,640,000 (N) in FY 2018; and \$9,170,000 (E), and \$33,680,000 (N) in FY 2019.

C. Description of Activities Performed

The major activities of this program are design, construction and maintenance.

Projects are designed for maximum safety to motorists, economy of construction and maintenance, and minimum inconvenience to the traveling public.

Construction is the most visible activity. Construction brings to reality what was in the conceptual stage of design. Utility and enjoyment of the completed facilities by the public is the aim of this activity.

With time, all things deteriorate, whether it is concrete structures, asphalt concrete pavement, or landscaping. Maintenance activity becomes most visible at this time. Preventive maintenance is also a necessity for all State facilities to minimize and delay costly reconstruction. Proper maintenance of the highways provides safety and eliminates inconveniences to motorists.

D. Statement of Key Policies Pursued

To attain the program objective, a system of highways is designed, constructed and maintained. Also, existing highway facilities are being utilized to their optimum capacity without sacrificing safety through

programs such as traffic operation and improvement program.

To achieve the transportation objectives of the Hawaii State Plan, this program strives to develop an integrated island-wide highway system consistent with planned growth objectives, supportive of present and future development, and responsive to the needs of communities and the environment.

E. Identification of Important Program Relationships

Refer to "Identification of Important Program Relationships" of Highways Administration, TRN 595, for the discussion of this section.

F. Description of Major External Trends Affecting the Program

The National Environmental Policy Act (NEPA) and Environmental Impact Statement (EIS) requirements have made the preservation and enhancement of the environment a part of the total system's approach to the design concept.

Community awareness of possible effects of highway improvements on the community and environment has increased. The time and cost to complete a project have increased due to the EIS requirement. The Highways Division continues to take a proactive approach in fulfilling Clean Water Act and other State and Federal requirements. The need to address storm water impacts and pollutants through Best Management Practices before, during and after construction, has increased project costs.

The Highways Division is making efforts to be compliant with more stringent environmental regulations, which include but are not limited to Environmental Protection Agency (EPA) regulations; State of Hawaii, Department of Health (DOH) regulations; NEPA; Clean Water Act; Clean Air Act (CAA); Emergency Planning and Community Right-To-Know Act (EPCRA); Occupational Safety and Health Act (OSHA); Oil Pollution Act (OPA); and Resource Conservation and Recovery Act (RCRA).

Fixing America's Surface Transportation (FAST) Act: FAST authorized the federal surface transportation programs for highways, highway safety, and transit for five (5) years from 2016 to 2020. The highway Act provided federal funds of approximately \$171 million to \$187 million per

Program Plan Narrative

TRN561: KAUAI HIGHWAYS

03 03 06

year for Hawaii. However, annual appropriations bills generally limit the funds that can actually be obligated to approximately 90% to 94% of the apportioned funds.

Revenues to the Federal Highway Trust Fund are declining as a result of more fuel efficient vehicles and less driving as fuel prices increase. How Congress will resolve the highway funding issue is unclear. For planning purposes, we assume Hawaii's share of federal highway funds will be similar to that of past years.

Some of the federal highway funds that Hawaii receives are passed through to the counties and other agencies. Utilization of these funds depends on the amount of projects programmed in the Statewide Transportation Improvement Program (STIP). Law requires projects using federal highway funds, as well as those considered regionally significant, be included in STIP.

Refer to "Description of Major External Trends Affecting the Program" of Highways Administration, TRN 595, for other comments.

G. Discussion of Cost, Effectiveness, and Program Size Data

Funding for operational costs is primarily for normal operational requirements necessary to maintain Highway facilities and services.

H. Discussion of Program Revenues

Refer to "Discussion of Program Revenues" of Highways Administration, TRN 595, for the discussion of program revenues generated under this program.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN595
PROGRAM STRUCTURE NO: 030307
PROGRAM TITLE: HIGHWAYS ADMINISTRATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OPERATING COST	90.00*	105.00*	115.00*	115.00*	115.0*	115.0*	115.0*	115.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
PERSONAL SERVICES	6,052,049	10,073,688	11,640,711	12,169,557	12,170	12,170	12,170	12,170
OTHER CURRENT EXPENSES	56,393,716	105,058,706	100,589,645	82,951,330	138,060	138,397	134,780	138,848
EQUIPMENT	350,333	472,250	620,990	668,300	668	668	668	668
TOTAL OPERATING COST	62,796,098	115,604,644	112,851,346	95,789,187	150,898	151,235	147,618	151,686
BY MEANS OF FINANCING	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
GENERAL FUND	90.00*	105.00*	1,000,000	1,000,000	1,000	1,000	1,000	1,000
	**	**	**	**	**	**	**	**
SPECIAL FUND	62,660,385	108,552,894	104,859,428	87,581,269	142,690	143,027	139,410	143,478
	*	*	*	*	*	*	*	*
FEDERAL FUNDS	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
	135,713	7,051,750	6,991,918	7,207,918	7,208	7,208	7,208	7,208
CAPITAL IMPROVEMENT COSTS								
PLANS	7,392,000	10,628,000	8,923,000	8,668,000	1,751	584	1	1
LAND ACQUISITION	7,651,000	151,000	934,000	1,274,000	295	1	1	1
DESIGN	15,724,000	5,129,000	19,322,000	8,564,000	2,033	311	1	1
CONSTRUCTION	77,708,000	76,172,000	93,055,000	62,252,000	28,541	24,622	24,153	23,997
EQUIPMENT				1,000,000				
TOTAL CAPITAL EXPENDITURES	108,475,000	92,080,000	122,234,000	81,758,000	32,620	25,518	24,156	24,000
BY MEANS OF FINANCING								
SPECIAL FUND	16,000,000	16,000,000	16,000,000	16,000,000	16,000	16,000	16,000	16,000
REVENUE BONDS	35,505,000	16,947,000	22,572,000	13,439,000	1,995	304	31	
FEDERAL FUNDS	56,970,000	59,133,000	83,662,000	52,319,000	14,625	9,214	8,125	8,000
TOTAL PERM POSITIONS	90.00*	105.00*	115.00*	115.00*	115.0*	115.0*	115.0*	115.0*
TOTAL TEMP POSITIONS	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
TOTAL PROGRAM COST	171,271,098	207,684,644	235,085,346	177,547,187	183,518	176,753	171,774	175,686

PROGRAM ID: TRN595
 PROGRAM STRUCTURE: 030307
 PROGRAM TITLE: HIGHWAYS ADMINISTRATION

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. COSTS OF ADMIN RELATIVE TO TOTAL PROGRAM COSTS (%)	7.93	16	15	15.45	15.18	15.17	16.99	15.13
2. VENDOR PAYMENT EXCEEDING 30 DAYS	.03	.02	.02	.02	.02	.02	.02	.02
3. DEBT SERVICE COST TO TOTAL O&M EXPENDITURE	.14	.23	.23	.18	.18	.18	.19	.19
4. AVG. # OF WORK DAYS TO PROCESS PERMIT APPLICATIONS	8	8	8	8	8	8	8	8
5. % OF COMPLAINTS RESPONDED TO WITHIN 5 WORK DAYS	55	55	55	55	55	55	55	55
PROGRAM ACTIVITIES								
1. ADMINISTRATIVE PERSONNEL (NO. OF PERSONS)	76	105	115	115	115	115	115	115
2. DIVISIONAL PERSONNEL (NO. OF PERSONS)	515.5	626	638	638	638	638	638	638
PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)								
TAXES	266,151	267,482	268,820	270,165	271,513	272,871	274,235	275,172
LICENSES, PERMITS, AND FEES	2,165	2,176	2,187	2,198	2,209	2,219	2,230	2,241
REVENUES FROM THE USE OF MONEY AND PROPERTY	1,809	1,818	1,827	1,836	1,846	1,855	1,864	1,873
REVENUE FROM OTHER AGENCIES: FEDERAL	201,296	202,303	203,314	204,331	205,353	206,379	207,410	208,448
CHARGES FOR CURRENT SERVICES	1,357	1,364	1,371	1,377	1,385	1,391	1,399	1,405
FINES, FORFEITS AND PENALTIES	5,568	5,596	5,624	5,652	5,680	5,708	5,737	5,766
NON-REVENUE RECEIPTS	62	62	63	63	63	64	64	64
TOTAL PROGRAM REVENUES	478,408	480,801	483,206	485,622	488,049	490,487	492,939	494,969
PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)								
SPECIAL FUNDS	478,408	480,801	483,206	485,622	488,049	490,487	492,939	494,969
TOTAL PROGRAM REVENUES	478,408	480,801	483,206	485,622	488,049	490,487	492,939	494,969

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN595: HIGHWAYS ADMINISTRATION

03 03 07

A. Statement of Program Objectives

To enhance the effectiveness of the program by providing program leadership, staff support services, and general land transportation-related services.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

Operating - Trade-off/transfers for this program reflect a decrease of \$4,126,809B in FY 2018 and \$3,923,948B in FY 2019. Establishment of the Intelligent Transportation Systems (ITS) branch: 10 full-time equivalent (FTE) permanent positions, operational and equipment funding, \$689,152B in FY 2018 and \$1,243,998B/\$216,000N in FY 2019. State highway surcharge increase of \$610,452B in FY 2018 and \$1,629,384B in FY 2019. Safe Routes To School (SRTS) surcharge increase of \$5,179B in FY 2018 and FY 2019. Fringe benefit increase of \$688,947B in FY 2018 and FY 2019. Special fund reduction of \$19,054,860B in FY 2019. Federal fund reduction of \$61,828N in FY 2018 and FY 2019. Homeless program funding of \$1,000,000A in FY 2018 and FY 2019.

Capital Improvement Program (CIP) - Request for this program amounts to \$16,000,000 (B), \$15,910,000 (E), and \$67,240,000 (N) for FY 2018 and \$16,000,000 (B), \$10,450,000 (E), and \$43,000,000 (N) for FY 2019.

C. Description of Activities Performed

Direct and coordinate the planning, design, construction, improvement, operation and maintenance of highways facilities and services by providing overall guidance, supervision and assistance. Review program accomplishments to improve effectiveness in achieving the objective of facilitating the safe and economic movement of people and goods within the State by providing, maintaining and operating land transportation facilities and services.

D. Statement of Key Policies Pursued

To attain the program objective, a system of highways is planned, designed, constructed and maintained. Program prioritization and project selection is supported in part by categorizing projects and programs into one or more of the following: mandates, safety, system preservation,

congestion relief/mitigation, capacity, enhancement, and other.

Traffic capacity studies are conducted to ensure existing highway facilities are being utilized to optimum capacity without sacrificing safety by incorporating techniques such as contra-flow lanes, coning and high occupancy vehicle (HOV) lanes, and Intelligent Transportation Systems (ITS), such as our Freeway Management System.

To achieve the transportation objectives of the Hawaii State Plan, this program strives to develop an integrated statewide highway system consistent with planned growth objectives, supportive of present and future development and responsive to the needs of communities and the environment.

E. Identification of Important Program Relationships

This program cooperates with the federal government, other State agencies, City and County of Honolulu, Hawaii County, Maui County, Kauai County, Community groups, and with the private sector. Financial support is provided through the Federal-aid highway program. Various County governments operate and maintain their own facilities and services, which are connected to State highways facilities and services. The private sector (i.e., engineering and construction firms) aids in design and construction of highways facilities and services.

F. Description of Major External Trends Affecting the Program

Major external trends affecting the program are population growth, increase in the number of vehicles, economic growth, land use changes, and new industrial and residential communities.

Fixing America's Surface Transportation (FAST) Act: FAST authorized the federal surface transportation programs for highways, highway safety, and transit for five (5) years from 2016 to 2020. The highway Act provided federal funds of approximately \$171 million to \$187 million per year for Hawaii. However, annual appropriations bills generally limit the funds that can actually be obligated to approximately 90% to 94% of the apportioned funds.

Revenues to the Federal Highway Trust Fund are declining as a result of more fuel efficient vehicles and less driving as fuel prices increase. How Congress will resolve the highway funding issue is unclear. For planning

Program Plan Narrative

TRN595: HIGHWAYS ADMINISTRATION

03 03 07

purposes, we assume Hawaii's share of federal highway funds will be similar to that of past years.

G. Discussion of Cost, Effectiveness, and Program Size Data

Some of the federal highway funds that Hawaii receives are passed through to the counties and other agencies. Utilization of these funds depends on the amount of projects programmed in the Statewide Transportation Improvement Program (STIP). Law requires that projects using Federal highway funds, as well as those considered regionally significant, be included in STIP. Discussion of Cost, Effectiveness, and Program Size Data

Beginning in 1993, the State has financed the Highways Capital Improvement Program by issuing revenue bonds secured by pledged revenues rather than by issuing reimbursable general obligation bonds. Currently, \$462,995,000 aggregate principal amount of revenue bonds are outstanding. Revenue bond sales of approximately \$80,000,000 are scheduled for 2018.

H. Discussion of Program Revenues

The Highways program is financed by State motor fuel (fixed rate) tax, State vehicle weight tax, State vehicle registration fee, rental motor vehicle/tour vehicle surcharge tax, other miscellaneous revenues, and Federal grants-in-aid for highways projects. The capital improvement budget is financed by revenue bonds, Highway Special Fund (cash), developer contributions/fees, and Federal funds.

Motor fuel tax revenues are forecast to remain relatively flat. The current State fuel tax rates are: gasoline, 16 cents/gallon; diesel oil (off highway), 2 cents/gallon; diesel oil (highway use), 16 cents/gallon; and liquid petroleum gas (highway use), 5.2 cents/gallon.

Revenues from vehicle weight tax and vehicle registration fees are both projected to increase at approximately 1.25%. Vehicle weight tax rates are: 0-4000 pounds at .0175 cents/pound, 4001-7000 pounds at .02 cents/pound, 7001-10,000 pounds at .0225 cents/pound, and 10,000 pounds and over at \$300/vehicle.

Vehicle registration fee is \$45/vehicle, of which \$40 is deposited into State Highway Fund and \$5 into the Emergency Medical Services Special Fund.

The current rates for the motor vehicle/tour vehicle surcharge are: motor vehicle rental - \$3/day levied upon the lessor; tour vehicles (8-25 passengers) - \$15/month, and over 25 passengers - \$65/month levied upon the tour vehicle operator. Car-sharing vehicle surcharge tax - 25 cents per half hour, with a maximum of \$3/day levied upon the car-sharing organization.

Fines include illegal parking in bikeways of \$200 per violation and use of electronic devices while operating a motor vehicle in a school zone or construction area of \$250 per violation.

The 6-year operating budget and planning period expenditures are based upon current revenues.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN597
 PROGRAM STRUCTURE NO: 030308
 PROGRAM TITLE: HIGHWAY SAFETY

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OPERATING COST	41.00*	41.00*	41.00*	41.00*	41.0*	41.0*	41.0*	41.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	2,120,174	3,229,426	3,384,903	3,384,903	3,384	3,384	3,384	3,384
OTHER CURRENT EXPENSES	8,943,727	12,539,297	11,894,384	11,890,184	11,891	11,891	11,891	11,891
EQUIPMENT	46,474		17,500					
TOTAL OPERATING COST	11,110,375	15,768,723	15,296,787	15,275,087	15,275	15,275	15,275	15,275
BY MEANS OF FINANCING	34.20*	34.20*	34.20*	34.20*	34.2*	34.2*	34.2*	34.2*
	**	**	**	**	**	**	**	**
SPECIAL FUND	9,916,945	10,491,989	10,724,094	10,702,394	10,702	10,702	10,702	10,702
	6.00*	6.00*	6.00*	6.00*	6.0*	6.0*	6.0*	6.0*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS	1,169,599	4,531,000	3,817,704	3,817,704	3,818	3,818	3,818	3,818
	0.80*	0.80*	0.80*	0.80*	0.8*	0.8*	0.8*	0.8*
	**	**	**	**	**	**	**	**
OTHER FEDERAL FUNDS	23,831	745,734	754,989	754,989	755	755	755	755
TOTAL PERM POSITIONS	41.00*	41.00*	41.00*	41.00*	41.0*	41.0*	41.0*	41.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	11,110,375	15,768,723	15,296,787	15,275,087	15,275	15,275	15,275	15,275

PROGRAM ID: TRN597
 PROGRAM STRUCTURE: 030308
 PROGRAM TITLE: HIGHWAY SAFETY

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. NO. MOTOR VEH FATALITIES PER 10,000 MOTOR VEHICLES	1	1	1	1	1	1	1	1
2. NO. MOTOR VEH INJURIES PER 10,000 MOTOR VEHICLES	75	75	70	70	70	70	65	65
3. NO. MOTOR VEH ACCIDENTS PER 10,000 MOTOR VEHICLES	110	110	108	108	105	105	105	105
4. NO. MOTOR VEH PROP DAMAGE ACCDTS/10,000 MOTOR VEH	45	45	45	40	40	40	40	40
5. NO. ACCIDENTS PER 10,000 MOTOR CARRIER VEHICLES	33	33	32	32	31	31	30	30
6. % DOT CERTIFIED INSPECTION STATIONS INSPECTED	20	20	25	25	25	25	25	25
7. NO. DOT CERTIFIED INSPECTION STATIONS SUSPENDED	2	1	0	0	0	0	0	0
8. NO. VEHICLES WEIGHED ON SEMI-PORTABLE SCALE	2503	3000	3000	5000	5000	6000	6000	6000
9. NO. VEHICLES WEIGHED ON SEMI-PORT SCALE AND CITED	31	32	35	35	40	40	40	40
10. NO. ACCIDENTS PER 10,000 SCHOOL BUS VEHICLES	1	1	1	1	1	1	1	1
PROGRAM TARGET GROUPS								
1. NO. OF MOTOR CARRIERS	7100	7100	7000	7000	7000	7000	7000	7000
2. NO. OF MOTOR CARRIER VEHICLES	34400	34400	34400	34400	34400	34400	34400	34400
3. NO. OF MOTOR CARRIER DRIVERS	33000	33000	33000	32000	32000	32000	32000	32000
4. NO. OF MOTOR VEHICLES	1233000	1233000	1233000	1240000	1240000	1240000	1240000	1240000
5. NO. OF DOT CERTIFIED VEHICLE INSPECTION STATIONS	156	156	160	160	160	165	165	165
6. NO. OF MOTOR CARRIERS WEIGHED SEMI-PORTABLE SCALES	2503	3000	3000	5000	5000	6000	6000	6000
7. NO. OF MOTOR CARRIER WEIGHED FIX COMMERCIAL SCALES	25000	25000	25000	25000	25000	25000	25000	25000
8. NO. OF SCHOOL BUS OPERATORS	95	95	95	95	95	95	95	95
9. NO. OF SCHOOL BUS VEHICLES	1050	1050	1050	1050	1050	1050	1050	1050
10. NO. OF SCHOOL BUS DRIVERS	1700	1700	1700	1700	1700	1700	1700	1700
PROGRAM ACTIVITIES								
1. NO. OF MOTOR CARRIER VEHICLES INSPECTED	3500	3600	3600	3700	3700	3800	3800	3800
2. NO. OF MOTOR CARRIER INVESTIGATIONS CONDUCTED	20	35	50	50	60	60	60	60
3. NO. OF DOT CERTIFIED INSPECTION STATIONS INSPECTED	32	40	50	50	50	50	50	50
4. NO. OF SEMI-PORTABLE SCALE SETUPS CONDUCTED	16	30	50	50	50	50	50	50
5. NO. OF FIXED COMMERCIAL SCALE SETUPS CONDUCTED	236	240	240	250	250	250	250	250
6. NO. OF SCHOOL BUSES INSPECTED	250	275	275	300	300	300	300	300
7. NO. OF SCHOOL BUS INVESTIGATIONS CONDUCTED	6	8	10	10	12	12	12	12
PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)								
REVENUE FROM OTHER AGENCIES: FEDERAL	4,347	4,369	4,390	4,412	4,434	4,456	4,479	4,501
CHARGES FOR CURRENT SERVICES	59	59	60	60	60	61	61	61
TOTAL PROGRAM REVENUES	4,406	4,428	4,450	4,472	4,494	4,517	4,540	4,562
PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)								
SPECIAL FUNDS	4,406	4,428	4,450	4,472	4,494	4,517	4,540	4,562
TOTAL PROGRAM REVENUES	4,406	4,428	4,450	4,472	4,494	4,517	4,540	4,562

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN597: HIGHWAY SAFETY

03 03 08

A. Statement of Program Objectives

To facilitate the safe movement of people and goods on public highways within the State by formulating and implementing a highway safety plan and enforcing laws, rules and regulations relating to highway safety and motor carrier safety operations and providing for supportive services.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

Operating - Trade-off/transfers for this program reflect an increase of \$52,900B in FY 2018 and \$31,200B in FY 2019. CID surcharge increase of \$26,081B in FY 2018 and FY 2019. Fringe benefit increase of \$9,255P in FY 2018 and FY 2019. Federal funds reduction of \$730,259N in FY 2018 and FY 2019.

C. Description of Activities Performed

The degree to which program objectives are achieved:

1. Establish and maintain a State Highway Safety Agency with adequate staffing, funding, administrative support, facilities and authority to administer a State Highway Safety Program.
2. Develop and implement the State Highway Safety Plan.
3. Coordinate and monitor Federal Commercial Driver License and State Periodic Motor Vehicle Inspection Programs.
4. Coordinate and monitor Real ID requirements as it relates to driver licenses and State identification cards.
5. Monitor State Civil Identification Program and Motor Vehicle Registration Program.
6. Design and implement a Motor Carrier Inspection and Driver Development Program.
7. Provide for the identification of highway and motor carrier needs of the driver, vehicle and carrier population.
8. Enforce the Vehicle Size and Weight Program for federal compliance.

9. Enforce motor carrier safety rules to meet federal compliance.

10. Enforce rules relating to the Pupil Transportation Safety Program.

D. Statement of Key Policies Pursued

Initial efforts have been directed toward the Motor Vehicle Safety Office to comply with the Motor Carrier and Highway Safety Programs in compliance with State and federal safety standards.

Sufficient implementation of the federal highway safety emphasis areas has been accomplished to permit approval of the Hawaii Highway Safety Program each year since 1969. The Governor's Highway Safety representative is the State's Highway Safety Coordinator.

E. Identification of Important Program Relationships

All matters pertaining to highway safety and motor carrier safety are coordinated with the federal, State and county governments and community and special interest groups.

F. Description of Major External Trends Affecting the Program

Major external trends affecting the program include the increase of motor carriers and driver population and State resident population acquiring State identification cards.

G. Discussion of Cost, Effectiveness, and Program Size Data

For the Fiscal Biennium 2017-19, the operating budget for the Motor Vehicle Safety Office Support Office is primarily to maintain operational requirements necessary to comply with Motor Carrier and Highway Safety Programs and standards.

H. Discussion of Program Revenues

Revenues for this program are derived from inspection fees, forms and decals, commercial driver licensing fees and manuals, and sale of rules/regulations. Because these revenues are insufficient to cover operating expenses, TRN 597, is supplemented by other highway revenue sources discussed in Highways Administration, TRN 595. The Civil Identification Program is supported by the Civil Identification Card

Program Plan Narrative

TRN597: HIGHWAY SAFETY

03 03 08

Fee Special Fund.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN995
PROGRAM STRUCTURE NO: 0304
PROGRAM TITLE: GENERAL ADMINISTRATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OPERATING COST	107.00*	109.00*	111.00*	111.00*	111.0*	111.0*	111.0*	111.0*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
PERSONAL SERVICES	8,475,204	11,301,495	12,448,506	12,644,774	12,645	12,645	12,645	12,645
OTHER CURRENT EXPENSES	9,910,249	14,953,678	23,727,986	19,280,544	18,966	18,966	18,966	18,966
EQUIPMENT	453,086	150,772	568,772	1,456,772	241	241	241	241
MOTOR VEHICLES		704,846	704,846	704,846	705	705	705	705
TOTAL OPERATING COST	18,838,539	27,110,791	37,450,110	34,086,936	32,557	32,557	32,557	32,557
BY MEANS OF FINANCING								
	106.00*	108.00*	110.00*	110.00*	110.0*	110.0*	110.0*	110.0*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
SPECIAL FUND	14,380,950	18,180,916	26,808,429	23,153,697	21,938	21,938	21,938	21,938
	1.00*	1.00*	1.00*	1.00*	1.0*	1.0*	1.0*	1.0*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS	4,457,589	8,506,808	9,913,329	10,195,729	10,196	10,196	10,196	10,196
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
PRIVATE CONTRIBUTIONS		423,067	728,352	737,510	423	423	423	423
TOTAL PERM POSITIONS	107.00*	109.00*	111.00*	111.00*	111.0*	111.0*	111.0*	111.0*
TOTAL TEMP POSITIONS	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
TOTAL PROGRAM COST	18,838,539	27,110,791	37,450,110	34,086,936	32,557	32,557	32,557	32,557

PROGRAM ID: TRN995
 PROGRAM STRUCTURE: 0304
 PROGRAM TITLE: GENERAL ADMINISTRATION

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. COSTS OF ADMIN RELATIVE TO TOTAL PROGRAM COSTS (%)	4	4	4	4	4	4	4	4
PROGRAM ACTIVITIES								
1. DIRECTOR'S OFFICE	20	20	20	20	20	20	20	20
2. PERSONNEL OFFICE	11	11	11	11	11	11	11	11
3. OFFICE OF CIVIL RIGHTS	8	8	8	8	8	8	8	8
4. BUSINESS MANAGEMENT OFFICE	17	17	17	17	17	17	17	17
5. CONTRACTS OFFICE	4	4	4	4	4	4	4	4
6. PROPERTY MANAGEMENT	0	0	0	0	0	0	0	0
7. COMPUTER SYSTEMS AND SERVICES	18	18	18	18	18	18	18	18
8. PPB MANAGEMENT AND ANALYTICAL	11	11	11	11	11	11	11	11
9. STATEWIDE TRANSPORTATION PLANNING	17	17	17	17	17	17	17	17
PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)								
REVENUE FROM OTHER AGENCIES: FEDERAL	7,217	7,799	7,799	7,799	7,799	7,799	7,799	7,799
TOTAL PROGRAM REVENUES	7,217	7,799	7,799	7,799	7,799	7,799	7,799	7,799
PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)								
SPECIAL FUNDS	7,217	7,799	7,799	7,799	7,799	7,799	7,799	7,799
TOTAL PROGRAM REVENUES	7,217	7,799	7,799	7,799	7,799	7,799	7,799	7,799

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN995: GENERAL ADMINISTRATION

03 04

A. Statement of Program Objectives

To enhance the effectiveness and efficiency of the program by providing program leadership, staff support services, and general transportation related services.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

The FB 2017-2019 budget request includes additional funds for fringe and payroll of \$876,727B in FY 18 and \$975,834B in FY 19, and adjustments to federal funds to match anticipated funding levels of \$1,405,523N in FY 18 and \$1,887,923N in FY 19.

The FB 2017-19 operating budget request includes funding for computer related maintenance and software: 1) automated budgets-to-actuals reporting of \$175,000B in FY 18 and \$65,000B in FY 19; 2) computer room air conditioning maintenance of \$15,000B in each fiscal year; 3) core network upgrade of \$216,000B in FY 19; 4) director's document tracking of \$614,400B in FY 18 and \$100,000B in FY 19; 5) disaster recovery and continuity of operations refresh of \$4,268,600B in FY 18 and \$1,350,000B in FY 19; 6) firewall upgrade of \$90,000B in FY 19; 7) NGN network hardware of \$268,000B in FY 18; 8) tape library hardware of \$150,000B in FY 18; and 9) B2GNow Program software of \$25,000B in each fiscal year; funds for consultant services for community outreach and government affairs of \$500,000B in each fiscal year; funds for travel expenses of \$8,000B in each fiscal year; 2 positions for Environmental Compliance of \$97,161B in FY 18 and \$194,322B in FY 19; funds for Environmental consultant services of \$500,000B in each fiscal year; funds for multi-lingual translation of Driver's Training Manual of \$300,000B in FY 18; funds for DBE Disparity Study (20% State share) of \$125,000B in FY 18; funding for Maui Metropolitan Planning Organization of \$50,000B in each fiscal year; funds for Department of the Attorney General for legal services of \$473,000B in FY 18 and \$695,000B in FY 19; funding for Department of Health, Environmental Compliance services of \$9,500B in FY 18 and \$16,500B in FY 19; and funds for enhanced mobility of seniors and individuals with disabilities of \$305,285R in FY 18 and \$314,443R in FY 19.

C. Description of Activities Performed

1. Office of the Director - Provides top-level planning, direction and

coordination of the various activities of the Department of Transportation.
2. Business Management Office - Provides internal audit and reports. Performs accounting functions for the General Administration offices and federal-aid accounting. Provides clerical, duplication, mail and messenger services.

3. Personnel Office - Provides personnel management and organizational development services.

4. Planning, Programming and Budgeting Management and Analytical Office - Provides program budgeting and evaluation services, budget control, managerial analysis and organizational evaluation and transportation studies. Also, provides services for short-range capital improvement implementation.

5. Computer Systems and Services Office - Provides full service automated data processing.

6. Statewide Transportation Planning Office - Provides overall long-range transportation and research services.

7. Contracts Office - Provides contract administration for the Transportation Facilities Program.

8. Office of Civil Rights - Monitors the department's efforts towards compliance with American with Disabilities Act (ADA), Civil Rights and Title VI, and the Disadvantaged Business Enterprise (DBE) Program.

9. Office of Environmental Compliance - Manages hazardous materials and environmental compliance programs.

10. Office of Public Affairs - Provides services to implement the Department's program of public information and public relations.

D. Statement of Key Policies Pursued

1. Increasing the ability of transportation systems to promote economic development and minimize traffic congestion.

2. In terms of statewide transportation planning, respond to the changing transportation requirements and the need for the development and

Program Plan Narrative

TRN995: GENERAL ADMINISTRATION

03 04

preparation of special transportation studies and reports.

3. In terms of general staff support to the divisions, providing timely and substantive advice and assistance in both planning and operations.

E. Identification of Important Program Relationships

Federal agencies involved include the following: Federal Aviation Administration, U.S. Departments of Treasury, Commerce, Agriculture, Interior, Education, and Health and Human Services, Army Corps of Engineers, U.S. Coast Guard, Federal Highway Administration, Urban Mass Transportation Administration and Environmental Protection Agency. Because county transportation systems must complement the statewide system, the counties, Planning Commissions and the Department of Public Works are also involved.

F. Description of Major External Trends Affecting the Program

The Transportation Program is constantly being affected by the following conditions:

1. Changing economic conditions have affected user operational needs that result in different types of aircraft, new methods of handling waterborne cargo and have required major renovations to user facilities.
2. Improved inter-island transportation has commanded a continuous search for an economical and convenient system that will integrate all modes of land, water, and air travel.
3. Consent decrees and federal law requires the Department to address environmental and social concerns.
4. Revenue sources of the program are limited due to the nature of the special funds. Yet, inflationary forces and collective bargaining have increased operational expenses. The overall impact is that considerable financial constraints are placed upon the program.

G. Discussion of Cost, Effectiveness, and Program Size Data

The effectiveness of the program in meeting its objectives is directly related to adequate funding and position levels.

H. Discussion of Program Revenues

This program does not generate revenues. The cost of the program is prorated among the three divisions: Airports Division, Highways Division and Harbors Division.

I. Summary of Analysis Performed

Not applicable.

J. Further Considerations

None.

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: TRN695
 PROGRAM STRUCTURE NO: 0305
 PROGRAM TITLE: ALOHA TOWER DEVELOPMENT CORPORATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
OPERATING COST	0.00*	0.00*	0.00*	0.00*	0.0*	0.0*	0.0*	0.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
PERSONAL SERVICES	49,056	77,173	77,173	77,173	77	77	77	77
OTHER CURRENT EXPENSES		1,765,000	1,765,000	1,765,000	1,765	1,765	1,765	1,765
EQUIPMENT								
TOTAL OPERATING COST	49,056	1,842,173	1,842,173	1,842,173	1,842	1,842	1,842	1,842
BY MEANS OF FINANCING								
	*	*	*	*	*	*	*	*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
SPECIAL FUND	49,056	1,842,173	1,842,173	1,842,173	1,842	1,842	1,842	1,842
TOTAL PERM POSITIONS	*	*	*	*	*	*	*	*
TOTAL TEMP POSITIONS	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
TOTAL PROGRAM COST	49,056	1,842,173	1,842,173	1,842,173	1,842	1,842	1,842	1,842

PROGRAM ID: TRN695
 PROGRAM STRUCTURE: 0305
 PROGRAM TITLE: ALOHA TOWER DEVELOPMENT CORPORATION

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
MEASURES OF EFFECTIVENESS								
1. NO MEASURES HAVE BEEN DEVELOPED FOR THIS PROGRAM								
PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)								
REVENUES FROM THE USE OF MONEY AND PROPERTY	1,002	1,002	1,002	1,002	1,002	1,002	1,002	1,002
TOTAL PROGRAM REVENUES	1,002	1,002	1,002	1,002	1,002	1,002	1,002	1,002
PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)								
SPECIAL FUNDS	1,002	1,002	1,002	1,002	1,002	1,002	1,002	1,002
TOTAL PROGRAM REVENUES	1,002	1,002	1,002	1,002	1,002	1,002	1,002	1,002

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

Program Plan Narrative

TRN695: ALOHA TOWER DEVELOPMENT CORPORATION

03 05

A. Statement of Program Objectives

To better serve the economic, maritime, and recreational needs of the people of Hawaii by developing, redeveloping or improving the Aloha Tower Complex.

B. Description of Request and Compliance with Section 37-68(1)(A)(B)

There are no increases in fringe and collective bargaining for the FB 2017-2019 budget request.

There is no Capital Improvement Program (CIP) request for this program in this biennium budget request.

C. Description of Activities Performed

This program manages the real property assets that are within the jurisdiction of the Aloha Tower Development Corporation (ATDC). The major activities involve administrative and managerial support, property management and the development of master plans for the areas within ATDC's jurisdiction.

D. Statement of Key Policies Pursued

Pursuant to HRS 206J-3, key policies concern the development, redevelopment or improvement of the waterfront areas within ATDC's jurisdiction.

E. Identification of Important Program Relationships

ATDC coordinates with various government agencies in the management of the real property assets that are within its jurisdiction.

F. Description of Major External Trends Affecting the Program

Changes in the local, national and global economy have financial implications for the real property assets of ATDC.

G. Discussion of Cost, Effectiveness, and Program Size Data

Insofar as real property asset management is concerned, the achievement of program objectives by a combination of staff and consultant expertise is planned throughout the period.

H. Discussion of Program Revenues

The program is funded through the revenue that ATDC receives as rent from the Aloha Tower Marketplace lessee.

In FB 2017-19, the current lessee (Hawaii Pacific University), provides rent at \$1,000,000 per fiscal year.

I. Summary of Analysis Performed

None.

J. Further Considerations

None.



Capital Budget Details

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-102

030101

HONOLULU INTERNATIONAL AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
A04C	28		NEW	HONOLULU INTERNATIONAL AIRPORT, NEW DIAMOND HEAD CONCOURSE DEVELOPMENT STUDY, OAHU										
			PLANS	5,000				5,000						
			TOTAL	5,000				5,000						
			REVENUE BONDS	5,000				5,000						
A08B	26		RENOVATION	HONOLULU INTERNATIONAL AIRPORT, CONCESSION IMPROVEMENTS, OAHU										
			DESIGN	1,500	1,500									
			CONSTRUCTION	17,000	11,000	6,000								
			TOTAL	18,500	12,500	6,000								
			REVENUE BONDS	18,500	12,500	6,000								
A08C	C3		NEW	HONOLULU INTERNATIONAL AIRPORT, OVERSEAS TERMINAL ASBESTOS ABATEMENT, OAHU										
			DESIGN	2,500		2,500								
			CONSTRUCTION	17,000			17,000							
			TOTAL	19,500		2,500	17,000							
			REVENUE BONDS	19,500		2,500	17,000							
A08D	9		NEW	HONOLULU INTERNATIONAL AIRPORT, RE-ROOF TERMINAL, OAHU										
			CONSTRUCTION	12,000		12,000								
			TOTAL	12,000		12,000								
			REVENUE BONDS	12,000		12,000								

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030101

PROGRAM TITLE

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		PROJECT TOTAL	PRIOR YRS	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	SUCCEED YEARS
								FY 15-16	FY 16-17							
A08E	20		RENOVATION	HONOLULU INTERNATIONAL AIRPORT, RESTROOM												
			DESIGN			10,000		5,000		5,000						
			CONSTRUCTION			43,876			18,876	5,000	20,000					
			TOTAL			53,876		5,000	18,876	10,000	20,000					
			FEDERAL FUNDS			1			1							
			SPECIAL FUND			12,500			12,500							
A08F	30		REVENUE BONDS			41,375		5,000	6,375	10,000	20,000					
			NEW	HONOLULU INTERNATIONAL AIRPORT, USDA												
			PLANS			200		200								
			DESIGN			350		350								
			CONSTRUCTION			14,450			5,450	9,000						
			TOTAL			15,000		550	5,450	9,000						
A10C	14		FEDERAL FUNDS			15,000		550	5,450	9,000						
			RENOVATION	HONOLULU INTERNATIONAL AIRPORT, ROADWAY												
			DESIGN			500		500								
			CONSTRUCTION			14,319	7,740		6,579							
			TOTAL			14,819	7,740	500	6,579							
			REVENUE BONDS			14,819	7,740	500	6,579							
A11E	7		NEW	HONOLULU INTERNATIONAL AIRPORT, ELLIOTT												
			DESIGN			13,638	11,638		2,000							
			CONSTRUCTION			505,422	404,722		50,700	50,000						
			TOTAL			519,060	416,360		52,700	50,000						
			OTHER FUNDS			36,000	36,000									
			REVENUE BONDS			483,060	380,360		52,700	50,000						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-102

030101

HONOLULU INTERNATIONAL AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY	FY	FY	FY	FY	FY	FY	FY	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	
A16A	12		NEW	HONOLULU INTERNATIONAL AIRPORT, INTERNATIONAL ARRIVALS BUILDING ROOF IMPROVEMENTS, OAHU										
			DESIGN	2,000		2,000								
			TOTAL	2,000		2,000								
			REVENUE BONDS	2,000		2,000								
A23M	11		REPLACEMENT	HONOLULU INTERNATIONAL AIRPORT, WATERLINE IMPROVEMENTS, OAHU										
			DESIGN	2,400	1,400	1,000								
			CONSTRUCTION	9,035	9,035									
			TOTAL	11,435	10,435	1,000								
			REVENUE BONDS	11,435	10,435	1,000								
A23R	3		NEW	HONOLULU INTERNATIONAL AIRPORT, RUNWAY 8L WIDENING AND LIGHTING IMPROVEMENTS, OAHU										
			CONSTRUCTION	57,580	16,080	30,000	11,500							
			TOTAL	57,580	16,080	30,000	11,500							
			REVENUE BONDS	9,750		9,750								
			FEDERAL FUNDS	20,250		20,250								
			SPECIAL FUND	11,500			11,500							
			OTHER FUNDS	16,080	16,080									
A23S	11		NEW	HONOLULU INTERNATIONAL AIRPORT, AIRCRAFT APRON RECONSTRUCTION, OAHU										
			DESIGN	4,300		2,300		2,000						
			CONSTRUCTION	73,401			20,400		53,001					
			TOTAL	77,701		2,300	20,400	2,000	53,001					
			SPECIAL FUND	19,118					19,118					
			REVENUE BONDS	30,582		2,300	20,400	2,000	5,882					
			OTHER FUNDS	28,000					28,000					
			FEDERAL FUNDS	1					1					

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PROGRAM ID

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PROGRAM TITLE

TRN-102

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE			BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23		
A23T	40		NEW	HONOLULU INTERNATIONAL AIRPORT, TAXIWAY LIGHT IMPROVEMENTS, OAHU											
			DESIGN	500				500							
			CONSTRUCTION	4,000					4,000						
			TOTAL	4,500				500	4,000						
			REVENUE BONDS	4,500				500	4,000						
A24C	12		REPLACEMENT	HONOLULU INTERNATIONAL AIRPORT, PEDESTRIAN BRIDGE REPLACEMENT AND/OR REHABILITATION, OAHU											
			CONSTRUCTION	42,850	12,000	3,000	17,850	10,000							
			TOTAL	42,850	12,000	3,000	17,850	10,000							
			REVENUE BONDS	42,850	12,000	3,000	17,850	10,000							
A26B	13		NEW	HONOLULU INTERNATIONAL AIRPORT, RE-ROOF T-H ANGAR, OAHU											
			DESIGN	500		500									
			TOTAL	500		500									
			REVENUE BONDS	500		500									
A30B	23		REPLACEMENT	HONOLULU INTERNATIONAL AIRPORT, 400 HERTZ GROUND POWER UNIT UPGRADE, OAHU											
			DESIGN	850			850								
			CONSTRUCTION	10,000				10,000							
			TOTAL	10,850			850	10,000							
			REVENUE BONDS	10,850			850	10,000							

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030101

PROGRAM TITLE

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		PROJECT TOTAL	PRIOR YRS	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	SUCCEED YEARS
A35E	19		OTHER	HONOLULU INTERNATIONAL AIRPORT, ROADWAY/TERMINAL SIGNAGE IMPROVEMENTS, OAHU												
			DESIGN			1,000				1,000						
			CONSTRUCTION			35,000	15,000	15,000		5,000						
			TOTAL			36,000	15,000	15,000		6,000						
			REVENUE BONDS			36,000	15,000	15,000		6,000						
A36A	17		NEW	HONOLULU INTERNATIONAL AIRPORT, HEAVY EQUIPMENT GARAGE, OAHU												
			CONSTRUCTION			765		765								
			TOTAL			765		765								
			REVENUE BONDS			765		765								
A37H	24		NEW	HONOLULU INTERNATIONAL AIRPORT, LOADING BRIDGE PRE-CONDITIONED AIR INSTALLATION, OAHU												
			DESIGN			638		638								
			CONSTRUCTION			15,000				15,000						
			TOTAL			15,638		638		15,000						
A41A	15		ADDITION	HONOLULU INTERNATIONAL AIRPORT, AUTOMATED PASSPORT CONTROL KIOSK INSTALLATION, OAHU												
			CONSTRUCTION			425		425								
			TOTAL			425		425								
			REVENUE BONDS			425		425								

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-102

030101

HONOLULU INTERNATIONAL AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE										SUCCEED YEARS			
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
A41B	14		RENOVATION	HONOLULU INTERNATIONAL AIRPORT, TERMINAL IMPROVEMENTS AT GATES 29 AND 34, OAHU													
			CONSTRUCTION		30,000						30,000						
			TOTAL		30,000						30,000						
			REVENUE BONDS		30,000						30,000						
A41F	25		RENOVATION	HONOLULU INTERNATIONAL AIRPORT, TICKET LOBBY IMPROVEMENTS, OAHU													
			DESIGN		19,800	2,800		17,000									
			CONSTRUCTION		189,245	19,245				170,000							
			TOTAL		209,045	22,045		17,000		170,000							
			REVENUE BONDS		201,000	14,000		17,000		170,000							
			SPECIAL FUND		8,045	8,045											
A41N	47		RENOVATION	HONOLULU INTERNATIONAL AIRPORT, TERMINAL MODERNIZATION, OAHU													
			PLANS		1,000	1,000											
			DESIGN		22,150	19,500				2,650							
			CONSTRUCTION		24,500							24,500					
			TOTAL		47,650	20,500				2,650		24,500					
			REVENUE BONDS		39,650	12,500				2,650		24,500					
			SPECIAL FUND		8,000	8,000											
A41Q	2		NEW	HONOLULU INTERNATIONAL AIRPORT, NEW MAUKA CONCOURSE IMPROVEMENTS, OAHU													
			DESIGN		14,104	12,104		2,000									
			CONSTRUCTION		927,598	889,648		37,950									
			TOTAL		941,702	901,752		39,950									
			REVENUE BONDS		941,702	901,752		39,950									

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-102

030101

HONOLULU INTERNATIONAL AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
A41R	24		NEW	HONOLULU INTERNATIONAL AIRPORT, DIAMOND HEAD CONCOURSE IMPROVEMENTS, OAHU										
			DESIGN	15,480	15,480									
			CONSTRUCTION	43,220	37,220	6,000								
			TOTAL	58,700	52,700	6,000								
			REVENUE BONDS	58,700	52,700	6,000								
A41S	17		OTHER	HONOLULU INTERNATIONAL AIRPORT, PROGRAM MANAGEMENT, OAHU										
			DESIGN	112,567	97,567	15,000								
			TOTAL	112,567	97,567	15,000								
			REVENUE BONDS	112,567	97,567	15,000								
A41Z	17		NEW	HONOLULU INTERNATIONAL AIRPORT, BAGGAGE HANDLING SYSTEM IMPROVEMENTS, OAHU										
			DESIGN	5,000		5,000								
			CONSTRUCTION	59,000			34,000	25,000						
			TOTAL	64,000		5,000	34,000	25,000						
			REVENUE BONDS	64,000		5,000	34,000	25,000						
PROGRAM TOTALS														
			PLANS	7,702	2,502	200		5,000						
			LAND	25,000	25,000									
			DESIGN	290,004	222,216	34,150	22,488	11,150						
			CONSTRUCTION	3,149,195	2,425,199	72,000	221,495	329,000	101,501					
			TOTAL	3,471,901	2,674,917	106,350	243,983	345,150	101,501					
			SPECIAL FUND	218,464	175,346		24,000		19,118					
			REVENUE BONDS	2,727,546	2,036,932	85,550	214,532	336,150	54,382					
			OTHER FUNDS	228,995	200,995				28,000					
			FEDERAL FUNDS	296,896	261,644	20,800	5,451	9,000	1					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030102

PROGRAM TITLE

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS	
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		FY 21-22
A71E	36		NEW	KALAELOA AIRPORT, UTILITY SYSTEM		IMPROVEMENTS, OAHU								
			DESIGN	638			638							
			CONSTRUCTION	13,940	3,940			10,000						
			TOTAL	14,578	3,940		638	10,000						
			SPECIAL FUND	315	315									
			REVENUE BONDS	10,638			638	10,000						
			FEDERAL FUNDS	3,625	3,625									
A71G	37		NEW	KALAELOA AIRPORT, CONSTRUCT T-HANGARS, OAHU										
			CONSTRUCTION	8,000				8,000						
			TOTAL	8,000				8,000						
			REVENUE BONDS	8,000				8,000						
A71H	43		REPLACEMENT	KALAELOA AIRPORT, RUNWAY LIGHTING SYSTEM		IMPROVEMENTS, OAHU								
			DESIGN	300				300						
			CONSTRUCTION	3,000					3,000					
			TOTAL	3,300				300	3,000					
			REVENUE BONDS	3,300				300	3,000					
A72C	53		REPLACEMENT	DILLINGHAM AIRFIELD, REPLACE UNIVERSAL		COMMUNICATIONS TOWER, OAHU								
			DESIGN	500				500						
			CONSTRUCTION	1,500					1,500					
			TOTAL	2,000				500	1,500					
			REVENUE BONDS	2,000				500	1,500					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-104

030102

GENERAL AVIATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
PROGRAM TOTALS													
			DESIGN	6,489	5,051		638	800					
			CONSTRUCTION	85,276	62,776			18,000	4,500				
			TOTAL	91,765	67,827		638	18,800	4,500				
			FEDERAL FUNDS	55,030	55,030								
			REVENUE BONDS	28,738	4,800		638	18,800	4,500				
			SPECIAL FUND	7,997	7,997								

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030103

PROGRAM TITLE

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		PROJECT TOTAL	PRIOR YRS	BUDGET PERIOD		FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	SUCCEED YEARS
B05B	4		NEW	HILO INTERNATIONAL AIRPORT, AIRFIELD IMPROVEMENTS, HAWAII														
			CONSTRUCTION			3,500				3,500								
			TOTAL			3,500				3,500								
			FEDERAL FUNDS			3,150				3,150								
			REVENUE BONDS			350				350								
B05C	42		RENOVATION	HILO INTERNATIONAL AIRPORT, AIRCRAFT APRON RECONSTRUCTION, HAWAII														
			DESIGN			400						400						
			CONSTRUCTION			4,800									4,800			
			TOTAL			5,200						400			4,800			
			REVENUE BONDS			5,200						400			4,800			
B10I	22		NEW	HILO INTERNATIONAL AIRPORT, TERMINAL IMPROVEMENTS, HAWAII														
			DESIGN			255				255								
			CONSTRUCTION			7,300						7,300						
			TOTAL			7,555						255			7,300			
			REVENUE BONDS			7,555						255			7,300			
B10N	13		OTHER	HILO INTERNATIONAL AIRPORT, NOISE ATTENUATION FOR KEAUKAHA SUBDIVISION, HAWAII														
			PLANS			250		250										
			DESIGN			5,750		5,750										
			CONSTRUCTION			14,300		11,700				2,600						
			TOTAL			20,300		17,700				2,600						
			FEDERAL FUNDS			16,262		14,262				2,000						
			REVENUE BONDS			3,438		2,838				600						
			SPECIAL FUND			600		600										

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-111

030103

HILO INTERNATIONAL AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
B10Z	C10		NEW	HILO INTERNATIONAL AIRPORT, WEST RAMP				DEMOLITION AND SITE IMPROVEMENTS, HAWAII						
			DESIGN	300		300								
			CONSTRUCTION	3,052			3,052							
			TOTAL	3,352		300	3,052							
			REVENUE BONDS	3,352		300	3,052							
B11C	26		RENOVATION	HILO INTERNATIONAL AIRPORT, ARCADE				IMPROVEMENTS, HAWAII						
			DESIGN	1,500				1,500						
			TOTAL	1,500				1,500						
			REVENUE BONDS	1,500				1,500						
PROGRAM TOTALS														
			PLANS	250	250									
			LAND	2,500	2,500									
			DESIGN	16,334	13,879	300	255	1,900						
			CONSTRUCTION	175,216	153,964	3,500	3,052	9,900	4,800					
			TOTAL	194,300	170,593	3,800	3,307	11,800	4,800					
			SPECIAL FUND	68,249	68,249									
			REVENUE BONDS	51,980	33,423	650	3,307	9,800	4,800					
			OTHER FUNDS	4,125	4,125									
			FEDERAL FUNDS	69,946	64,796	3,150		2,000						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-114

030104

KONA INTERNAT'L AIRPORT AT KE'AHOLE

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23			
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17							
C03D	5		NEW	KONA INTERNATIONAL AIRPORT AT KEAHOLE,				REGIONAL ARFF TRAINING FACILITY, HAWAII						
			DESIGN	5,000		5,000								
			CONSTRUCTION	50,600			50,600							
			TOTAL	55,600		5,000	50,600							
			REVENUE BONDS	35,600		5,000	30,600							
			FEDERAL FUNDS	20,000			20,000							
C03E	48		ADDITION	KONA INTERNATIONAL AIRPORT AT KEAHOLE,				EMERGENCY GENERATOR UPGRADE, HAWAII						
			DESIGN	500				500						
			CONSTRUCTION	3,000					3,000					
			TOTAL	3,500				500	3,000					
			REVENUE BONDS	3,500				500	3,000					
C03F	54		NEW	KONA INTERNATIONAL AIRPORT AT KEAHOLE, ARFF				EMERGENCY OPERATIONS COMMAND CENTER, HAWAII						
			DESIGN	75				75						
			CONSTRUCTION	375					375					
			TOTAL	450				75	375					
			REVENUE BONDS	450				75	375					
C06A	13		NEW	KONA INTERNATIONAL AIRPORT AT KEAHOLE,				GENERAL AVIATION SUBDIVISION, HAWAII						
			CONSTRUCTION	18,075			18,075							
			TOTAL	18,075			18,075							
			SPECIAL FUND	12,825			12,825							
			REVENUE BONDS	5,249			5,249							
			FEDERAL FUNDS	1			1							

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-114

030104

KONA INTERNAT'L AIRPORT AT KE'AHOLE

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
C10F	3		REPLACEMENT	KONA INTERNATIONAL AIRPORT AT KEAHOE,				PERIMETER FENCE REPLACEMENT, HAWAII						
			DESIGN	255			255							
			CONSTRUCTION	1,501				1,501						
			TOTAL	1,756			255	1,501						
			SPECIAL FUND	1,359				1,359						
			FEDERAL FUNDS	1				1						
			REVENUE BONDS	396			255	141						
C10G	9		NEW	KONA INTERNATIONAL AIRPORT AT KEAHOE,				AGRICULTURAL INSPECTION STATION, HAWAII						
			DESIGN	750				750						
			CONSTRUCTION	8,000					8,000					
			TOTAL	8,750				750	8,000					
			REVENUE BONDS	8,750				750	8,000					
C10H	21		RENOVATION	KONA INTERNATIONAL AIRPORT AT KEAHOE,				RESTROOM RENOVATION, HAWAII						
			DESIGN	600				600						
			TOTAL	600				600						
			REVENUE BONDS	600				600						
P16013	6		NEW	KONA INTERNATIONAL AIRPORT AT KEAHOE,				FEDERAL INSPECTION STATION, HAWAII						
			PLANS	1		1								
			DESIGN	2,499		2,499								
			CONSTRUCTION	100,000			50,000	50,000						
			TOTAL	102,500		2,500	50,000	50,000						
			REVENUE BONDS	50,000			50,000							
			G.O. BONDS	52,500		2,500		50,000						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-114

030104

KONA INTERNAT'L AIRPORT AT KE'AHOLE

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
PROGRAM TOTALS														
			PLANS	1,501	1,500	1								
			DESIGN	47,853	38,174	7,499	255	1,925						
			CONSTRUCTION	418,473	236,922		118,675	51,501	11,375					
			TOTAL	467,827	276,596	7,500	118,930	53,426	11,375					
			G.O. BONDS	55,500	3,000	2,500		50,000						
			OTHER FUNDS	7,124	7,124									
			REVENUE BONDS	308,908	204,363	5,000	86,104	2,066	11,375					
			FEDERAL FUNDS	46,343	26,341		20,001	1						
			SPECIAL FUND	49,952	35,768		12,825	1,359						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030105

PROGRAM TITLE

TRN-116

030105

WAIMEA-KOHALA AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
PROGRAM TOTALS														
			PLANS	220	220									
			LAND	600	600									
			DESIGN	495	495									
			CONSTRUCTION	3,500	3,500									
			TOTAL	4,815	4,815									
			FEDERAL FUNDS	4,429	4,429									
			REVENUE BONDS	30	30									
			SPECIAL FUND	356	356									

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-118

030106

UPOLU AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
C82A	52		RENOVATION	UPOLU AIRPORT, AIRPORT IMPROVEMENTS, HAWAII										
			DESIGN	25				25						
			CONSTRUCTION	1,000					1,000					
			TOTAL	1,025				25	1,000					
			REVENUE BONDS	1,025				25	1,000					
PROGRAM TOTALS														
			DESIGN	25				25						
			CONSTRUCTION	1,000					1,000					
			TOTAL	1,025				25	1,000					
			REVENUE BONDS	1,025				25	1,000					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-131

030107

KAHULUI AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
D04D	C7		OTHER	KAHULUI AIRPORT, TERMINAL IMPROVEMENTS, MAUI										
			DESIGN	1,705	905	800								
			CONSTRUCTION	40,295	33,495		6,800							
			TOTAL	42,000	34,400	800	6,800							
			REVENUE BONDS	42,000	34,400	800	6,800							
D04T	18		RENOVATION	KAHULUI AIRPORT, HOLDROOM AND GATE IMPROVEMENTS, MAUI										
			DESIGN	7,773			6,800	973						
			CONSTRUCTION	38,325				28,600	9,725					
			TOTAL	46,098			6,800	29,573	9,725					
			REVENUE BONDS	46,098			6,800	29,573	9,725					
D04V	23		RENOVATION	KAHULUI AIRPORT, RESTROOM RECONSTRUCTION, MAUI										
			DESIGN	900		900								
			CONSTRUCTION	11,610	6,000		5,610							
			TOTAL	12,510	6,000	900	5,610							
			REVENUE BONDS	12,510	6,000	900	5,610							
D04W	15		RENOVATION	KAHULUI AIRPORT, INBOUND BAGGAGE HANDLING SYSTEM IMPROVEMENTS, MAUI										
			DESIGN	213			213							
			CONSTRUCTION	10,500				10,500						
			TOTAL	10,713			213	10,500						
			REVENUE BONDS	10,713			213	10,500						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-131

030107

KAHULUI AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE			BUDGET PERIOD							SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
D04X	16		RENOVATION	KAHULUI AIRPORT, COMMON USE PASSENGER			PROCESSING SYSTEM UPGRADE, MAUI							
			CONSTRUCTION	1,300				1,300						
			TOTAL	1,300				1,300						
			REVENUE BONDS	1,300				1,300						
D04Y	41		NEW	KAHULUI AIRPORT, AIRPORT IMPROVEMENTS, MAUI										
			DESIGN	1,600				1,600						
			CONSTRUCTION	9,900				1,500	8,400					
			TOTAL	11,500				3,100	8,400					
			REVENUE BONDS	11,500				3,100	8,400					
D08Q	15		REPLACEMENT	KAHULUI AIRPORT, NEW SEWAGE LIFT/PUMP			STATION, MAUI							
			CONSTRUCTION	3,300		3,300								
			TOTAL	3,300		3,300								
			REVENUE BONDS	3,300		3,300								
D08R	29		NEW	KAHULUI AIRPORT, LEASE LOTS, MAUI										
			DESIGN	1,275			1,275							
			CONSTRUCTION	64,000				64,000						
			TOTAL	65,275			1,275	64,000						
			REVENUE BONDS	65,275			1,275	64,000						

STATE OF HAWAII

PROGRAM ID **TRN-131**PROGRAM STRUCTURE NO. **030107**PROGRAM TITLE **KAHULUI AIRPORT**

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE										
				PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET FY 17-18	PERIOD FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	SUCCEED YEARS
PROGRAM TOTALS														
PLANS				7,775	7,775									
LAND				85,500	85,500									
DESIGN				51,171	38,610	1,700	8,288	2,573						
CONSTRUCTION				976,690	836,955	3,300	12,410	105,900	18,125					
TOTAL				1,121,136	968,840	5,000	20,698	108,473	18,125					
REVENUE BONDS				689,925	537,629	5,000	20,698	108,473	18,125					
FEDERAL FUNDS				116,964	116,964									
G.O. BONDS REP				320	320									
OTHER FUNDS				140,593	140,593									
SPECIAL FUND				173,334	173,334									

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-133

030108

HANA AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE				BUDGET PERIOD							SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23		
D20B	22		NEW	HANA AIRPORT, PART 139 IMPROVEMENTS, MAUI											
			PLANS	220	220										
			DESIGN	495	495										
			CONSTRUCTION	24,242	9,850	2,079	12,313								
			TOTAL	24,957	10,565	2,079	12,313								
			REVENUE BONDS	2,292	1,040	189	1,063								
			FEDERAL FUNDS	22,309	9,169	1,890	11,250								
			SPECIAL FUND	356	356										
D20C			NEW	HANA AIRPORT, MAUI											
			DESIGN	2,000	1,000	1,000									
			CONSTRUCTION	36,000	18,000	18,000									
			TOTAL	38,000	19,000	19,000									
			REVENUE BONDS	38,000	19,000	19,000									
D20D	51		RENOVATION	HANA AIRPORT, BASEYARD RENOVATION, MAUI											
			DESIGN	500				500							
			CONSTRUCTION	1,500					1,500						
			TOTAL	2,000				500	1,500						
			REVENUE BONDS	2,000				500	1,500						
PROGRAM TOTALS															
			PLANS	220	220										
			DESIGN	2,995	1,495	1,000		500							
			CONSTRUCTION	61,742	27,850	20,079	12,313					1,500			
			TOTAL	64,957	29,565	21,079	12,313	500	1,500						
			REVENUE BONDS	42,292	20,040	19,189	1,063	500	1,500						
			SPECIAL FUND	356	356										
			FEDERAL FUNDS	22,309	9,169	1,890	11,250								

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-135

030109

KAPALUA AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
				COST	ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
D308	45		RENOVATION	KAPALUA AIRPORT, WATER TANK IMPROVEMENTS,		MAUI								
			DESIGN		500			500						
			CONSTRUCTION		1,500				1,500					
			TOTAL		2,000			500	1,500					
			REVENUE BONDS		2,000			500	1,500					
PROGRAM TOTALS														
			PLANS		1	1								
			DESIGN		501	1		500						
			CONSTRUCTION		1,610	110			1,500					
			EQUIPMENT		1	1								
			TOTAL		2,113	113		500	1,500					
			REVENUE BONDS		2,113	113		500	1,500					

STATE OF HAWAII

PROGRAM ID TRN-141

PROGRAM STRUCTURE NO. 030110

PROGRAM TITLE MOLOKAI AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT 878

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
D55G	5		RENOVATION	MOLOKAI AIRPORT, RUNWAY 17-35 IMPROVEMENTS, MOLOKAI										
			DESIGN	200		200								
			CONSTRUCTION	3,001			3,001							
			TOTAL	3,201		200	3,001							
			SPECIAL FUND	3,000			3,000							
			FEDERAL FUNDS	1			1							
			REVENUE BONDS	200		200								
D55H	49		NEW	MOLOKAI AIRPORT, TERMINAL AND UTILITY IMPROVEMENTS, MOLOKAI										
			DESIGN	1,000				1,000						
			CONSTRUCTION	6,250					6,250					
			TOTAL	7,250				1,000	6,250					
			REVENUE BONDS	7,250				1,000	6,250					
PROGRAM TOTALS														
			DESIGN	1,910	710	200		1,000						
			CONSTRUCTION	22,636	13,385		3,001		6,250					
			TOTAL	24,546	14,095	200	3,001	1,000	6,250					
			SPECIAL FUND	3,800	800		3,000							
			REVENUE BONDS	9,264	1,814	200		1,000	6,250					
			FEDERAL FUNDS	11,482	11,481		1							

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-143

030111

KALAUPAPA AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
D60C	44		NEW	KALAUPAPA AIRPORT, AIRPORT IMPROVEMENTS, MOLOKAI										
			CONSTRUCTION	4,500					4,500					
			TOTAL	4,500					4,500					
			REVENUE BONDS	4,500					4,500					
PROGRAM TOTALS														
			PLANS	220	220									
			DESIGN	495	495									
			CONSTRUCTION	8,000	3,500				4,500					
			TOTAL	8,715	4,215				4,500					
			SPECIAL FUND	356	356									
			FEDERAL FUNDS	3,859	3,859									
			REVENUE BONDS	4,500					4,500					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030112

PROGRAM TITLE

TRN-151

LANAI AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE					BUDGET PERIOD					SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
D70I	29		RENOVATION	LANAI AIRPORT, AIRPORT ROAD AND PARKING LOT IMPROVEMENTS, LANAI										
			CONSTRUCTION	1,275			1,275							
			TOTAL	1,275			1,275							
			REVENUE BONDS	1,275			1,275							
D70J	24		NEW	LANAI AIRPORT, RUNWAY 3-21 EXTENSION, LANAI										
			CONSTRUCTION	4,000			4,000							
			TOTAL	4,000			4,000							
			PRIVATE CONTRI SPECIAL FUND	3,995 5			3,995 5							
D70K	38		NEW	LANAI AIRPORT, RESTROOM FACILITIES, LANAI										
			CONSTRUCTION	1,000				1,000						
			TOTAL	1,000				1,000						
			REVENUE BONDS	1,000				1,000						
D70L	50		RENOVATION	LANAI AIRPORT, BASEYARD RENOVATION, LANAI										
			DESIGN	500				500						
			CONSTRUCTION	1,500					1,500					
			TOTAL	2,000				500	1,500					
			REVENUE BONDS	2,000				500	1,500					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-151

030112

LANAI AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT 878

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
PROGRAM TOTALS													
			DESIGN		690	190			500				
			CONSTRUCTION		56,823	49,048		5,275	1,000	1,500			
			TOTAL		57,513	49,238		5,275	1,500	1,500			
			PRIVATE CONTRI		4,171	176		3,995					
			FEDERAL FUNDS		43,664	43,664							
			SPECIAL FUND		2,920	2,915		5					
			REVENUE BONDS		6,758	2,483		1,275	1,500	1,500			

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030113

PROGRAM TITLE

TRN-161

030113

LIHUE AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
E02B	39		NEW	LIHUE AIRPORT, LAND ACQUISITION, KAUAI										
			PLANS	350				350						
			LAND	20,944				20,944						
			TOTAL	21,294				21,294						
			SPECIAL FUND	9,294				9,294						
			OTHER FUNDS	12,000				12,000						
E030	8		OTHER	LIHUE AIRPORT, AHUKINI LANDFILL RESTORATION, KAUAI										
			DESIGN	425			425							
			CONSTRUCTION	7,984	4,484			3,500						
			TOTAL	8,409	4,484		425	3,500						
			SPECIAL FUND	1,200	1,200									
			REVENUE BONDS	7,209	3,284		425	3,500						
E03T	7		RENOVATION	LIHUE AIRPORT, TERMINAL SIDING AND SKYLIGHT IMPROVEMENTS, KAUAI										
			DESIGN	298			298							
			TOTAL	298			298							
			REVENUE BONDS	298			298							
E03U	27		RENOVATION	LIHUE AIRPORT, TICKET LOBBY AND HOLDROOM IMPROVEMENTS, KAUAI										
			DESIGN	2,833	810		400	1,623						
			CONSTRUCTION	32,935	8,290		8,420		16,225					
			TOTAL	35,768	9,100		8,820	1,623	16,225					
			FEDERAL FUNDS	1			1							
			SPECIAL FUND	6,600			6,600							
			REVENUE BONDS	29,167	9,100		2,219	1,623	16,225					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-161

030113

LIHUE AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT 878

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS	
				COST	ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20		FY 20-21
E10B	6		RENOVATION	LIHUE AIRPORT, AIRFIELD IMPROVEMENTS, KAUAI										
			DESIGN	2,410	2,410									
			CONSTRUCTION	41,590	21,590	20,000								
			TOTAL	44,000	24,000	20,000								
			REVENUE BONDS	8,945	3,480	5,465								
			FEDERAL FUNDS	35,055	20,520	14,535								
E10C	22		NEW	LIHUE AIRPORT, MASTER PLAN UPDATE, KAUAI										
			PLANS	1,500		1,500								
			TOTAL	1,500		1,500								
			SPECIAL FUND	1,500		1,500								
PROGRAM TOTALS														
			PLANS	1,850		1,500	350							
			LAND	38,044	17,100		20,944							
			DESIGN	9,073	6,327		1,623							
			CONSTRUCTION	182,618	134,473	20,000	8,420	3,500	16,225					
			TOTAL	231,585	157,900	20,000	11,043	26,417	16,225					
			FEDERAL FUNDS	79,671	65,135	14,535	1							
			SPECIAL FUND	69,153	51,759		8,100	9,294						
			OTHER FUNDS	17,095	5,095			12,000						
			REVENUE BONDS	65,666	35,911	5,465	2,942	5,123	16,225					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-163

030114

PORT ALLEN AIRPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
E51A	46		RENOVATION	PORT ALLEN AIRPORT, SECURITY FENCE				IMPROVEMENTS, KAUAI						
			CONSTRUCTION	1,500				1,500						
			TOTAL	1,500				1,500						
			REVENUE BONDS	1,500				1,500						
PROGRAM TOTALS														
			CONSTRUCTION	1,500				1,500						
			TOTAL	1,500				1,500						
			REVENUE BONDS	1,500				1,500						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-195

030115

AIRPORTS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
F04J	33		OTHER	AIRPORT PLANNING STUDY, STATEWIDE										
			PLANS	18,350	13,700	1,000	1,000	1,650	1,000					
			TOTAL	18,350	13,700	1,000	1,000	1,650	1,000					
			FEDERAL FUNDS	400	400									
			SPECIAL FUND	17,950	13,300	1,000	1,000	1,650	1,000					
F04P	14		NEW	AIRPORT LAYOUT PLAN, STATEWIDE										
			PLANS	4,001	2,000	2,000	1							
			TOTAL	4,001	2,000	2,000	1							
			FEDERAL FUNDS	1,501	1,500		1							
			SPECIAL FUND	2,500	500	2,000								
F05A	10		NEW	FIRE ALARM SYSTEM IMPROVEMENTS, STATEWIDE										
			DESIGN	2,000				2,000						
			CONSTRUCTION	23,000	3,000						20,000			
			TOTAL	25,000	3,000			2,000			20,000			
			REVENUE BONDS	22,000										
			FEDERAL FUNDS	2,000	2,000			2,000			20,000			
			SPECIAL FUND	1,000	1,000									
F05I	2		RENOVATION	AIRFIELD IMPROVEMENTS, STATEWIDE										
			DESIGN	13,002	4,000	1,000	1,000	3,501	3,501					
			CONSTRUCTION	188,101	129,100	11,000	11,000							
			TOTAL	201,103	133,100	12,000	12,000	3,501	40,502					
			OTHER FUNDS	85,000	85,000									
			SPECIAL FUND	71,100	18,100	4,500	4,500	3,500	40,500					
			FEDERAL FUNDS	45,003	30,000	7,500	7,500	1	2					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-195

030115

AIRPORTS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT 878

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
F05J	31		RENOVATION	AIRPORT IMPROVEMENTS, STATEWIDE										
			PLANS	550	550									
			LAND	13,290	13,290									
			DESIGN	5,615	5,615									
			CONSTRUCTION	119,944	112,744			7,200						
			TOTAL	139,399	132,199			7,200						
			OTHER FUNDS	139,399	132,199			7,200						
F05K	5		NEW	RUNWAY SAFETY AREA IMPROVEMENTS, STATEWIDE										
			DESIGN	2,000				2,000						
			CONSTRUCTION	6,000	6,000									
			TOTAL	8,000	6,000			2,000						
			FEDERAL FUNDS	5,000	5,000									
			SPECIAL FUND	3,000	1,000			2,000						
F05L	21		NEW	RENTAL CAR FACILITY IMPROVEMENTS, STATEWIDE										
			PLANS	1,000	1,000									
			LAND	29,000	17,000	12,000								
			DESIGN	19,100	19,100									
			CONSTRUCTION	940,650	736,700	203,950								
			TOTAL	989,750	773,800	215,950								
			REVENUE BONDS	749,139	620,000	129,139								
			OTHER FUNDS	153,800	153,800									
			SPECIAL FUND	86,811		86,811								

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-195

030115

AIRPORTS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT 878

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	
F05Q	18		NEW	FIBER OPTIC INSTALLATION, STATEWIDE										
			DESIGN	298			298							
			TOTAL	298			298							
			REVENUE BONDS	298			298							
F08F	1		OTHER	AIRPORTS DIVISION CAPITAL IMPROVEMENT PROGRAM PROJECT STAFF COSTS, STATEWIDE										
			PLANS	5,601	2,951	275	275	300	300	300	300	300	300	300
			DESIGN	22,762	9,262	1,325	1,500	1,525	1,525	1,525	1,525	1,525	1,525	1,525
			CONSTRUCTION	38,865	19,490	1,825	2,150	2,200	2,200	2,200	2,200	2,200	2,200	2,200
			TOTAL	67,228	31,703	3,425	3,925	4,025	4,025	4,025	4,025	4,025	4,025	4,025
			OTHER FUNDS	2,025	900	125	125	125	125	125	125	125	125	125
SPECIAL FUND	65,203	30,803	3,300	3,800	3,900	3,900	3,900	3,900	3,900	3,900	3,900			
F08G	32		OTHER	MISCELLANEOUS AIRPORT PROJECTS, STATEWIDE										
			DESIGN	13,800	9,800	1,000	1,000	1,000	1,000					
			CONSTRUCTION	46,200	36,200	2,500	2,500	2,500	2,500					
			TOTAL	60,000	46,000	3,500	3,500	3,500	3,500					
SPECIAL FUND	60,000	46,000	3,500	3,500	3,500	3,500								
F080	34		OTHER	CONSTRUCTION MANAGEMENT SUPPORT, STATEWIDE										
			CONSTRUCTION	6,900	2,900	1,000	1,000	1,000	1,000					
			TOTAL	6,900	2,900	1,000	1,000	1,000	1,000					
			SPECIAL FUND	6,900	2,900	1,000	1,000	1,000	1,000					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-195

030115

AIRPORTS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE				BUDGET PERIOD					SUCCEED YEARS	
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		FY 21-22
F08P	4		NEW	STORMWATER PERMIT COMPLIANCE, STATEWIDE										
			PLANS	600	600									
			DESIGN	500	500									
			CONSTRUCTION	15,946	13,946			2,000						
			TOTAL	17,046	15,046			2,000						
			FEDERAL FUNDS	4,992	4,992									
			SPECIAL FUND	7,600	7,600									
			REVENUE BONDS	4,454	2,454			2,000						
F08Y	35		OTHER	PROGRAM MANAGEMENT, STATEWIDE										
			DESIGN	10,350	6,000	1,500	850	1,000	1,000					
			TOTAL	10,350	6,000	1,500	850	1,000	1,000					
			REVENUE BONDS	10,350	6,000	1,500	850	1,000	1,000					
P16014			NEW	FEASIBILITY STUDY FOR SMALL COMMERCIAL AIRPORT, HAWAII										
			PLANS	50		50								
			TOTAL	50		50								
			REVENUE BONDS	50		50								
P17024			NEW	PROJECT ADJUSTMENT FUND, STATEWIDE										
			PLANS	17,212		17,212								
			TOTAL	17,212		17,212								
			REVENUE BONDS	17,212		17,212								

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-195

030115

AIRPORTS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT 878

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS
				COST	ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	
PROGRAM TOTALS													
			PLANS	80,009	53,446	3,325	18,488	1,950	1,300	300	300	300	300
			LAND	353,349	341,349	12,000							
			DESIGN	115,403	80,253	4,825	4,648	11,026	7,026	1,525	1,525	1,525	1,525
			CONSTRUCTION	1,807,536	1,482,010	220,275	16,650	14,900	62,701	2,200	2,200	2,200	2,200
			TOTAL	2,356,297	1,957,058	240,425	39,786	27,876	71,027	4,025	4,025	4,025	4,025
			FEDERAL FUNDS	152,329	137,325	7,500	7,501	1	2				
			SPECIAL FUND	430,916	230,055	102,111	13,800	15,550	49,900	3,900	3,900	3,900	3,900
			OTHER FUNDS	411,324	402,999	125	125	7,325	125	125	125	125	125
			REVENUE BONDS	1,361,728	1,186,679	130,689	18,360	5,000	21,000				

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030201

PROGRAM TITLE

TRN-301

030201

HONOLULU HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23
J42	01		NEW	MODERNIZATION PROGRAM-KAPALAMA MILITARY		RESERVATION IMPRVMENTS, HONOLULU HARBOR, OAHU							
			PLANS	1,000	500	500							
			DESIGN	63,501	54,000	1,500	8,001						
			CONSTRUCTION	1,045,601	405,600	248,000	392,001						
			TOTAL	1,110,102	460,100	250,000	400,002						
			OTHER FEDERAL	50,000			50,000						
			REVENUE BONDS	1,060,100	460,100	250,000	350,000						
			PRIVATE CONTRI	2			2						
J45	06		NEW	PIER 1 AND 2 IMPROVEMENTS, HONOLULU HARBOR, OAHU									
			DESIGN	480			480						
			CONSTRUCTION	8,000			8,000						
			TOTAL	8,480			8,480						
			REVENUE BONDS	8,480			8,480						
J46	10		RENOVATION	IMPROVEMENTS TO HARBORS DIVISION BUILDINGS		AND ASSOCIATED FACILITIES, HNL HARBOR, OAHU							
			DESIGN	1,501			1,501						
			CONSTRUCTION	25,001			25,001						
			TOTAL	26,502			26,502						
			REVENUE BONDS	26,500			26,500						
			PRIVATE CONTRI	2			2						
J47	07		NEW	IMPROVEMENTS TO ALOHA TOWER AND ALOHA TOWER		MARKETPLACE COMPLEX, HONOLULU HARBOR, OAHU							
			DESIGN	1,001			1,001						
			CONSTRUCTION	17,001			17,001						
			TOTAL	18,002			18,002						
			PRIVATE CONTRI	2			2						
			REVENUE BONDS	18,000			18,000						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-301

030201

HONOLULU HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE										SUCCEED YEARS		
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
J48	08		NEW	PIERS 16-19 IMPROVEMENTS, HONOLULU HARBOR, OAHU												
			DESIGN	181			181									
			CONSTRUCTION	3,001			3,001									
			TOTAL	3,182			3,182									
			PRIVATE CONTRI	2			2									
			SPECIAL FUND	3,180			3,180									
J50	03		NEW	MODERNIZATION PROGRAM - PIER 24-28 IMPROVEMENTS, HONOLULU HARBOR, OAHU												
			DESIGN	361			361									
			CONSTRUCTION	6,001			6,001									
			TOTAL	6,362			6,362									
			REVENUE BONDS	6,360			6,360									
			SPECIAL FUND	2			2									
P16015			NEW	HARDENING FOR DECKING BAYS AND PARKING AREAS AT PIERS 51B THROUGH 52, HONOLULU HARBOR, OAHU												
			PLANS	1		1										
			DESIGN	2		2										
			CONSTRUCTION	9,997		9,997										
			TOTAL	10,000		10,000										
			REVENUE BONDS	10,000		10,000										
PROGRAM TOTALS																
			PLANS	3,351	2,850	501										
			LAND	8,200	8,200											
			DESIGN	76,427	63,400	1,502	11,164	361								
			CONSTRUCTION	1,250,802	541,800	257,997	445,004	6,001								
			TOTAL	1,338,780	616,250	260,000	456,168	6,362								
			OTHER FEDERAL	50,000			50,000									
			REVENUE BONDS	1,204,240	534,900	260,000	402,980	6,360								
			PRIVATE CONTRI	7,408	7,400		8									
			FEDERAL FUNDS	3,000	3,000											
			SPECIAL FUND	74,132	70,950		3,180	2								

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-303

030202

KALAELOA BARBERS POINT HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT
IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-303

030202

KALAELOA BARBERS POINT HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT 878

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
J44	11		OTHER	FUEL PIER FACILITY IMPROVEMENTS, KALAELOA			BARBERS POINT HARBOR, OAHU							
			PLANS	2,500	1,500	1,000								
			DESIGN	12,801	9,800	3,000								
			CONSTRUCTION	50,001			50,001							
			TOTAL	65,302	11,300	4,000	50,002							
			REVENUE BONDS	65,300	11,300	4,000	50,000							
			PRIVATE CONTRI	2			2							
J49	04		NEW	INFRASTRUCTURE IMPROVEMENTS TO KALAELOA			BARBERS POINT HARBOR, OAHU							
			DESIGN	3,251			3,251							
			CONSTRUCTION	54,001			54,001							
			TOTAL	57,252			57,252							
			PRIVATE CONTRI	2			2							
			REVENUE BONDS	57,250			57,250							
PROGRAM TOTALS														
			PLANS	5,020	4,020	1,000								
			LAND	49,150	49,150									
			DESIGN	18,327	12,075	3,000	3,252							
			CONSTRUCTION	106,252	2,250		104,002							
			TOTAL	178,749	67,495	4,000	107,254							
			REVENUE BONDS	175,175	63,925	4,000	107,250							
			PRIVATE CONTRI	4			4							
			FEDERAL FUNDS	250	250									
			SPECIAL FUND	3,320	3,320									

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-311

030204

HILO HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
L17	05		NEW	DEMOLITION OF PIER 2 SHED AND WATER TOWER AND RELATED IMPROVEMENTS, HILO HARBOR, HAWAII										
			DESIGN	450			450							
			CONSTRUCTION	7,500			7,500							
			TOTAL	7,950			7,950							
			SPECIAL FUND	7,950			7,950							
PROGRAM TOTALS														
			PLANS	2,825	2,825									
			LAND	1,000	1,000									
			DESIGN	19,965	19,515		450							
			CONSTRUCTION	178,101	170,601		7,500							
			TOTAL	201,891	193,941		7,950							
			FEDERAL FUNDS	1	1									
			SPECIAL FUND	44,450	36,500		7,950							
			REVENUE BONDS	157,440	157,440									

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-313

030205

KAWAIHAE HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
L18	09		NEW	IMPROVEMENTS TO ACCESSWAYS INTO AND OUT OF KAWAIHAE HARBOR, HAWAII										
			DESIGN	240			240							
			CONSTRUCTION	4,000			4,000							
			TOTAL	4,240			4,240							
			SPECIAL FUND	4,240			4,240							
PROGRAM TOTALS														
			PLANS	1,600	1,600									
			DESIGN	17,741	17,501		240							
			CONSTRUCTION	98,452	94,452		4,000							
			TOTAL	117,793	113,553		4,240							
			SPECIAL FUND	13,540	9,300		4,240							
			REVENUE BONDS	104,250	104,250									
			FEDERAL FUNDS	3	3									

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-331

030206

KAHULUI HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE					BUDGET PERIOD					SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
M15	05		NEW	MODERNIZATION PROGRAM - KAHULUI HARBOR LAND ACQUISITION AND IMPROVEMENTS, MAUI										
			LAND	45,000	30,000	15,000								
			DESIGN	6,000	4,000	2,000								
			CONSTRUCTION	33,000	33,000									
			TOTAL	84,000	67,000	17,000								
			REVENUE BONDS	84,000	67,000	17,000								
M22	06		NEW	KAHULUI HARBOR IMPROVEMENTS, MAUI										
			PLANS	1,300	250	525	525							
			DESIGN	3,900	750	1,575	1,575							
			CONSTRUCTION	21,800	5,000	8,400	8,400							
			TOTAL	27,000	6,000	10,500	10,500							
			REVENUE BONDS	27,000	6,000	10,500	10,500							
PROGRAM TOTALS														
			PLANS	3,201	2,151	525	525							
			LAND	55,000	40,000	15,000								
			DESIGN	31,026	25,876	3,575	1,575							
			CONSTRUCTION	116,598	99,798	8,400	8,400							
			TOTAL	205,825	167,825	27,500	10,500							
			SPECIAL FUND	12,925	12,925									
			REVENUE BONDS	192,900	154,900	27,500	10,500							

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-361

030208

NAWILIWILI HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET FY 17-18	PERIOD FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	SUCCEED YEARS
				COST	ELEMENT/MOF											
K12	02		NEW	IMPROVEMENTS AT PIER 2 AND 3 AREAS,				NAWILIWILI HARBOR, KAUAI								
			DESIGN		711				210		501					
			CONSTRUCTION		10,501				3,500		7,001					
			TOTAL		11,212				3,710		7,502					
			SPECIAL FUND		2						2					
			REVENUE BONDS		11,210				3,710		7,500					
PROGRAM TOTALS																
			PLANS		675		675									
			DESIGN		1,906		1,195		210		501					
			CONSTRUCTION		19,483		8,982		3,500		7,001					
			TOTAL		22,064		10,852		3,710		7,502					
			SPECIAL FUND		2,754		2,752				2					
			REVENUE BONDS		19,310		8,100		3,710		7,500					

STATE OF HAWAII

PROGRAM ID

TRN-363

PROGRAM STRUCTURE NO. 030209

PROGRAM TITLE

PORT ALLEN HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT
IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
PROGRAM TOTALS														
			PLANS	1,000	1,000									
			DESIGN	500	500									
			CONSTRUCTION	3,000	3,000									
			TOTAL	4,500	4,500									
			SPECIAL FUND	4,500	4,500									

STATE OF HAWAII

PROGRAM ID

TRN-351

PROGRAM STRUCTURE NO.

030210

PROGRAM TITLE

KAUMALAPAU HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT
IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	
PROGRAM TOTALS														
			DESIGN	500	500									
			CONSTRUCTION	7,000	7,000									
			TOTAL	7,500	7,500									
			SPECIAL FUND	6,000	6,000									
			PRIVATE CONTRI	1,500	1,500									

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-395

030211

HARBORS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS	
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		FY 21-22
I01	06		OTHER	HARBOR PLANNING, STATEWIDE										
		PLANS	13,950	9,450	750	750	1,500	1,500						
		TOTAL	13,950	9,450	750	750	1,500	1,500						
		SPECIAL FUND	13,950	9,450	750	750	1,500	1,500						
I06	05		OTHER	ARCHITECTURAL AND ENGINEERING SUPPORT, STATEWIDE										
		PLANS	402	200	100	100	1	1						
		DESIGN	10,098	2,500	300	300	3,499	3,499						
		TOTAL	10,500	2,700	400	400	3,500	3,500						
		SPECIAL FUND	10,500	2,700	400	400	3,500	3,500						
I07	11		RENOVATION	ENVIRONMENTAL REMEDIATION OF COMMERCIAL HARBOR FACILITIES, STATEWIDE										
		PLANS	3,300	2,900	100	100	100	100						
		DESIGN	4,750	3,950	200	200	200	200						
		CONSTRUCTION	15,100	10,300	1,200	1,200	1,200	1,200						
		TOTAL	23,150	17,150	1,500	1,500	1,500	1,500						
		SPECIAL FUND	23,150	17,150	1,500	1,500	1,500	1,500						
I13	09		OTHER	CONSTRUCTION MANAGEMENT SUPPORT, STATEWIDE										
		CONSTRUCTION	10,200	8,200	500	500	500	500						
		TOTAL	10,200	8,200	500	500	500	500						
		SPECIAL FUND	10,200	8,200	500	500	500	500						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-395

030211

HARBORS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT 878

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	SUCCEED YEARS
			COST ELEMENT/MOF												
I15	08		OTHER	SECURITY IMPROVEMENTS AT COMMERCIAL HARBORS, STATEWIDE											
			PLANS		1,264	1,102	50	50	31	31					
			DESIGN		3,474	3,052	150	150	61	61					
			CONSTRUCTION		28,053	25,451	300	300	1,001	1,001					
			TOTAL		32,791	29,605	500	500	1,093	1,093					
			FEDERAL FUNDS		15,503	15,503									
			OTHER FEDERAL		4,006	4,000			3	3					
			SPECIAL FUND		13,282	10,102	500	500	1,090	1,090					
I20	10		NEW	MODERNIZATION PROGRAM - CONSTRUCTION											
			CONSTRUCTION		45,300	25,300	5,000	5,000	5,000	5,000					
			TOTAL		45,300	25,300	5,000	5,000	5,000	5,000					
			REVENUE BONDS		45,300	25,300	5,000	5,000	5,000	5,000					
I21	01		NEW	MODERNIZATION PROGRAM - HARBORS DIVISION CIP PROJECT STAFF COSTS, STATEWIDE											
			PLANS		27,771	10,301	1,735	1,735	2,000	2,000	2,000	2,000	2,000	2,000	2,000
			TOTAL		27,771	10,301	1,735	1,735	2,000	2,000	2,000	2,000	2,000	2,000	2,000
			REVENUE BONDS		27,771	10,301	1,735	1,735	2,000	2,000	2,000	2,000	2,000	2,000	2,000
I24	04		OTHER	COMMERCIAL HARBOR FACILITY IMPROVEMENTS, STATEWIDE											
			PLANS		2,502	750	425	425	451	451					
			DESIGN		5,002	1,500	850	850	901	901					
			CONSTRUCTION		57,202	12,750	7,225	7,225	15,001	15,001					
			TOTAL		64,706	15,000	8,500	8,500	16,353	16,353					
			REVENUE BONDS		49,700		8,500	8,500	16,350	16,350					
			SPECIAL FUND		15,006	15,000			3	3					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-395

030211

HARBORS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

PAGE 230

PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE				BUDGET PERIOD							SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23		
I25	03		NEW	IMPROVEMENTS TO CRUISE SHIP FACILITIES,				STATEWIDE							
			PLANS	150			150								
			DESIGN	301			301								
			CONSTRUCTION	5,001			5,001								
			TOTAL	5,452			5,452								
			SPECIAL FUND	5,450			5,450								
			PRIVATE CONTRI	2			2								
I26	12		NEW	COMMERCIAL HARBOR ENVIRONMENTAL RETROFITS,				STATEWIDE							
			PLANS	100				100							
			DESIGN	400					400						
			TOTAL	500				100	400						
			SPECIAL FUND	500				100	400						
P16016			NEW	RELOCATION OF "I HEART RADIO" AERIAL, OAHU											
			PLANS	1			1								
			DESIGN	1			1								
			CONSTRUCTION	4,998			4,998								
			TOTAL	5,000			5,000								
			G.O. BONDS	5,000			5,000								
PROGRAM TOTALS															
			PLANS	62,666	37,929	3,161	3,310	4,183	4,083	2,000	2,000	2,000	2,000	2,000	
			DESIGN	33,848	20,824	1,501	1,801	4,661	5,061						
			CONSTRUCTION	248,484	164,631	19,223	19,226	22,702	22,702						
			TOTAL	344,998	223,384	23,885	24,337	31,546	31,846	2,000	2,000	2,000	2,000	2,000	
			SPECIAL FUND	138,712	109,276	3,650	9,100	8,193	8,493						
			FEDERAL FUNDS	29,507	29,507										
			G.O. BONDS REP	40,000	40,000										
			G.O. BONDS	5,000		5,000									
			REVENUE BONDS	127,771	40,601	15,235	15,235	23,350	23,350	2,000	2,000	2,000	2,000	2,000	
			PRIVATE CONTRI	2			2								

STATE OF HAWAII

PROGRAM ID

TRN-395

PROGRAM STRUCTURE NO. 030211

PROGRAM TITLE

HARBORS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT
IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE												
				COST	ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD						SUCCEED YEARS
										FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
		OTHER FEDERAL		4,006	4,000			3	3							

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-333

030212

HANA HARBOR

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

REPORT B78

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
M23	07		NEW	REMOVE HANA PIER SUPERSTRUCTURE, HANA HARBOR, MAUI										
			DESIGN	201				201						
			CONSTRUCTION	3,501				3,501						
			TOTAL	3,702				3,702						
			REVENUE BONDS	3,700				3,700						
			SPECIAL FUND	2				2						
PROGRAM TOTALS														
			PLANS	1,000	1,000									
			DESIGN	1,201	1,000			201						
			CONSTRUCTION	22,001	18,500			3,501						
			TOTAL	24,202	20,500			3,702						
			REVENUE BONDS	24,200	20,500			3,700						
			SPECIAL FUND	2				2						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-501

030301

OAHU HIGHWAYS

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
R030	55		NEW	INTERSTATE ROUTE H-3, JUNCTION AT H-1 TO				KANEHOE MARINE CORPS AIR STATION, OAHU						
			DESIGN	1,935	435			1,500						
			CONSTRUCTION	13,650	8,650				5,000					
			TOTAL	15,585	9,085			1,500	5,000					
			FEDERAL FUNDS	12,842	7,642			1,200	4,000					
			REVENUE BONDS	2,713	1,413			300	1,000					
			PRIVATE CONTRI	30	30									
R053	76		ADDITION	KAMEHAMEHA HIGHWAY, HELEMANO-WAIALUA JUNCTION TO HALEIWA BEACH PARK, OAHU										
			PLANS	5,500	5,500									
			LAND	4,948	4,948									
			DESIGN	1,318	1,318									
			CONSTRUCTION	64,849	58,349			6,500						
			TOTAL	76,615	70,115			6,500						
			SPECIAL FUND	31,560	31,560									
			FEDERAL FUNDS	9,800	4,600			5,200						
			FED. AID PRIMA	6,287	6,287									
			REVENUE BONDS	6,270	4,970			1,300						
			G.O. BONDS	22,698	22,698									
S074	75		OTHER	OAHU BIKENAYS, OAHU										
			LAND	9,817	7,817				2,000					
			DESIGN	4,270	4,270									
			CONSTRUCTION	13,170	13,170									
			TOTAL	27,257	25,257				2,000					
			REVENUE BONDS	5,521	5,121				400					
			FEDERAL FUNDS	21,736	20,136				1,600					

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						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
S221	25		REPLACEMENT	KALANIANA'OLE HIGHWAY, INOA'OLE STREAM BRIDGE				REHABILITATION AND/OR REPLACEMENT, OAHU						
			LAND	650	650									
			DESIGN	125	125									
			CONSTRUCTION	21,275	18,675						2,600			
			TOTAL	22,050	19,450						2,600			
			REVENUE BONDS	6,309	5,789						520			
			FEDERAL FUNDS	15,741	13,661						2,080			
S230	41		REPLACEMENT	WAI'AHOLE BRIDGE REPLACEMENT, KAMEHAMEHA				HIGHWAY, OAHU						
			LAND	750				750						
			DESIGN	120	120									
			CONSTRUCTION	23,520	11,520						12,000			
			TOTAL	24,390	11,640			750	12,000					
			FEDERAL FUNDS	19,480	9,280			600	9,600					
			REVENUE BONDS	4,910	2,360			150	2,400					
S231	27		RENOVATION	KALANIANA'OLE HWY IMPS, VIC. OF OLOMANA GOLF				COURSE TO VIC. OF MAKAPUU, OAHU						
			PLANS	800	800									
			LAND	50	50									
			DESIGN	2,800	1,300	1,500								
			CONSTRUCTION	14,000	14,000									
			TOTAL	17,650	16,150	1,500								
			REVENUE BONDS	3,530	3,230	300								
			FEDERAL FUNDS	14,120	12,920	1,200								

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			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
S239	37		ADDITION	FREEMAY MANAGEMENT SYSTEM, OAHU										
			DESIGN	19,650	17,150				2,500					
			CONSTRUCTION	52,848	45,348				7,500					
			EQUIPMENT	2	2									
			TOTAL	72,500	62,500				10,000					
			FEDERAL FUNDS	58,420	50,420				8,000					
			REVENUE BONDS	14,080	12,080				2,000					
S257	48		RENOVATION	CASTLE HILLS ACCESS ROAD IMPROVEMENTS, OAHU										
			LAND	3,100	2,600	500								
			DESIGN	1,750	1,150	600								
			CONSTRUCTION	14,796	11,796		3,000							
			TOTAL	19,646	15,546	1,100	3,000							
			OTHER FUNDS	7,600	7,600									
			FEDERAL FUNDS	4,797	4,797									
			SPECIAL FUND	800	800									
			REVENUE BONDS	6,449	2,349	1,100	3,000							
S266	3		RENOVATION	GUARDRAIL AND SHOULDER IMPROVEMENTS, VARIOUS LOCATIONS, OAHU										
			DESIGN	3,000	2,500	500								
			CONSTRUCTION	40,680	27,180	10,500	3,000							
			TOTAL	43,680	29,680	11,000	3,000							
			REVENUE BONDS	9,136	6,336	2,200	600							
			FEDERAL FUNDS	34,544	23,344	8,800	2,400							

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			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
S270	56		RENOVATION	TRAFFIC OPERATIONAL IMPROVEMENTS TO EXISTING INTERSECTIONS AND HIGHWAYS FACILITIES, OAHU										
			PLANS	600	600									
			DESIGN	2,390	1,990		200		200					
			CONSTRUCTION	18,150	17,150			1,000						
			TOTAL	21,140	19,740		200	1,000	200					
			REVENUE BONDS	21,140	19,740		200	1,000	200					
S284	44		REPLACEMENT	FREEMWAY DESTINATION SIGN UPGRADE/REPLACEMENT, OAHU										
			DESIGN	1,700	1,350							350		
			CONSTRUCTION	13,250	10,250			3,000						
			TOTAL	14,950	11,600			3,000	350					
			REVENUE BONDS	2,440	1,770			600	70					
			FEDERAL FUNDS	12,510	9,830			2,400	280					
S297	18		REPLACEMENT	KAMEHAMEHA HIGHWAY, KAMELA STREAM BRIDGE REPLACEMENT, OAHU										
			LAND	90	90									
			DESIGN	300	300									
			CONSTRUCTION	19,925	17,425	2,500								
			TOTAL	20,315	17,815	2,500								
			FEDERAL FUNDS	16,005	14,005	2,000								
			REVENUE BONDS	4,310	3,810	500								
S301	30		REPLACEMENT	FARRINGTON HIGHWAY, MAKAHA BRIDGES NO. 3 AND NO. 3A REPLACEMENT, OAHU										
			LAND	100	100									
			DESIGN	545	545									
			CONSTRUCTION	40,200	30,200			10,000						
			TOTAL	40,845	30,845			10,000						
			REVENUE BONDS	8,180	6,180			2,000						
			FEDERAL FUNDS	32,665	24,665			8,000						

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			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
S306	40		REPLACEMENT	KAMEHAMEHA HIGHWAY, SOUTH KAHANA STREAM				BRIDGE REHABILITATION AND/OR REPLACEMENT, OAHU						
			DESIGN	1,220	1,220									
			CONSTRUCTION	37,250	35,500		1,000	750						
			TOTAL	38,470	36,720		1,000	750						
			FEDERAL FUNDS	30,775	29,375		800	600						
			REVENUE BONDS	7,695	7,345		200	150						
S307	38		REPLACEMENT	KAMEHAMEHA HIGHWAY, KALUANUI STREAM BRIDGE				REPLACEMENT, OAHU						
			LAND	900	100			800						
			DESIGN	865	865									
			CONSTRUCTION	19,500	9,500				10,000					
			TOTAL	21,265	10,465			800	10,000					
			REVENUE BONDS	4,255	2,095			160	2,000					
			FEDERAL FUNDS	17,010	8,370			640	8,000					
S313	21		ADDITION	INTERSTATE ROUTE H-1, ADDITION AND/OR MOD. OF FREEWAY ACCS. MAKAKILO TO PALAILAI IC, OAHU										
			PLANS	2,000	2,000									
			LAND	408	408									
			DESIGN	100	100									
			CONSTRUCTION	77,936	70,936	7,000								
			TOTAL	80,444	73,444	7,000								
			REVENUE BONDS	7,941	6,541	1,400								
			PRIVATE CONTRI	1,000	1,000									
			FEDERAL FUNDS	71,503	65,903	5,600								

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			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
S314	14		REPLACEMENT	KAMEHAMEHA HIGHWAY, UPPER POAMOHO STREAM		BRIDGE REPLACEMENT, OAHU								
			LAND	2,370	2,370									
			DESIGN	4,875	2,275		2,600							
			TOTAL	7,245	4,645		2,600							
			FEDERAL FUNDS	5,795	3,715		2,080							
			REVENUE BONDS	1,450	930		520							
S318	31		REPLACEMENT	HIGHWAY LIGHTING REPLACEMENT AT VARIOUS		LOCATIONS, OAHU								
			DESIGN	2,180	2,180									
			CONSTRUCTION	39,213	32,713			6,500						
			TOTAL	41,393	34,893			6,500						
			REVENUE BONDS	10,912	9,612			1,300						
			FEDERAL FUNDS	30,481	25,281			5,200						
S328	16		RENOVATION	KAMEHAMEHA HIGHWAY, REHABILITATION AND/OR		REPLACEMENT OF MAKAAU STREAM BRIDGE, OAHU								
			LAND	475	475									
			DESIGN	1,050	1,050									
			CONSTRUCTION	7,188	5,088		2,100							
			TOTAL	8,713	6,613		2,100							
			REVENUE BONDS	1,743	1,323		420							
			FEDERAL FUNDS	6,970	5,290		1,680							
S331	28		ADDITION	INTERSTATE ROUTE H-1 WIDENING, EASTBOUND,		VIC. OF WAIKELE TO VIC. OF HALAHA, OAHU								
			DESIGN	8,500	4,000	4,500								
			TOTAL	8,500	4,000	4,500								
			FEDERAL FUNDS	6,800	3,200	3,600								
			REVENUE BONDS	1,700	800	900								

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						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
S332	11		OTHER	EROSION CONTROL PROGRAM FOR STATE HIGHWAYS AND FACILITIES, OAHU										
			LAND	100		100								
			DESIGN	600	200	200	200							
			CONSTRUCTION	16,000	8,000		2,000	4,000	2,000					
			TOTAL	16,700	8,200	300	2,200	4,000	2,000					
			REVENUE BONDS	13,500	5,000	300	2,200	4,000	2,000					
			SPECIAL FUND	3,200	3,200									
S337	21		RENOVATION	FARRINGTON HIGHWAY, REHABILITATION OF KAUPUNI STREAM BRIDGE, OAHU										
			LAND	350					350					
			DESIGN	2,350	1,200				1,150					
			TOTAL	2,700	1,200				1,500					
			REVENUE BONDS	540	240				300					
			FEDERAL FUNDS	2,160	960				1,200					
S343	62		RENOVATION	INTERSTATE ROUTE H-1 CORRIDOR IMPROVEMENTS, OAHU										
			PLANS	4,520	520		2,000	2,000						
			TOTAL	4,520	520		2,000	2,000						
			REVENUE BONDS	1,320	520		400	400						
			FEDERAL FUNDS	3,200			1,600	1,600						
S344	19		OTHER	MISCELLANEOUS PERMANENT BEST MANAGEMENT PRACTICES, OAHU										
			LAND	660	460		100		100					
			DESIGN	3,390	1,790		750	100	750					
			CONSTRUCTION	10,180	4,930	750		2,300	2,200					
			TOTAL	14,230	7,180	750	850	2,400	3,050					
			REVENUE BONDS	11,950	4,900	750	850	2,400	3,050					
			SPECIAL FUND	2,280	2,280									

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						FY	FY	FY	FY	FY	FY	FY	FY	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	
S346	9		RENOVATION	INTERSTATE ROUTE H-1, KAPALAMA CANAL BRIDGE REHABILITATION, OAHU										
			DESIGN	1,400	800	600								
			CONSTRUCTION	8,500		8,500								
			TOTAL	9,900	800	9,100								
			REVENUE BONDS	1,980	160	1,820								
			FEDERAL FUNDS	7,920	640	7,280								
S348	5		RENOVATION	FARRINGTON HIGHWAY, ULEHAWA STREAM BRIDGE REHABILITATION AND/OR REPLACEMENT, OAHU										
			LAND	601	551		50							
			DESIGN	1,500	1,500									
			TOTAL	2,101	2,051		50							
			FEDERAL FUNDS	1,681	1,641		40							
			REVENUE BONDS	420	410		10							
S350	34		RENOVATION	INTERSTATE ROUTE H-1, AIRPORT VIADUCT IMPS, VIC OF VALKENBURGH ST TO MIDDLE ST, OAHU										
			DESIGN	2,000				2,000						
			CONSTRUCTION	85,000	25,000		20,000	20,000	20,000					
			TOTAL	87,000	25,000		20,000	22,000	20,000					
			REVENUE BONDS	14,900	2,500		4,000	4,400	4,000					
			FEDERAL FUNDS	72,100	22,500		16,000	17,600	16,000					
S351	47		REPLACEMENT	CULVERT ASSESSMENT AND REMEDIATION, OAHU										
			DESIGN	5,000	2,000	1,000	1,000					1,000		
			CONSTRUCTION	8,810	3,000	3,810	1,500					500		
			TOTAL	13,810	5,000	4,810	2,500					1,500		
			REVENUE BONDS	13,810	5,000	4,810	2,500					1,500		

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			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
S353	20		OTHER	COMMERCIAL DRIVER'S LICENSE (CDL) AND MOTORCYCLE LICENSE TESTING FACILITY, OAHU										
			DESIGN	1	1									
			CONSTRUCTION	6,724	5,424	400	900							
			TOTAL	6,725	5,425	400	900							
			REVENUE BONDS	6,725	5,425	400	900							
S354	14		RENOVATION	KAMEHAMEHA HWY, KIPAPA STREAM (ROOSEVELT) BRIDGE REHABILITATION AND/OR REPLACEMENT, OAHU										
			LAND	250		250								
			DESIGN	1,000	1,000									
			CONSTRUCTION	17,000			17,000							
			TOTAL	18,250	1,000	250	17,000							
			REVENUE BONDS	3,650	200	50	3,400							
			FEDERAL FUNDS	14,600	800	200	13,600							
S356	C1		NEW	SAND ISLAND ACCESS ROAD, TRUCK WEIGH STATION, OAHU										
			LAND	3,200	200	3,000								
			DESIGN	50	50									
			CONSTRUCTION	5,050	4,500		550							
			TOTAL	8,300	4,750	3,000	550							
			REVENUE BONDS	1,660	950	600	110							
			FEDERAL FUNDS	6,640	3,800	2,400	440							
S357	6		REPLACEMENT	KAMEHAMEHA HIGHWAY, HOOLAPA (NANAHU) BRIDGE REHABILITATION AND/OR REPLACEMENT, OAHU										
			LAND	1,250	1,000	250								
			DESIGN	325	325									
			CONSTRUCTION	7,000		5,000	2,000							
			TOTAL	8,575	1,325	5,250	2,000							
			REVENUE BONDS	1,715	265	1,050	400							
			FEDERAL FUNDS	6,860	1,060	4,200	1,600							

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						FY	FY	FY	FY	FY	FY	FY	FY	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	
S358	49		RENOVATION	KEAAHALA ROAD WIDENING, KAHEKILI HIGHWAY TO				POOKELA STREET, OAHU						
			LAND	500		500								
			DESIGN	650		650								
			CONSTRUCTION	3,000			3,000							
			TOTAL	4,150		1,150	3,000							
			REVENUE BONDS	4,150		1,150	3,000							
S359	66		RENOVATION	INTERSTATE ROUTE H-3, PORTAL BUILDINGS				IMPROVEMENTS, OAHU						
			DESIGN	335			335							
			CONSTRUCTION	3,350				3,350						
			TOTAL	3,685			335	3,350						
			REVENUE BONDS	3,685			335	3,350						
S360	68		RENOVATION	INTERSTATE ROUTE H-3, TUNNEL IMPROVEMENTS,				OAHU						
			DESIGN	700				700						
			CONSTRUCTION	5,200					5,200					
			TOTAL	5,900				700	5,200					
			REVENUE BONDS	5,900				700	5,200					
SP0303	49		ADDITION	KAHEKILI HIGHWAY, OAHU										
			PLANS	1,302	1,302									
			LAND	2,000			1,000	1,000						
			DESIGN	6,049	1,049	4,250		750						
			CONSTRUCTION	450	450									
			TOTAL	9,801	2,801	4,250	1,000	1,750						
			REVENUE BONDS	4,200	2,800	850	200	350						
			FEDERAL FUNDS	5,601	1	3,400	800	1,400						

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				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		FY 21-22	FY 22-23
SP0603	42		RENOVATION	FARRINGTON HIGHWAY IMPROVEMENTS BETWEEN HONOKAI HALE AND HAKIMO ROAD, OAHU											
			DESIGN	600	600										
			CONSTRUCTION	22,400	21,900		500								
			TOTAL	23,000	22,500		500								
			REVENUE BONDS	6,200	6,100		100								
			FEDERAL FUNDS	16,800	16,400		400								
SP1404			NEW	VINEYARD CROSSWALK, OAHU											
			CONSTRUCTION	1,273	750		523								
			TOTAL	1,273	750		523								
			G.O. BONDS	1,273	750		523								
SP1405			NEW	KAILUA RD AND S. KALAHEO AVE., OAHU											
			PLANS	2	1		1								
			DESIGN	2	1		1								
			CONSTRUCTION	956	478		478								
			TOTAL	960	480		480								
			G.O. BONDS	480			480								
			REVENUE BONDS	480	480										
SP1501			NEW	H-1 FREEWAY NEAR ULUNE STREET, OAHU											
			DESIGN	1			1								
			CONSTRUCTION	834			834								
			TOTAL	835			835								
			G.O. BONDS	835			835								

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			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
SP1502		NEW	KALIHI STREET CROSSWALK, OAHU											
			PLANS	1		1								
			DESIGN	1		1								
			CONSTRUCTION	747		747								
			EQUIPMENT	1		1								
			TOTAL	750		750								
			G.O. BONDS	750		750								
PROGRAM TOTALS														
			PLANS	37,744	33,742	1	2,001	2,000						
			LAND	66,363	55,613	4,600	1,150	2,550	2,450					
			DESIGN	179,490	149,602	13,802	5,086	5,050	5,950					
			CONSTRUCTION	1,833,911	1,611,919	40,041	57,551	57,400	67,000					
			EQUIPMENT	1,014	1,013	1								
			TOTAL	2,118,522	1,851,889	58,445	65,788	67,000	75,400					
			FED. AID PRIMA	6,287	6,287									
			REVENUE BONDS	688,637	599,912	18,180	23,345	22,560	24,640					
			SPECIAL FUND	90,407	90,407									
			G.O. BONDS	26,984	24,396	1,585	1,003							
			INTERDEPT. TRA	17,225	17,225									
			FEDERAL FUNDS	1,252,404	1,077,084	38,680	41,440	44,440	50,760					
			PRIVATE CONTRI	27,618	27,618									
			OTHER FUNDS	8,960	8,960									

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
				COST	ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
T077	26		OTHER	GUARDRAIL AND SHOULDER IMPROVEMENTS ON STATE HIGHWAYS, HAWAII										
			DESIGN		3,348	2,348						1,000		
			CONSTRUCTION		30,718	29,718						1,000		
			TOTAL		34,066	32,066						2,000		
			FEDERAL FUNDS		25,295	23,695						1,600		
			SPECIAL FUND		1,966	1,966								
			REVENUE BONDS		6,805	6,405						400		
T080	24		REPLACEMENT	KAWAIHAE ROAD, WAIKAHA STREAM BRIDGE		REPLACEMENT AND REALIGNMENT, HAWAII								
			PLANS		4,110	360			3,750					
			LAND		7,015	4,765					2,250			
			DESIGN		3,755	3,755								
			CONSTRUCTION		3,940	3,940								
			TOTAL		18,820	12,820			3,750		2,250			
			REVENUE BONDS		3,575	2,375			750		450			
			FEDERAL FUNDS		14,245	9,445			3,000		1,800			
			OTHER FUNDS		1,000	1,000								
T108	50		NEW	DANIEL K. INOUE HIGHWAY EXTENSION, MAMALAHOA HIGHWAY TO QUEEN KAAHUMANU HIGHWAY, HAWAII										
			PLANS		2,050	2,050								
			LAND		9,660		660		9,000					
			DESIGN		92,175	12,175			80,000					
			TOTAL		103,885	14,225	660		89,000					
			FEDERAL FUNDS		83,130	11,380	550		71,200					
			REVENUE BONDS		20,755	2,845	110		17,800					

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE												
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23
T110	18		RENOVATION	HAWAII BELT ROAD ROCKFALL PROTECTION AT MAULUA, LAUPAHOEHOE, AND KAAMALLI, HAWAII												
			LAND	500	500											
			DESIGN	22,054	21,304					750						
			CONSTRUCTION	49,001	18,251					30,750						
			TOTAL	71,555	40,055					31,500						
			FEDERAL FUNDS	57,229	32,029					25,200						
			REVENUE BONDS	14,326	8,026					6,300						
T118	60		RENOVATION	TRAFFIC OPERATIONAL IMPROVEMENTS TO EXISTING INTERSECTIONS AND HIGHWAY FACILITIES, HAWAII												
			PLANS	100	100											
			LAND	55	55											
			DESIGN	1,395	1,395											
			CONSTRUCTION	13,215	12,615					600						
			TOTAL	14,765	14,165					600						
			FEDERAL FUNDS	104	104											
			REVENUE BONDS	14,661	14,061					600						
T125	43		RENOVATION	AKONI PULE HIGHWAY, REALIGNMENT AND WIDENING AT AAMAKAO GULCH, HAWAII												
			LAND	970	970											
			DESIGN	410	410											
			CONSTRUCTION	10,570	7,570					3,000						
			TOTAL	11,950	8,950					3,000						
			FEDERAL FUNDS	8,456	6,056					2,400						
			REVENUE BONDS	3,494	2,894					600						

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
T128	61		ADDITION	KEAAU-PAHOA ROAD IMPROVEMENTS, KEAAU TO PAHOA, HAWAII										
			PLANS	2,000	2,000									
			LAND	2,600		100	2,500							
			DESIGN	3,650	3,300	350								
			CONSTRUCTION	40,000							40,000			
			TOTAL	48,250	5,300	450	2,500				40,000			
			REVENUE BONDS	9,650	1,060	90	500				8,000			
			FEDERAL FUNDS	38,600	4,240	360	2,000				32,000			
T135	35		RENOVATION	MAMALAHOA HIGHWAY DRAINAGE IMPROVEMENTS AT KAMA, HAWAII										
			LAND	200	200									
			DESIGN	350	350									
			CONSTRUCTION	20,000	11,000						9,000			
			TOTAL	20,550	11,550						9,000			
			OTHER FUNDS	200	200									
			FEDERAL FUNDS	16,000	8,800						7,200			
			REVENUE BONDS	4,350	2,550						1,800			
T136	15		RENOVATION	HAWAII BELT ROAD DRAINAGE AND ROCKFALL IMPS, VIC. OF HAKALAU BRIDGE, HAWAII										
			LAND	76	76									
			DESIGN	350	350									
			CONSTRUCTION	12,299	9,299		1,000	2,000						
			TOTAL	12,725	9,725		1,000	2,000						
			FEDERAL FUNDS	9,520	7,120		800	1,600						
			OTHER FUNDS	75	75									
			REVENUE BONDS	3,130	2,530		200	400						

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
T139	23		OTHER	SADDLE ROAD MAINTENANCE BASEYARD, VICINITY OF MAUNA KEA STATE PARK, HAWAII										
			LAND	100	100									
			DESIGN	600	600									
			CONSTRUCTION	15,122	7,522		7,600							
			TOTAL	15,822	8,222		7,600							
			REVENUE BONDS	15,822	8,222		7,600							
T144	22		REPLACEMENT	HAWAII BELT ROAD, REPLACEMENT OF PAHOEHOE STREAM BRIDGE, HAWAII										
			LAND	2,600	1,600		1,000							
			DESIGN	795	795									
			CONSTRUCTION	10,500					10,500					
			TOTAL	13,895	2,395		1,000		10,500					
			REVENUE BONDS	2,779	479		200		2,100					
			FEDERAL FUNDS	11,116	1,916		800		8,400					
T146	9		RENOVATION	HAWAII BELT ROAD, REHABILITATION OF UMAUMA STREAM BRIDGE, HAWAII										
			LAND	200	200									
			CONSTRUCTION	46,000	37,000			9,000						
			TOTAL	46,200	37,200			9,000						
			REVENUE BONDS	9,240	7,440			1,800						
			FEDERAL FUNDS	36,960	29,760			7,200						
T149	20		RENOVATION	KOHALA MOUNTAIN ROAD DRAINAGE IMPROVEMENTS, HAWAII										
			CONSTRUCTION	7,200	3,600	3,600								
			TOTAL	7,200	3,600	3,600								
			REVENUE BONDS	7,200	3,600	3,600								

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				COST	ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		FY 21-22
T150	33		RENOVATION		MAMALAHOA HWY, GUARDRAIL AND SHOULDER IMPVMTS AND REALIGNMENT, NAALEHU TO HONUAPPO, HAWAII										
			LAND		600	300		300							
			DESIGN		600	600									
			TOTAL		1,200	900		300							
			REVENUE BONDS		240	180		60							
			FEDERAL FUNDS		960	720		240							
T151	36		RENOVATION		HAWAII BELT ROAD, DRAINAGE IMPROVEMENTS AT PAPAALOA, M.P. 24.47, HAWAII										
			CONSTRUCTION		3,500	2,500		1,000							
			TOTAL		3,500	2,500		1,000							
			REVENUE BONDS		3,500	2,500		1,000							
T152	7		REPLACEMENT		MAMALAHOA HIGHWAY, HILEA STREAM BRIDGE REHABILITATION AND/OR REPLACEMENT, HAWAII										
			LAND		101		101								
			DESIGN		810	810									
			CONSTRUCTION		9,000			9,000							
			TOTAL		9,911	810	101	9,000							
			REVENUE BONDS		2,062	162	100	1,800							
			FEDERAL FUNDS		7,849	648	1	7,200							
T153	8		REPLACEMENT		MAMALAHOA HIGHWAY, NINOLE BRIDGE REHABILITATION AND/OR REPLACEMENT, HAWAII										
			LAND		1,044	1,044									
			DESIGN		261	261									
			CONSTRUCTION		10,500		8,000	2,500							
			TOTAL		11,805	1,305	8,000	2,500							
			FEDERAL FUNDS		9,444	1,044	6,400	2,000							
			REVENUE BONDS		2,361	261	1,600	500							

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
T154	39		ADDITION	KAWAIHAE ROAD, SAFETY IMPROVEMENTS, RUNAWAY TRUCK RAMP, HAWAII										
			LAND	500				500						
			DESIGN	150			150							
			CONSTRUCTION	1,500					1,500					
			TOTAL	2,150			150	500	1,500					
			REVENUE BONDS	2,150			150	500	1,500					
T155	29		RENOVATION	HAWAII BELT ROAD, WAILUKU BRIDGE REHABILITATION AND/OR REPLACEMENT, HAWAII										
			PLANS	1,201			1,201							
			LAND	500					500					
			DESIGN	800				800						
			TOTAL	2,501			1,201	800	500					
			REVENUE BONDS	1,460			1,200	160	100					
			FEDERAL FUNDS	1,041			1	640	400					
TP1501			NEW	HIGHWAY 130, HAWAII										
			CONSTRUCTION	15,000		15,000								
			TOTAL	15,000		15,000								
			REVENUE BONDS	15,000		15,000								
PROGRAM TOTALS														
			PLANS	21,249	16,298		1,201	3,750						
			LAND	65,217	48,306	760	3,601	9,800	2,750					
			DESIGN	182,973	99,923	350	150	80,800	1,750					
			CONSTRUCTION	696,098	541,048	18,600	16,600	32,500	87,350					
			EQUIPMENT	3	3									
			TOTAL	965,540	705,578	19,710	21,552	126,850	91,850					
			SPECIAL FUND	46,961	46,961									
			G.O. BONDS REP	3,019	3,019									
			OTHER FUNDS	3,385	3,385									
			FEDERAL FUNDS	645,683	462,691	910	10,002	100,280	71,800					
			REVENUE BONDS	261,629	184,659	18,800	11,550	26,570	20,050					

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
			G.O. BONDS	4,845	4,845								
			GENERAL FUND	18	18								

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE										SUCCEED YEARS			
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
V048	32		OTHER	GUARDRAIL AND SHOULDER IMPROVEMENTS ON STATE HIGHWAYS, MAUI													
			DESIGN		4,425	1,925				500		2,000					
			CONSTRUCTION		17,850	15,850		1,000		1,000							
			TOTAL		22,275	17,775		1,000		1,500		2,000					
			G.O. BONDS REP		100	100											
			FEDERAL FUNDS		13,714	10,114		800		1,200		1,600					
			SPECIAL FUND		4,134	4,134											
			REVENUE BONDS		4,327	3,427		200		300		400					
V051	3		NEW	HONOAPIILANI HIGHWAY WIDENING AND/OR REALIGNMENT, HONOKOWAI TO LAUNIUPOKO, MAUI													
			LAND		27,446	27,446											
			DESIGN		20,377	20,377											
			CONSTRUCTION		158,352	153,352		5,000									
			TOTAL		206,175	201,175		5,000									
			PRIVATE CONTRI		715	715											
			SPECIAL FUND		62,835	62,835											
			COUNTY FUNDS		1,500	1,500											
			FEDERAL FUNDS		78,840	74,840		4,000									
			REVENUE BONDS		62,285	61,285		1,000									
V074	65		NEW	PAIA BYPASS, MAUI													
			PLANS		1,410	1,110	300										
			DESIGN		5,250	1,500						3,750					
			CONSTRUCTION		37,500	37,500											
			TOTAL		44,160	40,110	300					3,750					
			FEDERAL FUNDS		33,240	30,000	240					3,000					
			REVENUE BONDS		10,920	10,110	60					750					

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				COST	ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
V075	14		RENOVATION	HANA HIGHWAY ROCKFALL MITIGATION, HUELO TO HANA, MAUI										
			PLANS	45	45									
			DESIGN	935	735		200							
			CONSTRUCTION	20,632	12,632	4,400	1,600			2,000				
			TOTAL	21,612	13,412	4,400	1,800			2,000				
			REVENUE BONDS	21,612	13,412	4,400	1,800			2,000				
V076	38		RENOVATION	HANA HIGHWAY/KAAHUMANU AVENUE BEAUTIFICATION, DAIRY ROAD TO NANILOA OVERPASS, MAUI										
			DESIGN	110	110									
			CONSTRUCTION	3,620	2,570	1,050								
			TOTAL	3,730	2,680	1,050								
			REVENUE BONDS	749	539	210								
			FEDERAL FUNDS	2,981	2,141	840								
V083	58		RENOVATION	TRAFFIC OPERATIONAL IMPROVEMENTS TO EXISTING INTERSECTIONS AND HIGHWAY FACILITIES, MAUI										
			PLANS	100	100									
			DESIGN	1,075	975			100						
			CONSTRUCTION	16,290	14,890			500		900				
			TOTAL	17,465	15,965			600		900				
			REVENUE BONDS	17,465	15,965			600		900				
V084	45		RENOVATION	HANA HIGHWAY IMPROVEMENTS, HUELO TO HANA, MAUI										
			DESIGN	360	360									
			CONSTRUCTION	17,270	6,770	2,000	4,500	2,000		2,000				
			TOTAL	17,630	7,130	2,000	4,500	2,000		2,000				
			OTHER FUNDS	1,430	1,430									
			REVENUE BONDS	16,200	5,700	2,000	4,500	2,000		2,000				

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE													
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	SUCCEED YEARS
V094	16		REPLACEMENT	HONOAPIILANI HIGHWAY, REHABILITATION AND/OR REPLACEMENT OF HONOLUA BRIDGE, MAUI													
			LAND		1,088	1,088											
			DESIGN		750	750											
			CONSTRUCTION		6,400	5,400					1,000						
			TOTAL		8,238	7,238					1,000						
			FEDERAL FUNDS		6,590	5,790					800						
			REVENUE BONDS		1,648	1,448					200						
V095	51		ADDITION	HALEAKALA HIGHWAY WIDENING AT MILE POST 0.8, MAUI													
			LAND		390	390											
			DESIGN		520	520											
			CONSTRUCTION		6,700	2,900	1,800				2,000						
			TOTAL		7,610	3,810	1,800				2,000						
			REVENUE BONDS		7,610	3,810	1,800				2,000						
V096	10		ADDITION	HANA HIGHWAY WIDENING, KAAHUMANU AVENUE TO HALEAKALA HIGHWAY, MAUI													
			LAND		619	619											
			DESIGN		1,505	1,505											
			CONSTRUCTION		29,000			29,000									
			TOTAL		31,124	2,124		29,000									
			REVENUE BONDS		6,225	425		5,800									
			FEDERAL FUNDS		24,899	1,699		23,200									
V100	32		RENOVATION	HANA HIGHWAY IMPROVEMENTS, VICINITY OF MILEPOST 28.1, MAUI													
			LAND		125	50	75										
			DESIGN		225	105	120										
			CONSTRUCTION		1,375	675		700									
			TOTAL		1,725	830	195	700									
			REVENUE BONDS		1,725	830	195	700									

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				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		FY 21-22	FY 22-23		
V103	28		RENOVATION	HANA HIGHWAY BRIDGE PRESERVATION PLAN, MAUI													
			PLANS		1,600	1,600											
			LAND		1,000							1,000					
			DESIGN		2,250				2,250								
			TOTAL		4,850	1,600			2,250			1,000					
			FEDERAL FUNDS		3,880	1,280			1,800			800					
			REVENUE BONDS		970	320			450			200					
V107	71		RENOVATION	MAUI DISTRICT BASEYARD / OFFICE IMPROVEMENTS, MAUI													
			DESIGN		925	175	650		100								
			CONSTRUCTION		700	700											
			EQUIPMENT		100	100											
			TOTAL		1,725	975	650		100								
			REVENUE BONDS		1,725	975	650		100								
V117	72		RENOVATION	MISCELLANEOUS DRAINAGE IMPROVEMENTS, MAUI													
			DESIGN		250				250								
			CONSTRUCTION		1,000							1,000					
			TOTAL		1,250				250			1,000					
			REVENUE BONDS		1,250				250			1,000					
V118	73		RENOVATION	PEDESTRIAN IMPROVEMENTS AT VARIOUS LOCATIONS, MAUI													
			DESIGN		100				100								
			CONSTRUCTION		500							500					
			TOTAL		600				100			500					
			REVENUE BONDS		600				100			500					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-531

030303

MAUI HIGHWAYS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE				BUDGET PERIOD						SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
V119	74		RENOVATION	TRAFFIC SIGNAL MODERNIZATION AT VARIOUS				LOCATIONS, MAUI						
			DESIGN	250				250						
			CONSTRUCTION	3,000					3,000					
			TOTAL	3,250				250	3,000					
			REVENUE BONDS	3,250				250	3,000					
V120	70		ADDITION	PUUNENE AVENUE INTERSECTION IMPROVEMENTS IN				THE VICINITY OF KUIHELANI HIGHWAY, MAUI						
			DESIGN	250				250						
			CONSTRUCTION	3,000					3,000					
			TOTAL	3,250				250	3,000					
			REVENUE BONDS	3,250				250	3,000					
W013	10		REPLACEMENT	KAMEHAMEHA V HIGHWAY, MAKAKUPAIA STREAM				BRIDGE REPLACEMENT, MOLOKAI						
			LAND	475	475									
			DESIGN	650	650									
			CONSTRUCTION	7,849	4,349		3,500							
			TOTAL	8,974	5,474		3,500							
			FEDERAL FUNDS	7,179	4,379		2,800							
			REVENUE BONDS	1,795	1,095		700							
VP0301	C6		RENOVATION	HONOAPIILANI HIGHWAY WIDENING, LAHAINA TO				MAALAEA, MAUI						
			PLANS	3,501	3,500	1								
			DESIGN	1		1								
			CONSTRUCTION	8,498		8,498								
			TOTAL	12,000	3,500	8,500								
			REVENUE BONDS	12,000	3,500	8,500								

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO. 030303

PROGRAM TITLE

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE										SUCCEED YEARS			
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
VP1401			NEW	PIILANI HIGHWAY TRAFFIC SIGNAL IMPROVEMENTS, MAUI													
			DESIGN		510	10		500									
			CONSTRUCTION		1,980	480		1,500									
			EQUIPMENT		10	10											
			TOTAL		2,500	500		2,000									
			SPECIAL FUND		2,000			2,000									
			G.O. BONDS		500	500											
VP1601			NEW	HAIKU CROSSWALK-HANA HIGHWAY, PILIALOA STREET, MAUI													
			PLANS		1			1									
			DESIGN		1			1									
			CONSTRUCTION		248			248									
			TOTAL		250			250									
			REVENUE BONDS		250			250									
PROGRAM TOTALS																	
			PLANS		7,457	7,155	301	1									
			LAND		50,704	49,629	75						1,000				
			DESIGN		65,899	54,877	771	701	3,800				5,750				
			CONSTRUCTION		773,903	690,207	17,748	47,048	6,500				12,400				
			EQUIPMENT		110	110											
			TOTAL		898,073	801,978	18,895	47,750	10,300				19,150				
			OTHER FUNDS		2,930	2,930											
			PRIVATE CONTRI		715	715											
			G.O. BONDS		500	500											
			G.O. BONDS REP		100	100											
			FEDERAL FUNDS		483,724	442,644	1,080	30,800	3,800				5,400				
			COUNTY FUNDS		3,750	3,750											
			REVENUE BONDS		325,567	272,552	17,815	14,950	6,500				13,750				
			SPECIAL FUND		80,787	78,787		2,000									

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-561

030306

KAUAI HIGHWAYS

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
X007	C8		ADDITION	KUHIO HIGHWAY IMPROVEMENTS, HANAMAULU TO KAPAA, KAUAI										
			PLANS	2,502	2,502									
			LAND	13,500	11,000	2,500								
			DESIGN	8,500	4,000	4,500								
			CONSTRUCTION	102,400	86,400	7,500	8,500							
			TOTAL	126,902	103,902	14,500	8,500							
			FEDERAL FUNDS	84,000	65,600	11,600	6,800							
			FEDERAL STIMUL	17,000	17,000									
			REVENUE BONDS	25,902	21,302	2,900	1,700							
X051	27		RENOVATION	GUARDRAIL AND SHOULDER IMPROVEMENTS ON STATE HIGHWAYS, KAUAI										
			DESIGN	1,755	1,455	300								
			CONSTRUCTION	21,229	15,229		4,000			2,000				
			TOTAL	22,984	16,684	300	4,000			2,000				
			SPECIAL FUND	837	837									
			FEDERAL FUNDS	17,157	12,117	240	3,200			1,600				
			REVENUE BONDS	4,990	3,730	60	800			400				
X100	67		RENOVATION	KUHIO HIGHWAY, RETAINING WALLS AND/OR ROADWAY REMEDIATION AT LUMAHAI AND MAINIHA, KAUAI										
			LAND	625	525			100						
			DESIGN	1,990	1,990									
			CONSTRUCTION	11,900	11,900									
			TOTAL	14,515	14,415			100						
			REVENUE BONDS	13,825	13,725			100						
			OTHER FUNDS	690	690									

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KAUAI HIGHWAYS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD							SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23
X112	59		RENOVATION	TRAFFIC OPERATIONAL IMPROVEMENTS TO EXISTING INTERSECTIONS AND HIGHWAYS, KAUAI									
			PLANS	100	100								
			LAND	974	974								
			DESIGN	3,614	2,514			1,100					
			CONSTRUCTION	22,105	19,605			2,500					
			TOTAL	26,793	23,193			3,600					
			REVENUE BONDS	26,793	23,193			3,600					
X121	13		REPLACEMENT	KUHIO HIGHWAY, REPLACEMENT OF MAINIHA BRIDGES, NUMBERS 1, 2, AND 3, KAUAI									
			LAND	620	620								
			DESIGN	2,275	2,275								
			CONSTRUCTION	48,600	29,100		15,000		4,500				
			TOTAL	51,495	31,995		15,000		4,500				
			FEDERAL FUNDS	35,601	20,001		12,000		3,600				
			REVENUE BONDS	15,894	11,994		3,000		900				
X124	17		REPLACEMENT	KUHIO HIGHWAY, KAPAIA STREAM BRIDGE REHABILITATION AND/OR REPLACEMENT, KAUAI									
			LAND	750	750								
			DESIGN	1,300	1,300								
			CONSTRUCTION	21,545	10,795	750		10,000					
			TOTAL	23,595	12,845	750		10,000					
			REVENUE BONDS	4,719	2,569	150		2,000					
			FEDERAL FUNDS	18,876	10,276	600		8,000					

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030306

KAUAI HIGHWAYS

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
X125	20		RENOVATION	KAUMUALII HIGHWAY, OMAO BRIDGE				REHABILITATION, KAUAI						
			LAND	530	280			250						
			DESIGN	1,600	1,600									
			CONSTRUCTION	23,500	7,500			16,000						
			TOTAL	25,630	9,380			16,250						
			FEDERAL FUNDS	20,500	7,500			13,000						
			REVENUE BONDS	5,130	1,880			3,250						
X127	23		RENOVATION	KAPULE HWY/RICE ST/WAAPA RD IMPROVEMENTS AND				STRNGTHNG/WIDENG OF NAWILIWILI BRIDGE, KAUAI						
			LAND	2,304	1,704									
			DESIGN	1,200	1,200				600					
			TOTAL	3,504	2,904				600					
			REVENUE BONDS	701	581				120					
			FEDERAL FUNDS	2,803	2,323				480					
X128	10		REPLACEMENT	KUHIO HIGHWAY, REHAB. AND/OR REPL. OF WAIOLI, WAIPA, AND WAIKOKO BRIDGES, KAUAI										
			LAND	2,250	1,400		850							
			DESIGN	3,250	3,250									
			CONSTRUCTION	25,000					25,000					
			TOTAL	30,500	4,650		850		25,000					
			REVENUE BONDS	6,100	930		170		5,000					
			FEDERAL FUNDS	24,400	3,720		680		20,000					
X130	5		RENOVATION	KUHIO HIGHWAY, MAILIHUNA RD INTERS. IMP. AND				KAPAA STREAM BRIDGE REHAB. &/OR REPL., KAUAI						
			LAND	641	520		121							
			DESIGN	2,040	2,040									
			CONSTRUCTION	17,000					17,000					
			TOTAL	19,681	2,560		121		17,000					
			REVENUE BONDS	4,032	512		120		3,400					
			FEDERAL FUNDS	15,649	2,048		1		13,600					

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KAUAI HIGHWAYS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
X133	28		RENOVATION	KUHIO HIGHWAY IMPROVEMENTS IN THE VICINITY OF KCCC AND MAILUA GOLF COURSE, KAUAI										
			PLANS	250	250									
			LAND	850		850								
			DESIGN	500	250	250								
			CONSTRUCTION	12,500	3,000		9,500							
			TOTAL	14,100	3,500	1,100	9,500							
			FEDERAL FUNDS	7,600			7,600							
			REVENUE BONDS	6,500	3,500	1,100	1,900							
X134	46		RENOVATION	KUHIO HIGHWAY, SLOPE STABILIZATION AT LUMAHAI HILLSIDE, KAUAI										
			LAND	700	550									
			DESIGN	650	400									
			CONSTRUCTION	4,150	4,000		150	250						
			TOTAL	5,500	4,950		150	250	150					
			REVENUE BONDS	3,900	3,350		150	250	150					
			FEDERAL FUNDS	1,600	1,600									
X135	12		RENOVATION	NAHILIWILI ROAD IMPROVEMENTS, KANANI STREET TO KAUMUALII HIGHWAY, KAUAI										
			DESIGN	400	400									
			CONSTRUCTION	9,320	7,820			1,500						
			TOTAL	9,720	8,220			1,500						
			REVENUE BONDS	2,200	1,900			300						
			FEDERAL FUNDS	7,520	6,320			1,200						

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PROGRAM ID

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030306

KAUAI HIGHWAYS

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
X136	7		RENOVATION	KAUMUALII HIGHWAY, BRIDGE NO. 7E				REHABILITATION AND/OR REPLACEMENT, KAUAI						
			LAND	215	65		150							
			DESIGN	725	725									
			CONSTRUCTION	3,250			3,250							
			TOTAL	4,190	790		3,400							
			FEDERAL FUNDS	3,312	632		2,680							
			REVENUE BONDS	878	158		720							
X137	6		RENOVATION	KAUMUALII HIGHWAY, HANAPEPE RIVER BRIDGE				REHABILITATION AND/OR REPLACEMENT, KAUAI						
			LAND	100	100									
			DESIGN	2,500	2,500									
			CONSTRUCTION	37,000	25,000			12,000						
			TOTAL	39,600	27,600			12,000						
			REVENUE BONDS	7,920	5,520			2,400						
			FEDERAL FUNDS	31,680	22,080			9,600						
X139	53		RENOVATION	KUHIO HIGHWAY, HANAIEI BRIDGE REPAIR, KAUAI										
			DESIGN	300				300						
			CONSTRUCTION	6,000					6,000					
			TOTAL	6,300				300	6,000					
			FEDERAL FUNDS	5,040				240	4,800					
			REVENUE BONDS	1,260				60	1,200					
X140	54		RENOVATION	KUHIO HIGHWAY, MAILUA RIVER BRIDGE REPAIR, KAUAI										
			DESIGN	300				300						
			CONSTRUCTION	4,000					4,000					
			TOTAL	4,300				300	4,000					
			REVENUE BONDS	1,100				300	800					
			FEDERAL FUNDS	3,200					3,200					

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-561

030306

KAUAI HIGHWAYS

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE				BUDGET PERIOD							SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23		
X141	52		RENOVATION	KAUAI BASEYARD IMPROVEMENTS, KAUAI											
			DESIGN	100				100							
			CONSTRUCTION	600					600						
			TOTAL	700				100	600						
			REVENUE BONDS	700				100	600						
XP1501	C98		NEW	KAUMUALII HIGHWAY IMPROVEMENTS, KAUAI											
			CONSTRUCTION	1,350		1,350									
			TOTAL	1,350		1,350									
			REVENUE BONDS	1,350		1,350									
PROGRAM TOTALS															
			PLANS	8,302	8,302										
			LAND	40,690	35,119	3,350	1,121	350	750						
			DESIGN	44,096	36,996	5,050		2,050							
			CONSTRUCTION	527,983	376,883	9,600	40,400	59,000	42,100						
			TOTAL	621,071	457,300	18,000	41,521	61,400	42,850						
			SPECIAL FUND	12,419	12,419										
			FEDERAL STIMUL	17,000	17,000										
			FEDERAL FUNDS	366,334	241,613	12,440	32,961	45,640	33,680						
			OTHER FUNDS	3,590	3,590										
			COUNTY FUNDS	4,500	4,500										
			REVENUE BONDS	217,228	178,178	5,560	8,560	15,760	9,170						

STATE OF HAWAII

PROGRAM ID

PROGRAM STRUCTURE NO.

PROGRAM TITLE

TRN-595

030307

HIGHWAYS ADMINISTRATION

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT IN THOUSANDS OF DOLLARS

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
				COST	ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
X091	57		RENOVATION	ADA AND PEDESTRIAN IMPROVEMENTS AT VARIOUS LOCATIONS, STATEWIDE										
			DESIGN	3,690	1,690			1,000	1,000					
			CONSTRUCTION	46,986	43,435		1,051	2,000	500					
			TOTAL	50,676	45,125		1,051	3,000	1,500					
			REVENUE BONDS	13,355	11,405		1,050	600	300					
			FEDERAL FUNDS	37,321	33,720		1	2,400	1,200					
X096	43		OTHER	CLOSEOUT OF HIGHWAY RIGHTS-OF-WAY, STATEWIDE										
			LAND	20,300	20,000	300								
			TOTAL	20,300	20,000	300								
			G.O. BONDS REP	900	900									
			FEDERAL FUNDS	8,002	8,001	1								
			REVENUE BONDS	11,398	11,099	299								
X097	48		RENOVATION	MISCELLANEOUS DRAINAGE IMPROVEMENTS, STATEWIDE										
			DESIGN	2,580	2,280			100	200					
			CONSTRUCTION	29,500	25,830		1,170	1,000	1,500					
			TOTAL	32,080	28,110		1,170	1,100	1,700					
			FEDERAL FUNDS	2,920	2,920									
			REVENUE BONDS	29,160	25,190		1,170	1,100	1,700					
X098	3		RENOVATION	IMPROVEMENTS TO INTERSECTIONS AND HIGHWAY FACILITIES, STATEWIDE										
			DESIGN	21,750	7,900	200		10,650	3,000					
			CONSTRUCTION	68,800	60,150		900	3,750	4,000					
			TOTAL	90,550	68,050	200	900	14,400	7,000					
			REVENUE BONDS	21,312	16,922	20	90	2,880	1,400					
			FEDERAL FUNDS	69,238	51,128	180	810	11,520	5,600					

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PROGRAM ID

PROGRAM STRUCTURE NO. 030307

PROGRAM TITLE

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
X099	64		OTHER	HIGHWAY PLANNING, STATEWIDE										
			PLANS	113,526	89,766	4,840	7,420	500	11,000					
			EQUIPMENT	1,000					1,000					
			TOTAL	114,526	89,766	4,840	7,420	500	12,000					
			REVENUE BONDS	27,811	22,291	1,080	1,940	100	2,400					
			FEDERAL FUNDS	86,715	67,475	3,760	5,480	400	9,600					
X200	63		ADDITION	TRAFFIC COUNTING STATIONS AT VARIOUS LOCATIONS, STATEWIDE										
			PLANS	75	75									
			DESIGN	750	750									
			CONSTRUCTION	10,550	5,325	125	2,700	2,400						
			TOTAL	11,375	6,150	125	2,700	2,400						
			FEDERAL FUNDS	8,740	4,560	100	2,160	1,920						
			REVENUE BONDS	2,635	1,590	25	540	480						
X221	47		RENOVATION	TRAFFIC SIGNAL MODERNIZATION AT VARIOUS LOCATIONS, STATEWIDE										
			DESIGN	3,400	2,400	1,000								
			CONSTRUCTION	27,200	21,200		6,000							
			TOTAL	30,600	23,600	1,000	6,000							
			REVENUE BONDS	8,360	6,160	1,000	1,200							
			FEDERAL FUNDS	22,240	17,440		4,800							
X222	42		RENOVATION	SEISMIC RETROFIT OF VARIOUS BRIDGES, STATEWIDE										
			DESIGN	13,000	11,000	1,250			750					
			CONSTRUCTION	97,250	90,000		6,000		1,250					
			TOTAL	110,250	101,000	1,250	6,000		2,000					
			REVENUE BONDS	22,050	20,200	250	1,200		400					
			FEDERAL FUNDS	88,200	80,800	1,000	4,800		1,600					

STATE OF HAWAII

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PROGRAM ID

TRN-595

PROGRAM STRUCTURE NO. 030307

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PROGRAM TITLE

HIGHWAYS ADMINISTRATION

PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
X224	2		RENOVATION	HIGHWAY SHORELINE PROTECTION, STATEWIDE										
			PLANS	500	500									
			DESIGN	11,225	10,225			1,000						
			CONSTRUCTION	95,551	46,551			37,000	12,000					
			TOTAL	107,276	57,276			38,000	12,000					
			REVENUE BONDS	32,887	22,887			7,600	2,400					
			FEDERAL FUNDS	74,389	34,389			30,400	9,600					
X225	1		OTHER	HIGHWAYS DIVISION CAPITAL IMPROVEMENTS PROGRAM PROJECT STAFF COSTS, STATEWIDE										
			PLANS	38,023	38,014	1	1	1	1	1	1	1	1	1
			LAND	27	18	1	1	1	1	1	1	1	1	1
			DESIGN	29	20	1	1	1	1	1	1	1	1	1
			CONSTRUCTION	575,021	359,048	23,997	23,997	23,997	23,997	23,997	23,997	23,997	23,997	23,997
			TOTAL	613,100	397,100	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
			FEDERAL FUNDS	181,000	109,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
			REVENUE BONDS	97,100	97,100									
			SPECIAL FUND	335,000	191,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000
X226	44		OTHER	CLOSEOUT OF HIGHWAY CONSTRUCTION PROJECTS, STATEWIDE										
			CONSTRUCTION	23,100	22,700	200	200							
			TOTAL	23,100	22,700	200	200							
			FEDERAL FUNDS	13,009	13,007	1	1							
			REVENUE BONDS	10,091	9,693	199	199							

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TRN-595

030307

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE										SUCCEED YEARS			
				COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	BUDGET PERIOD		FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
X227	4		RENOVATION	ROCKFALL PROTECTION/SLOPE STABILIZATION AT VARIOUS LOCATIONS, STATEWIDE													
			PLANS		1,200	1,200											
			LAND		1,500	1,000							500				
			DESIGN		11,750	7,250	3,500	1,000									
			CONSTRUCTION		38,500	29,250	2,250			7,000							
			TOTAL		52,950	38,700	5,750	1,000		7,000			500				
			FEDERAL FUNDS		41,800	30,400	4,600	800		5,600			400				
			REVENUE BONDS		11,150	8,300	1,150	200		1,400			100				
X230	51		OTHER	BIKEWAY IMPROVEMENTS AT VARIOUS LOCATIONS, STATEWIDE													
			LAND		50	50											
			DESIGN		2,250	2,200		50									
			CONSTRUCTION		8,390	6,140	2,250										
			TOTAL		10,690	8,390	2,250	50									
			FEDERAL FUNDS		7,900	5,800	2,100										
			REVENUE BONDS		2,790	2,590	150	50									
X235	41		RENOVATION	MOTOR CARRIER SAFETY AND HIGHWAY SAFETY OFFICE FACILITY RENOVATIONS, STATEWIDE													
			DESIGN		75	75											
			CONSTRUCTION		5,200	2,700	2,500										
			TOTAL		5,275	2,775	2,500										
			SPECIAL FUND		575	575											
			REVENUE BONDS		4,700	2,200	2,500										

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE				BUDGET PERIOD							SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23		
X238	69		ADDITION	HEIGHT MODERNIZATION FACILITIES, STATEWIDE											
			PLANS	5,002	2			5,000							
			LAND	2,002	2				2,000						
			DESIGN	10,502	2			3,750	6,750						
			CONSTRUCTION	3,397	3,397										
			EQUIPMENT	2,297	2,297										
			TOTAL	23,200	5,700			8,750	8,750						
			REVENUE BONDS	9,198	5,698			1,750	1,750						
			FEDERAL FUNDS	14,002	2			7,000	7,000						
X241	34		RENOVATION	MAJOR PAVEMENT IMPROVEMENTS, STATEWIDE											
			DESIGN	500	500										
			CONSTRUCTION	85,500	25,500	30,000	30,000								
			TOTAL	86,000	26,000	30,000	30,000								
			FEDERAL FUNDS	50,000	2,000	24,000	24,000								
			REVENUE BONDS	36,000	24,000	6,000	6,000								
X243	50		RENOVATION	ALIAIMOKU BUILDING IMPROVEMENTS, STATEWIDE											
			DESIGN	400	200	200									
			CONSTRUCTION	3,000	1,600		1,400								
			TOTAL	3,400	1,800	200	1,400								
			REVENUE BONDS	3,400	1,800	200	1,400								
Y100	39		RENOVATION	ALIAIMOKU HALE, ELEVATOR MODERNIZATION, STATEWIDE											
			DESIGN	110		110									
			CONSTRUCTION	1,200			1,200								
			TOTAL	1,310		110	1,200								
			REVENUE BONDS	1,310		110	1,200								

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
						FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS									
Y101	45		OTHER	CLOSEOUT OF HIGHWAY DESIGN PROJECTS,										
			DESIGN	22,000	20,000	1,000	1,000							
			TOTAL	22,000	20,000	1,000	1,000							
			FEDERAL FUNDS	15,600	14,000	800	800							
			REVENUE BONDS	6,400	6,000	200	200							
Y102	C4		RENOVATION	SIGN RETROREFLECTIVITY PROGRAM, STATEWIDE										
			PLANS	500		500								
			TOTAL	500		500								
			REVENUE BONDS	500		500								
Y103	C3		NEW	HIGHWAYS DIVISION ENERGY CONSERVATION										
			CONSTRUCTION	15,500		15,500								
			TOTAL	15,500		15,500								
			REVENUE BONDS	15,500		15,500								
Y104	26		RENOVATION	KAKUHIHEWA BUILDING OFFICE RENOVATIONS,										
			DESIGN	500			500							
			TOTAL	500			500							
			REVENUE BONDS	500			500							

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PROJECT NUMBER	PRIORITY NUMBER	LOC	SCOPE	PROJECT TITLE		BUDGET PERIOD										SUCCEED YEARS
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23			
SP1602			NEW	PEDESTRIAN AND BICYCLE PATH, OAHU												
			PLANS	1			1									
			DESIGN	1			1									
			CONSTRUCTION	1,998			1,998									
			TOTAL	2,000			2,000									
			G.O. BONDS	2,000			2,000									
SP1603			NEW	PEDESTRIAN AND BICYCLE PATH, OAHU												
			PLANS	1			1									
			DESIGN	1			1									
			CONSTRUCTION	1,998			1,998									
			TOTAL	2,000			2,000									
			G.O. BONDS	2,000			2,000									
PROGRAM TOTALS																
			PLANS	162,479	133,208	5,341	7,423	5,501	11,001	1	1	1	1	1	1	1
			LAND	24,029	21,220	301	1	1	2,501	1	1	1	1	1	1	1
			DESIGN	108,084	70,063	7,261	2,553	16,501	11,701	1	1	1	1	1	1	1
			CONSTRUCTION	1,161,705	765,890	76,822	78,614	77,147	43,247	23,997	23,997	23,997	23,997	23,997	23,997	23,997
			EQUIPMENT	3,297	2,297				1,000							
			TOTAL	1,459,594	992,678	89,725	88,591	99,150	69,450	24,000	24,000	24,000	24,000	24,000	24,000	24,000
			G.O. BONDS REP	900	900											
			REVENUE BONDS	391,082	318,600	29,183	16,939	15,910	10,450							
			G.O. BONDS	4,000			4,000									
			FEDERAL FUNDS	726,537	480,103	44,542	51,652	67,240	43,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
			SPECIAL FUND	337,075	193,075	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000