

Division of Boating and Ocean Recreation
Deferred Maintenance and Capital Improvements Projects Statewide
For Small Boat Harbors Only

Island	Project Title	Project Description	Design & Permitting (in \$1,000s)	Construction (in \$1,000s)	TOTAL (in \$1,000s)
Oahu	Ala Wai Small Boat Harbor Maintenance Dredging	Maintenance dredging of harbor basin and entrance channel.	400	4,000	4,400
Oahu	Ala Wai Small Boat Harbor Paving Improvements	Resurfacing and striping of existing access roads and parking areas.	300	3,000	3,300
Oahu	Ala Wai Small Boat Water System Improvements*	Replacement of existing water mains, service laterails, and plumbing fixtures.	200	1,000	1,200
Oahu	Ala Wai Small Boat Harbor Wastewater System Improvements	Replacement of existing gravity sewer lines, pump station, and force mains.	300	4,000	4,300
Oahu	Ala Wai Small Boat Harbor Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	300	3,500	3,800
Oahu	Ala Wai Small Boat Harbor Power Monitoring Retrofit	Installation of individual power pedestals and meters for all slips and remote monitoring of electrical usage.	200	2,000	2,200
Oahu	Ala Wai Small Boat Harbor Finger Pier Repairs	Replacement of existing fingers piers and utilities along front row, 400 Row, 500 Row, and portion of 600 Row.	400	6,000	6,400
Oahu	Ala Wai Small Boat Harbor 600 Row Finger Pier Repairs*	Replacement of existing fingers piers and utilities along along a portion of 600 Row.	200	600	800
Oahu	Ala Wai Small Boat Harbor 800 Row Improvements	Replacement of existing concrete dock and tahiti tie moorings including water and electrical service.	300	3,500	3,800
Oahu	Ala Wai Small Boat Harbor Comfort Station Improvements	Renovation of existing comfort stations including new roofing, paint, toilets, urinals, plumbing fixtures, lighting, solar water heaters, and utilities.	500	5,000	5,500
Oahu	Ala Wai Small Boat Harbor Range Light Replacement*	Replacement of existing entrance channel range lights.	100	200	300
Oahu	Ala Wai Small Boat Harbor Boat Ramp Improvements	Repair to existing boat launch ramp and loading docks.	300	3,200	3,500
Oahu	Ala Wai Small Boat Harbor Aids to Navigation Improvements	Replacement of existing entrance channel markers.	200	600	800
Oahu	Haleiwa Small Boat Harbor Office & Comfort Station Renovation	Renovation of existing harbor office and comfort station.	200	1,000	1,200
Oahu	Haleiwa Small Boat Harbor Paving and Drainage Improvements	Resurfacing and restriping of existing access roads and parking areas. Reconstruction of boat wash down areas and drainage features.	300	2,000	2,300
Oahu	Haleiwa Small Boat Harbor Maintenance Dredging	Maintenance dredging of harbor basin and entrance channel.	300	2,000	2,300
Oahu	Haleiwa Small Boat Harbor Mauka Comfort Station Improvements	Replacement of existing mauka comfort station with new pre-fabricated building.	200	800	1,000
Oahu	Haleiwa Small Boat Harbor Wastewater System Improvements	Replacement of existing septic systems with new wastewater treatment systems.	250	2,000	2,250
Oahu	Haleiwa Small Boat Harbor Mauka Boat Ramp Improvements	Repair to existing boat launch ramp and loading docks.	300	2,200	2,500
Oahu	Haleiwa Small Boat Harbor Makai Boat Ramp Improvements	Repair to existing boat launch ramp and loading docks.	300	2,200	2,500
Oahu	Haleiwa Small Boat Harbor Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	300	2,000	2,300

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Oahu	Haleiwa Small Boat Harbor Power Monitoring Retrofit	Installation of individual power pedestals and meters for all slips and remote monitoring of electrical usage.	300	1,800	2,100
Oahu	Haleiwa Small Boat Harbor Water System Improvements	Replacement of existing water maines, service laterails, and plumbing fixtures.	200	1,800	2,000
Oahu	Haleiwa Small Boat Harbor Finger Pier Repairs	Replacement of existing finger piers, utilities, dock boxes, and related work.	400	4,000	4,400
Oahu	Haleiwa Small Boat Harbor Marginal Wharf Repair	Replacement of existing concrete fixed marginal wharf with new aluminum framed floating dock, including water and electrical service.	400	4,000	4,400
Oahu	Haleiwa Small Boat Harbor Aids to Navigation Improvements	Replacement of existing entrance channel markers.	100	400	500
Oahu	Heeia Kea Small Boat Harbor Wastewater System Improvements*	Construction of a new wastewater treatment system to replace the existing wastewater system.	200	1,000	1,200
Oahu	Heeia Kea Small Boat Harbor Paving Improvements, Phase 3	Resurfacing and striping of existing access roads and parking areas along north mole.	100	500	600
Oahu	Heeia Kea Small Boat Harbor Office Improvements	Replacement of existing harbor office with new office built to current building codes.	300	1,000	1,300
Oahu	Heeia Kea Small Boat Harbor South Mole Apron Repair*	Driving of sheet piles, construction of new pile caps, connection to existing failed concrete apron, replace bull rails, and water line.	200	1,500	1,700
Oahu	Heeia Kea Small Boat Harbor Loading Platform Improvements	Replacement of boater installed loading platforms with new standardized platforms.	200	600	800
Oahu	Heeia Kea Small Boat Harbor North Boat Ramp Improvements	Repair to existing boat launch ramp and loading docks.	350	2,600	2,950
Oahu	Heeia Kea Small Boat Harbor North Mole Fender Repairs	Repair to existing fenders along north mole loading dock.	200	800	1,000
Oahu	Keehi Small Boat Harbor Pier 400 Improvements	New floating dock with finger piers and utilities.	300	2,200	2,500
Oahu	Keehi Small Boat Harbor Pier 500 Improvements	New floating dock with finger piers and utilities.	300	2,200	2,500
Oahu	Keehi Small Boat Harbor Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	300	2,200	2,500
Oahu	Keehi Small Boat Harbor Power Monitoring Retrofit	Installation of individual power pedestals and meters for all slips and remote monitoring of electrical usage.	200	1,500	1,700
Oahu	Keehi Small Boat Harbor Offshore Mooring Area Improvements	Replacement of existing offshore moorings.	350	2,000	2,350
Oahu	Keehi Small Boat Harbor Sewage Lift Station Repair	Replacement of existing wastewater pumps and controls.	150	500	650
Oahu	Keehi Small Boat Harbor Boat Ramp and Loading Dock Improvements.	Repair of existing boat ramp, loading pier, and loading dock.	350	2,500	2,850
Oahu	Keehi Small Boat Harbor Paving Improvements, Phase 2*	Grading, construction or new asphalt pavement, striping, drainage improvements, and concrete retaining walls from DOBOR Admin. office to Pier 700.		1,500	1,500
Oahu	Keehi Small Boat Harbor Paving Improvements, Phase 3*	Grading, construction or new asphalt pavement, striping, drainage improvements, and concrete retaining walls from Pier 700 to 900.	100	900	1,000

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Oahu	Keehi Small Boat Harbor Paving Improvements, Phase 4	Resurfacing and restriping of existing trailer parking area.	200	1,000	1,200
Oahu	Waianae Small Boat Harbor Pier B and C Repairs*	Repair/replacement of existing piers including new utilities and gates.	500	5,500	6,000
Oahu	Waianae Small Boat Harbor Boat Ramp and Loading Dock Improvements	Repair to existing boat launch ramps and loading docks.	400	4,000	4,400
Oahu	Waianae Small Boat Harbor Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	300	2,500	2,800
Oahu	Waianae Small Boat Harbor Power Monitoring Retrofit	Installation of individual power pedestals and meters for all slips and remote monitoring of electrical usage.	200	1,500	1,700
Oahu	Waianae Small Boat Harbor Sewer and Storm Drain Improvements	Replacement of existing gravity sewer lines, storm water lines, and drainage features.	300	4,000	4,300
Oahu	Oahu District Buoy Maintenance	Inspection and maintenance of existing buoy systems under jurisdiction of DOBOR Oahu District.		300	300
Hawaii	Honokohau SBH Wastewater System Improvements	Installation of gravity sewer lines, sewer force mains, and sewage lift stations to pump onsite harbor wastewater to County sewer line on Queen K Hwy.	300	4,000	4,300
Hawaii	Honokohau Small Boat Harbor Improvements Phase 3	Asphalt paving, striping, and drainage improvements for the existing gravel trailer and vehicle parking areas on the north side of the harbor.	250	2,000	2,250
Hawaii	Honokohau Small Boat Harbor Improvements Phase 4	Asphalt paving, striping, and drainage improvements for the existing gravel access road and parking areas on the south side of the harbor.	250	2,000	2,250
Hawaii	Honokohau Small Boat Harbor Fender Repairs	Replace existing fendering along harbor marginal wharf with new plastic lumber fendering.	200	2,000	2,200
Hawaii	Honokohau Small Boat Harbor Electrical, Lighting, and Power Monitoring System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and new power usage monitoring system for all slips in the inner harbor.	300	4,000	4,300
Hawaii	Honokohau Small Boat Harbor Outer Basin Paving Improvements	Paving of existing gravel parking area at outer basin.	150	800	950
Hawaii	Honokohau Small Boat Harbor Slip Structure Evaluation	Evaluation of all permittee installed structures within the harbor to determine improvements needed to bring structures up to current building codes.	500		500
Hawaii	Honokohau Small Boat I and J Pier Improvements	Replacement of existing fixed concrete piers with new floating docks including water and electrical service.	500	4,500	5,000
Hawaii	Honokohau Small Boat Harbor Slip Improvements	Replacement of existing dock boxes, cleats, landings, and vessel access platforms.	300	2,500	2,800
Hawaii	Honokohau Small Boat Harbor Irrigation System Improvements	Replacement and installation of new irrigation systems capable of using reuse water.	300	2,500	2,800
Hawaii	Honokohau Small Boat Harbor Boat Ramp and Loading Dock Improvements	Repair of existing makai and mauka boat ramps and installation of new floating dock extensions on existing docks.	400	4,500	4,900
Hawaii	North Kawaihae Small Boat Harbor Breakwater Improvements	Reconstruction of existing north breakwater structure.	300	4,000	4,300

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Hawaii	North Kawaihae Small Boat Harbor Paving and Drainage Improvements*	Paving of existing access road and gravel parking area; drainage improvements and reconstruction of existing boat wash down area.	100	500	600
Hawaii	North Kawaihae Small Boat Harbor Marginal Wharf Repairs	Replace damaged wooden decking and structural members with plastic lumber and aluminum/fiberglass deck grating.	250	1,200	1,450
Hawaii	North Kawaihae Small Boat Harbor Boat Ramp and Loading Dock Improvements	Repair of existing boat ramp and loading docks.	300	2,200	2,500
Hawaii	North Kawaihae Small Boat Harbor Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	200	600	800
Hawaii	North Kawaihae Small Boat Harbor Comfort Station Improvements	Renovation of existing comfort stations including new roofing, paint, toilets, urinals, plumbing fixtures, lighting, and utilities.	150	450	600
Hawaii	North Kawaihae Small Boat Harbor Maintenance Dredging	Maintenance dredging of harbor basin.		600	600
Hawaii	South Kawaihae Small Boat Harbor Floating Dock Electrical and Water System Improvements	Extension of electrical service and water to existing floating dock including installation of new power/water pedestals.	200	1,000	1,200
Hawaii	South Kawaihae Small Boat Harbor Paving Improvements*	Paving of existing gravel trailer parking area.	100	400	500
Hawaii	Keauhou Small Boat Harbor Boat Ramp and Loading Dock Improvements	Repair of existing boat ramp and loading docks.	300	2,500	2,800
Hawaii	Keauhou Small Boat Harbor Comfort Station Improvements	Renovation of existing comfort stations including new roofing, paint, toilets, urinals, plumbing fixtures, lighting, and utilities.	150	450	600
Hawaii	Keauhou Small Boat Harbor Paving Improvements	Resurfacing and restriping of existing trailer parking area.	150	500	650
Hawaii	Wailoa Small Boat Harbor Paving and Drainage Improvements*	Resurfacing and restriping of existing trailer and vehicle parking, drainage improvements, and reconstruction of boat wash down area.	200	1,000	1,200
Hawaii	Wailoa Small Boat Harbor Fender Improvements	Installation of new plastic lumber fendering along marginal wharf.	200	750	950
Hawaii	Wailoa Small Boat Harbor Boat Ramp and Loading Dock Improvements	Repair of existing boat ramp and loading docks.	300	2500	2,800
Hawaii	Wailoa Small Boat Harbor Comfort Station Improvements	Renovation of existing comfort stations including new roofing, paint, toilets, urinals, plumbing fixtures, lighting, and utilities.	150	450	600
Hawaii	Wailoa Small Boat Harbor Maintenance Dredging	Maintenance dredging of harbor basin and entrance channel.	200	1,000	1,200
Hawaii	Wailoa Small Boat Harbor Water System Improvements	Replacement of water mains, service laterails, and plumbing fixtures.	150	650	800
Hawaii	Hawaii District Buoy Maintenance	Inspection and maintenance of existing buoy systems under jurisdiction of DOBOR Hawaii District.		150	150
Kauai	Kikiaola Small Boat Harbor Comfort Station and Site Improvements*	Replace existing comfort station with new larger building and paving improvements.	200	900	1,100
Kauai	Kikiaola Small Boat Harbor Water System Improvements*	Replacement of water mains, service laterails, and plumbing fixtures.	100	400	500

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Kauai	Kikiaola Small Boat Harbor Wastewater System Improvement*	Construction of new wastewater treatment system to replace existing septic system which cannot meet current demand.	100	300	400
Kauai	Kikiaola Small Boat Harbor Sand Bypassing	Bypassing of sand accumulated on the east side of the harbor and placement on the west side of the harbor.	250	1,500	1,750
Kauai	Kikiaola Small Boat Harbor Loading Dock Repairs	Replacement of existing wooden loading dock with new aluminum framed floating dock and water service.	200	2,300	2,500
Kauai	Kikiaola Small Boat Harbor Boat Ramp Repair	Repair to existing boat ramp and loading docks.	300	2,200	2,500
Kauai	Kikiaola Small Boat Harbor Paving Improvements	Resurfacing and restriping of existing access road and parking areas; new asphalt pavement and striping in existing gravel parking areas.	200	1,000	1,200
Kauai	Kikiaola Small Boat Harbor Maintenance Dredging	Maintenance dredging of harbor basin.	200	1,800	2,000
Kauai	Kikiaola Small Boat Harbor Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	150	500	650
Kauai	Kukuiula Small Boat Harbor Boat Ramp Loading Dock Repair*	Replacement of existing wooden loading dock with new aluminum framed dock and new concrete dock approach.	100	700	800
Kauai	Kukuiula Small Boat Harbor Boat Ramp Repair	Repair to existing boat ramp.	250	1,000	1,250
Kauai	Kukuiula Small Boat Harbor Marginal Wharf Repair	Repair to existing concrete marginal wharf.	250	1,000	1,250
Kauai	Kukuiula Small Boat Harbor Paving and Drainage Improvements	Resurfacing and restriping of existing access road and parking areas, drainage improvements, and reconstruction of boat wash down area.	200	1,000	1,200
Kauai	Nawiliwili Small Boat Harbor Pier Improvements	Construction of new floating finger and main piers to replace existing badly deteriorated concrete fixed piers.	400	4,500	4,900
Kauai	Nawiliwili Small Boat Harbor New Pier 400 Floating Dock	Construction of new Pier 400 floating dock.	300	2,000	2,300
Kauai	Nawiliwili Small Boat Harbor Wastewater Treatment System Improvements	Construction of new wastewater treatment system to replace overloaded, aging system.	200	1,500	1,700
Kauai	Nawiliwili Small Boat Harbor Comfort Station Improvements*	Replace existing comfort station with new larger building.	200	600	800
Kauai	Nawiliwili Small Boat Harbor Paving and Drainage Improvements	Resurfacing and restriping of existing access road and parking areas, drainage improvements, and reconstruction of boat wash down area.	300	2,500	2,800
Kauai	Nawiliwili Small Boat Harbor Marginal Wharf Repair	Repair to existing concrete marginal wharf.	250	1,000	1,250
Kauai	Nawiliwili Small Boat Harbor Boat Ramp and Loading Dock Improvements	Repair of existing boat ramp and loading docks.	300	2,200	2,500
Kauai	Nawiliwili Small Boat Harbor Water System Improvements	Replacement of water mains, service laterals, and plumbing fixtures.	150	750	900
Kauai	Nawiliwili Small Boat Harbor Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	200	1,000	1,200
Kauai	Nawiliwili Small Boat Harbor Power Monitoring Retrofit	Installation of individual power pedestals and meters for all slips and remote monitoring of electrical usage.	200	800	1,000

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Island	Project Title	Project Description	Design & Permitting (in \$1,000s)	Construction (in \$1,000s)	TOTAL (in \$1,000s)
Kauai	Port Allen Small Boat Harbor Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	200	1,000	1,200
Kauai	Port Allen Small Boat Harbor Power Monitoring Retrofit	Installation of meters for all slips and remote monitoring system to monitor electrical usage.	100	400	500
Kauai	Port Allen Small Boat Harbor Commercial Loading Dock Repair	Repair to existing corroding steel sheet piles and bulkhead at commercial loading dock.	300	1,800	2,100
Kauai	Port Allen Small Boat Harbor Boat Ramp and Loading Dock Repair	Repair to existing boat ramp and loading docks.	300	1,800	2,100
Kauai	Port Allen Small Boat Harbor Maintenance Dredging	Maintenance dredging of harbor basin and entrance channel.	200	1,800	2,000
Kauai	Port Allen Small Boat Harbor Paving and Drainage Improvements	Resurfacing and restriping of existing access road and parking areas, drainage improvements, and reconstruction of boat wash down area.	200	1,000	1,200
Kauai	Port Allen Small Boat Harbor Office Replacement	Replacement of existing shipping container office with new wood framed office.	100	500	600
Kauai	Port Allen Small Boat Harbor Fender Improvements	Installation of new fendering along wall at south side of boat ramp and new cleats.	200	800	1,000
Kauai	Port Allen Small Boat Harbor Water System Improvements	Replacement of water mains, service laterails, and plumbing fixtures.	100	500	600
Kauai	Kauai District Buoy Maintenance	Inspection and maintenance of existing buoy systems under jurisdiction of DOBOR Kauai District.		100	100
Maui	Lahaina Small Boat Harbor Inner Marginal Wharf Improvements*	Replacement of existing fixed concrete marginal wharf with new aluminum framed floating dock with plastic lumber fendering and fiber reinforced plastic decking.	300	2,100	2,400
Maui	Lahaina Small Boat Harbor Inner Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	250	1,500	1,750
Maui	Lahaina Small Boat Harbor Inner Power Monitoring Retrofit	Installation of individual power pedestals and meters for all slips and remote monitoring of electrical usage.	250	1,000	1,250
Maui	Lahaina Small Boat Harbor Boat Ramp and Loading Dock Improvements	Repair to existing boat ramp and loading dock.	300	1,500	1,800
Maui	Lahaina Small Boat Harbor Dock Boxes and Railing Repair	Replacement of existing dock boxes along front row and wooden railing around existing pier.	100	300	400
Maui	Lahaina Small Boat Harbor Main Pier Bulkhead Repair	Repair of existing concrete bulkhead and fenders around existing main pier.	200	1,300	1,500
Maui	Lahaina Small Boat Harbor Ferry Pier Improvements*	Construction of new fixed concrete ferry pier with trellis shade structure, sewage pumpout, utilities, paving area fronting existing pier, and new harbor office.	3,300	15,000	18,300
Maui	Lahaina Small Boat Harbor Front Row Improvements	Replace finger piers, ticket booths, bull rails, electrical improvements, and cleats.	300	3,000	3,300
Maui	Lahaina Small Boat Harbor Water System Improvements	Replacement of water mains, service laterails, and plumbing fixtures.	150	450	600
Maui	Lahaina Small Boat Harbor Covered Waiting Area	New covered waiting area on existing pier including lighting.	200	400	600

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Maui	Maalea Small Boat Harbor South Mole Finger Pier Repair	Replace existing finger piers along sout mole.	300	3,500	3,800
Maui	Maalaea Small Boat Harbor Maintenance Dredging	Maintenance dredging of harbor basin and entrance channel.	200	3,000	3,200
Maui	Maalaea Small Boat Harbor North Marginal Wharf Improvements	Replacement of existing structures and install new aluminum framed floating marginal wharf along north side of harbor including electrical and water service.	400	4,000	4,400
Maui	Maalaea Small Boat Harbor West Marginal Wharf Improvements	Replacement of existing concrete marginal wharf with new aluminum framed floating marginal wharf along west side of harbor including electrical and water service.	300	2,500	2,800
Maui	Maalaea Small Boat Harbor Boat Ramp and Loading Dock Improvements	Repair to existing boat ramp and loading docks.	200	1,500	1,700
Maui	Maalaea Small Boat Harbor North Loading Dock Improvements	Pavement resurfacing, replacement of fendering, concrete repairs, and replacement of fish hoist.	200	800	1,000
Lanai	Manele Small Boat Harbor Boat Ramp Improvements	Repair to existing boat ramp.	300	1,500	1,800
Maui	Maui District Buoy Maintenance	Inspection and maintenance of existing buoy systems under jurisdiction of DOBOR Maui District.	300	1,500	1,800
			33,850	240,800	274,650

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Division of Boating and Ocean Recreation
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For Boat Launching Ramps Only

Island	Project Title	Project Description	Design & Permitting (in \$1,000s)	Construction (in \$1,000s)	TOTAL (in \$1,000s)
Oahu	Kahana Bay Boat Ramp and Loading Dock Improvements	Repair to existing boat launch ramp and loading docks.	300	2,200	2,500
Oahu	Kahana Bay Boat Ramp Site Improvements	Concrete and asphalt pavement, revetment repair, and drainage improvements.	200	800	1,000
Oahu	Maunalua Bay Boat Ramp Site Improvements*	Resurfacing/restriping of existing access roads and parking areas, installation of new solar powered lighting at the boat wash down area, and erosion repair of revetment.		800	800
Oahu	Maunalua Bay Boat Ramp and Revetment Improvements	Repair of existing boat ramp, loading docks, and rock revetment.	300	2,000	2,300
Oahu	Sand Island Boat Ramp Paving Improvements	Resurfacing and restriping of existing vehicle and trailer parking area.	200	1,000	1,200
Oahu	Sand Island Boat Ramp Comfort Station Improvements	Renovation of existing comfort stations including new roofing, paint, toilets, urinals, plumbing fixtures, lighting, and utilities.	200	1,200	1,400
Oahu	Sand Island Boat Ramp Improvements	Repair of existing boat ramp and loading docks.	300	2,200	2,500
Kauai	Waikaea Canal Boat Ramp Site Improvements	Paving, drainage improvements, new comfort station, utility improvements, and lighting.	200	2,000	2,200
Kauai	Waikaea Canal Boat Ramp Aids to Navigation Improvements	Replacement of existing entrance channel markers.	200	500	700
Kauai	Waikaea Canal Boat Ramp Maintenance Dredging*	Maintenance dredging of harbor basin and entrance channel.	200	1,700	1,900
Maui	Hana Boat Ramp and Wharf Improvements*	Repair concrete boat ramp approach, new aluminum framed dock connecting existing docks, and rock revetment repair.	200	1,200	1,400
Maui	Kahului Boat Ramp Paving and Drainage Improvements	Resurfacing existing asphalt pavement, striping, and asphalt paving of existing gravel trailer parking area, and drainage improvements at boat wash down area.	250	1,200	1,450
Maui	Kahului Boat Ramp Comfort Station*	Installation of pre-fabricated comfort station.		150	150
Maui	Kahului Boat Ramp Electrical and Lighting System Improvements	Upgrade and replacement of existing electrical lines, conduits, lighting, circuit breakers, and related work.	150	450	600
Maui	Kihei Boat Ramp Repair and Loading Dock	Replaced damaged boat ramp panels and replace existing north loading dock.	300	2,200	2,500
Maui	Kihei Boat Ramp Maintenance Dredging*	Maintenance dredging of harbor basin and entrance channel.	200	800	1,000
Maui	Kihei Boat Ramp Comfort Station Improvements	Renovation of existing comfort stations including new roofing, paint, toilets, urinals, plumbing fixtures, lighting, and utilities.	200	800	1,000
Maui	Kihei Boat Ramp Paving and Drainage Improvements, Phase 2	Resurfacing and restriping of existing trailer and vehicle parking areas. Grading, new asphalt paving, and drainage improvements at existing gravel parking area.	200	1,200	1,400
			3,600	22,400	26,000

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**Division of Boating and Ocean Recreation
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For Wharves and Piers Only**

Island	Project Title	Project Description	Design & Permitting (in \$1,000s)	Construction (in \$1,000s)	TOTAL (in \$1,000s)
Hawaii	Kailua-Kona Wharf Loading Dock Repairs	Repair to existing wooden loading docks adjacent to loading and along west side of wharf.	400	3,500	3,900
Hawaii	Kailua-Kona Wharf Fender Repairs	Replacement of existing fendering system on east side of wharf.	200	1,200	1,400
Hawaii	Kailua-Kona Wharf Covered Waiting Area	New covered waiting area structure over cruise ship secure area.		600	600
Hawaii	Milolii Landing Loading Dock Improvements	Repair of existing concrete wharf.	200	1,000	1,200
Hawaii	Milolii Landing Paving Improvements	Resurfacing and restriping of existing access road and new asphalt paving in existing gravel parking area.	100	500	600
Kauai	Hanalei Pier Flood Damage Repair	Repair to damage from April 2018 flood including new concrete piles, concrete pier deck, asphalt pavement, and backfilling.	300	1,800	2,100
			1,200	8,600	9,800

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Totals by Type of Facility

	Design & Permitting (in \$1,000s)	Construction (in \$1,000s)	TOTAL (in \$1,000s)
Small Boat Harbors	33,850	240,800	274,650
Boat Launch Ramps	3,600	22,400	26,000
Wharves & Piers	1,200	8,600	9,800
TOTAL (in \$1,000s)	38,650	271,800	310,450