

DLNR RECREATIONAL RENAISSANCE

NUMBER OF CAPITAL IMPROVEMENT PROJECTS (CIP)

ISLAND	NUMBER OF CIP	AMOUNT OF CIP
Statewide	238	\$240,000,000
There are 20 statewide projects that are not listed under island listings		\$4,900,000
Kauai	46	\$63,295,000
Oahu	73	\$72,580,000
Maui	32	\$35,680,000
Molokai	6	\$4,490,000
Lanai	1	\$770,000
Hawaii	60	\$58,285,000

DLNR Recreational Modernization Plan		
Summary by County		
	Year 1-2010	Year 2-2011
Parks		
Oahu	17,470,000	5,080,000
Kauai	9,010,000	7,380,000
Maui	680,000	8,000,000
Hawaii	1,550,000	11,860,000
Statewide	1,100,000	800,000
Sub-total (Parks)	29,810,000	33,120,000
Forestry		
Oahu	0	680,000
Kauai	500,000	5,000,000
Maui	0	0
Hawaii	560,000	3,350,000
Statewide	0	0
Sub-total (Forestry)	1,060,000	9,030,000
Water Based (Boating)		
Oahu	2,080,000	5,290,000
Kauai	3,870,000	4,620,000
Maui	2,660,000	4,370,000
Hawaii	990,000	9,230,000
Statewide	1,600,000	100,000
Sub-total (Boating)	11,200,000	23,610,000
Totals		
Land Based (Parks and Forestry)		
Oahu	17,470,000	5,760,000
Kauai	9,510,000	12,380,000
Maui	680,000	8,000,000
Hawaii	2,110,000	15,210,000
Statewide	1,100,000	800,000
Total	30,870,000	42,150,000
Grand Totals(Land and Water Based)		
Oahu	19,550,000	11,050,000
Kauai	13,380,000	17,000,000
Maui	3,340,000	12,370,000
Hawaii	3,100,000	24,440,000
Statewide	2,700,000	900,000
Grand Total	42,070,000	65,760,000

Summary by Division, County and Island								12/24/2008
Parks	Year 1-2010	Year 2-2011	Year 3- 2012	Year 4-2013	Year 5-2014	Total by Island	Total by County	
Oahu	17,470,000	5,080,000	6,500,000	1,890,000	6,450,000	37,390,000	37,390,000	
Kauai	9,010,000	7,380,000	4,690,000	3,850,000	4,550,000	29,480,000	29,480,000	
Maui	680,000	7,800,000	160,000	1,350,000	3,900,000	13,890,000	15,390,000	
Molokai	0	200,000	1,300,000	0	0	1,500,000		
Lanai	0	0	0	0	0	0		
Hawaii	1,550,000	11,860,000	7,060,000	2,600,000	4,000,000	27,070,000	27,070,000	
Statewide	1,100,000	800,000	100,000	400,000	0	2,400,000	2,400,000	
Sub-total (Parks)	29,810,000	33,120,000	19,810,000	10,090,000	18,900,000	111,730,000	111,730,000	
Forestry								
Oahu	0	680,000	1,360,000	1,270,000	2,650,000	5,960,000	5,960,000	
Kauai	500,000	5,000,000	300,000	2,990,000	5,250,000	14,040,000	14,040,000	
Maui	0	0	500,000	2,500,000	0	3,000,000	5,200,000	
Molokai	0	0	0	200,000	2,000,000	2,200,000		
Lanai	0	0	0	0	0	0		
Hawaii	560,000	3,350,000	100,000	5,260,000	3,800,000	13,070,000	13,070,000	
Statewide	0	0	0	0	0	0	0	
Sub-total (Forestry)	1,060,000	9,030,000	2,260,000	12,220,000	13,700,000	38,270,000	38,270,000	
Water Based (Boating)								
Oahu	2,080,000	5,290,000	11,680,000	4,380,000	5,800,000	29,230,000	29,230,000	
Kauai	3,870,000	4,620,000	2,905,000	1,580,000	6,800,000	19,775,000	19,775,000	
Maui	2,590,000	3,670,000	3,390,000	5,970,000	3,170,000	18,790,000	20,350,000	
Molokai	0	0	0	90,000	700,000	790,000		
Lanai	70,000	700,000	0	0	0	770,000		
Hawaii	990,000	9,230,000	2,645,000	2,680,000	2,600,000	18,145,000	18,145,000	
Statewide	1,600,000	100,000	600,000	100,000	100,000	2,500,000	2,500,000	
Sub-total (Boating)	11,200,000	23,610,000	21,220,000	14,800,000	19,170,000	90,000,000	90,000,000	
Totals								
Land Based (Parks and Forestry)								
Oahu	17,470,000	5,760,000	7,860,000	3,160,000	9,100,000	43,350,000	43,350,000	
Kauai	9,510,000	12,380,000	4,990,000	6,840,000	9,800,000	43,520,000	43,520,000	
Maui	680,000	7,800,000	660,000	3,850,000	3,900,000	16,890,000	20,590,000	
Molokai	0	200,000	1,300,000	200,000	2,000,000	3,700,000		
Lanai	0	0	0	0	0	0		
Hawaii	2,110,000	15,210,000	7,160,000	7,860,000	7,800,000	40,140,000	40,140,000	
Statewide	1,100,000	800,000	100,000	400,000	0	2,400,000	2,400,000	
Total	30,870,000	42,150,000	22,070,000	22,310,000	32,600,000	150,000,000	150,000,000	
Grand Totals(Land and Water Based)								
Oahu	19,550,000	11,050,000	19,540,000	7,540,000	14,900,000	72,580,000	72,580,000	
Kauai	13,380,000	17,000,000	7,895,000	8,420,000	16,600,000	63,295,000	63,295,000	
Maui	3,270,000	11,470,000	4,050,000	9,820,000	7,070,000	35,680,000	40,940,000	
Molokai	0	200,000	1,300,000	290,000	2,700,000	4,490,000		
Lanai	70,000	700,000	0	0	0	770,000		
Hawaii	3,100,000	24,440,000	9,805,000	10,540,000	10,400,000	58,285,000	58,285,000	
Statewide	2,700,000	900,000	700,000	500,000	100,000	4,900,000	4,900,000	
Grand Total	42,070,000	65,760,000	43,290,000	37,110,000	51,770,000	240,000,000	240,000,000	

DOBOR CIP Project Listing for Recreational Modernization Plan

12/24/08

Island	Facility	Scope of Work	Year 1 - 2010		Year 2 - 2011		Year 3 - 2012		Year 4 - 2013		Year 5 - 2014	
			Design	Construction	Design	Construction	Design	Construction	Design	Construction	Design	Construction
Hawaii	Kawaihae SBH South	Paved access roadway and security fencing	200,000			2,000,000						
Hawaii	Kawaihae SBH South	Parking improvements	40,000			400,000						
Hawaii	Kawaihae SBH South	Water system improvements	80,000			900,000						
Hawaii	Kawaihae SBH South	Electrical and lighting improvements	120,000			1,200,000						
Hawaii	Kawaihae SBH South	Landscaping	20,000			100,000						
		Facility Subtotal	460,000			4,600,000						
Hawaii	Puako Boat Ramp	Boat ramp and loading dock improvements	40,000			400,000						
Hawaii	Puako Boat Ramp	Revetment reconstruction	50,000			450,000						
Hawaii	Puako Boat Ramp	Roadway & parking improvements	40,000			350,000						
Hawaii	Puako Boat Ramp	New comfort station	50,000			500,000						
		Facility Subtotal	180,000			1,700,000						
Hawaii	Kawaihae SBH North	New marginal pier	80,000			900,000						
Hawaii	Kawaihae SBH North	New boat washdown area	30,000			200,000						
Hawaii	Kawaihae SBH North	Comfort station improvements	40,000			400,000						
		Facility Subtotal	150,000			1,500,000						
Kauai	Port Allen SBH	Comfort station improvements	40,000			500,000						
Kauai	Port Allen SBH	Roadway & parking improvements	40,000			400,000						
Kauai	Port Allen SBH	Boat ramp and loading dock improvements	150,000			1,600,000						
Kauai	Port Allen SBH	Dock improvements	0	3,400,000								
		Facility Subtotal	230,000	3,400,000		2,500,000						
Kauai	Kukuiula SBH	New boat washdown area	10,000			100,000						
Kauai	Kukuiula SBH	Boat ramp and loading dock improvements	90,000			900,000						
		Facility Subtotal	100,000			1,000,000						
Lanai	Manele SBH	Boat ramp and loading dock improvements	70,000			700,000						
Maui	Lahaina SBH	Electrical system improvements	100,000			1,000,000						
Maui	Lahaina SBH	Water system improvements	60,000			600,000						
Maui	Lahaina SBH	Roadway & parking improvements	40,000			400,000						
Maui	Lahaina SBH	Boat ramp and loading dock improvements	40,000			400,000						
		Facility Subtotal	240,000			2,400,000						
Maui	Mala Boat Ramp	Boat ramp and loading dock improvements	0	2,250,000								
Maui	Mala Boat Ramp	Roadway & parking improvements	60,000			600,000						
Maui	Mala Boat Ramp	New electrical & lighting system	40,000			400,000						
		Facility Subtotal	100,000	2,250,000		1,000,000						
Oahu	Ala Wai SBH	Roadway & parking improvements	100,000			1,200,000						
Oahu	Ala Wai SBH	Water distribution system improvements	120,000			1,200,000						
Oahu	Ala Wai SBH	Boat ramp and loading dock improvements	80,000			800,000						
Oahu	Ala Wai SBH	New boat washdown area	40,000			400,000						
Oahu	Ala Wai SBH	New debris catchment	60,000			600,000						
Oahu	Ala Wai SBH	New comfort station	80,000			800,000						
		Facility Subtotal	480,000			5,000,000						
Oahu	Sand Island Boat Ramp	Boat ramp and loading dock improvements	100,000				900,000					
Oahu	Sand Island Boat Park	New ocean recreation facility, phase I	1,500,000				7,500,000					
		Facility Subtotal	1,600,000				8,400,000					
SW	Statewide	Environmental Mitigation/Restoration	250,000	750,000								
SW	Statewide	New Mooring Buoys		250,000			250,000					
SW	Statewide	New Ocean Recreation Demarcation Buoys		250,000			250,000					
Hawaii	Honokohau SBH	Roadway, drainage & parking improvements			100,000			1,100,000				
Hawaii	Honokohau SBH	Water system improvements			70,000			700,000				
Hawaii	Honokohau SBH	Electrical system improvements			60,000			600,000				
		Facility Subtotal			230,000			2,400,000				
Kauai	Nawiliwili SBH	Roadway & parking improvements			35,000			350,000				
Kauai	Nawiliwili SBH	Loading dock replacement			35,000			350,000				
Kauai	Nawiliwili SBH	New boat washdown area			10,000			100,000				
Kauai	Nawiliwili SBH	New comfort station/office			80,000			750,000				
		Facility Subtotal			160,000			1,550,000				
Maui	Kahului Boat Ramp	New Comfort Station			60,000			600,000				
Maui	Kahului Boat Ramp	Roadway & parking improvements			50,000			500,000				
Maui	Kahului Boat Ramp	Water and sewer system improvements			100,000			1,000,000				
Maui	Kahului Boat Ramp	Community pavilion			60,000			600,000				
		Facility Subtotal			270,000			2,700,000				
Oahu	Keehi SBH	Water & electrical systems improvements			100,000			1,000,000				
Oahu	Keehi SBH	Boat ramp and loading dock improvements			70,000			700,000				
Oahu	Keehi SBH	Roadway & parking improvements			35,000			350,000				
Oahu	Keehi SBH	New comfort station			60,000			600,000				
Oahu	Keehi SBH	Revetment reconstruction			25,000			250,000				
		Facility Subtotal			290,000			2,900,000				
Hawaii	Kailua-Kona Wharf	New loading docks					30,000			300,000		
Hawaii	Kailua-Kona Wharf	Comfort station improvements					40,000			400,000		
Hawaii	Kailua-Kona Wharf	Parking improvements					30,000			250,000		
		Facility Subtotal					100,000			950,000		
Hawaii	Keauhou SBH	Boat ramp and loading dock improvements					70,000			650,000		
Hawaii	Keauhou SBH	Roadway & parking improvements					25,000			250,000		
Hawaii	Keauhou SBH	Electrical & lighting system improvements					25,000			250,000		
Hawaii	Keauhou SBH	Comfort station improvements					25,000			200,000		
		Facility Subtotal					145,000			1,350,000		
Kauai	Waikaea Boat Ramp	Loading dock improvements					25,000			250,000		
Kauai	Waikaea Boat Ramp	Launch ramp improvements					30,000			350,000		
		Facility Subtotal					55,000			600,000		
Maui	Kihei Boat Ramp	Loading dock replacements					30,000			300,000		
Maui	Kihei Boat Ramp	Roadway & parking improvements					50,000			500,000		
Maui	Kihei Boat Ramp	New upper parking area					40,000			400,000		
Maui	Kihei Boat Ramp	New electrical & lighting system					20,000			300,000		
Maui	Kihei Boat Ramp	New launch ramp lane					60,000			600,000		
		Facility Subtotal					200,000			2,100,000		
Maui	Maalaea SBH	New Comfort Station					50,000			500,000		
Maui	Maalaea SBH	Boat ramp and loading dock improvements					120,000			1,200,000		
		Facility Subtotal					170,000			1,700,000		
Oahu	Maunaloa Bay	Replace channel markers					40,000			400,000		
Oahu	Maunaloa Bay	Launch ramp replacement					80,000			800,000		
Oahu	Maunaloa Bay	New boat washdown area					20,000			200,000		
Oahu	Maunaloa Bay	New loading dock					90,000			900,000		
Oahu	Maunaloa Bay	New comfort station					50,000			500,000		
Oahu	Maunaloa Bay	New revetment at canoe club area					30,000			300,000		
Oahu	Maunaloa Bay	Parking improvements					50,000			500,000		
Oahu	Maunaloa Bay	Roadway Improvements					20,000			200,000		
		Facility Subtotal					380,000			3,800,000		

DOBOR CIP Project Listing for Recreational Modernization Plan

12/24/08

Island	Facility	Scope of Work	Year 1 - 2010		Year 2 - 2011		Year 3 - 2012		Year 4 - 2013		Year 5 - 2014	
			Design	Construction	Design	Construction	Design	Construction	Design	Construction	Design	Construction
Hawaii	Wailoa SBH	Roadway & parking improvements							30,000			300,000
Hawaii	Wailoa SBH	Water & electrical systems improvements							70,000			700,000
Hawaii	Wailoa SBH	Comfort station improvements							40,000			400,000
		Facility Subtotal							140,000			1,400,000
Kauai	Kikiaola SBH	Sand by-pass							80,000			800,000
Kauai	Kikiaola SBH	Breakwater improvements							180,000			1,800,000
Kauai	Kikiaola SBH	Roadway & parking improvements							60,000			600,000
Kauai	Kikiaola SBH	Boat ramp and loading dock improvements							60,000			600,000
		Facility Subtotal							380,000			3,800,000
Maui	Maliko Boat Ramp	Boat ramp and loading dock improvements							80,000			800,000
Molokai	Kaunakakai SBH	Revetment reconstruction							40,000			200,000
Molokai	Kaunakakai SBH	Parking improvements							30,000			300,000
Molokai	Kaunakakai SBH	New boat washdown area							20,000			200,000
		Facility Subtotal							90,000			700,000
Oahu	Kahana Boat Ramp	Roadway & parking improvements							20,000			200,000
Oahu	Heeia Kea SBH	Roadway & parking improvements							80,000			800,000
Oahu	Heeia Kea SBH	Water & electrical systems improvements							25,000			250,000
Oahu	Heeia Kea SBH	New boat washdown area							35,000			350,000
Oahu	Heeia Kea SBH	Repair fender system							20,000			200,000
		Facility Subtotal							160,000			1,600,000
Oahu	Haleiwa SBH	New comfort station/office							70,000			700,000
Oahu	Haleiwa SBH	Repair revetment							70,000			700,000
Oahu	Haleiwa SBH	Roadway & parking improvements							50,000			500,000
		Facility Subtotal							190,000			1,900,000
Oahu	Waianae SBH	Boat ramp and loading dock improvements							60,000			600,000
Oahu	Waianae SBH	Roadway & parking improvements							100,000			1,000,000
Oahu	Waianae SBH	New boat washdown area							50,000			500,000
		Facility Subtotal							210,000			2,100,000
Phase Totals by Phase and Island												
	Hawaii		790,000	0	230,000	7,800,000	245,000	2,400,000	140,000	2,300,000	0	1,400,000
	Kauai		330,000	3,400,000	160,000	3,500,000	55,000	1,550,000	380,000	600,000	0	3,800,000
	Lanai		70,000	0	0	700,000	0	0	0	0	0	0
	Maui		340,000	2,250,000	270,000	3,400,000	370,000	2,700,000	80,000	3,800,000	0	800,000
	Molokai		0	0	0	0	0	0	90,000	0	0	700,000
	Oahu		2,080,000	0	290,000	5,000,000	380,000	11,300,000	580,000	3,800,000	0	5,800,000
	Statewide		250,000	1,250,000	0	0	0	500,000	0	0	0	0
		Total Phase Cost by Year (Improvements)	3,860,000	6,900,000	950,000	20,400,000	1,050,000	18,450,000	1,270,000	10,500,000	0	12,500,000
Statewide Projects												
SW	Statewide	Improvements to Existing Mooring & Demarcation Buoys		100,000		100,000		100,000		100,000		100,000
Statewide Maintenance Dredging Projects												
Hawaii	Kawaihae SBH North	Maintenance dredging	200,000			1,200,000						
Kauai	Port Allen SBH	Maintenance dredging	140,000			700,000						
Maui	Maalaea SBH	Maintenance dredging					320,000			1,600,000		
Kauai	Nawiliwili SBH	Maintenance dredging			140,000			700,000				
Kauai	Kukuiula SBH	Maintenance dredging			120,000			600,000				
Hawaii	Wailoa SBH	Maintenance dredging							240,000			1,200,000
Kauai	Waikaea Boat Ramp	Maintenance dredging							300,000			1,500,000
Kauai	Kikiaola SBH	Maintenance dredging							300,000			1,500,000
Maui	Mala Boat Ramp	Maintenance dredging							200,000			920,000
Maui	Kihei Boat Ramp	Maintenance dredging							140,000			700,000
Maui	Kahului Boat Ramp	Maintenance dredging							150,000			750,000
Maintenance Dredging Costs by Island												
	Hawaii		200,000	0	0	1,200,000	0	0	240,000	0	0	1,200,000
	Kauai		140,000	0	260,000	700,000	0	1,300,000	600,000	0	0	3,000,000
	Maui		0	0	0	0	320,000	0	490,000	1,600,000	0	2,370,000
		Total Phase Cost by Year (Maintenance Dredging)	340,000	0	260,000	1,900,000	320,000	1,300,000	1,330,000	1,600,000	0	6,570,000
TOTAL PHASE COST BY YEAR (IMPROVEMENTS + STATEWIDE)			4,200,000	7,000,000	1,210,000	22,400,000	1,370,000	19,850,000	2,600,000	12,200,000	0	19,170,000
GRAND TOTAL BY YEAR				11,200,000		23,610,000		21,220,000		14,800,000		19,170,000

Land-Based CIP Project Listing for Recreational Modernization Plan (Parks)

12/24/2008

Island	Facility	Scope of Work	YEAR 1 2010		YEAR 2 2011		YEAR 3 2012		YEAR 4 2013		YEAR 5 2014	
			Design	Construction	Design	Construction	Design	Construction	Design	Construction	Design	Construction
Hawaii	Hapuna Beach SRA	Comfort station, pavillions, rental cabins, camping areas, picnic areas & new concessions expansion improvements	\$250,000			\$2,300,000						
Hawaii	Hapuna Beach SRA	Shoreline stabilization and flood damage mitigation	\$100,000			\$1,000,000						
		Facility Subtotal	\$350,000			\$3,300,000						
Hawaii	Kiholo State Park	Roadway and parking improvements	\$200,000			\$2,000,000						
Hawaii	Kiholo State Park	Wilderness camping areas, picnic areas, composting toilets	\$250,000			\$2,500,000						
		Facility Subtotal	\$450,000			\$4,500,000						
Hawaii	Kekaha Kai SP	Improve Maniniowali/Kua Bay and Mahaiula sections.	\$100,000			\$400,000						
Hawaii	Kekaha Kai SP	Park, parking & road improvements	\$250,000			\$2,600,000						
Hawaii	Kekaha Kai SP	Restoration improvements to Kaelemakule house as an interpretive facility	\$100,000			\$300,000						
		Facility Subtotal	\$450,000			\$3,300,000						
Hawaii	Mauna Kea SRA	Water system improvements	\$50,000	\$250,000								
Kauai	Kokee SP	Rental cabin improvements	\$150,000			\$3,000,000						
Kauai	Kokee SP	Kokee Road improvements.	\$0	\$8,000,000								
Kauai	Kokee/Waimea Canyon	Water system improvements.	\$300,000			\$2,500,000						
Kauai	Kokee SP	Parking and interpretive displays.	\$80,000			\$800,000						
Kauai	Kokee SP	New Niihau lookout at Hinahina	\$80,000			\$600,000						
		Facility Subtotal	\$8,610,000			\$6,900,000						
Kauai	Wailua River SP	Renovate comfort station at Old Smiths Landing	\$0	\$400,000								
Oahu	Diamond Head SM	Phase 3 rockfall mitigation	\$0	\$4,000,000								
Oahu	Diamond Head SM	Linear park improvements	\$0	\$2,500,000								
Oahu	Diamond Head SM	Return trail improvements	\$0	\$2,000,000								
		Facility Subtotal	\$8,500,000									
Oahu	Iolani Palace SM	Climate control improvements	\$0	\$3,000,000								
Oahu	Iolani Palace SM	Perimeter gates & fence improvements	\$70,000			\$700,000						
		Facility Subtotal	\$3,070,000									
Oahu	*Ka Iwi Scenic Shoreline	Makapuu lighthouse entry road & lookout	\$0	\$4,000,000								
Oahu	Malaekahana SRA	Comfort station improvements	\$0	\$600,000								
Oahu	Malaekahana SRA	Improvements to rental cabins	\$100,000			\$3,700,000						
		Facility Subtotal	\$700,000									
Oahu	Kahana Valley SP	Coconut Grove & Visitor Interpretive Center comfort station improvements	\$0	\$600,000								
Oahu	Nuuanu Pali WS	Informational and interpretive signage and display devices	\$0	\$200,000								
Oahu	Sand Island SRA	Multi-facility park improvements	\$300,000					\$2,200,000				
Oahu	Sand Island SRA	Irrigation system improvements	\$100,000					\$400,000				
		Facility Subtotal	\$400,000					\$2,600,000				
Maui	Puaa Kaa WS	Replace deteriorated water system	\$80,000			\$800,000						
Maui	Waianapanapa SP	Park and rental cabin improvements	\$400,000			\$5,300,000						
Maui	Wainapanapa SP	New comfort station for new camp area	\$200,000			\$1,700,000						
		Facility Subtotal	\$600,000			\$7,000,000						
SW	Statewide	Develop asset management plan of standards and guidelines to inventory and maintain facilities	\$400,000									
SW	Statewide	Construct entry and parking control stations.	\$200,000	\$400,000		\$400,000						
SW	Statewide	Install interpretive signage and displays	\$100,000			\$400,000						
		Facility Subtotal	\$1,100,000			\$800,000						
Hawaii	Akaka Falls SP	Water system improvements			\$80,000			\$350,000				
Hawaii	Akaka Falls SP	Land acquisition for additional parking improvements			\$80,000			\$800,000				
		Facility Subtotal			\$160,000			\$1,150,000				
Hawaii	Wailoa River SRA	Parking, lighting, pathway and family pavillion improvements			\$300,000			\$3,000,000				
Hawaii	Wailoa River SRA	Parking, bridges, pavillion nos. 1-3, comfort station and memorial area improvements			\$200,000			\$2,000,000				
		Facility Subtotal			\$500,000			\$5,000,000				
Hawaii	Wailuku River SP	Drainage and parking improvements at Boiling Pots			\$100,000			\$400,000				
Kauai	Haena Stewardship	Parking and roadway improvements			\$80,000			\$600,000				
Kauai	Haena Stewardship	Na Pali Coast SP trail restoration & stability improvements			\$300,000			\$3,000,000				
Kauai	Haena Stewardship	Na Pali Coast SP protection improvements of archaeological sites at Nualolo Kai			\$0			\$250,000				
Kauai	Haena Stewardship	Na Pali Coast SP water system improvements at Milolii			\$100,000			\$400,000				
		Facility Subtotal			\$480,000			\$4,250,000				
Oahu	Kaena Stewardship	Main roadway improvements including visual delineation of roadway and installing barriers with rocks/piling along roadway corridor			\$150,000			\$1,100,000				
Oahu	Kaena Stewardship	Establish designated spur roads & pull outs for authorized 4WD vehicle use			\$80,000			\$200,000				
Oahu	Kaena Stewardship	Establish separate hiking trail from parking lot at end of the paved road to NAR and establish wilderness campsites			\$150,000			\$400,000				
Oahu	Kaena Stewardship	New road corridor near Camp Erdman			\$150,000			\$1,000,000				
Oahu	Kaena Stewardship	Visitor orientation / interpretive center & ranger station			\$150,000			\$1,000,000				
		Facility Subtotal			\$680,000			\$3,700,000				
Molokai	Palaau SP	Water system improvements			\$100,000			\$350,000				
Molokai	Palaau SP	Pavilion & camping area improvements			\$100,000			\$950,000				
		Facility Subtotal			\$200,000			\$1,300,000				

Land-Based CIP Project Listing for Recreational Modernization Plan (Forestry)

Island	Area/Facility	Scope of Work	YEAR 1 2010		YEAR 2 2011		YEAR 3 2012		YEAR 4 2013		YEAR 5 2014	
			Design	Construction	Design	Construction	Design	Construction	Design	Construction	Design	Construction
Hawaii	Upper Waiakea FR	Puu oo Saddle House Camp Sites. Camp sites with parking and access road improvements.	\$100,000			\$1,000,000						
Hawaii	Upper Waiakea FR Mauna Loa FR	Paved parking at Puu oo and Puu Huluhulu trail heads and interpretive displays.	\$80,000			\$600,000						
Hawaii	Hilo Watershed FR	Kipuka 21 Wildlife parking lot and interpretive displays.	\$80,000			\$400,000						
Hawaii	Ala Kahakai National Historic Trail	Hapuna to Kiholo trail survey, restoration, signage and interpretive displays	\$150,000			\$500,000						
Hawaii	Ala Kahakai National Historic Trail	Kiholo to Kekaha Kai trail survey, restoration, signage and interpretive displays	\$150,000			\$500,000						
Kauai	Lihue-Koloa FR Na Pali-Kona FR	Bridge restoration at Keahua Stream, N. Fork Wailua River and Kawai Koi Stream.	\$450,000			\$4,500,000						
Kauai	Alakai Wilderness Preserve	Replace 2 miles of Alakai Boardwalk.	\$50,000			\$500,000						
Hawaii	Puu Anahulu GMA	Public shooting range.			\$350,000					\$3,500,000		
Oahu	Mokuleia FR	Peacock Flats Campground - Improve campground complex and roads			\$100,000			\$200,000				
Oahu	Mokuleia FR	Improvements for pedestrian & bike 3-mile road/walk to forest reserve boundary			\$180,000			\$200,000				
Oahu	Kaena Stewardship	New Boardwalk at NAR			\$100,000			\$200,000				
Oahu	Kaena Stewardship	Improvements to install erosion control mats, plant native vegetation, establish new rock barrier near end of the NAR and install interpretive displays at scenic points and hiking trails			\$100,000			\$600,000				
Oahu	Kaena Stewardship	Improvements to plant native vegetation, protection of bird nesting areas, protection of sensitive areas with barriers and installing vertebrate control measures from end of paved road through the NAR						\$160,000				
Oahu	Kaena Stewardship	Land acquisition, 4 parcels			\$200,000							
Hawaii	Kapapala F.R.	New road to improve access to the Ainapo trail and cabin					\$100,000			\$1,500,000		
Kauai	Lihue Koloa F.R.	Public shooting range.					\$300,000			\$2,500,000		
Maui	Wahikuli State Lands	Wahikuli Off Highway (OHV) Trail Riding area - 665 acres, to provide authorized OHV activities, with 30 - 40 miles of trails.					\$500,000			\$2,500,000		
Hawaii	Mauna Kea FR	Mauna Kea Camp Sites - Construct 10 composting toilets for 10 camp sites							\$40,000			\$250,000
Hawaii	Mauna Kea FR	Mauna Kea hunter & recreational access road improvements for 4-wheel drive vehicles							\$120,000			\$2,800,000
Hawaii	Kohala FR	Reconstruct Kapalaoa Falls Trail that was damaged during the earthquake and install interpretive displays							\$100,000			\$750,000
Kauai	Koikee SP	Develop parking areas for Kukui Trail, Awaawapuhi Trail, and Nualolo Trails and install interpretive displays							\$90,000			\$750,000
Kauai	Na Pali-Kona FR	Mohihi & Camp 10 Access Road - Replace metal bridges along Kauaikinana Stream & a tributary leading to Kauaikinana Stream.							\$200,000			\$2,500,000
Kauai	Mana Plains FR	Mana Plains Waterbird Sanctuary Development. Additional 250 acres to match \$1 million Coastal Grant from USFWS and \$250,000 WHIP grant from NRCS.							\$200,000			\$2,000,000
Oahu	Moanalua FR	Moanalua road and trail improvements and install interpretive displays							\$370,000			\$1,000,000
Oahu	Honolulu Watershed FR	Manoa Falls - Improve viewing area with natural landscaping and interpretive displays.							\$200,000			\$400,000
Oahu	Honolulu Watershed FR	Makiki Forest trail head improvements including parking areas and interpretive displays.							\$300,000			\$800,000
Oahu	Waimanalo FR	Maunawili Falls trail upgrades to fix dangerous sections of trail.							\$200,000			\$250,000
Oahu	Na Ala Hele Trail	Lanikai trail upgrades to fix dangerous sections of trail.							\$200,000			\$200,000
Molokai	Hoolehua Wetlands	Survey and restore open pond area of the 75 acre parcel. Remove sediment to restore natural water ponding and remove vegetation and replace with native plants. Install water pumps to control water levels. Fence core pond areas for predator mitigation.							\$200,000			\$2,000,000
SUBTOTAL COST BY YEAR			\$1,060,000	\$0	\$1,030,000	\$8,000,000	\$900,000	\$1,360,000	\$2,220,000	\$10,000,000	\$0	\$13,700,000
TOTAL COST BY YEAR				\$1,060,000		\$9,030,000		\$2,260,000		\$12,220,000		\$13,700,000
TOTAL COST FOR 5 YEAR												\$38,270,000

FR - Forest Reserve
GMA - Game Management Area
NAR - Natural Area Reserve
SP - State Park