



DEPARTMENT OF FACILITY MAINTENANCE

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POWERS, DUTIES, AND FUNCTIONS

The Department of Facility Maintenance administers the City's repair and maintenance programs for roads, bridges, streams, flood control systems, traffic signs and markings, city buildings and office facilities, and city vehicles and heavy equipment excluding certain vehicles and equipment belonging to the Police and Fire departments and the Board of Water Supply. It also administers the repair and maintenance programs for mechanical, electrical, and electronic equipment and facilities for parks, streetlights and communication centers. The department also provides property management, parking garage management, security and interdepartment mail services. Additionally, the department provides heavy vehicle and heavy equipment training support to city agencies.

ORGANIZATION

The department is organized into three major divisions, Automotive Equipment Services, Public Building and Electrical Maintenance, and Road Maintenance. The Office of the Director and Chief Engineer provides management and administrative direction and oversight.

Direction is provided in human resource management, budget planning and execution, program coordination, heavy vehicle and equipment operator training and safety, interdepartment mail services, and other matters of general administration and management. The Construction and Maintenance Fiscal Section of the Department of Budget and Fiscal Services provides fiscal management support. The Department of Information Technology provides computer system support.

HIGHLIGHTS

As part of the Mayor's program to increase environmentally friendly fuel/energy efficient programs and reduce fossil fuel dependence, the department completed conversion from diesel fuel to biodiesel at all Automotive Equipment Services fueling sites, and continued the phase-in of hybrid vehicles in the City's fleet. Major projects completed by Public Building & Electrical Maintenance staff include construction and installation of service counters and work stations at Koolau Driver License facility; cabinet work, painting and electrical services for the Pearl Ridge Satellite City Hall renovation; carpentry, plumbing, air conditioning, painting, electrical and mechanical work for the temporary McCully Fire Station; and replacement of data cables for various agencies. Crews also maintained 46,605 streetlights by replacing lamps, installing luminaries and replacing photocells and completed 251 joint-pole changeovers. In addition, road maintenance crews resurfaced 38 lane miles of roadways; patched 73,013 potholes throughout Oahu as identified primarily through the Pothole Hotline; cleaned and inspected over 15,493 catch basins and inlets; cleaned 167 streams, ditches and boulder basins; striped 798 crosswalks; and installed or replaced 5,573 traffic signs.

DIVISION OF AUTOMOTIVE EQUIPMENT SERVICES

DUTIES AND FUNCTIONS

The Division of Automotive Equipment Service (AES) is responsible for planning, directing, coordinating and administering all programs and activities associated with the maintenance and repair of the automotive, heavy vehicle, and construction equipment fleets of most city departments and agencies (with the exception of the Honolulu Fire Department, Honolulu Police Department, and the Board of Water Supply). The division has the following vehicles/equipment under its jurisdiction: 1,510 on-road/highway vehicles, 132 off-road/non-highway equipment, and 576 miscellaneous equipment (e.g., trailers, forklifts, compressors, generators, etc.); for a total of 2,218 pieces.

ORGANIZATION

The division is organized into four activities: Administration, Storekeeping, Service & Lubrication, and Repair and Maintenance.

The Administration includes the Quality Control & Inspection activity. This activity is responsible for all preventive maintenance and inspection scheduling, production control, work order data processing and review, quality assurance, disposal of replaced vehicles/equipment and is the primary custodian of the City's computerized fleet management system.

Storekeeping is responsible for the acquisition, storage, issuance, and disposal of tools, equipment, replacement parts, accessories, general supplies, and solicitation of private contract equipment and vehicle repair services for the entire division. It is also responsible for processing the division's purchase orders and purchase requisitions.

The Service and Lubrication activity provides fueling, tire repair/replacement and maintenance, lubrication, and cleaning of all equipment supported by this division. Rural fueling stations are also located throughout Oahu at City and County Corporation Yards operated by the Division of Road Maintenance. Board of Water Supply and some state and federal agencies purchase fuel from AES stations when fuel is not available at their own locations.

The Repair & Maintenance operation is the division's major operational activity. The Repair and Maintenance sections include: the Halawa Automotive Repair Shop, Construction Equipment Repair Shop, Welding Shop, Body and Fender Shop, Pearl City Automotive Repair Shop, Kapaa Automotive Repair Shops and the newly created Light Equipment Repair Shop.



Pearl City Repair Facility



Kapaa Repair Facility

ACTIVITY HIGHLIGHTS

As part of the Mayor's initiative and commitment to make the City & County of Honolulu less dependent on fossil fuels, AES completed the conversion from diesel fuel to biodiesel (B20) in June of 2007. All fueling sites that are operated by DFM are now dispensing B20. The continued phase-in of hybrid vehicles also strengthens the City's commitment to reduce harmful emissions to the environment.

Installation of an automated fueling system was completed at the Pearl City Repair Facility. Future plans call for this system to be installed at the Halawa and Umi Street Fueling Facilities.

Future projects for AES include participation in a test program to install diesel particulate filters on some of the diesel powered vehicles in the fleet. This filter can significantly reduce emissions on these vehicles.

ACTIVITY SUMMARY

Storekeeping:

Number of stock parts transactions.....	29,364
Number of non-stock parts transactions	54,560
Number of fuel (issues) transactions	71,099
Number of parts/services charged to commercial transactions.....	2,241

Service & Lubrication:

Lubrication (job tasks completed)	1,156
Tire repair and replacement (jobs tasks completed)	3,293

Repair & Maintenance (job tasks completed):

Halawa Yard Automotive Repair & Maintenance	20,575
Construction Equipment Repair & Maintenance	3,989
Leeward Yard (Pearl City) Repair & Maintenance	6,211
Windward Yard (Kapaa) Repair & Maintenance	3,988
Welding Shop.....	975
Body Fender & Repair.....	1,098

PUBLIC BUILDING AND ELECTRICAL MAINTENANCE DIVISION

DUTIES AND FUNCTIONS

The Public Building and Electrical Division is responsible for the repair, maintenance and renovation programs for all public buildings and appurtenant structures; street, park, mall, outdoor and other city lighting and electrical facilities; and communication facilities on the Island of Oahu that are under the jurisdiction of the Department of Facility Maintenance. Daily custodial and utility services are provided for a number of these facilities with a combination of in-house staff and private contractors. The division also administers activities including property management, parking garage management, municipal parking lot management, city employees' parking, motor pool and security for Honolulu Hale, Kapolei Hale, Honolulu Municipal Building and other city facilities.

ORGANIZATION

The division is organized into four branches: Repair and Maintenance (R&M), Traffic Electrical Maintenance Services (TEMS), Custodial and Utility Services (CUS), and Parking and Property Management (PPM).

The Repair and Maintenance Branch includes eight sections: Air Conditioning, Carpentry, Electrical, Masonry, Painting, Plumbing, Mechanical Repair, and Building Maintenance Repair. This branch provides skilled trades and support personnel to repair, maintain and perform renovation work on all public buildings under the jurisdiction of the Department of Facility Maintenance. This branch also operates a cabinet making shop for the construction of custom designed furniture.

The Traffic Electrical Maintenance Services Branch includes four sections: Electrical Maintenance Services, Electronic Maintenance Services, Central Warehousing, and Shop Operations. This branch performs construction, installation and maintenance work for street, park, mall, indoor and outdoor lighting, and other city lighting, electrical and communication facilities. This branch also operates a central warehouse and electrical shop. A night crew is maintained to answer all related trouble calls.

The Custodial and Utility Services Branch includes five sections: Honolulu Hale, Honolulu Municipal Building, Honolulu Police Department Headquarters, Carpet Cleaning and Utility Services. This branch provides custodial and utility services for all city-owned and leased facilities.

The Parking and Property Management Branch includes three sections: Parking Operations, Property Management and Security. This branch administers management contracts for parking garages and city properties, provides employee parking, manages municipal parking lots, operates a motor pool and provides security services for the Civic Center Complex and other city facilities.

ACCOMPLISHMENTS

The Repair and Maintenance Branch completed 6,583 work orders to accomplish its preventive maintenance program, and repair and maintenance projects.

Our staff completed the following major projects:

- (1) Koolau Driver License – Constructed and installed service counters and work stations. Provided electrical, telephone and data installation as needed.
- (2) Department of Information Technology – Replaced existing Type 9 data cables with new Cat 5 cables for various departments.
- (3) Pearl Ridge Satellite City Hall Renovation – Performed cabinet work and painting as required. Provided electrical, telephone and data installation as needed.
- (4) Waialua Caretaker's Cottage – Performed carpentry, plumbing, electrical and painting work on relocated home from Waimanalo area.
- (5) McCully Fire Temporary Station - Performed carpentry, plumbing, painting, air conditioning, electrical and mechanical work for the temporary facility.

The following repair and maintenance contract projects were completed during the fiscal year:

- | | |
|--|-------------|
| (1) Public Building & Electrical Maintenance Shop – Emergency termite treatment..... | \$10,025.00 |
| (2) Wahiawa Police Station Repainting – Repainting exterior of the building. | \$24,995.00 |
| (3) Waterfront Fire Station – Repainting the exterior of the building..... | \$26,600.00 |

The Traffic Electrical Maintenance Services Branch accomplished the following:

- (1) Maintained 46,605 street lights by replacing defective or burned out lamps, photocells, and luminaires. Also, responded to emergency calls, completed 251 joint-pole changeovers and logged in 30,388 miles in the performance of night duties.
- (2) Completed repair and maintenance work for the indoor and outdoor lighting at various parks and recreation centers for the Department of Parks and Recreation.

- (3) Tested and maintained civil defense sirens.
- (4) Installed special event banners on streetlight poles in the Downtown and Waikiki areas for the Aloha Week Festivities, Honolulu Festival, Matsuuri Festival and for special events at the Hawaii Convention Center.
- (5) Assisted Oahu Civil Defense in the maintenance and repair of the electronic equipment for the rain gauge at the Kawainui Marsh and Maunawili Stream.
- (6) Implemented an aggressive replacement and preventive maintenance program to replace corroded street light standards located throughout the Island of Oahu.
- (7) Maintained a purchasing, receiving, storing and issuing system for various supplies, tools and equipment.

The Custodial and Utility Services Branch provided custodial and groundskeeping services for the rural police stations, Fire Training Center, Waianae Neighborhood Community Center, Repair and Maintenance Facility, Hauula Civic Center, Kapahulu Motor Vehicle Inspection, Soil and Material Testing Lab, Waipahu Fire Maintenance and Storeroom Facility, Medical Examiner Facility, Iwilei Health Services Facility and Police Training Facility. Custodial services were provided for Honolulu Hale and its annexes, Mayor Frank F. Fasi Municipal Building, Honolulu Police Headquarters, Honolulu Fire Headquarters, Airport Industrial Center, Walter Murray Gibson Building, Government Office Building, Dan Liu Building, Kapolei Police Station, Kapolei Hale, City Square Driver License Facility, and Motor Vehicle and Licensing Division at Chinatown Gateway Plaza.

The Parking and Property Management Branch provided employee parking, motor pool services, and security services for the Mayor Frank F. Fasi Civic Center Complex, Halawa Corporation Yard, Kapolei Corporation Yard and other city facilities. This branch administered and managed seven parking management contracts for public garages located in Chinatown Gateway Plaza, Marin Tower, Kekaulike Courtyards, Hale Pauahi, Kukui Plaza, Smith Beretania and Harbor Tower. It also managed two parking meter operated garages located in Harbor Village and Lani Huli Elderly and thirteen municipal surface parking lots located throughout the Island of Oahu. The Branch also administered and managed property management contracts for residential and commercial properties located at Chinatown Gateway Plaza, Chinatown Manor, Ewa Villages, Foster Gardens, Harbor Village, Kanoa Apartments, Kulana Nani Apartments, Manoa Gardens, Marin Tower, Pauahi Hale, Westlake Apartments, Westloch Elderly and Winston Hale.

DIVISION OF ROAD MAINTENANCE

DUTIES AND FUNCTIONS

The Division of Road Maintenance is primarily responsible for the maintenance of all streets and municipal parking lots under the jurisdiction of the City and County of Honolulu. It also renders pavement maintenance to private roadways open to public use. In addition, it has the major responsibility of maintaining the many city-owned streams, channels, ditches and other flood control and storm drainage systems located throughout the Island of Oahu, as well as enforcing the maintenance of privately owned streams.

The division also performs dead animal pickup services and provides assistance to the Department of Environmental Services Division of Refuse Collection and Disposal in supervision of some of their rural area refuse collection operations.

Emergency work generated by heavy rains, wind, tsunamis, earthquakes and other natural disasters are another responsibility of this division. Also, because of its resources and capability to perform varied types of work, it is often called upon to assist other city agencies and departments in special situations and emergencies.



Workers cleaning debris from drainage channel.

ORGANIZATION

The division carries out its duties with staff and personnel operating out of ten corporation baseyards. Three baseyards (Halawa, Sand Island and College Walk) service the Honolulu district. Rural baseyards are located in the districts of Kailua, Kaneohe, Pearl City, Laie, Waialua, Wahiawa and Waianae.

The Halawa baseyard is organized into eight major sections: Roadside, Storm Drain and Stream Cleaning, Street Sweeping (Sand Island), Clean Team (College Walk), Masonry and Carpentry, Road Pavement Maintenance and Repairs,

Signs and Markings, and Equipment Pool. Crews from the last four sections also provide support to the rural areas.

The College Walk, Kailua, Kaneohe, Pearl City, Laie, Waiialua, Wahiawa and Waianae baseyards are organized generally to retain operational flexibility in providing the many types of services required at various demand levels.

ACTIVITY HIGHLIGHTS

- (1) Resurfaced 38 lane miles of roadways with in-house city crews.
- (2) Provided extensive first aid type repairs and resurfacing to numerous roadways island-wide by placing a thin asphalt overlay on deteriorated pavements areas to minimize further deterioration and provide a better riding surface until contract resurfacing funds become available.
- (3) Continued the program to contract cleaning and maintenance services for miscellaneous vacant/remnant city lots and sidewalk areas by awarding five contracts to maintain 147 locations.
- (4) In conjunction with the State Department of Transportation, continued the division’s Pothole Hotline Program. This fiscal year, 5,807 calls were received on a 24-hour hotline; 5,454 requests were for pothole patching and pavement repairs and the rest for other work. A total of 73,013 potholes were patched at locations identified through the Pothole Hotline and other means.
- (5) As part of the Mayor’s Clean Stream Program, continued the Adopt-A Stream Program. Volunteer groups have officially adopted and cleaned streams.
- (6) Approximate totals of 15,493 catch basins, inlets, and manholes and 384,022 lineal feet of storm drain lines were inspected and cleaned.
- (7) Continued program to inspect all city-owned streams and drainage ditches and 24 boulder basins in the inventory and clean them as necessary; 167 streams, ditches and boulder basins were cleaned, many more than once.

ACCOMPLISHMENTS

Street Maintenance

TONS ASPHALTIC CONCRETE LAID BY IN-HOUSE CREWS

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
First Aid and Resurfacing.....	2,387	1,829	9,354	23,566	13,604	14,066
Pothole Patching	1,077	1,060	2,058	1,592	705	2,097
TOTAL.....	3,464	2,889	11,412	25,188	14,309	16,163

In addition, 2,098 bags/buckets of proprietary roadway patching material were used primarily to patch potholes.

Stream Cleaning

Streams, ditches and boulder basins cleared or dredged during the year included the following:

HONOLULU

- Kalani Iki Boulder BasinManauwea Ditch
- Ahuwale Ditch Manoa Stream
- Ailuna Ditch..... Manoa Palolo Stream
- Analii Ditch Moanalua Stream
- Hahaione Boulder Basin (East and West) Mona Ditch
- Haku Ditch Muliwai Ditch
- Hausten Ditch Narcissus Ditch
- Hema Ditch..... Ninini Ditch
- Hiyane’s Ditch Niu Boulder Basins (E & W)
- Kaamilo Ditch Niu Stream
- Kamiloiki Stream..... Moanalua Boulder Basin
- Kipu Ditch..... Nuuanu Stream
- Kihau Ditch Nihi Ditch
- Kalihi Stream Opihi Ditch
- Kuahea Ditch..... Oheke Ditch 1
- Kalama Valley Lined ChannelPoola Ditch
- Kuakini Ditch Paniolo Ditch
- Kalaniiki Ditch..... Papali Ditch
- Kalapaki Ditch..... Pauoa Stream

Kalawao Ditch..... Poipu Ditch
 Kekuanoni Ditch Portlock Ditch
 Kuikele DitchRuth Place Ditch
 Kamiloiki Boulder BasinUhini Place Ditch
 Kapalama CanalUmalu Ditch
 Kalapaki Ditch..... Waolani Stream
 Kapakahi Stream..... Waolani Ditch
 Kuliouou Stream Wailupe Boulder Basin
 Kipu Ditch..... Waialae Nui Ditch
 Kula Kolea Ditch..... Waialae Nui Stream
 Kuikele DitchWailupe Ditch
 Kuliouou Boulder Basin Wailupe Stream
 Makiki Ditch..... Wainiha Street Ditch
 Mamalu Ditch Wailupe Stream
 Holy Trinity Ditch Waiomao Stream
 Lunalilo Terrace Ditch Wainiha Street Ditch
 Luinakoa Ditch..... Wawaimalu Stream
 Lunalilo Interceptor Ditch Wood Ditch
 Manaiki Stream

PEARL CITY

Aahualii DitchKapakahi Stream
 Campbell Industrial Ditch Kokole Ditch
 Ewa Lined Ditch Komo Mai Drive Debris Catcher
 Ewa Sump Noelani Ditch
 Halawa Ditch..... Palailai Ditch
 Hoolehua Drain OutletPearl City Stream
 Hoomaemae Ditch..... Wailani Stream
 Kaaholo DitchWaipahu Stream
 Kalauao Stream Waipio Gentry Ditch
 Kapolei Drainage Channel

KAILUA

Aikahi STP Ditch..... Kaopa Silt Basin
 Akaakoa Ditch Easement..... Kapaa Quarry Road Ditches
 Akiohala Ditch EasementKawainui Canal
 Alahaki Ditches..... Kawainui Dike
 Hele Channel..... Keolu Lined Channel
 Hui Lined Channel..... Kuuna Ditch
 Kaelepulu Stream Mouth Lanipo Ditch
 Kahawai Stream North Kalaheo Footpath Ditch
 Kalaheo Hillside Ditch..... Waimanalo Stream
 Kamahale Ditch

KANEOHE

Anolani Stream.....Kuneki Drainage Channel
 Ben Parker Ditch Kuneki Place Swale
 Fong's Ditch Lohiehu Ditch
 Halemanu Street BasinsNohonani Ditch
 Hui Kelu Street Slope Easement..... Pilina Ditch
 Hui Uliuli Channel Puahuula Place Ditch
 Kaneohe Dam Puuohalai Place Ditch
 Keaahala Ditch..... Yacht Club Ditches (2)
 Keaahala Stream Pua Inia Ditch
 KA-1 ChannelHeeia Stream (under bridge)
 KA-2 ChannelHio Place Boulder Basin
 Kuneki Ditches (3)

WAIANAE

Alamihi DitchNanakuli Lined Channel
K-2 Boulder Basin.....Piliuka Ditch
Kawiwi Stream Easement..... Pokai Bay Ditches
Leihoku Ditch..... Turbidity Barriers
M-2 Channel..... Ulehawa U-1 Channel
M-3 Channel..... Ulehawa U-2 Channel
M-4 Channel..... Ulehawa U-3 Channel
Maipalaoa StreamU-1 Channel

LAIE

Hanaimoa Ditch Kawaipapa Stream
Hauula Homestead Road Ditch..... Ke Iki Ditch
Hoalua DitchPaumalu Flood Control
Kahawainui Stream Flood ControlWaipuhi Stream

WAHIAWA

Meheula Lined Ditch.....Waipio Lined Ditch
Lanikuhana Lined Ditch.....Whitmore Open Ditch
Nakula Lined Ditch..... Nani Ihi Avenue Ditch

Masonry and Carpentry

Heavy construction masonry and carpentry crews based in Honolulu do all masonry and carpentry work in Honolulu and assist the rural districts as needed. Two smaller masonry crews operating out of the Pearl City and Kailua baseyards do routine jobs, mainly sidewalk repairs for the Leeward and Windward Districts, respectively. A summary of work done includes the following:

- (1) Installed 419 feet of drain lines of various sizes.
- (2) Repaired or reconstructed 19,412 square feet of Reinforced Concrete, Concrete Masonry Unit (CMU) and Concrete Rubble Masonry (CRM) walls.
- (3) Repaired or installed 1,571 feet of guardrails (metal/wood) and 3,667 feet of chain link fences.
- (4) Reset, reconstructed and/or repaired 1,474 feet of broken, uneven, settled, curbs and/or gutters.
- (5) Reconstructed 213 catch basin deckings.
- (6) Reconstructed 54,701 square feet of sidewalk by in-house crews island-wide.

Street Sweeping

The following table shows the number of curb miles swept mechanically during the fiscal year.

CURB MILES SWEEP MECHANICALLY

<u>FISCAL YEAR</u>	<u>HONOLULU</u>	<u>RURAL</u>	<u>TOTAL</u>
2002	36,743	6,161	42,904
2003	35,324	4,860	40,184
2004	32,138	4,869	37,007
2005	30,115	5,259	35,374
2006	22,218	3,286	25,504
2007	28,207	5,652	33,859

During the year, crews in Honolulu and rural yards serviced 1,542 litter containers at bus stops, malls and other locations throughout the island at various frequencies. Containers were distributed throughout the island as follows:

Honolulu - 947	Wahiawa - 74
Pearl City - 210	Waianae - 63
Kaneohe - 102	Waialua - 26
Kailua - 74	Laie - 45

Signs and Markings

The Signs and Markings crews based in Honolulu do the installation and maintenance of traffic signs and markings in Honolulu and assist the rural districts as needed. A summary of work done includes:

- (1) Painted 16,114 lineal feet of curbs
- (2) Striped 889 miles of traffic lines
- (3) Striped 798 crosswalks
- (4) Installed 9,930 pavement markers
- (5) Manufactured 6,486 traffic signs
- (6) Installed/reset/replaced 5,573 traffic signs and 2,502 posts.

AID TO OTHER AGENCIES

Department of Design and Construction (DDC)

Assisted in the preparation of construction documents for street rehabilitation and sidewalk reconstruction projects.

Department of Environmental Services (DES)

- (1) Assisted the Storm Water Quality Branch in investigating illegal discharges into the storm drainage system.
- (2) Provide refuse administration for Laie, Wahiawa and Waialua districts.
- (3) Provided relief personnel for absent refuse collectors as needed.
- (4) Provided dead animal pickup service in all rural districts.
- (5) Assisted in road repairs as requested at various sewer line breaks.
- (6) After hour vehicle fueling.
- (7) Repair damages to driveways by refuse vehicles.

Department of Transportation Services (DTS)

- (1) Installed/revised traffic signs and markings to improve traffic control.
- (2) Maintained bikeway facilities.
- (3) Swept parking areas and serviced litter containers at the Hawaii Kai, Wahiawa, Kunia, Mililani, Kapolei and Waialua Park-and-Ride Facilities.

Board of Water Supply (BWS)

- (1) Assisted in road repairs as requested at various waterline breaks.
- (2) Assisted in trench patching for emergency call outs.
- (3) Assisted in pumping water from waterline breaks and with heavy equipment and operators for waterline repairs.

Department of Planning and Permitting (DPP)

- (1) Cleaned sidewalk areas and repaired sidewalks and driveways per citations and work orders.

Department of Parks and Recreation (DPR)

- (1) In conjunction with the "Clean Team" reorganization, continued maintenance responsibilities for Chinatown/ Downtown malls (Fort Street, Kekaulike Street, River Street, Kalikimaka, Kila and College Walk) and parks (Wilcox, Chinatown Gateway, Kamalii, Smith-Beretania, and Aala).
- (2) Assisted in emergency removal of damaged street tree branches during and following storm events.
- (3) Assisted in the hauling of DPR heavy equipment.
- (4) Assisted in maintaining DPR facilities.

Others

- (1) Support Honolulu City Lights and Rediscover Oahu (Sunset in the Communities) activities.
- (2) Moved and set up equipment for special events at Honolulu Hale and Kapolei Hale.
- (3) Provided cleanup services and/or signing and traffic control services for various events, such as, the Hooleaulea (Downtown/Waikiki), Aloha Week Parade, Tree Lighting Ceremony and the Kamehameha Day Parade.
- (4) Provide litter pickup services for community and stream cleanups.
- (5) Distributed supplies for community cleanups and storm drain stenciling projects.
- (6) Cleared illegal dumpsites at various locations in the community and transported material for disposal/recycling.
- (7) Cleared landslides impacting City roads and drainage facilities following storm events.
- (8) Cleared sand, coral and rocks from State portions of Kamehameha Highway following high surf events.
- (9) Cleared downed State trees and tree branches from city roadways.