

**Notice of Meeting
UNIVERSITY OF HAWAI'I**

BOARD OF REGENTS COMMITTEE ON PLANNING AND FACILITIES

Members: Regents Yuen (Chair), Kudo (Vice-Chair), Moore, Putnam,
Shinsato, and Wilson

Date: Thursday, May 24, 2018

Time: 1:30 p.m.

Place: University of Hawai'i at Mānoa
Information Technology Building
1st Floor Conference Room 105A/B
2520 Correa Road
Honolulu, Hawai'i 96822

AGENDA

I. Call Meeting to Order

II. Approval of Minutes of April 5, 2018 Meeting

III. Public Comment Period for Agenda Items: All written testimony on agenda items received after posting of this agenda and up to 24 hours in advance of the meeting will be distributed to the board. Late testimony on agenda items will be distributed to the board within 24 hours of receipt. Written testimony may be submitted via US mail, email at bor@hawaii.edu, or facsimile at 956-5156. Individuals submitting written testimony are not automatically signed up for oral testimony. Registration for oral testimony on agenda items will be provided at the meeting location 15 minutes prior to the meeting and closed once the meeting begins. Oral testimony is limited to three (3) minutes. All written testimony submitted are public documents. Therefore, any testimony that is submitted verbally or in writing, electronically or in person, for use in the public meeting process is public information.

IV. Agenda Items

A. For Review & Recommend Board Approval

1. Revision of November 2013 Moratorium on New Construction Projects

B. Information & Discussion

1. John A. Burns School of Medicine and Cancer Center Parking Update
2. FY18 Third Quarter Capital Improvement Project Status Update
3. Strategic Directions 21st Century Facilities Metrics
4. Committee Annual Review

V. Adjournment

University of Hawai'i Board of Regents

RESOLUTION

Supporting Moratorium on Square Footage Growth

WHEREAS, the University of Hawai'i System ("University") has a deferred maintenance backlog of \$742 million for general and special funded facilities both on and off campus; and

WHEREAS, in addition to the deferred maintenance backlog, many University facilities are in need of substantial modernization to meet the needs of 21st-century students and faculty; and

WHEREAS, every square foot of space incurs ongoing costs for ongoing operations and maintenance as well as major improvements over time; and

WHEREAS, the deferred maintenance backlog can be reduced and further growth in the backlog can be limited by reducing or limiting the growth of the University's space inventory; and

WHEREAS, studies have indicated that there is a significant amount of space that is underutilized, often due to the poor quality and functionality of the space; and

WHEREAS, it is in the best interest of the University to encourage all forms and methods of capital projects, including the demolition and replacement of existing facilities; and

WHEREAS, the University must not simply rely on increased capital funding to address the deferred maintenance backlog in the context of modernizing University facilities, but must also maximize the utilization of existing space inventory in an efficient and prioritized manner; and

WHEREAS, in 2013, the Board of Regents adopted a resolution imposing a moratorium on all new construction at the University of Hawaii System for an initial term of three years and possible additional time to reduce the deferred maintenance and repair ("DMR") balance to an acceptable level; and

WHEREAS, the Board of Regents recognizes that there is still a need to reduce the DMR balance and to implement innovative strategies to modernize and improve the University's facilities systemwide.

NOW THEREFORE, BE IT RESOLVED that there shall be a moratorium on all new construction that results in an increase in square footage without an equivalent reduction in square footage on any campus with an overall deferred maintenance backlog greater than 10% (ten percent) of the replacement value of its facilities; and

BE IT FURTHER RESOLVED that any proposed new construction project must have an accompanying proposal to remove an equal or greater amount of space from the campus's inventory to achieve net-zero growth in square footage; and

BE IT FURTHER RESOLVED that this resolution shall not apply to exceptions approved by the Board of Regents or public-private partnership (P3) opportunities that do not impose significant new operations and maintenance or major improvement obligations on the University; and

BE IT FURTHER RESOLVED that this moratorium will be reevaluated after 3 years to determine the

level of the DMR balances overall and at each major unit (Mānoa, Community Colleges, Hilo, and West O‘ahu) and to assess the effectiveness of this moratorium in moving toward well-maintained and efficiently utilized 21st-century facilities on all campuses.

Adopted by the Board of Regents
University of Hawai‘i
_____, 2018

“Grandfathered” Exceptions:

Honolulu CC Science Building
Culinary Institute of the Pacific
Hawai‘i Community College Redevelopment (subject to Board of Regents approval of development plan)
Snyder Replacement Building
UH West Oahu academic space to accommodate enrollment growth



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John A. Burns School of Medicine (JABSOM) & Cancer Center Parking Update

Planning & Facilities Committee

May 24, 2018

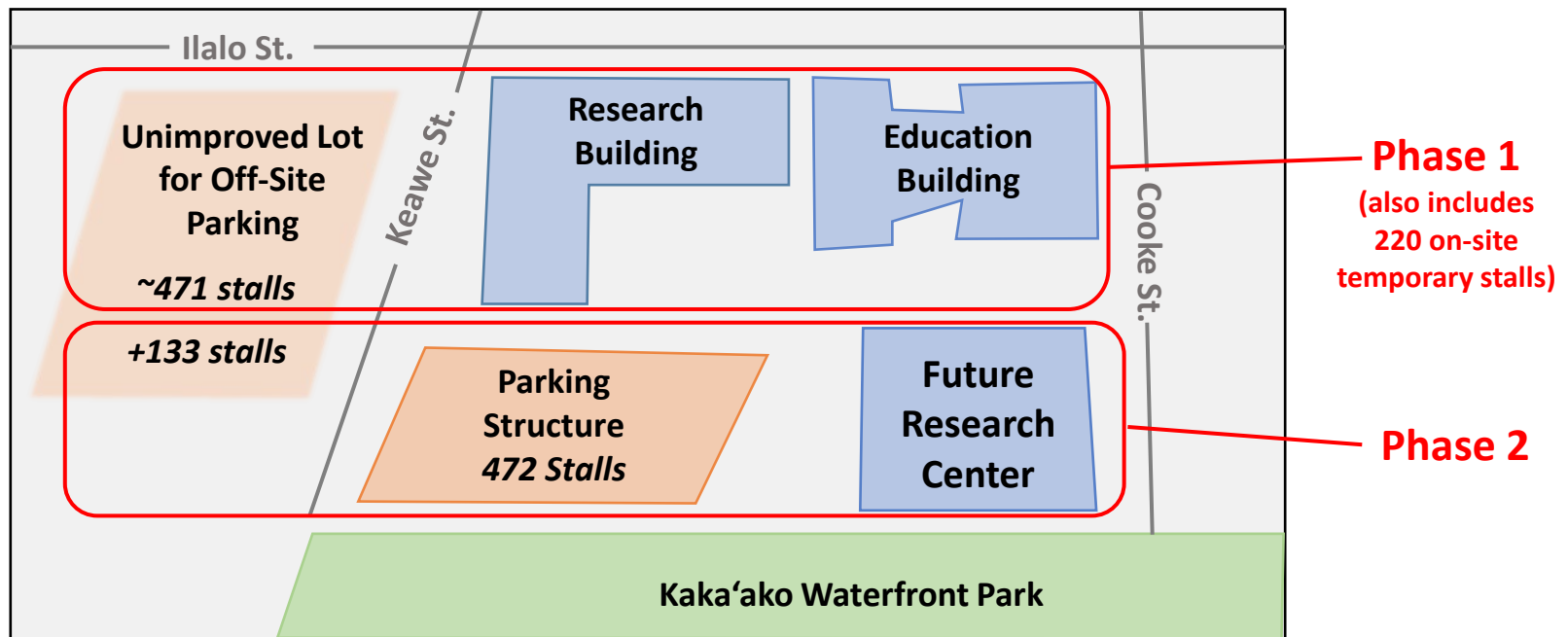


JABSOM & Cancer Center



2002 – JABSOM Development Plan

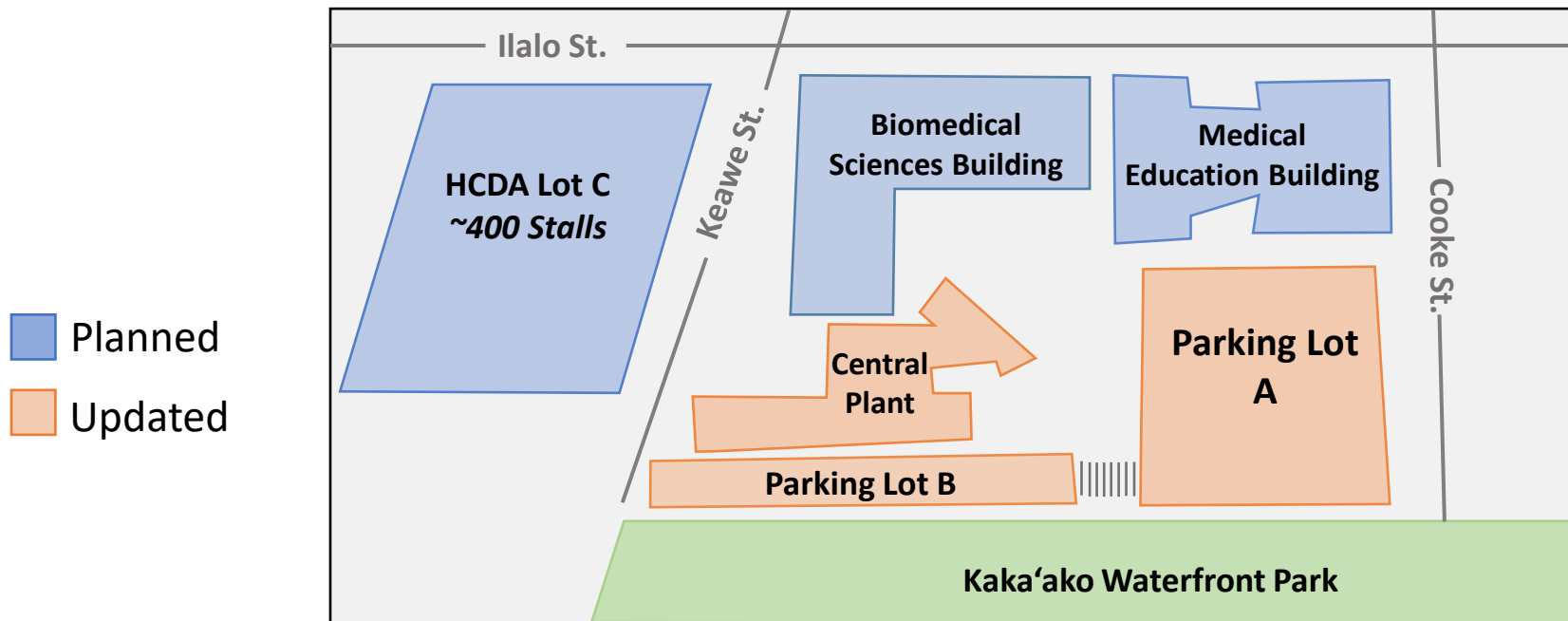
- 57-year ground lease (2002 to 2059) with Hawai'i Community Development Authority (HCDA) for 9.898 acres
- HCDA approved development permit to construct Phase 1 and Phase 2 below
- Total parking requirement for Phase 1 and Phase 2: 1,081 stalls*
 - 472 stalls of on-site parking
 - 604 stalls off-site
- 2003: Off-site parking agreement with HCDA for 426 stalls from July 2004 through July 2009



*Cited directly from 2002 Development Permit

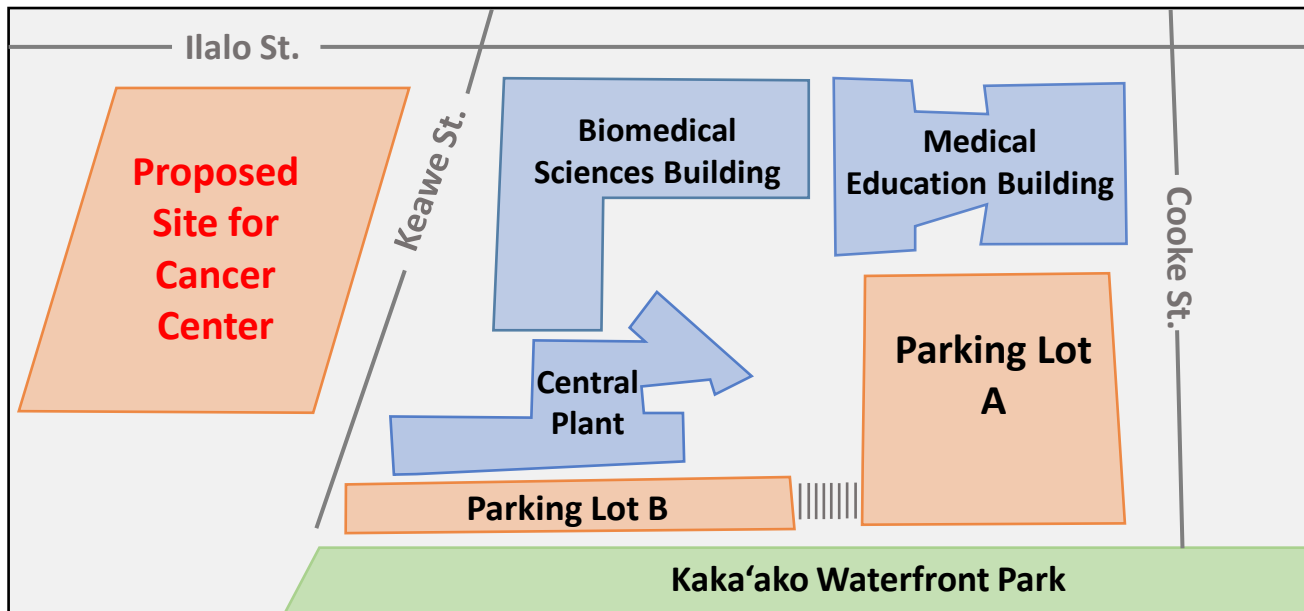
2006 – JABSOM Campus Completed

- On-Site Parking (Parking Lots A and B): ~200 stalls
- Off-Site Parking (Parking Lot C): ~400 stalls



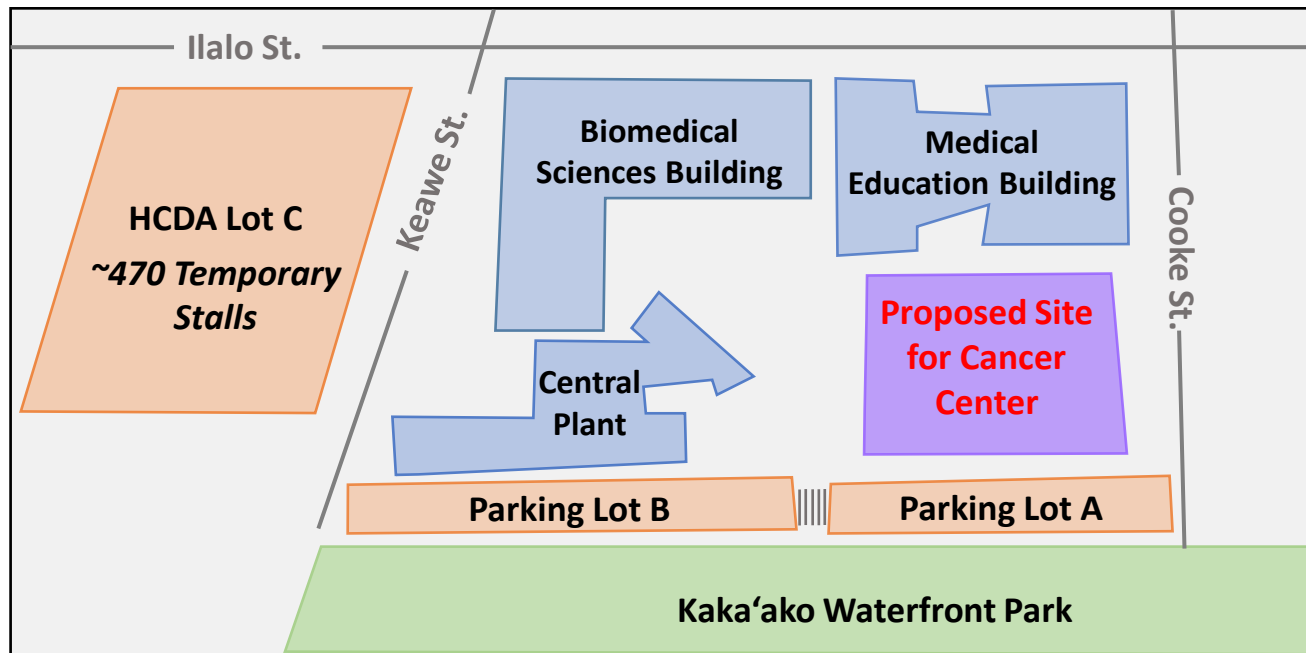
Plans to Build Cancer Center on Lot C

- 2008: 65-year conditional development lease with HCDA to build the Cancer Center on Parking Lot C
- Lease subject to the following conditions with a delivery date of August 31, 2013:
 - Establish a conceptual plan for building the Cancer Center
 - Obtain development permit from HCDA
 - Complete Environmental Assessment/Environmental Impact Statement
 - Obtain Special Management Area permit
- Lease agreement was silent on parking



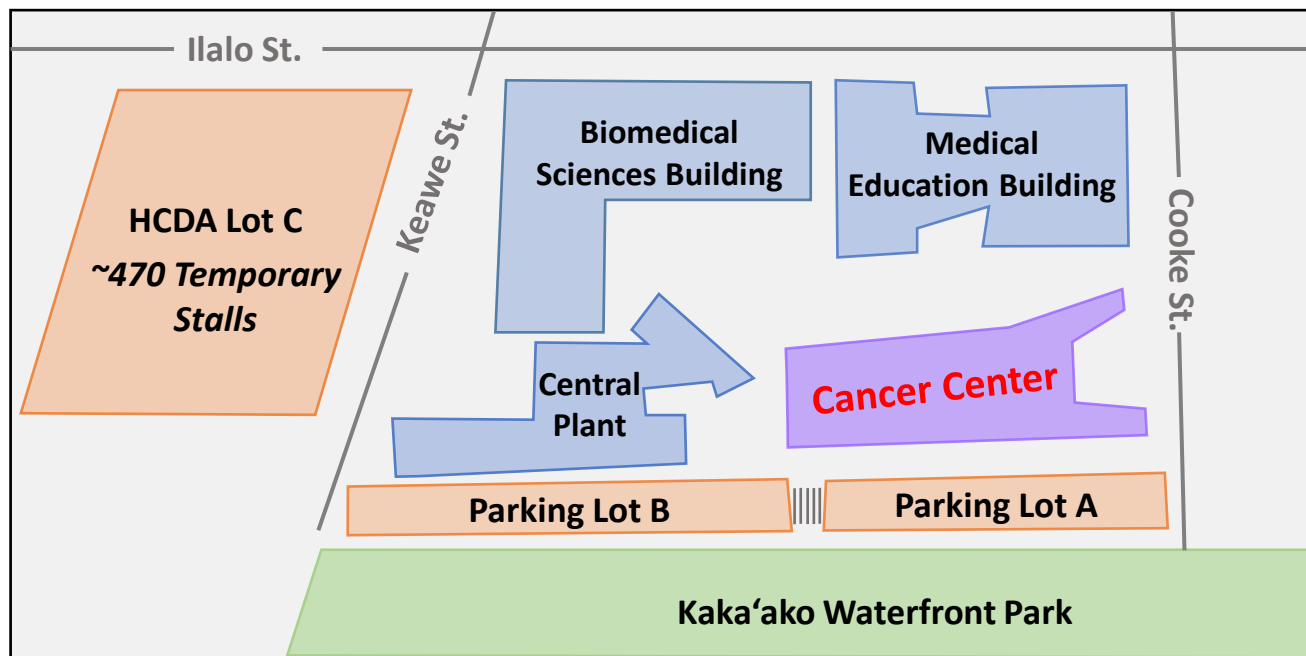
2010 – Plans to Build Cancer Center on Lot A

- Amendments to 2002 JABSOM development permit:
 - Construction of Cancer Center on site of Parking Lot A (Future Research Center)
 - Reduce parking requirement for the entire project (including JABSOM and the Cancer Center) from 1,081 stalls to 470 stalls
 - Allow 470 temporary stalls in Parking Lot C (with future plans for permanent parking)



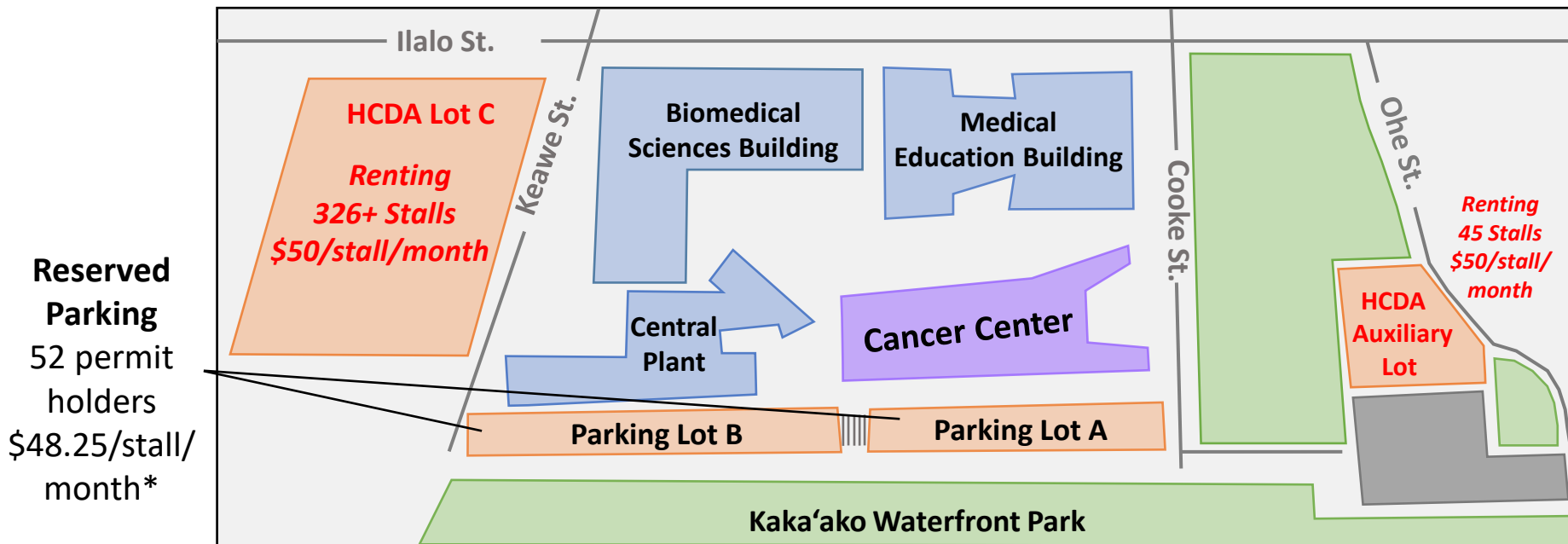
2012 – Cancer Center Completed

- Construction of the Cancer Center on the previous site of Parking Lot A was completed
- Total parking:
 - On-site: Parking Lots A and B ~68 stalls
 - Off-site: HCDA Lot C ~470



2013 – HCDA Parking Agreement

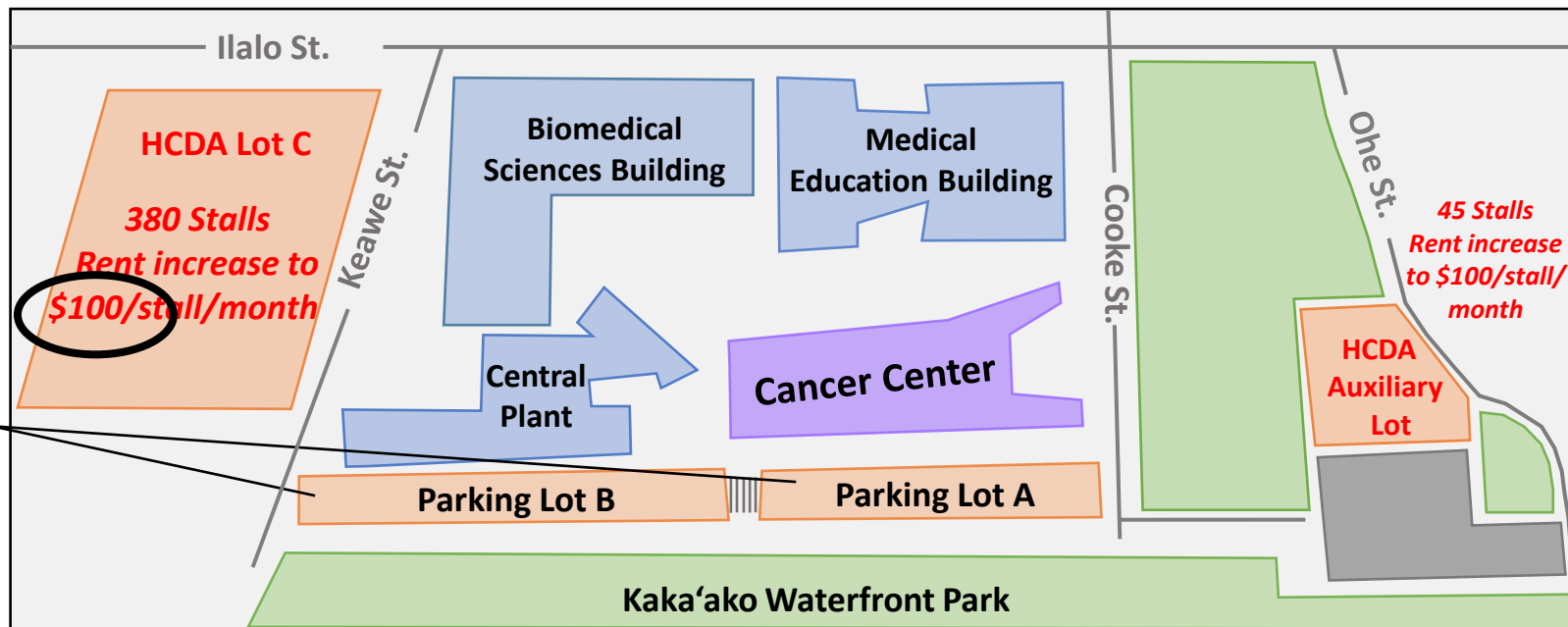
- 2008 ground lease terminated (conditions not met) and site control returned to HCDA
- HCDA Lot C
 - 5-year agreement with HCDA to rent a minimum of 326 stalls (expires August 31, 2018)
 - Rental rate of \$50/stall/month to match UH upper campus rate at Parking Lot A and Parking Lot B (\$48.25/stall/month)
- HCDA Auxiliary Lot
 - 5-year arrangement with HCDA to rent the 45-stall parking lot for JABSOM visitors
 - Current rental rate of \$50/stall/month



*Equivalent to Mānoa upper campus parking permit rates

2018 – Parking Lot C Parking Agreement will Expire

- HCDA parking agreements expire on August 31, 2018
 - Lot C = 380 stalls (students, faculty and staff)
 - Auxiliary Lot = 45 stalls (JABSOM visitors)
- Currently negotiating right of entry agreement with HCDA to extend parking rights for five more years
- Rental rate increase to \$100/stall + 3% increase per year, effective September 1, 2018



*Equivalent to Mānoa upper campus parking permit rates

Kaka'ako Area Parking Options

1. Increase rate for HCDA Lot C users only
 - Cost increase is \$600/year plus 3% annual increase for Students/Staff
 - Students/Staff pay higher rates to park in Parking Lot C compared to Reserved parking rates for Parking Lots A and B
2. Subsidize parking for HCDA Lot C users from operating budget
 - Total cost of increase for Lot C is \$228,000 per year plus 3% annual increase
3. Increase rates for Lots A and B to be on par with HCDA Lot C
 - Maintain parking rate parity within JABSOM/Cancer Center
 - Cost increase for 52 reserved parking permit holders is \$621/year plus 3% annual increase
 - Increased revenue received from Lots A and B will subsidize student parking in Lot C

Note: UH Mānoa will be bringing forward a request for a parking rate increase later this year.



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FY 2018 Third Quarter CIP Status Update (as of 3/31/18)

**Planning & Facilities Committee Meeting
May 24, 2018**



Mānoa – Coconut Island Utility Rehabilitation/Replacement



Installation of the new waterline



Contractor trenching to tie in the new waterline to the Board of Water Supply

Mānoa – Coconut Island Lilipuna Pier and Seawall Repair



Deck planks installed over new concrete enforced piles and pile caps from bent 14 to the end of the pier with new deck planks



New concrete encasement of pile caps at underside of existing decking completed

Mānoa – Coconut Island Marine Laboratory Buildings 1 & 2 Interior Renovation and General Repairs



Steel stud wall framing



Underground plumbing of sanitary waste lines and venting in restroom; concrete forms, reinforcement and vapor barrier in place



Concrete placed at restrooms with control joints being placed to locate cracking at resinous floor joints

Hilo – Daniel K. Inouye College of Pharmacy



Aerial view of site



HVAC ductwork

Mānoa - Law School Renovation & Addition: Community Legal Outreach Center



Asphalt pavement completed



Installation of polycarbonate canopy (AC pavement and landscaping complete)

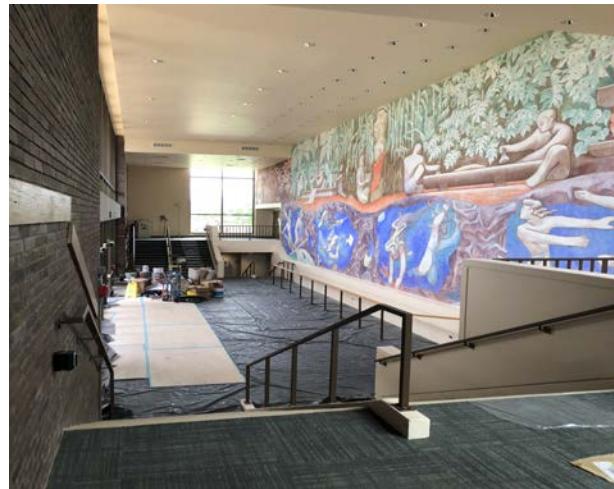


Installation of windows on second floor

Leeward CC – Repair and Refurbish Theater



Exterior waiting area, ticket office, concession booth, restrooms and entry to the main lobby



Work on main lobby/entry interior ongoing



Work on auditorium seating, flooring, lighting, painting, audio, etc. ongoing

West O'ahu – Administration & Allied Health Facility



Administration wing –
open office



Classroom and Administration
wing – south side



Classroom wing –
open corridor

Mānoa – Life Sciences Building



Demolition of the old Henke Hall

Mānoa – Kennedy Theater General Repairs and Code Compliance



Scene shop stairs to new upstairs office



Completed roof repairs to the outside storage containers



Completed safety cage around existing spiral staircase

Mānoa – Saunders Hall Exterior Repairs and Reroof



Spall and crack repair on
East Elevation drop #4



Spall and crack repair on
South East Elevation drop #2

Mānoa – Hamilton Library Addition, Phase III – Mechanical Repairs



Removal and installation of new control boxes



Removal of existing cooling towers



Weld supports for new cooling towers

Mānoa – Replacement of Substation “M”



Completed Substation M



Completed Substation M
(Hale Mānoa in background)



Substation M –
Switchgear Room

West O'ahu – Creative Media





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FY 2018 THIRD QUARTER CIP STATUS REPORT (as of 3/31/18)

**Planning and Facilities Committee Meeting
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Table Summary – Construction Projects Over \$5 Million

*Indicates changes from last quarterly report

†Exceeds original contingency

<i>Campus/Project</i>	<i>Original/ Revised Completion Date</i>	<i>Original Construction Amount</i>	<i>Change Orders & Percent Change to Date</i>	<i>Change(s) from Last Quarterly Report</i>
Mānoa – Coconut Island Utility Rehabilitation/Replacement	Nov. '16 / June '18*	\$6,397,204	\$3,468,490 [†] (54%)*	Completion date changed from Apr. '18 to June '18 and change order amount increased from \$2,996,134 to \$3,468,490. Extension and increase due to installation of a temporary sewer bypass line and an air replacement valve and upsizing the waterline to correspond with the new 8" waterline installation.
Mānoa – Coconut Island Lilipuna Pier and Seawall Repair	Apr. '18 / July '18	\$5,999,000	\$469,251 (7.8%)*	Change order amount increased from \$414,550 to \$469,251; increase due to additional multi-spectrum survey to determine new anchor points for the barge.
Mānoa – Coconut Island Marine Laboratory Buildings 1 & 2 Interior Renovation and General Repairs	Feb. '18 / July '18*	\$21,019,747	\$80,109 (0.04%)*	Completion date changed from Mar. '18 to July '18 and change order amount increased from \$10,646 to \$80,109. Extension and increase due to additional vacuum breakers to the plumbing system, rebar modifications, repairs to corroded steel beams, and upgrading electrical panels/core materials.
Hilo – Daniel K. Inouye College of Pharmacy	May '18 / Oct. '18	\$31,300,000	\$109,373 (0.4%)	None
Mānoa – Law School Renovation & Addition – Community Legal Outreach Center	Nov. '17 / Oct. '18*	\$7,372,000	\$197,964 (2.7%)*	Completion date changed from Mar. '18 to Oct. '18 and change order amount increased from \$85,574 to \$197,964. Extension and increase due to ongoing implementation of a card access system in lieu of keys, addition of a PV system, revised gate details and bollards, additional rebar, parking lot revisions, and lengthy procurement process for the revision of the interior wall system.
LCC – Repair and Refurbish Theater	Sept. '17 / July '18*	\$10,256,335	\$367,850 (3.6%)	Completion date changed from Apr. '18 to July '18; extension due to replacement of existing chilled water lines due to a newly discovered leak
West O'ahu – Administration & Allied Health Facility	May '18 / Oct. '18	\$29,941,000	\$926,853 (3.1%)*	Change order amount increased from \$465,236 to \$926,853; increase due to underground site conditions; replacing inoperable chilled water line valves and re-routing existing electrical ducts, changes to the AV equipment and room layout, and increasing the depth of underground utilities.
Mānoa – Life Sciences Building	Spring '19 / Summer '19	\$49,500,000	\$604,033 (1.2%)*	Change order amount increased from \$269,796 to \$604,033; increase due to chlordane in soil and design enhancements.
Mānoa – Kennedy Theater General Repairs and Code Compliance	July '17 / Oct. '18*	\$5,491,500	\$554,048 (10%)*	Completion date changed from June '18 to Oct. '18 and change order amount increased from \$540,984 to \$554,048. Extension and increase due to user storage to move items from work area, changes to safety reroof, mold remediation of costumes and storage areas, lighting repairs/replacement, and repairs to the communication system and outside storage containers.
Mānoa – Saunders Hall Exterior Repairs and Reroof	Aug. '18 / Aug. '18	\$5,227,618	\$150,800 (2.9%)*	Change order amount increased from \$149,240 to \$150,800; increase due to relocating classroom furniture.



Mānoa – Hamilton Library Addition, Phase III – Mechanical Repairs	Sept. ‘18 / Sept. ‘18	\$6,018,387	\$10,903 (0.2%)*	Change order amount increased from \$0 to \$10,903; increase due to replacing cooling towers; removing condenser water piping at cooling towers, strip light ballasts, and load from Loop D; and removing/replacing control devices and insulation on existing ductwork in the mechanical rooms.
Mānoa – Replacement of Substation “M”	Dec. ‘17 / May ‘18*	\$4,777,000	\$510,632 [†] (10.7%)*	Completion date changed from Feb. ‘18 to May ‘18 and change order amount increased from \$457,369 to \$510,632. Extension and increase is due to cable fault repairs at the lower campus parking structure to allow for transfer of electrical load from Substation M to Substation L.
West O‘ahu – Creative Media	June ‘20 / June ‘20	\$33,275,000	None	Project awarded on Mar. 29, 2018 to Kiewit Building Group.

Table Summary - Design Projects Over \$1 Million

<i>Campus/Project</i>	<i>Original/ Revised Completion Date</i>	<i>Original Design Amount</i>	<i>Change Orders & Percent Change to Date</i>	<i>Change(s) from Last Quarterly Report</i>
Mānoa – Holmes Hall Renovation	Feb. ‘17 / June ‘18*	\$1,514,992	\$301,445 (20%)	Completion date changed from Mar. ‘18 to June ‘18; extension due to additional time needed to develop requirements for the lab infrastructure.
CTAHR Due Diligence for Various Deferred Maintenance Improvements	Sep. ‘17 / Dec. ‘18	\$1,231,316	None	None
Mānoa – Campus Infrastructure Trunklines, Easements, Water Catchment, Filtration and Reuse Plan, and LMP Phase I Infrastructure Design	Jan. ‘18 / Mar. ‘20	\$1,490,403	None	None
Mānoa – Elevator Modernization, Phase IV	Dec. ‘18 / Dec. ‘18	\$1,077,157	None	None
Mānoa – New Classroom Building	June ‘20 / June ‘20	\$275,913	\$2,773,711 (1005%)*	Master Planning effort has started to update the PRU, Campus Master Plan and EA. Target is June 2020 for this phase.

Table Summary - Upcoming Capital Improvement Projects

<i>Campus/Project</i>	<i>Estimated Construction Amount</i>	<i>Current Phase</i>
Hawai‘i CC – North Hawai‘i Education and Research Center Renovation (Phase III)	\$5m - \$10m	Bidding
Maui College – Renovate Kitchen & Accessory Spaces in Pilina Building	\$5m - \$10m	Bidding

Coconut Island Utility Rehabilitation/Replacement – Mānoa

Contractor:	Frank Coluccio Construction Company
Estimated Date of Project Completion:	June 2018*
Original Estimated Date of Project Completion:	November 2016
Completion Level:	84%
Original Construction Amount:	\$6,397,204
Change Orders & Percent Change to Date:	\$3,468,490 [†] (54%)*
Current Phase:	Directional drill boring for new water line from Lilipuna Pier to Coconut Island and assemble high-density polyethylene water piping for pullback to Coconut Island.
Next Phase:	Installation of the retaining wall, grass paver parking lot at Lilipuna Pier and new fiber optic conductors.

Project Scope: Coconut Island, located in Kāneʻohe Bay, is the home to the Hawaiʻi Institute of Marine Biology, a world-renown marine research institute of the School of Ocean and Earth Science and Technology at UH Mānoa. This project involves (1) horizontal directional drilling of a bore through rock roughly 40ʻ below Kāneʻohe Bay for the installation of new sewer and telecommunications lines between Coconut Island and Lilipuna Pier, and (2) replacing an existing sewer pump station and selected sewer pipes on Coconut Island. Approximately 2,000 cubic yards of soil and rock must be excavated and hauled from the site to create a level area for the drilling rig. Cost increase and time extension due to additional trenching and pull boxes for the telecom lines; changing geology conditions between basalt and extremely soft sand requiring a different drill; additional work to install the telecom system; addition of waterline replacement to project scope; drilling subcontractor delays; and addition of a second bore for the waterline, air release valve, pressure gauge for the sewer line; installation of a temporary sewer bypass line and an ARV on the sewer line on the island; and upsizing of the waterline on the island and mainland to correspond with the new 8” waterline installation.



Installation of the new waterline



Contractor trenching to tie in the new waterline to the Board of Water Supply



Coconut Island Lilipuna Pier and Seawall Repair – Mānoa

Contractor:	Global Specialty Contractors, Inc.
Estimated Date of Project Completion:	July 2018
Original Estimated Date of Project Completion:	April 2018
Completion Level:	65%
Original Construction Amount:	\$5,999,000
Change Orders & Percent Change to Date:	\$469,251 (7.8%)*
Current Phase:	Placement of concrete reinforcement and formwork for new pilecaps; completion of new deck planks and cast-in-place concrete; and crane barge removal.
Next Phase:	Work on minor concrete crack and spall repair at piles and caps not receiving jacketing nearest to land, the abutment connecting the elevated walkway to land, the cast-in-place concrete beam, lighting, marine fenders and permanent floating docks.

Project Scope: Coconut Island, located in Kāneʻohe Bay, is the home to the Hawaiʻi Institute of Marine Biology, a world-renowned marine research institute of the School of Ocean and Earth Science and Technology at UH Mānoa. This project involves the evaluation and repair of Lilipuna Pier, which serves as the transit point for shuttle service to and from Coconut Island. The existing concrete piles will be repaired, the landing deck will be replaced, and the precast planks of the last one third of the pier will also be removed and replaced. A temporary dock will be constructed to the right of the existing pier to maintain shuttle access to the island. Cost increase and time extension due to demolition of canopy structure and excess planks for recycling and additional multi-spectrum survey to determine new anchor points for the barge.



Deck planks installed over new concrete enforced piles and pile caps from bent 14 to the end of the pier with new deck planks



New concrete encasement of pile caps at underside of existing decking completed

Coconut Island Marine Laboratory Buildings 1 & 2 Interior Renovation and General Repairs – Mānoa

Contractor: Frank Coluccio Construction Company
Estimated Date of Project Completion: July 2018*
Original Estimated Date of Project Completion: February 2018
Completion Level: 57%
Original Construction Amount: \$21,019,747
Change Orders & Percent Change to Date: \$80,109 (0.04%)*
Current Phase: Enclosing the project work spaces with new windows and doors.
Next Phase: Drywall, painting, flooring, casework, and finish carpentry.

Project Scope: Coconut Island, located in Kāneʻohe Bay, is the home to the Hawaiʻi Institute of Marine Biology, a world-renown marine research institute of the School of Ocean and Earth Science and Technology at UH Mānoa. This project involves the renovation of the interior of Marine Laboratory Buildings 1 & 2 to provide state of the art research and teaching laboratories, provide general repairs of the buildings (including replacing and upgrading mechanical, electrical, and architectural systems and structures), and perform significant structural retrofitting. Cost increase and time extension due to replacement of sub-contractor, additional vacuum breakers to the plumbing system, rebar modifications to connect the new concrete pier to an existing concrete beam, repairs to 2nd floor corroded steel beams, and upgrading electrical panels/core materials based on “wet or damp” conditions.



Steel stud wall framing



Underground plumbing of sanitary waste lines and venting at women’s restroom completed. Concrete forms, reinforcement and vapor barrier in place; ready for concrete



Concrete placed at restrooms with control joints being placed to locate cracking at resinous floor joints

Daniel K. Inouye College of Pharmacy – Hilo

Contractor:	Isemoto Contracting Co., Ltd.
Estimated Date of Project Completion:	October 2018
Original Estimated Date of Project Completion:	May 2018
Completion Level:	56%
Original Construction Amount:	\$31,300,000
Change Orders & Percent Change to Date:	\$109,373 (0.4%) (No change from Quarter 2)
Current Phase:	Utility site work, MEP rough-in work, metal roof decking and wall framing on-going; installing electrical conduits, fire sprinkler hangers and HVAC ductwork.
Next Phase:	Installation of metal roofing, windows, drywall, acoustical ceilings, and painting HVAC/electrical finishes.

Project Scope: This project involves a new pharmacy facility. Level 1 consists of lecture rooms, breakout rooms, a student lounge, and restrooms. Level 2 includes an administration suite with counsel offices, administrative offices, two biolabs, faculty offices, a Medication Therapy Management suite, a mock pharmacy, a resource center, two seminar rooms, consult rooms, a compound lab, two sim labs, an IV Institutional Pharmacy lab and restrooms. Site development includes new surface parking stalls, landscaping and site lighting. Cost increase and time extension due to structural steel changes, underground electrical line extension and pole relocation, extension of the paved area for emergency site access due to County Fire Department’s comments, and additional 2’ of excavation and backfill under the building foundation.



Aerial view of site



HVAC Ductwork

Law School Renovation & Addition: Community Legal Outreach Center – Mānoa

Contractor:	F&H Construction
Estimated Date of Project Completion:	October 2018*
Original Estimated Date of Project Completion:	November 2017
Completion Level:	85%
Original Construction Amount:	\$7,372,000
Change Orders & Percent Change to Date:	\$197,964 (2.7%)*
Current Phase:	Electrical rough in and cable installation is ongoing; installation of bathroom tile, flooring, and fixtures is ongoing; installation of metal railings and interior painting has begun and is ongoing.
Next Phase:	Installation of windows on second floor.

Project Scope: The Community Legal Outreach Center at the William S. Richardson School of Law on the UH Mānoa campus will serve as a space for the growing clinical service offered by law school students and faculty. Currently, students provide thousands of hours of free legal help to some of Hawai'i's most vulnerable people, including the elderly, troubled and incarcerated youth, veterans, and families living at or near poverty levels. The building will also provide much-needed space to develop practical trial and advocacy skills. The project includes partial demolition and reconfiguration of the existing parking and site features at the UH Mānoa Zone 17 parking lot outside of the Law School and construction of a new, 6,000 square foot, two-story precast concrete building and connecting bridge to the existing law school. Cost increase and time extension due to implementation of card access system in lieu of keys, addition of PV system, details for a gate and bollards, additional rebar, parking lot revisions, Disability and Communication Access Board and Hawai'i Fire Dd comments, and lengthy procurement process for the revision of the interior wall system.



Asphalt pavement completed



*Installation of polycarbonate canopy
(AC pavement and landscaping complete)*



Installation of windows on second floor



Repair and Refurbish Theater – Leeward CC

Contractor:	MEI Corporation
Estimated Date of Project Completion:	July 2018*
Original Estimated Date of Project Completion:	September 2017
Completion Level:	95%
Original Construction Amount:	\$10,256,335
Change Orders & Percent Change to Date:	\$367,850 (3.6%) (No change from Quarter 2)
Current Phase:	Testing of stage lighting, sound system, stage lift, fire alarm and rigging system; painting; seating, toilet partitions, ceiling/grids and exterior canopy and lighting installation; and landscaping.
Next Phase:	Chilled water piping replacement, exterior brick wall repairs, completion of exterior canopy, completion and testing of the AC system, completion of the deck exterior waterproofing and signage installation.

Project Scope: This project involves remedying the water intrusion into the building by improving the exterior drainage, doing landscaping improvements, installing continuous canopies to the side entries, creating an open and inviting exterior foyer to the main entry by relocating the ticket office, renovating the restrooms and including a concession area. It also involves upgrading the stage equipment (rigging and drapes, orchestra pit lift system, stage trap panel system and related items) and the main seating and stage area throughout the Theater. The auditorium seating, stage and dance rooms wood flooring, carpet and VCT flooring, painting, ceiling, and lighting, will also be replaced. The project will also retrofit the existing fire alarm system and mechanical system, abatement of hazardous materials at rooms/areas being renovated, meeting DCAB requirements, and making improvements to the theater lighting system and sound system. Cost increase and time extension due to additional labor to remove and relocate items left behind by LCC staff; asbestos abatement; additional concrete seal, spall and crack repairs; installation of a new waterproof coating; relocation and redesign of accessibility-related items in the auditorium, and replacement of the building's existing chilled water lines due to underground/building footprint leaks.



Exterior waiting area, Ticket Office, Concession Booth, Restrooms and entry to the Main Lobby



Work on Main Lobby/Entry interior ongoing



Work on auditorium seating, flooring, lighting, painting, audio, etc. ongoing

Administration & Allied Health Facility – West O‘ahu

Contractor:	Swinerton Builders Hawai‘i
Estimated Date of Project Completion:	October 2018
Original Estimated Date of Project Completion:	May 2018
Completion Level:	70%
Original Construction Amount:	\$29,941,000
Change Orders & Percent Change to Date:	\$926,853 (3.1%)*
Current Phase:	Completing site work (underground utilities, curbs, asphalt paving), metal roofing, interior metal framing and drywall, mechanical/ electrical/ plumbing rough-ins and equipment.
Next Phase:	Complete site work (water recycling system, concrete paving), interior casework, landscaping irrigation and hardscape, door frames and windows, drywall and interior painting.

Project Scope: The project consists of an approximately 43,442 square foot facility to house Administration and Allied Health programs at the University of Hawai‘i at West O‘ahu (UHWO) Campus. The new facility will include offices for UHWO administration and faculty, classrooms, laboratories, and other related spaces. Extension due to changes to the roof drainage design, which affected coordination with underground utilities. The changes involved replacing interior roof drains with exterior downspouts, to address campus concerns for long term maintenance. Cost increase due to demolition of existing site electrical, replacing valves on chilled water loop, adjusting the location of the emergency power electrical duct, cutting and plugging existing utility lines, furniture revisions, revisions due to unavailability of specified products, replacing inoperable existing underground valves, replacing inoperable chilled water line valves and re-routing existing electrical ducts, AV equipment and room layout changes to accommodate program needs, and increasing the depth of underground utilities to avoid penetrating foundation walls.



Administration wing – open office



Classroom and Administration wing – south side



Classroom wing – open corridor

Life Sciences Building – Mānoa

Contractor:	Layton Construction
Estimated Date of Project Completion:	Summer 2019
Original Estimated Date of Project Completion:	Spring 2019
Completion Level:	11%
Original Construction Amount:	\$49,500,000
Change Orders & Percent Change to Date:	\$604,033 (1.2%)*
Current Phase:	Working with UH stakeholders and Department of Health in handling of the chlordane soil issues.
Next Phase:	Developing a plan to bury the chlordane soil below the Kennedy Theater Parking Lot.

Project Scope: This design-build project for a new Life Sciences Building will be developed at the site of Henke Hall and will support multiple programs like botany, PBRC, biology and microbiology. As the first of a three-phase Mānoa Mini Master Plan, this project will also provide surge space to allow for the redevelopment of the Snyder Hall site and subsequent redevelopment of Kuykendall Hall. Cost increase and time extension due to the addition of a second elevator to the project, chlordane soil issues and design enhancements.



Completed demolition of the old Henke Hall slabs

Kennedy Theatre: General Repairs and Code Compliance – Mānoa

Contractor:	RSI Roofing and Building
Estimated Date of Project Completion:	October 2018*
Original Estimated Date of Project Completion:	July 2017
Completion Level:	97%
Original Construction Amount:	\$5,491,500
Change Orders & Percent Change to Date:	\$554,048 (10%)*
Current Phase:	Theater is operational. Completed tests of acoustic doors and frames; rigging inspections; and repairs to the outside storage containers.
Next Phase:	Reroof, repair in-house communication system, and install fall prevention systems.

Project Scope: Kennedy Theatre is the flagship performing arts center on the UH Mānoa Campus. The need for repairs and maintenance is long overdue as the theater was built in 1963 and no interior work has been done in over 50 years. Parts of the facility are OSHA, building code and ADA non-compliant – including the catwalk system over the Ernst Lab Theater. This project involves replacing the existing sand bag rigging system at the Lab Theater with a new system, Main Theater theatrical dimming system and Main Stage curtains, catwalk system at the Lab Theater to meet OSHA requirements and finished floor at the Lab Theater and Main Stage with a floor suitable for dance performances; and installing a pre-manufactured dust collection booth at the Scene shop and a safety cage around the existing 80-foot high spiral staircase for fall protection. Cost increase and extension due to storage container for theater items during construction; additions to the original contract including mold and efflorescence abatement; light fixture, dimmer rack, and electrical power installation; door frame replacement; conduit and circuit replacement; dye vat work; providing user storage to move items from work area; added changes for safety, reroof and mold remediation of costumes and storage area; multiple areas of lighting repairs/replacement, repairs to the outside storage containers to minimize moisture, and repairs to the in-house communication system.



Completed safety cage around existing spiral staircase



Completed roof repairs to the outside storage containers



Scene shop stairs to new upstairs office

Saunders Hall Exterior Repairs and Reroof – Mānoa

Design Consultant:	WTN Architecture
Estimated Date of Project Completion:	August 2018
Original Estimated Date of Project Completion:	August 2018
Completion Level:	42%
Original Design Amount:	\$5,227,618
Change Orders & Percent Change to Date:	\$150,800 (2.9%)*
Current Phase:	Ongoing spall and crack repair on East Elevation drop #4 and South East Elevation drop #2. Started pressure washing North Elevation, exterior painting will follow. Reroofing is also ongoing.
Next Phase:	Move to South West Elevation to continue spall and crack demo and repairs. Apply corrosion inhibitor to exposed aggregate surfaces.

Project Scope: Saunders Hall (formerly known as Porteus Hall) was designed in the early 1970’s. Due to inadequate concrete coverage over the reinforcing bars during the original construction of the building, corrosion of the rebars is causing the exterior of the building to crack and spall. This project involves the repair of all concrete delaminations, spalls and cracks. In order to seal the entire building envelope watertight, the project also includes reroofing, new traffic coating, glazing, and interior renovation work. Cost increase due to the removal and disposal of an abandoned PV system and repair of additional unforeseen spalls and cracks on the North and East exteriors of the building, and relocation of classroom furniture from Saunders 342 to Kuykendall 401A and Crawford 114 to Saunders 342.



Spall and crack repair on East Elevation drop #4



Spall and crack repair on South East Elevation drop #2

Hamilton Library Addition, Phase III – Mechanical Repairs – Mānoa

Contractor:	Economy Plumbing & SheetMetal, Inc.
Estimated Date of Project Completion:	September 2018
Original Estimated Date of Project Completion:	September 2018
Completion Level:	35%
Original Construction Amount:	\$6,018,387
Change Orders & Percent Change to Date:	\$10,903 (0.2%)*
Current Phase:	Demolished existing cooling towers, installed new towers, supports, and wired controls. Demolished and removed condenser water piping at cooling towers and installed supports for variable frequency drives. Removal of existing strip light ballasts in the mechanical rooms from the first to the fifth floors is ongoing.
Next Phase:	Remove and replace control devices and insulation on existing ductwork in the mechanical rooms.

Project Scope: Hamilton Library is the main library on the UH Mānoa campus. This project involves the replacement of existing mechanical equipment, ductwork, plumbing and piping, and partial ceiling replacement to upgrade the central chiller plant, air distribution system, reheat system and direct digital control systems. The project also involves replacement of electrical work, chemical abatement, a roof thermography study, structural steel work for cooling tower support, and miscellaneous painting. Cost increase due to replacing cooling towers; removing condenser water piping at cooling towers, strip light ballasts, and load from Loop D; and removing/replacing control devices and insulation on existing ductwork in the mechanical rooms.



Removal and installation of new control boxes



Removal of existing cooling towers



Weld supports for new cooling towers

Replacement of Substation “M” – Mānoa

Contractor:	Nan, Inc.
Estimated Date of Project Completion:	May 2018*
Original Estimated Date of Project Completion:	December 2017
Completion Level:	99%
Original Construction Amount:	\$4,777,000
Change Orders & Percent Change to Date:	\$510,632 [†] (10.7%)*
Current Phase:	Striping completed in late January 2018. Final inspection held early February 2018 and all punch list deficiencies have been addressed.
Next Phase:	Contractor working on submission of closing documents.

Project Scope: This project is to replace Substation M on the UH Mānoa Campus. The substation complex consists of the Hawaiian Electric Company's East-West Transformer Substation and UH Mānoa's Substation M. Substation M consists of 12.47 kV switchgear (circuit breakers and relays) and switchgear controls. Substation M is over 50 years old and needs to be replaced due to age and unavailability of switchgear spare parts. The existing switchgear is covered with a roof, but is not enclosed by a building and has experienced problems due to stray cats and rodents entering the premises. The new Substation M will consist of a 3,000 sf building which will have separate rooms for the new switchgear, switchgear controls and DC battery bank. Cost increase and time extension due to labor/equipment/material escalation due to delayed issuance of NTP to contractor pending formal submittal; changes related to and coordination with HECO; addition of UH remote monitoring of new switchgear; additional electrical work, and cable fault repairs at the lower campus parking structure.



Completed Substation M



*Completed Substation M
(Hale Mānoa in background)*



Substation M – Switchgear Room

Creative Media – UH West O‘ahu

Contractor:	Kiewit Building Group
Estimated Date of Project Completion:	June 2020
Original Estimated Date of Project Completion:	June 2020
Completion Level:	0%
Original Construction Amount:	\$33,275,000
Change Orders & Percent Change to Date:	None
Current Phase:	Project awarded on Mar. 29, 2018. Contract execution anticipated mid-May 2018.
Next Phase:	From May 2018 – Dec 2018, there will be an interactive 4 stage design development process with the Design-Builder and UH to refine the drawings to 100%. All permits required for the work will also be obtained at this time by the Design-Builder.

Project Scope: This design-build project is for a new, 33,000 sf facility to house the existing Academy of Creative Media (ACM) program. The building will be constructed on undeveloped land next to the new Allied Health Building. The function of the building will combine teaching facilities, production facilities, faculty offices, creative workspaces, and an incubator for emerging companies. It will be a professional environment focused on learning and creating a showcase for UH West O‘ahu and the UH System, as well as our entire state. The building expands the current UH West O‘ahu ACM program from approximately 110 student majors to an anticipated 500 majors.



South face of New Creative Media Facility. The south face of the building will face the rest of the West O‘ahu Campus.



Interior of main lobby with front desk screen wall at center to display students’ work.

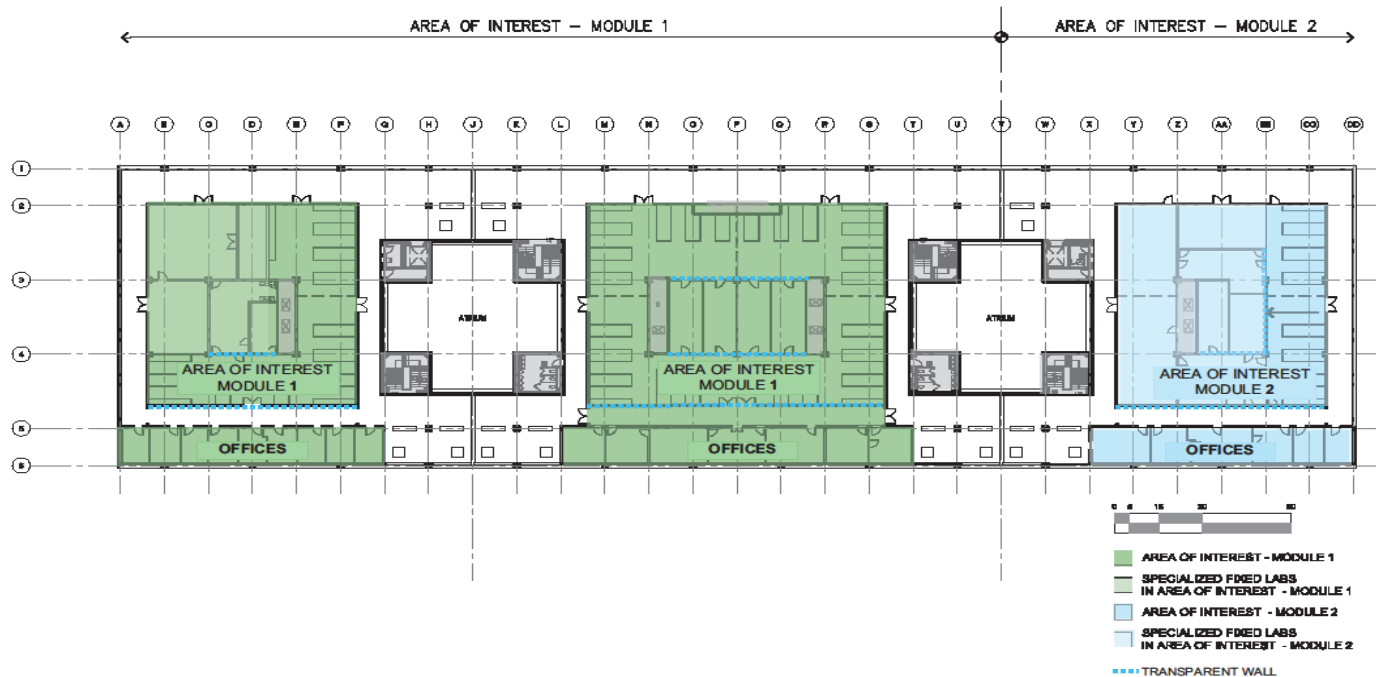


Main entrance of the Creative Media Facility looking North.

Holmes Hall Renovation - Mānoa

Design Consultant:	John Hara Associates
Estimated Date of Project Completion:	June 2018*
Original Estimated Date of Project Completion:	February 2017
Completion Level:	75%
Original Design Amount:	\$1,514,992
Change Orders & Percent Change to Date:	\$301,445 (20%) (No change from Quarter 2)
Current Phase:	Finalizing pre-design programming documents.
Next Phase:	Concept Design

Project Scope: The project involves the renovation of Holmes Hall (approximately 133,350 gross square feet) to transform it into an innovative, state-of-the-art facility to accommodate instructional, research, student and administrative workspaces for the College of Engineering and the related UHM engineering community. The project intended to add approximately 27,000 square feet of new research laboratories and supporting workspaces for graduate students and researchers. However, the estimated construction costs exceeded the justifiable benefit, and the proposed renovation would not meet academic facilities needs for growth. To address these issues, the scope of pre-design work was modified to analyze current and future academic program and facilities space needs, and develop a programming document for the renovation of Holmes Hall and the use of other existing facilities or new facilities. Extension due to deferred CIP budget request, additional time needed to develop the requirements analysis report, and infrastructure requirements for teaching and research laboratories.



2nd Floor Concept Plan

CTAHR Due Diligence for Various Deferred Maintenance Improvements

Design Consultant: INK Architects
Estimated Date of Project Completion: December 2018
Original Estimated Date of Project Completion: September 2017
Completion Level: 49%
Original Design Amount: \$1,231,316
Change Orders & Percent Change to Date: None
Current Phase: Updating format of and restructuring Due Diligence Study Report
Next Phase: Continue toward completion of Due Diligence Reports for eight (8) sites. Begin assessment of existing wastewater systems as part of the Due Diligence Study Report.

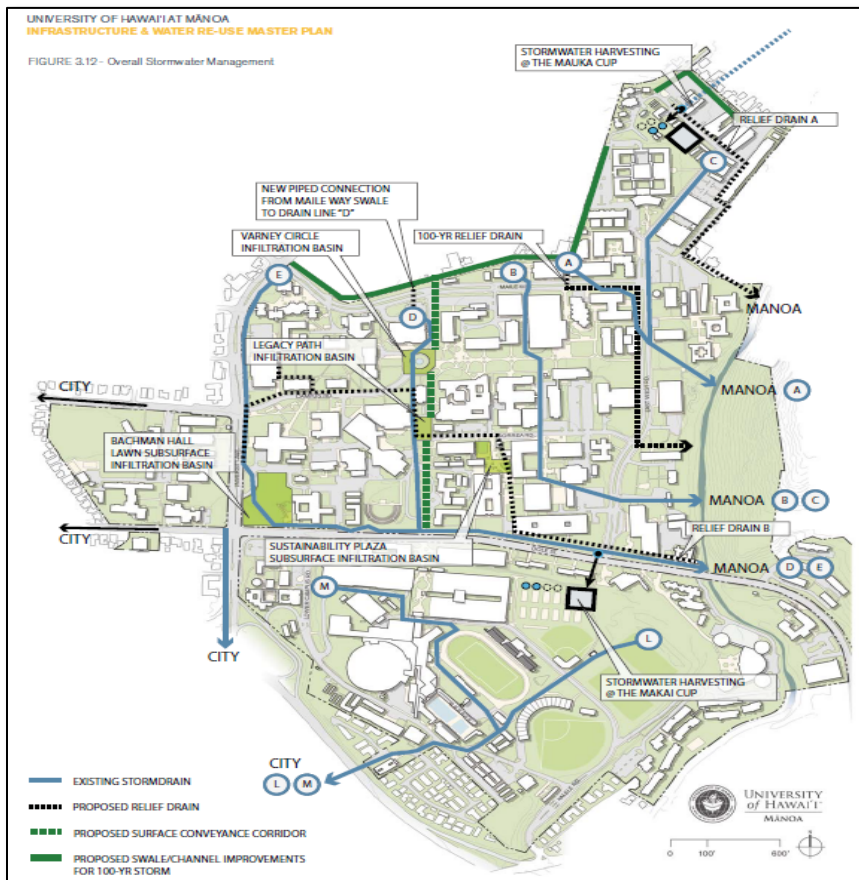
Project Scope: The UH Mānoa's College of Tropical Agriculture and Human Resources (CTAHR) has twenty-seven sites statewide as part of its outreach, research, and experimentation programs. All of these sites have facilities that are currently in use by its occupants and are in various states of disrepair or require upgrades for improved functionality and/or life safety and accessibility code compliance. The goals of the due diligence study are as follows: Document general property information and code requirements, and document the existing conditions exhibited at each facility on the property, and provide recommendations for demolition, repair, maintenance, accessibility, life safety, and hazardous materials condition. Time extension due to numerous revisions to the reports and delay in the initiation of field work on the remaining sites.



Waimanalo Research Center Due Diligence Study showing the areas and buildings. Each Due Diligence Study evaluates the condition of each of the buildings and provides detailed photos and a description.

Campus Infrastructure Trunklines, Easements, Water Catchment, Filtration and Reuse Plan, and LMP Phase I Infrastructure Design – Mānoa

Design Consultant:	WRNS Studio
Estimated Date of Project Completion:	March 2020
Original Estimated Date of Project Completion:	January 2018
Completion Level:	85%
Original Design Amount:	\$1,490,403
Change Orders & Percent Change to Date:	None
Current Phase:	Work to incorporate the UHM Infrastructure and Water Reuse Plan into development of an MCPP Program Development Report was stopped at the end of November 2017.
Next Phase:	None



Project Scope: This project involves the design of an infrastructure trunkline and a water catchment and reuse system. If constructed, this project would organize and update campus utilities into an interconnected network under major open space corridors for predictable and available access during future construction, maximize areas unrestricted by utility easements for future developments, and increase the capacity of our campus drainage system to convey 100 year storms. The water catchment and reuse system is anticipated to redirect 95% of rainfall toward rain gardens and recycled water cisterns which, when combined with 600,000 gallons of water scalped from sewer, could offset 73% of potable water and reduce the volume of storm drainage to be conveyed off site. Extension due to contract modification to support Long Range Development Planning/Plan Review Use permit update.

Elevator Modernization, Various Buildings, Phase IV – Mānoa

Design Consultant:	Design Partners Inc.
Estimated Date of Project Completion:	December 2018
Original Estimated Date of Project Completion:	December 2018
Completion Level:	5%
Original Construction Amount:	\$1,077,157
Change Orders & Percent Change to Date:	None
Current Phase:	OPRPM to execute design; base plus mod 1.
Next Phase:	Design consultant to start preparing the construction documents upon award.

Project Scope: This project consists of the modernization of the existing elevator systems, machine rooms, possible replacement of the elevator cabs (if technically feasible), and the installation of access card readers and CCTV cameras in all elevator cabs and lobbies. The modernization shall comply with all current codes and accessibility standards. The buildings that are included in this project are St. Johns (2 elevators), Hamilton Library, Phases I and III (3 elevators/phase), Music Complex (1 elevator), Bilger Addition (1 elevator), Law School (1 elevator), Shidler Business School, Towers A, C and E (1 elevator/tower), and Astronomy Building B and C (1 elevator/building).



Law School elevator cab interior



Shidler elevator pit



Shidler elevator machine room that will be modernized

New Classroom Building – Mānoa

Design Consultant:	Ushijima Architects Inc.
Estimated Date of Project Completion:	June 2020
Original Estimated Date of Project Completion:	June 2020
Completion Level:	1%
Original Design Amount:	\$275,913
Change Orders & Percent Change to Date:	\$2,773,711 (1005%)*
Current Phase:	Update Plan Review Use (PRU) and Campus Master Plan; perform the Environmental Assessment (EA) for the PRU as required for future classroom building construction permits.
Next Phase:	Complete design of the new classroom building.

Project Scope: The new classroom building will provide swing space for classrooms and offices as part of the 6-year mini capital improvement program/master plan and eventually permanent space for bringing off campus colleges onto the Mānoa Campus in the effort to reduce square footage and modernize classrooms to meet current needs for academic programs. After the new Life Sciences Building is complete in 2019, Snyder Hall occupants will be relocated to the Life Sciences Building and Snyder Hall will be demolished. This new classroom building will replace Snyder Hall. The original scope of the classroom building includes updating the PRU and Campus Master Plan and conducting an EA. The EA for the PRU is required for future classroom building construction permits as the current PRU is already considered outdated and set to expire in 2020. The PRU will also address the demolition of buildings/portables and future energy, traffic and other requirements on the Mānoa campus. The funds for this project were appropriated in Act 213, Session Laws of Hawai‘i 2007, as amended and renumbered by Act 158, Session Laws of Hawaii 2008, Item G-117.05 and are still available for this effort with enough funds to deliver an updated PRU/Campus Master Plan and EA and also provide a full design for this classroom building. The Board of Regents previously approved this project in 2008. Cost increase due to Master Planning efforts updating the PRU, Campus Master Plan, and EA.

Upcoming CIP: North Hawai‘i Education and Research Center Renovation (Phase III) – Hawai‘i CC

Estimated Construction Amount: \$5m – \$10m
Current Phase: Bidding; Bid post date was March 22, 2018 and bid submittal date is April 26, 2018.
Next Phase: Notice of award is planned for May 2018.

Project Scope: The North Hawai‘i Education and Research Center (NHERC) is located 40 miles north of Hilo in Honoka‘a and is designed to serve the approximately 19,000 residents in North Hawai‘i currently underserved by higher education. This project includes the complete interior renovation of the existing unused wing at NHERC. The project will include a commercial kitchen, nursing and STEM lab, classroom and storage space. The wing will be reroofed and all walls repaired and refinished. Parking and site improvements will be included as required.



Existing unused wing at NHERC which will be renovated

Upcoming CIP: Renovate Kitchen & Accessory Spaces in Pilina Building – Maui College

Estimated Construction Amount:

\$5m – \$10m

Current Phase:

Bidding; Bid post date was March 21, 2018 and bid submittal date is April 23, 2018.

Next Phase:

Notice of award is planned for May 2018.

Project Scope: This project includes the renovation of an existing kitchen space on the second floor and loading dock on the first floor of the Pilina building. The space will include food innovation spaces that include kitchens, packaging, as well as research and development.



Existing kitchen space that will be renovated

Projects Pending Close-Out

<i>Campus/Project</i>	<i>Original/ Revised Completion Date</i>	<i>Original Construction Amount</i>	<i>Change Orders & Percent Change</i>	<i>Reason for Extension/Increase</i>
Mānoa – Agricultural Science Facility Chill Water Plant, Reheating Water System, and HVAC Upgrade	Aug. '15 / Apr. '18*	\$5,270,742	\$169,847 (3.2%)	Contractor to submit revised warranty and final invoice
Mānoa – Clarence T.C. Ching Complex, Construction of New Athletics Complex	July '13 / Sep. '18*	\$12,393,000	\$2,294,625 (18.5%)	Additional work by COPs has been canceled; the work will be incorporated into the Second Floor interior finish project. Contractor and consultant addressing cracking of the railing walls and water leaking into the broadcast booths on the 3rd floor
Hawai'i CC – Hale Aloha Renovation	Oct. '16 / Oct. '16	\$7,629,500	\$308,436 (4.0 %)	In litigation; change order total is for contract modifications #1 - #6; water leaks and the roof parapet remain key litigation issues
Honolulu CC – Building 8807, Upgrade Infrastructure	May '14 / June '18*	\$8,609,000	\$2,258,824 (26.2%)*	Final resolution for the elevator/generator capabilities; inspection and approval by the State Elevator Inspection Branch; sealing of the cold joint at the new/existing exterior condition and installation of new expansion joint covers at interior conditions (all floors)
Kapi'olani CC – Culinary Institute of the Pacific at Diamond Head (Phase I)	Oct. '16 / June '17	\$25,058,110	\$2,273,619 (9.1%)	Archaeological monitoring, scheduling and requirements; unforeseen conditions in Diamond Head Road; and conflict with underground utilities and building foundations. Project acceptance notice has been issued to the contractor; close out documents have been received and reviewed by the University
Hawai'i CC – Culinary Arts Building Phase 1A & Health Science and Student Services Building Phase 1B (Pālamanui)	Mar. '16 / Aug. '18*	\$22,670,172	\$5,920,286 (26.1%)	Delay in permit approvals; archaeological monitoring; inclusion of PV system, food service equipment and landscaping at UH's request; delay in waste water treatment system testing; campus is operational and contractor is still working on a few items – installation of the dashboard, final inspection of the wastewater system to be scheduled with DOH, coordination with HELCO and the campus to activate the PV system
Mānoa – Bilger Complex Air Conditioning System Upgrade	Nov. '13 / Apr. '18*	\$5,737,790	\$789,513 (13.8%)	Contractor submitting closing documents
Mānoa – Elevator Modernization (Phase 3) – Various Buildings	Dec. '17 / May '18*	\$9,162,000	\$1,087,128 (11.9%)	Extension due to building coordinator/user request to schedule State Elevator Inspections during Spring Break; the State Elevator re-inspection for POST was recently completed after the emergency generator was brought online. The re-inspection also required the installation of a second sump pump at POST and at QLC to meet code requirements.

Closed Projects

<i>Campus/Project</i>	<i>Original/ Revised Completion Date</i>	<i>Original Construction Amount</i>	<i>Change Order(s) & Percent Change</i>	<i>Reason for Extension/Increase</i>
Hilo – Campus Security & Emergency Operations Center	Oct. '15 / Sept. '17	\$4,589,000	\$494,762 (10.8%)	Correction to the specifications for wind speed resistance of the roof system; and the University driven schedule and sequencing for the construction and migration of the new Structured Cabling across 28 campus structures.
Mānoa – Biomedical Sciences Building, R/R HVAC Equipment, Reheat Water System, Building Air Balance & Controls	Aug. '13 / Jan. '18	\$5,324,800	\$358,364 (6.7%)	Scheduling conflicts with other projects affecting Biomed; revision of type of air valves used in the air handler systems; and unforeseen conditions including deteriorating reheat hot water piping insulation



Item IV.B.3.
Strategic Direction
21st Century
Facilities Metrics

MATERIALS
PENDING

Item IV.B.4.
**Committee Annual
Review**

MATERIALS

Committee on Planning & Facilities

Annual Review for the 2017-18 academic year (5/18/2018).

Goals established at the September 7, 2017 meeting:

	Committee duties per bylaws	2017-18 goals per Sept. 7, 2017 meeting	2017-18 accomplishments
1	Review, study, and make recommendations to the Board relative to the long-range plans for the development of the University, considering academic needs, priorities, and fiscal capabilities of the State.	The Planning and Facilities (P&F) committee had reviewed its bylaws, and summarized its high level goals/objectives for the P&F committee for 2017-18 to include close monitoring of the campuses needs in conjunction with the Long Range Development Plan (LRDP) and the Integrated Academic & Facilities Plan (IAFP).	No major issues arose. BOR approved goals.
	Review, study, and make recommendations to the Board relative to the physical facilities master plans for each campus in the University system and to periodically review approved campus master plans in order to recommend revisions, if necessary, to meet the needs of the University.	The Planning and Facilities (P&F) committee had reviewed its bylaws and emphasized the need to develop the LRDP in conjunction with the IAFP, thus constituting a master plan of a hybrid nature. Of note is that both plans are evolving, recognizing that the needs of the campuses and system are faced with continuing changes based on enrollment, academic priorities, fiscal restraints, among the many factors. Of utmost importance is the need to be flexible while attempting to be firm in developing any master plan. To facilitate developing a master plan, IAFP and LRDP, the committee had recommended and endorsed new innovative techniques to improve processes and promote efficiencies in developing the plans.	No major issues arose. BOR approved goals.
3	Review proposals relative to naming of University improvements and facilities and make its recommendations to the Board.	The Planning and Facilities (P&F) committee had reviewed its bylaws and are committed to attain high level goals/objectives including continue improving to deliver capital projects on time and on budget by regularly monitoring projects and utilizing current technology; understand the repair and maintenance programs of the campuses; continue to monitor the deferred maintenance backlog; evaluating space management analysis and	No major issues arose. BOR approved goals.

		decision making as part of the capital improvement plan.	
4	Review policies and make recommendations to the Board on matters pertaining to the use of University facilities and ensure an environment that is complementary to the educational mission of this institution.	The Planning and Facilities (P&F) committee had included incorporation of its innovative tools/techniques especially in its LRDP and IAFP to ensure academic priorities and needs are met, along with the needs of the students and faculty members. Of utmost importance is the mission of the campuses and system, which is the foundation and basis to all of the P&F committee's actions. Capital improvement projects (CIP), recurring maintenance (RM), and deferred maintenance (DM) are given updates regularly with recommendations on facilities usage and CIP priorities.	No major issues arose. BOR approved goals.
	Committee Goals & Objectives	Committee goals per September 7, 2017 meeting	
	Continue improving on our ability to deliver capital projects on time and on budget by regularly monitoring major projects and utilizing current technology	The P&F committee recognizes the vast responsibilities that come with this committee, and have supported administration in its quest to improve the process and efficiencies by implementing new technology not used before. Presentations were made to BOR on innovations such as: Design-Build concept where cost shifts to contractor/developer from design to construction; MKThink Baseline Utilization Analysis looking at academic programs, facilities usage in terms of time, semester hours, occupancy, physical characteristics, payroll, enrollment, and research dollars to determine appropriate space assignments; also the e-Built program that consolidates data and refine the process for developing work scopes and awarding contracts for CIPs, RM, DM, and special projects.	No major issues arose. These are on-going with regular presentations and updates to the BOR.
	Understand the repair and maintenance programs of the campuses	The P&F committee recognizes the significance of the RM program and the high future costs if neglected today. This is an area where the committee had deemed it necessary to educate the BOR on the consequences of neglect and where it was included in the agenda. The committee has recommended a higher funding and funding to RM projects.	No major issues arose. These are on-going with regular presentations and updates to the BOR.
	Continue to monitor the deferred maintenance backlog	The P&F committee recognizes the significance of the DM program and the high future costs if neglected today, e.g., "penny wise, pound foolish." This is an area where the committee had deemed it necessary to educate the BOR on the consequences of neglect, with a presentation to ensure understanding among the BOR. The committee has recommended a higher priority and funding for DM projects.	No major issues arose. These are on-going with regular presentations and updates to the BOR.
	Evaluate the incorporation of space	The P&F committee recognized the need for a more sophisticated space management analysis, and hence, MKThink Baseline Utilization Analysis	No major issues arose. These are on-going with regular presentations

	management analysis and decision making as part of the capital program	which looks at academic programs, facilities usage in terms of time, semester hours, occupancy, physical characteristics, payroll, enrollment, and research dollars to determine appropriate space assignments; also the e-Built program that consolidates data and refine the process for developing work scopes and awarding contracts for CIPs, RM, DM, and special projects. These tools are fairly new to UH, is ongoing and currently being refined, where efficiencies in the process and completion of projects have been noticeable.	and updates to the BOR.
	Review and approve FY17 CIP Project Plan	Quarterly CIPs updates for the fiscal year have been a regular part of the P&F committees agenda, with all being approved.	No major issues arose. These are on-going with regular presentations and updates to the BOR.
	Review and approve Legislative CIP and 6 Year Plan	Legislative updates on CIPs and other projects have been presented by the P&F committee with budget approved	No major issues arose. These are on-going with regular presentations and updates to the BOR.
	Review and approve various Long Range Development Plans	The P&F committee has this as an on-going program. LRDPs for various campuses have been approved, while some have yet to be presented. Complicating this, but for the betterment, is incorporating LRDPs with the IAFPs. This is ongoing and a way to the future.	No major issues arose. These are on-going with regular presentations and updates to the BOR.
		<p>=====</p> <p>NOTE: In addition to compliance with BOR bylaws, and achieving the committee’s goals and objectives, Administration has been faced with numerous unscheduled demands, e.g. reorganization with 300+ personnel, Waialeale land, HECO solar project, Public Private Partnership (P3), strategic planning, and more. Much kudos must be given to Administration for its resiliency and perseverance, not missing major milestones, and no degradation in efficiency. Kudos also to the P&F committee in its support and guidance to Administration. 5/18/2018</p>	