

PFC Application Overview



Welcome to the Air Carrier Consultation Meeting
for
PFC Application No. 5
(12-05-C-00-*)**



State of Hawaii
Dept of Transportation – Airports Division

PFC Application No. 5
September 27, 2012

What is a PFC?

PASSENGER FACILITY CHARGE

Airport user fee to provide public agencies an additional capital funding source to fund FAA-approved projects that enhance safety, security or capacity; reduce noise; or increase air carrier competition.

Up to \$4.50 may be collected per enplaned passenger, domestic or foreign.

PFCs are limited to **two charges on each leg of a round trip** at airports at which passengers enplaned an aircraft.

PFCs are **not allowed** to be collected on interisland flights by law.
(FAA Order 5500.1, para. 6-16)

PFC revenue is eligible to fund **publicly controlled areas** of airport improvements of any approved project.



- ❖ **Air Carrier Consultation Meeting letter sent out on August 24, 2012**

- ❖ **Sent to all air carriers with scheduled air service at proposed collecting airports:**
 - **Honolulu International Airport**
 - **Kahului Airport**
 - **Kona International Airport at Keahole**
 - **Lihue Airport**
 - **Hilo International Airport**



Present proposed projects for PFC Application No. 5

- 20 projects including 2 “impose only” projects
- Total PFC funds for Pay-Go and Bond is \$337.3 M
(Pay-go: \$58 M and PFC Bond funds: \$279 M)
- Total debt service is \$424.8 M.
- Total PFC funds including debt service is \$762.1 M
- The State’s current collection for PFC Application No. 4 is estimated to complete collection on February 1, 2014.
- Submittal of Application No. 5 is dependent upon final approval of the Environmental Assessment for HNL.



Current PFC Program

PFC Authority and Collections

Approved for Collection

Application No. 1: #04-0*-C-00-***	\$ 42.6 M
Application No. 3: #08-0*-C-00-***	\$ 76.1
Application No. 4: #09-0*-C-00-***	\$ <u>45.1</u>
Total – All PFC Applications:	\$ 263.9
Less: PFC Collections thru 6/30/12	(\$ <u>196.9</u>)
PFC Collection Authority remaining as of July 1, 2012	\$ 66.9

Note: Application No. 2 was blended into Application No. 3.



- **The State's Financial Plan is provided in the Attachment A – Supplement provided as a handout and will be posted on the State's website with the meeting notice and information package.**
- **\$762.1 million in revenue estimated to be collected with a \$4.50 PFC from February 1, 2014 through January 1, 2034.**
- **Please note the Charge Effective Date has been changed from June 30, 2033 to January 1, 2034.**

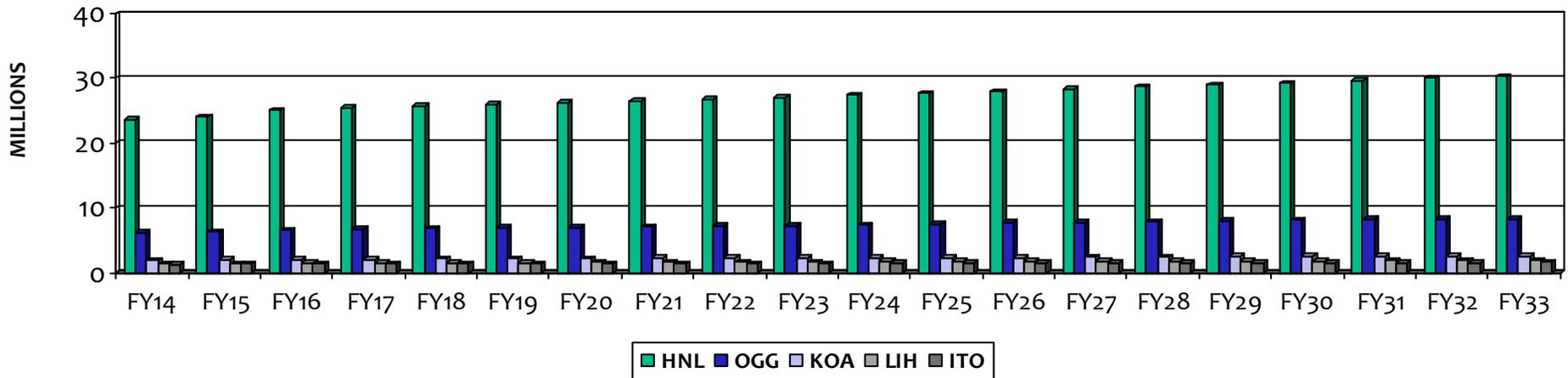


- In Hawaii, approximately 83% of the total forecast enplanements are estimated to be PFC-eligible.
- The estimated PFC charge expiration date was estimated by adjusting the \$4.50 PFC impose amount with:
 - A reduction of 17% to account for ineligible passengers
 - A reduction of \$0.11 per passenger for allowable airline administration fee



PFC Revenue Forecast

PFC collection amount is based on forecast of eligible enplaned passengers from February 1, 2014 through January 1, 2034



Total Annual PFC Collections range from \$34.1 M in 2015 to \$43.7 M in 2033, using growth rates from the FAA TAF 2011.



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“Impose and Use” PFC Projects

Project Title and PFC Amount

- **HNL Taxiway ‘Z’ Structural Improvements (Design Services): \$1.25 M**
- **HNL Runway 26L Pavement Improvements: \$4.57 M**
- **HNL Runway 4R Pavement Reconstruction: \$ 5.4 M**
- **HNL Runway 8L Widening & Misc. Improvements: \$16.1 M**
- **HNL Runway 4L Edge Lighting: \$1.21 M**
- **HNL Overseas 2nd Level Roadway Improvements: \$7.6 M**
- **HNL Wiki-Wiki Shuttle Station Improvements: \$5.8 M**
- **HNL Overseas Terminal Metal Roof Replacement: \$8.0 M**
- **HNL Loading Bridge Replacement Ewa Concourse: \$32.0 M**



“Impose and Use” PFC Projects (continued)

- HNL Taxiways G & L Widening – Phase 1 & 2: \$109.0 M
- HNL Interisland Terminal Mauka Extension: \$469.8 M
- HNL Hawaiian/Aloha Facility Demolition: \$34.5 M
- Statewide - ARFF Facilities Improvements @ KOA & ITO Design Services only: \$2.3 M
- ITO ARFF Facilities Improvements: \$10.5 M
- ITO Access Control & CCTV Systems: \$2.76 M
- KOA ARFF Station Relocation: \$5.4 M
- KOA Access Control & CCTV Systems: \$5.9 M
- PFC Stand-Alone Administrative Costs: \$700,000



“Impose Only” PFC Projects

(Request use 3 years from the FAD)

- **OGG Spencer Properties Acquisition: \$20.0 M**
- **HNL Runway 22 Culvert Runway Safety Area: \$19.0 M**



Proposed Projects

HNL Taxiway 'Z' Structural Improvements (Design Services)

- ◆ Reimbursement of design services only
- ◆ Construction costs approved under PFC Application No. 4
- ◆ Design to reconstruct and strengthen Taxiway 'Z'
 - 10-ft. wide pavement transition area is approximately 133,498 sq. ft.
 - Proposed PCC pavement area is approximately 566,943 sq. ft.

Estimated Start date: Oct. 2012

Estimated Completion date: Oct. 2013

Federal AIP Grant: \$ 3.75 M

PFC Pay-as-you-go: \$ 1.25 M

Total Project Cost: \$ 5.0 M



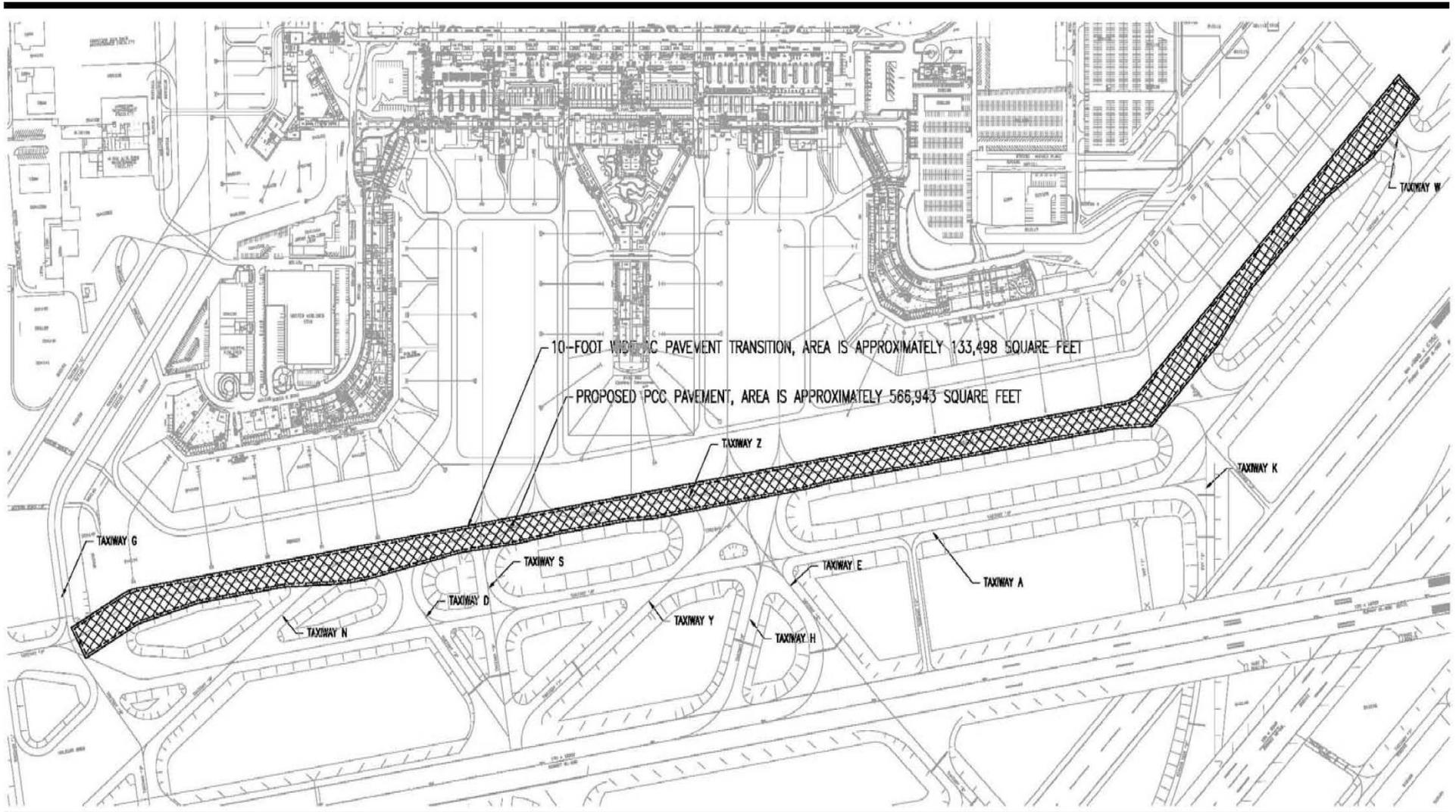
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Design Services for HNL Taxiway 'Z' Structural Improvements



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Proposed Projects

HNL Runway 26L Pavement Improvements

- ◆ Reimbursement of State's matching funds
- ◆ Project will rehabilitate and repave Runway 26L, adjust runway edge lighting, marking and grooving
- ◆ Corrects noted Part 139 discrepancies from FAA inspection in December 2011

Estimated Start date: March 2013

Estimated Completion date: March 2014

Federal AIP Grant: \$12.75 M

PFC pay-as-you-go: \$ 4.57 M

Total Project Cost: \$17.32 M



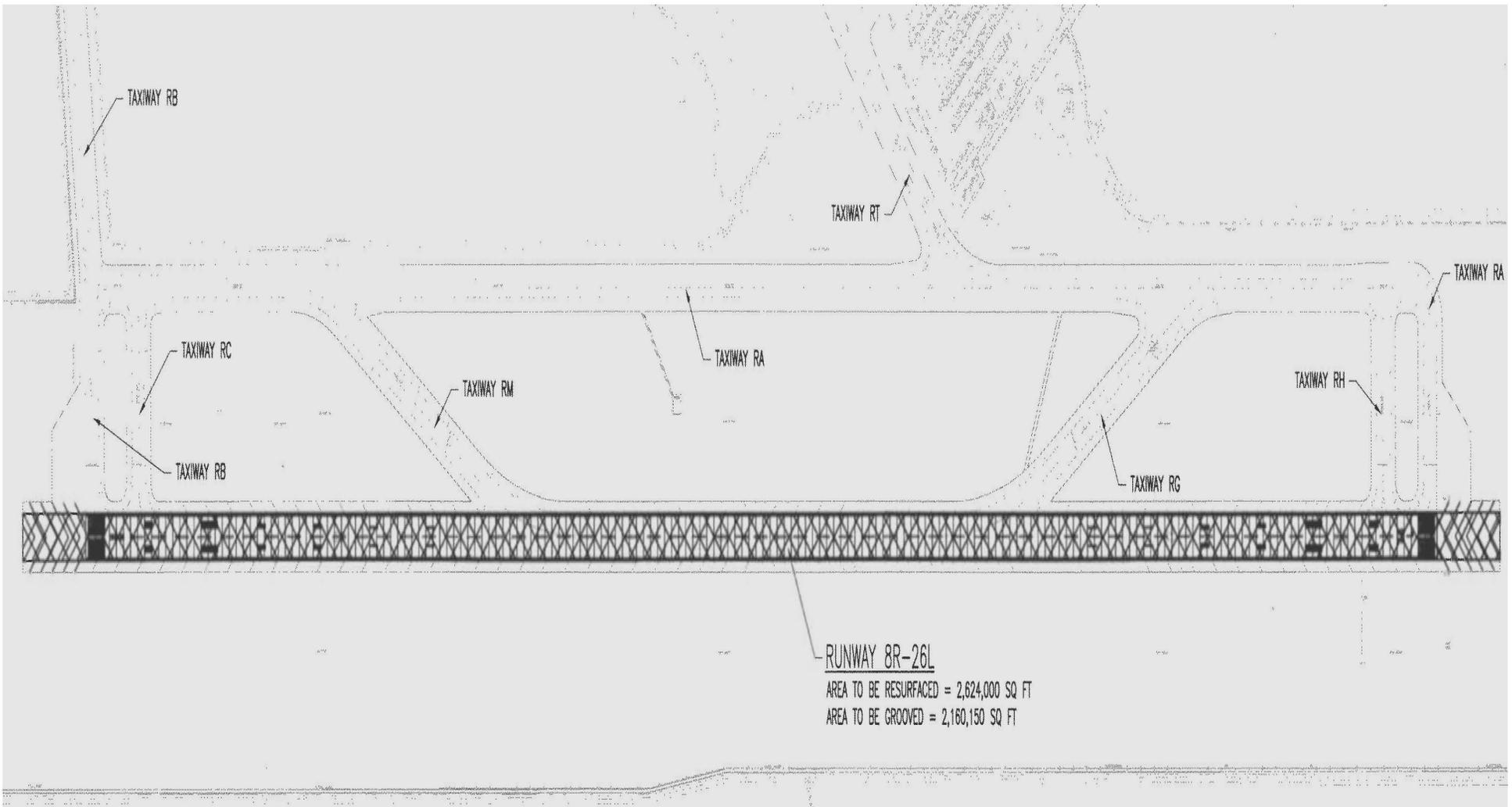
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HNL Runway 26L Pavement Improvements



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Proposed Projects

HNL 4R Pavement Reconstruction

- ◆ Provides reimbursement of State's matching funds
- ◆ Reconstructs Runway 4R including pavement, markings and grooving
- ◆ Corrects discrepancies noted in FAA Part 139 inspection in December 2011

Estimated Start date: Oct. 2013

Estimated Completion date: Oct. 2014

PFC Pay-as-you-go: \$ 5.4 M

AIP Grant: \$ 16.0 M

Total Project Cost: \$ 21.4 M



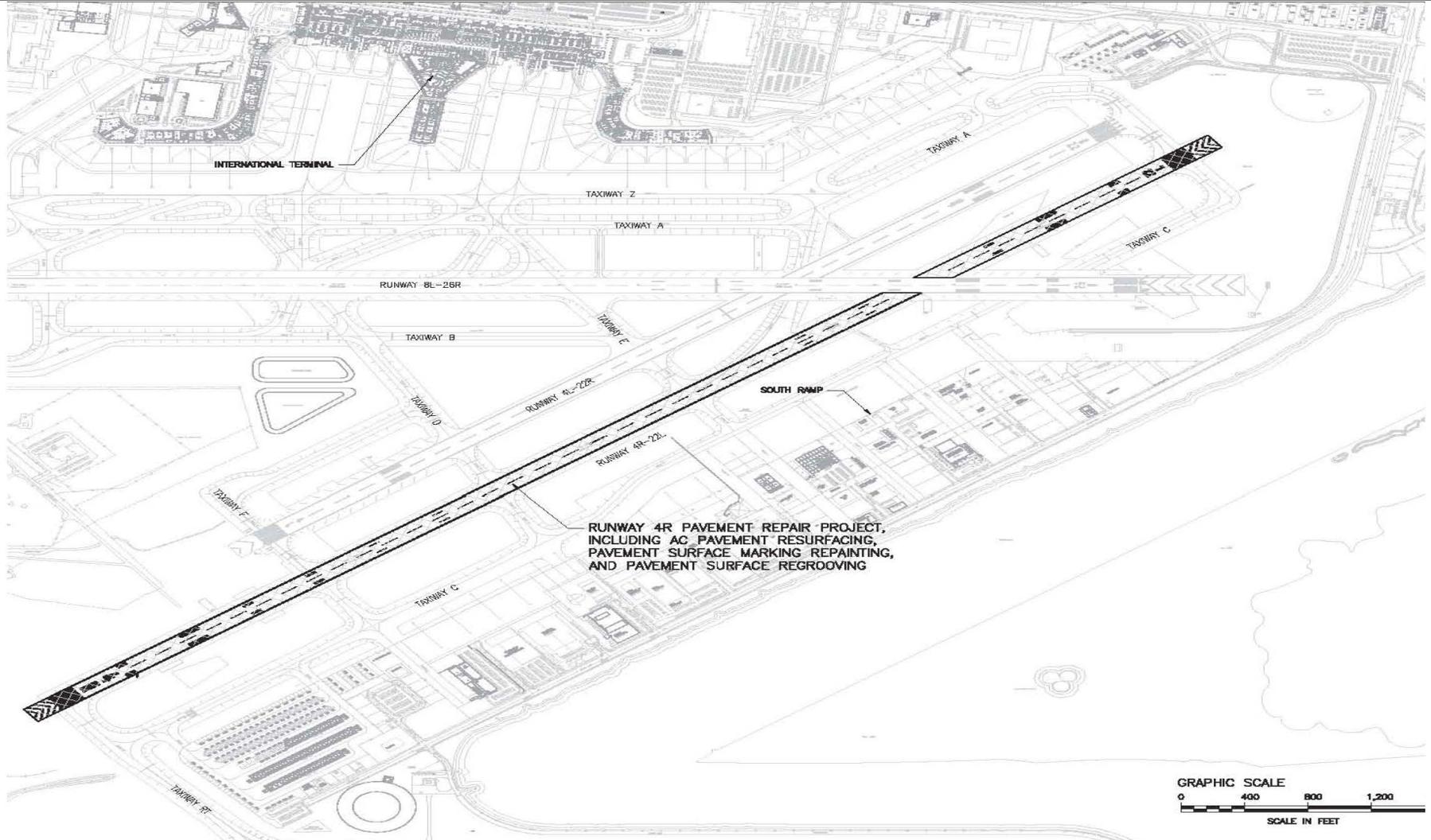
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HNL Runway 04R Pavement Reconstruction



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Proposed Projects

HNL Runway 8L Widening & Misc. Improvements

- ◆ Provides reimbursement of State's matching funds
- ◆ Widening of Runway 8L from 150-ft. to 200-ft. including pavement, striping, and lighting upgrades
- ◆ Project will preserve, improve and enhance airfield safety.

Estimated Start date: Oct. 2013

Estimated Completion date: Oct. 2014

PFC Pay-as-you-go: \$ 16.1 M

Total Project Cost: \$ 16.1 M



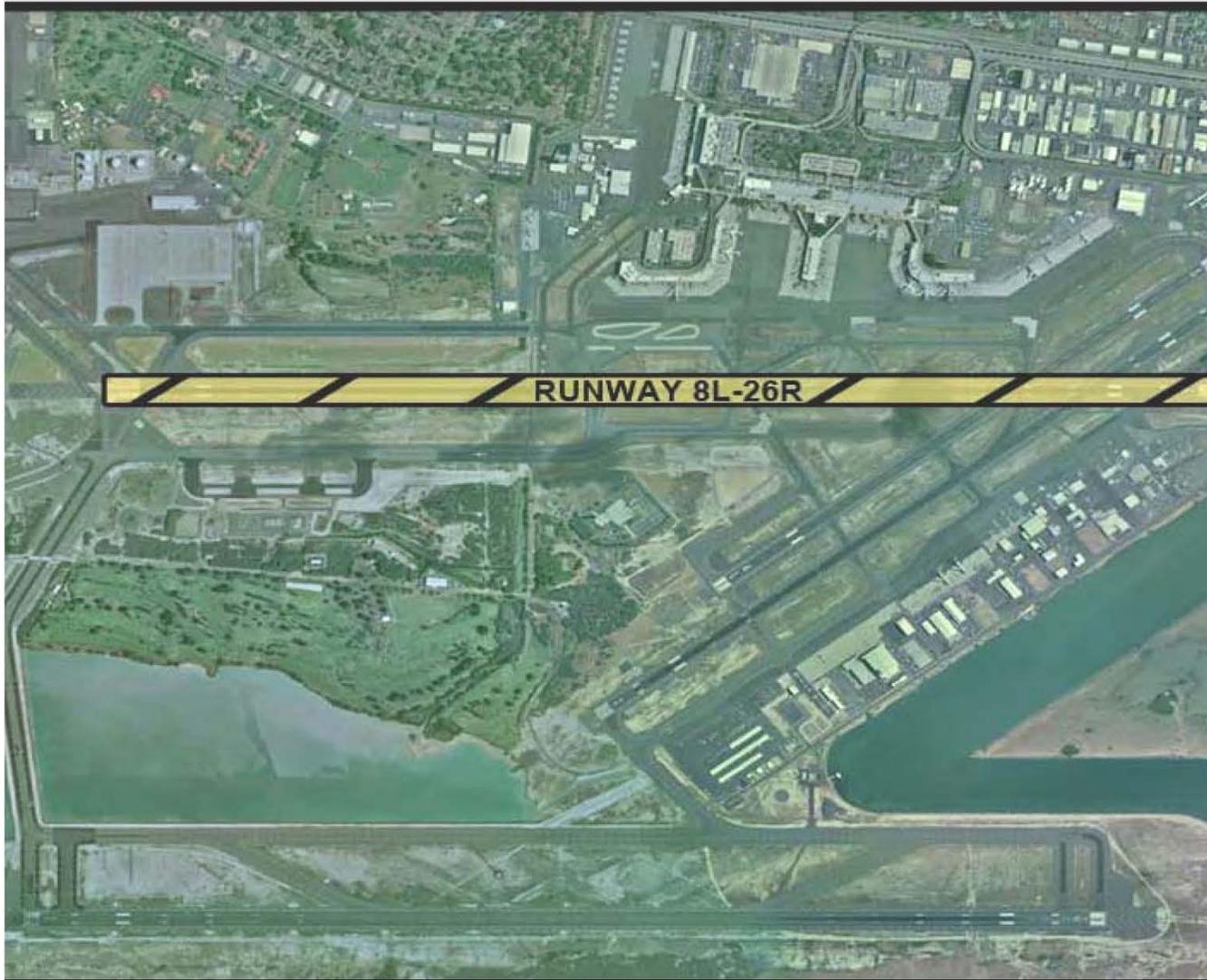
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HNL Runway 8L Widening & Misc. Improvements



ATTACHMENT A HONOLULU INTERNATIONAL AIRPORT

 Project Location

PROJECT NAME
Runway 8L Widening



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Proposed Projects

HNL Runway 4L Edge Lighting

- ◆ Project will install new underground electrical duct banks, new runway edge lighting fixtures and new REIL system for Runway 4L and Runway 22R
- ◆ Corrects discrepancies noted in FAA Part 139 inspection in December 2011.

Estimated Start date: Jan. 2013

Estimated Completion date: Jan. 2014

PFC Pay-as-you-go: \$ 1.2 M

Total Project Cost: \$ 3.1 M



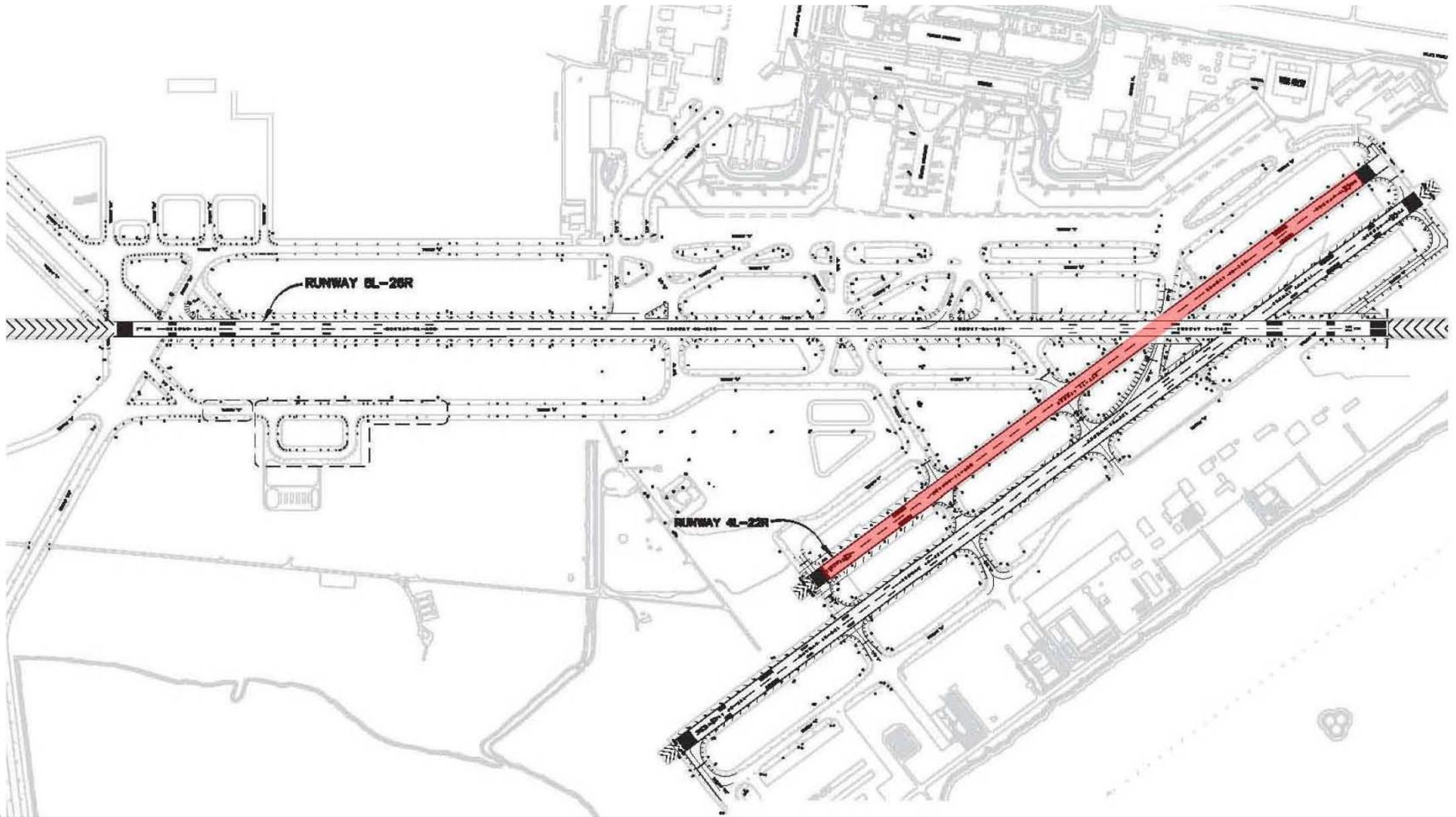
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HNL Runway 4L Edge Lighting



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HNL Overseas 2nd Level Roadway Improvements

- ◆ Renovates elevated 2nd Level Roadway
- ◆ Spall repairs in roadway, parapet walls, railings & supporting concrete columns & beams
- ◆ Replaces expansion joints, drainage system & lighting
- ◆ Several roadway areas with severe failure currently requires continuous patching

Estimated Start date: Sept. 2014

Estimated Completion date: Sept. 2015

PFC Bonds: \$ 7.6 M

Total Project Cost: \$ 7.8 M



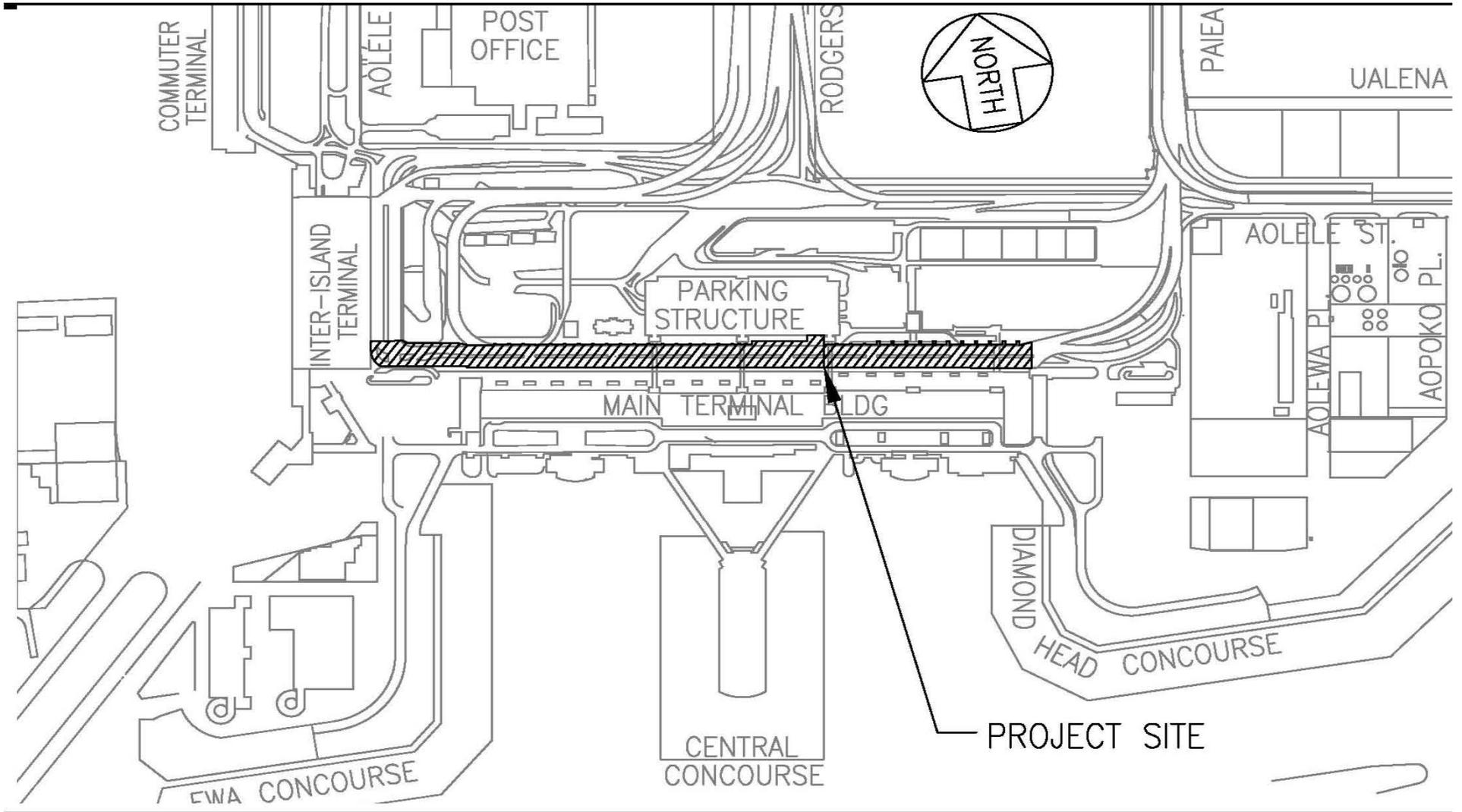
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HNL OST 2ND Level Roadway Improvements



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HNL Wiki-Wiki Shuttle Station Improvements

- ◆ Provides construction, CM & financing costs
- ◆ Roof replacement at Diamond Head & Ewa Stations
- ◆ Install glass canopies over landscaped areas at Ewa Station
- ◆ Increase overall floor slope to correct drainage issues

Estimated Start date: Sept. 2014

Estimated Completion date: June 2015

PFC Bond & Financing: \$ 5.8 M

Total Project Cost: \$ 8.5 M



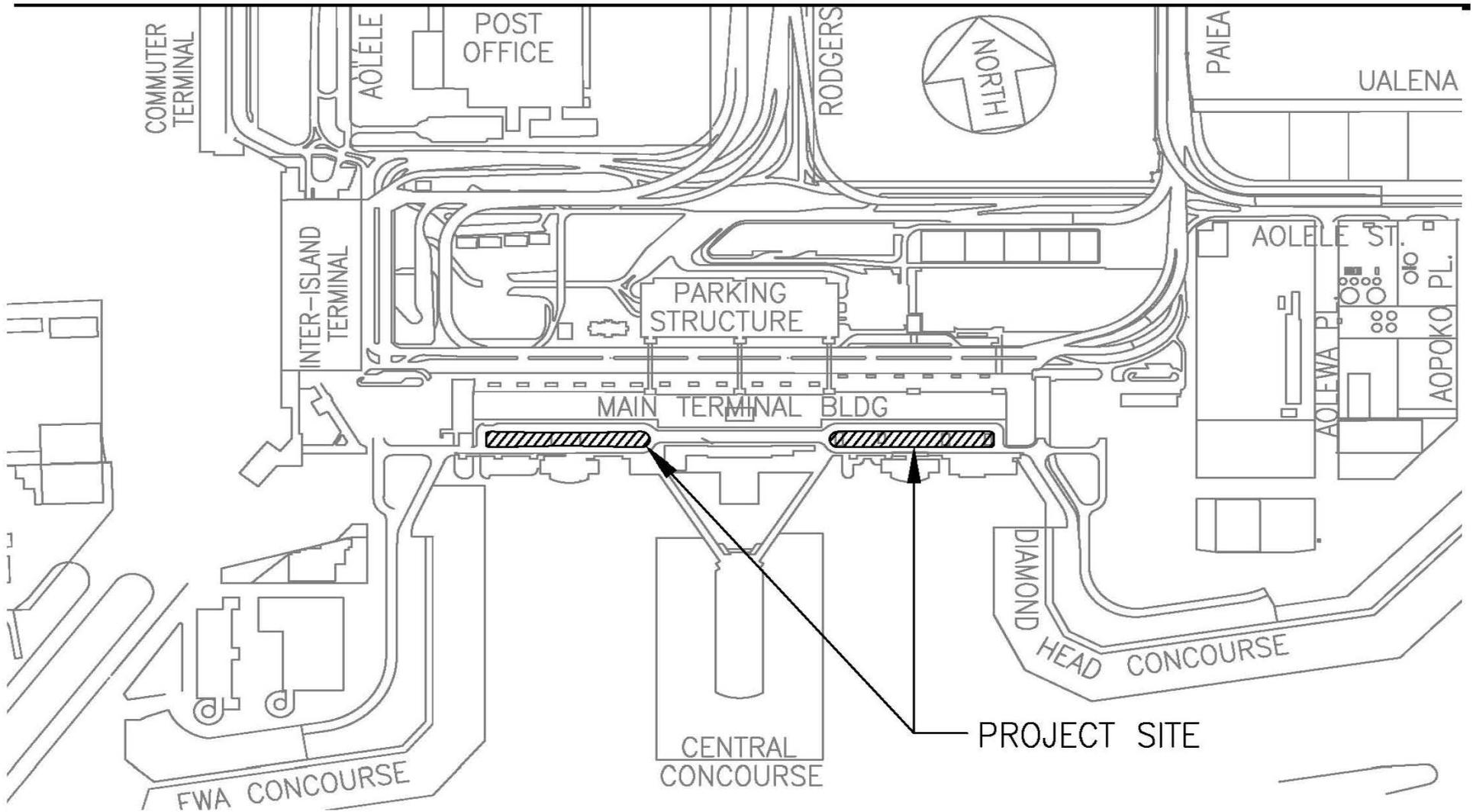
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HNL Wiki-Wiki Shuttle Station Improvements



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Proposed Projects

HNL Overseas Terminal Metal Roof Replacement

- ◆ Replaces and reconfigures the metal roof canopy & structural framing.
- ◆ Replaces all lighting and signage
- ◆ Raises height and extends the canopy
- ◆ Provide additional sidewalk area by demolishing planter boxes

Estimated Start date: Sept. 2014

Estimated Completion date: Dec. 2015

PFC Bond & Financing: \$ 7.8 M

Total Project Cost: \$ 16.3 M



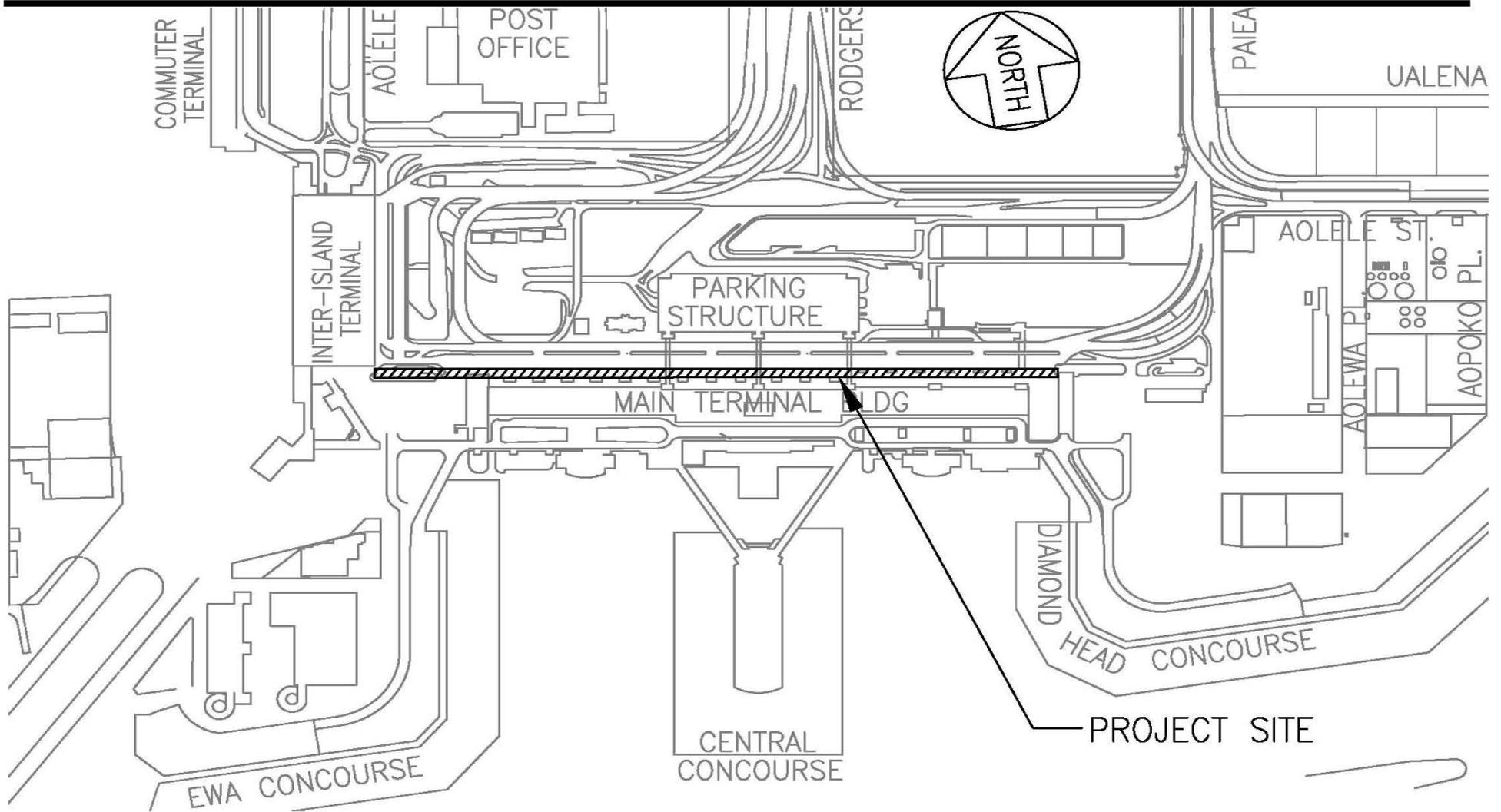
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HNL Overseas Terminal Metal Roof Replacement



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Proposed Projects

HNL Loading Bridge Replacement – Ewa Concourse

- ◆ Project replaces 12 loading bridges at Gates 29, 30, 31,32, 33 & 34
- ◆ Includes electrical, restriping of aircraft lead-in lines
- ◆ Existing bridges have reached their 20-year useful life.

Estimated Start date: Oct. 2013

Estimated Completion date: Oct. 2014

PFC Bond & Financing: \$ 31.9 M

Total Project Cost: \$ 31.9 M



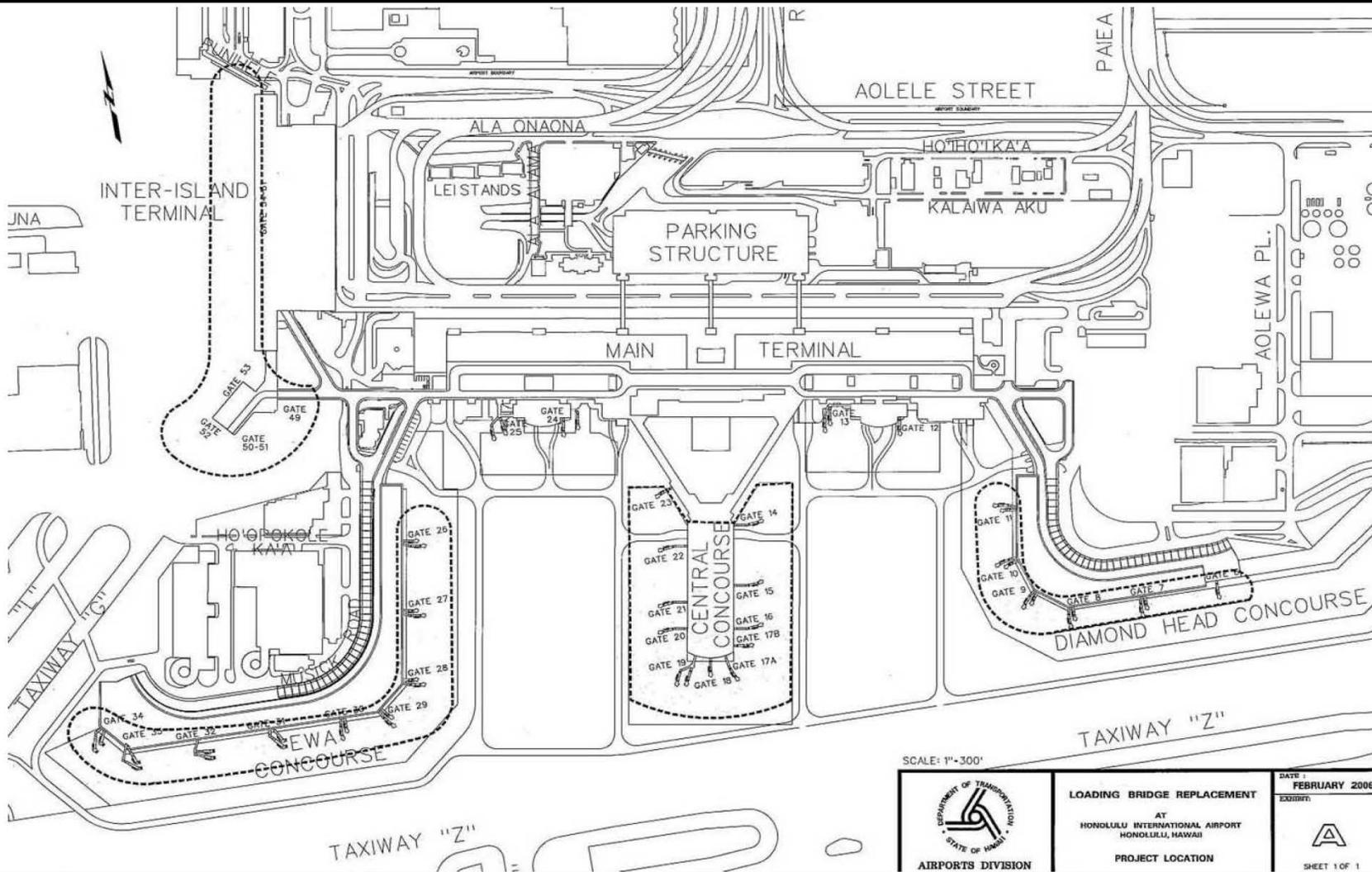
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HNL Loading Bridge Replacement – Ewa Concourse



SCALE: 1"=300'

 AIRPORTS DIVISION	LOADING BRIDGE REPLACEMENT AT HONOLULU INTERNATIONAL AIRPORT HONOLULU, HAWAII	DATE: FEBRUARY 2006 EXHIBIT:
	PROJECT LOCATION	 SHEET 1 OF 1



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Proposed Projects

HNL Taxilanes G & L Widening – Phases 1 & 2

- ◆ Project results in continuous dual taxilanes needed to provide increased separation for Group V aircraft.
- ◆ Reconstruct to correct areas of pavement failure & strengthen to accommodate Group V aircraft
- ◆ Realign & widen to improve safety due to increase in aircraft traffic resulting from Mauka Concourse construction
- ◆ Covering of Manuwai Canal near Taxiway ‘A’ to accommodate Taxilane Object Free Area for Taxilane L due to Group V aircraft will be included in Phase 1.

Estimated Start date: Oct. 2013

Estimated Completion date: Oct. 2014

PFC Bond & Financing: \$109.0 M

Total Project Cost: \$109.0 M



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HNL Taxilanes G & L Widening – Phase 1

Phase 1

Construction includes work on the Manuwai Canal on the north side of Taxiway A.

Paving of the intersection of Taxiway A is also included.



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HNL Taxilanes G & L Widening – Phase 2

Phase 2

Construction may include multiple projects to accomplish work in front of the Interisland Terminal.



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Proposed Projects

HNL Interisland Terminal Mauka Extension

- ◆ Building approx. 280,000 SF in size
- ◆ Gates: 6 wide-body or 11 narrow body
- ◆ Loading Bridges: 13 – includes modified Gate 61 bridge
- ◆ Building includes new security screening lanes, public area furnishings, concessions area, restrooms, common areas
- ◆ Aircraft parking apron, airfield pavement, jet blast fencing,
- ◆ Fuel hydrant system extension

Estimated Start date: Feb. 2014
Estimated Completion date: Feb. 2016

PFC Bonds & Financing: \$469.8 M
Total Project Cost: \$ 610.7 M



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HNL Interisland Terminal Mauka Extension

PFC Eligibility

	Estimated Square Footage		
	Total	Eligible	Ineligible
RAMP LEVEL			
Tenant Space	83,296		83,296
Loading Dock	3,510	3,510	
Circulation	13,007	13,007	
Electrical	7,136	7,136	
Mechanical	5,515	5,515	
Trash	200	200	
Service Core/Restroom	2,876	2,876	
Comm	1,574	1,574	
Ecospace (non-occupied)	1,568		1,568
Vertical Circulation	567	567	
CONCOURSE LEVEL			
Gate Holdroom	33,241	33,241	
Circulation	40,109	40,109	
Concession / Retail	22,680		
Security Checkpoint	12,260	12,260	
Service Core / Restroom	9,349	9,349	
Airline Lounge	5,039		5,039
Tenant Space	727		727
Comm	474	474	
Electrical	743	743	
Trash	40	40	
Gatehouse	5,117	5,117	
Ecospace/Landscape	9,583		9,583
Vertical Circulation	1,116	1,116	
Overall Building - 2 stories	259,727	136,834	122,893
Percentage	100%	53%	47%



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HNL Interisland Terminal Mauka Extension

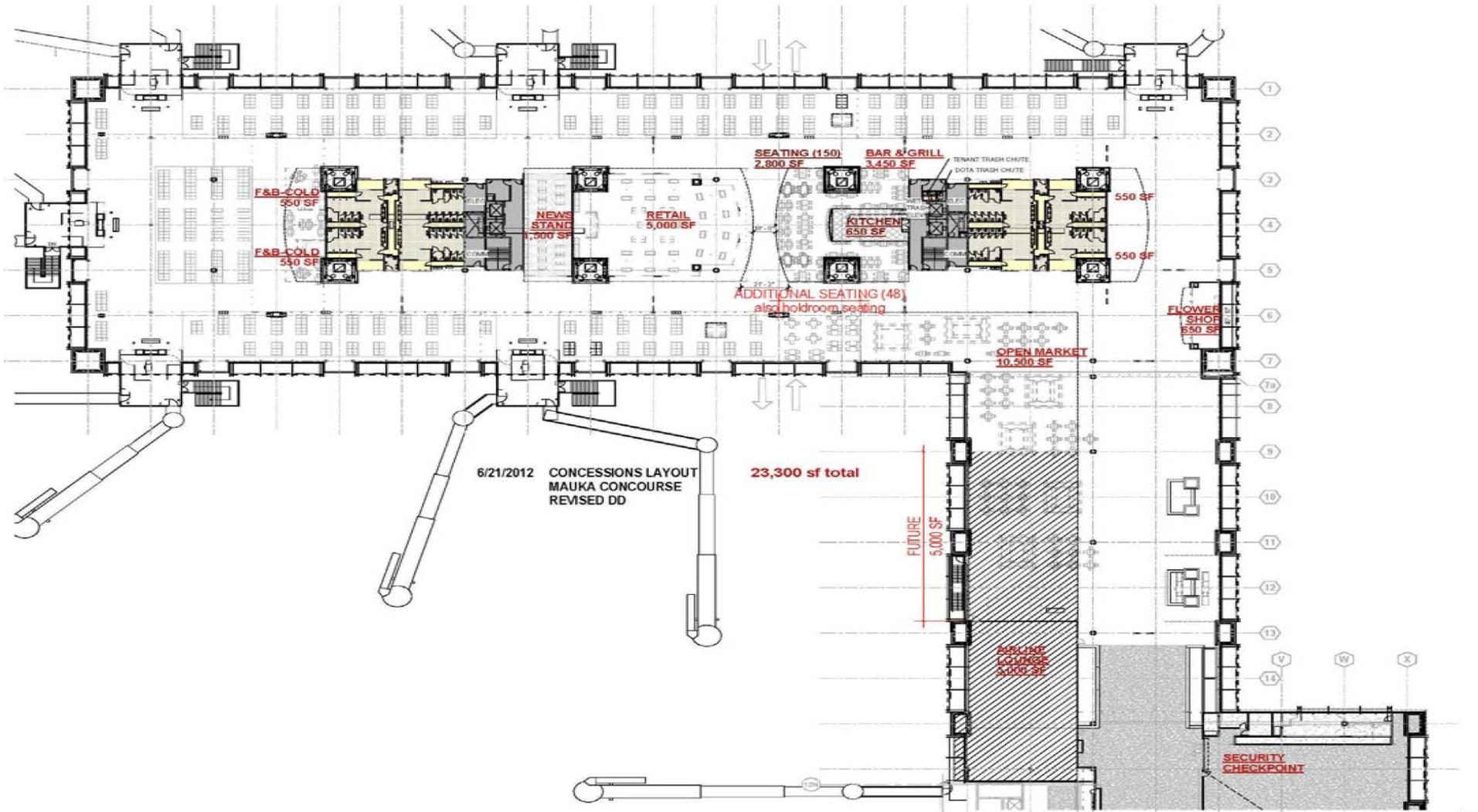


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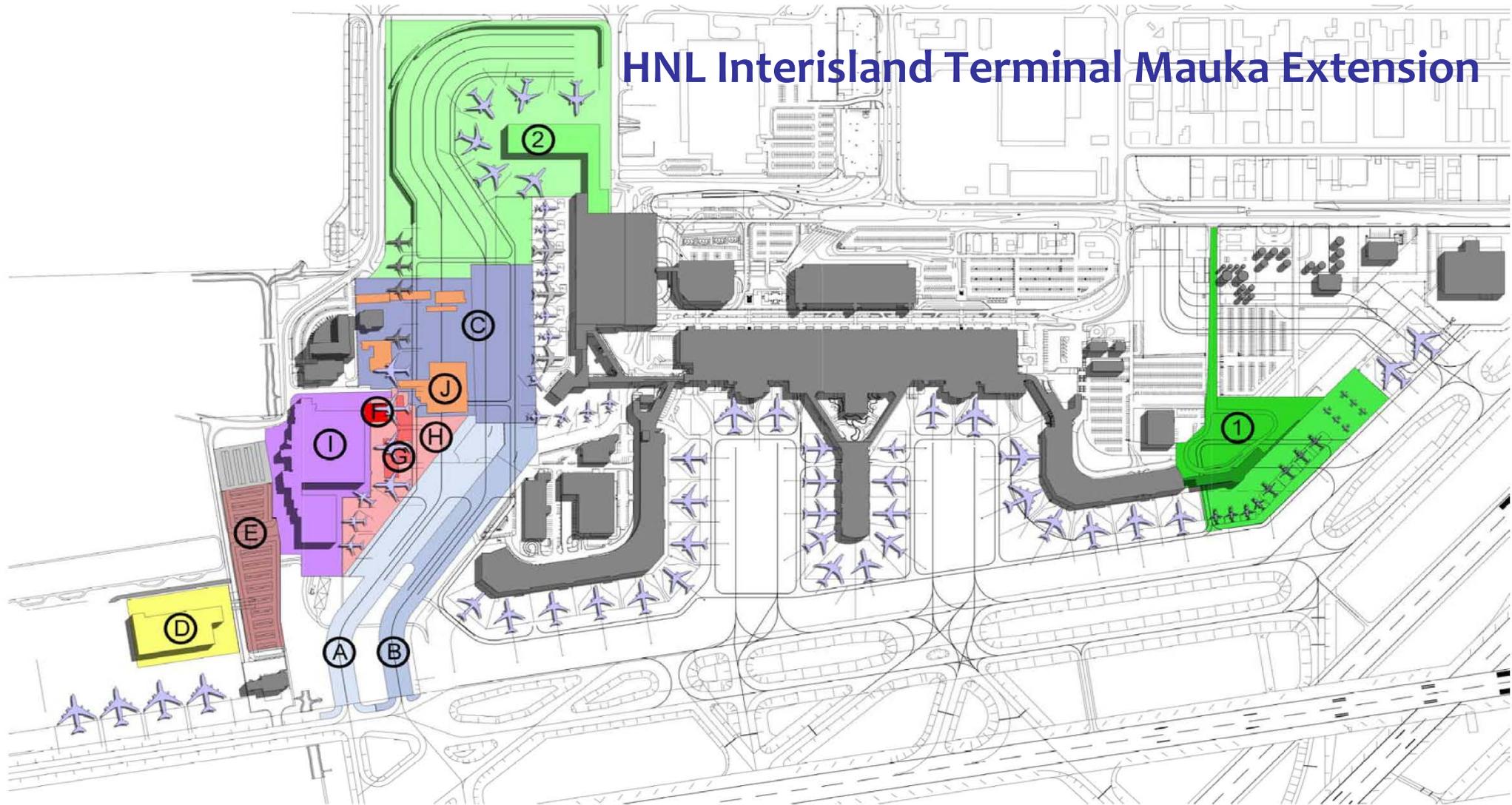


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HNL Interisland Terminal Mauka Extension



- 1 Diamond Head Commuter Terminal
 - 2 Mauka Concourse
 - A Taxilanes G&L Phase 1
 - B Taxilanes G&L Phase 2A
 - C Taxilanes G&L Phase 2B
 - D Aloha Air Cargo Facility
 - E New Employee Parking Lot
 - F Demo Red Brick Bldg & AAC Utility Relocation
 - G Demo Old Aloha Airlines Buildings
 - H Hanger Hardstand
 - I Hawaiian Airlines Maintenance Hanger & Cargo
 - J Demo Remaining Hawaiian/Aloha Buildings
 - Existing Buildings
- Program Manager
PARSONS
- New Day Work Projects HNL Capital Program | Mauka Concourse Sequencing



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Proposed Projects

HNL Hawaiian/Aloha Facility Demolition

- ◆ Demolition of approx. 181,000 SF of building structures:
 - Bldg. 153 – Hawaiian/Aloha Air Cargo Joint Maintenance Hangar
 - Bldg. 158 – Hawaiian Engine Shop
 - Bldg. 159 – Hawaiian Maintenance
 - Bldgs. 161 & 162 (adjoined) –Hawaiian Multipurpose buildings
 - Bldg. 163 – Hawaiian Cargo Facility and sprung structure
 - Hawaiian Credit Union Building & all storage structures
- ◆ Removal of utilities: electrical – overhead & underground, lighting, sewer, drainage, water and fire suppression systems.

Estimated Start date: April 2014
Estimated Completion date: Feb. 2015

PFC Bond & Financing: \$ 34.41 M
Total Project Cost: \$ 34.41 M



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HNL Hawaiian/Aloha Facility Demolition



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Proposed Projects

Aircraft Rescue & Fire Fighting Facility (ARFF) Improvements at KOA & ITO (Design Services Only)

- ◆ Reimbursement of State's share of design costs for
ITO – ARFF Station Improvements
KOA – ARFF Station Relocation

Estimated Start date: Jan. 2013

Estimated Completion date: Jan. 2014

PFC Bond & Financing: \$ 2.3 M

Total Project Cost: \$ 5.3 M



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ITO ARFF Facilities Improvements

- ◆ Reimbursement of State's matching funds
- ◆ Hilo is assigned ARFF Index C
- ◆ New, relocated Station will increase garage door openings from 13 feet to 16 feet to meet OSHA & Part 139 clearances. Trucks currently have less than 1-ft. of clearance

Estimated Start date: Jan. 2013

Estimated Completion date: Jan. 2014

PFC Pay-as-you-go: \$.05 M

PFC Bond & Financing: \$ 10.5 M

Total Project Cost: \$ 20.0 M



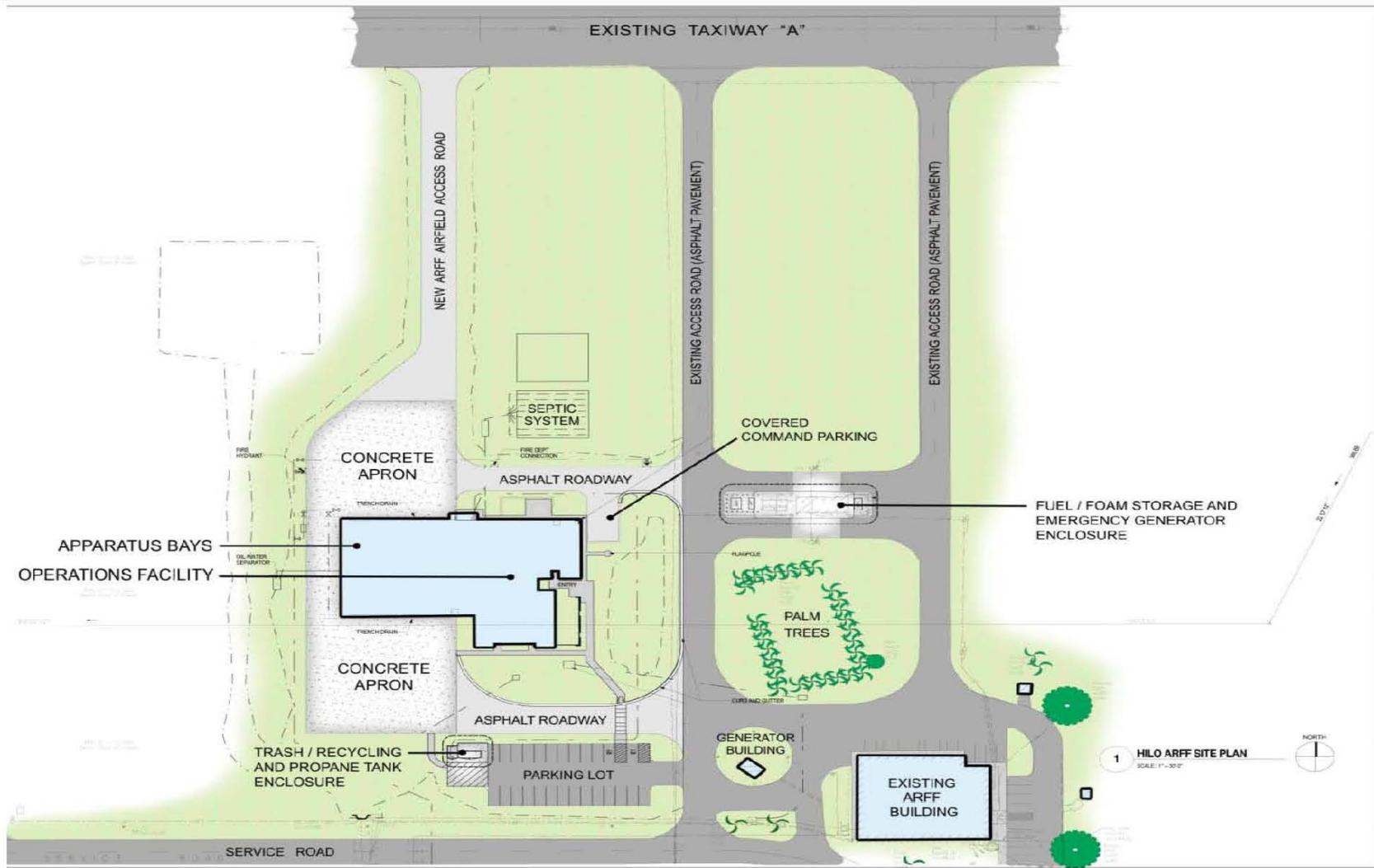
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ITO ARFF Facilities Improvements



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ITO Access Control & CCTV Systems

- ◆ Upgrade and replace the existing Access Control System & Video Monitoring System (also known as closed circuit TV system)
- ◆ Upgrades proximity card and PIN system
- ◆ Upgrades CCTV from analog to digital
- ◆ Original system installed in early 1990s with partial upgrades in the past 10-15 years
- ◆ Meets increased TSA security requirements (Part 1542)

Estimated Start date: Oct. 2012

Estimated Completion date: Oct. 2014

PFC Pay-as-you-go: \$ 2.8 M

Total Project Cost: \$ 2.8 M



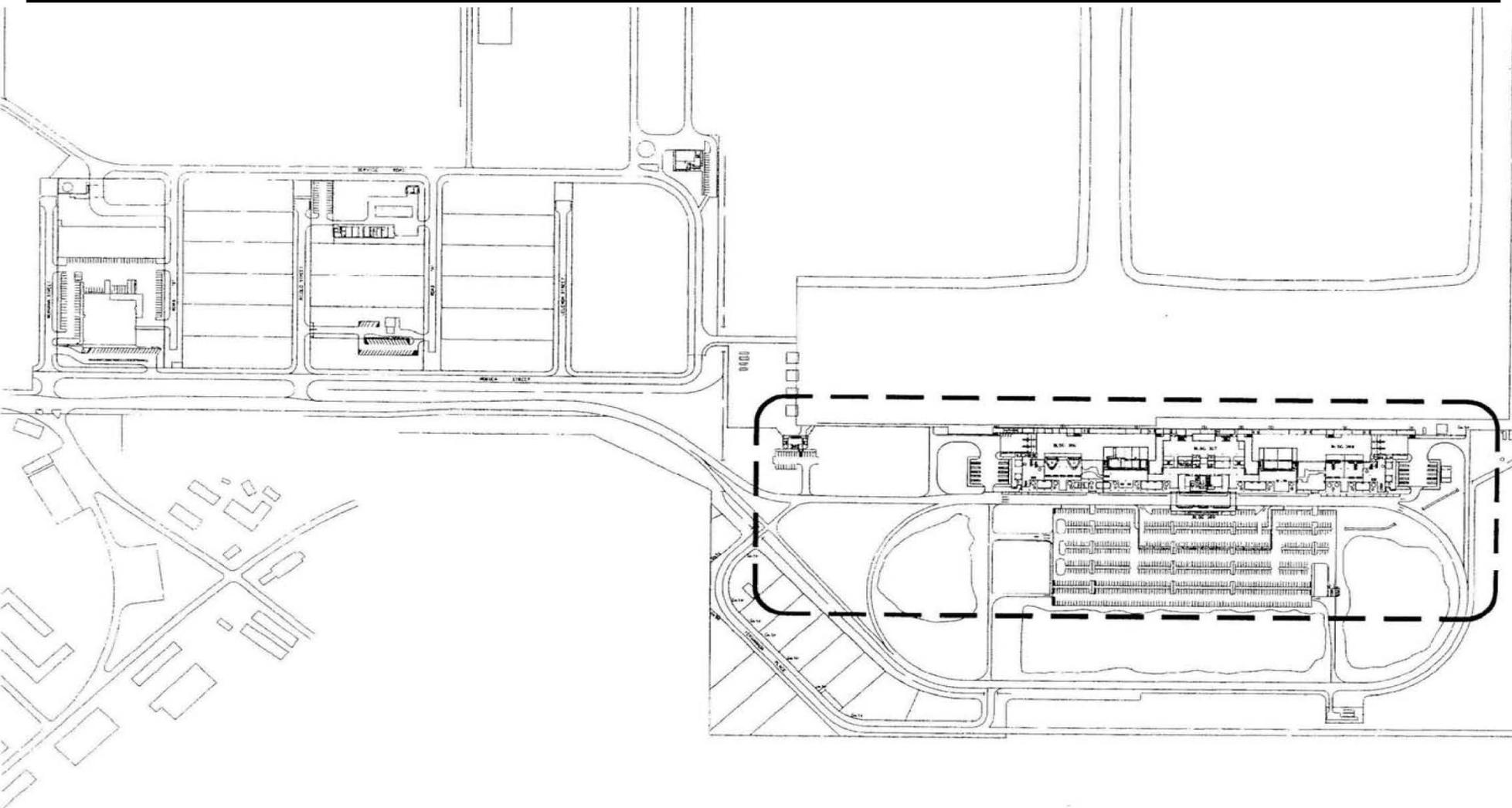
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ITO Access Control & CCTV Systems



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Proposed Projects

KOA ARFF Station Relocation

- ◆ Reimbursement of State's matching funds
- ◆ Kona is assigned ARFF Index D
- ◆ New location has improved sightlines of runway, taxiways & terminal
- ◆ Provides improved response time
- ◆ Increased vehicle space, storage for fire equipment & emergency medical services
- ◆ Area for hazardous material decontamination
- ◆ New parking area for ARFF vehicles, new connecting road to airfield

Estimated Start: Jan. 2013

Estimated Completion date: Jan. 2014

PFC Bond & Financing: \$ 5.4 M

Total Project Cost: \$19.6 M



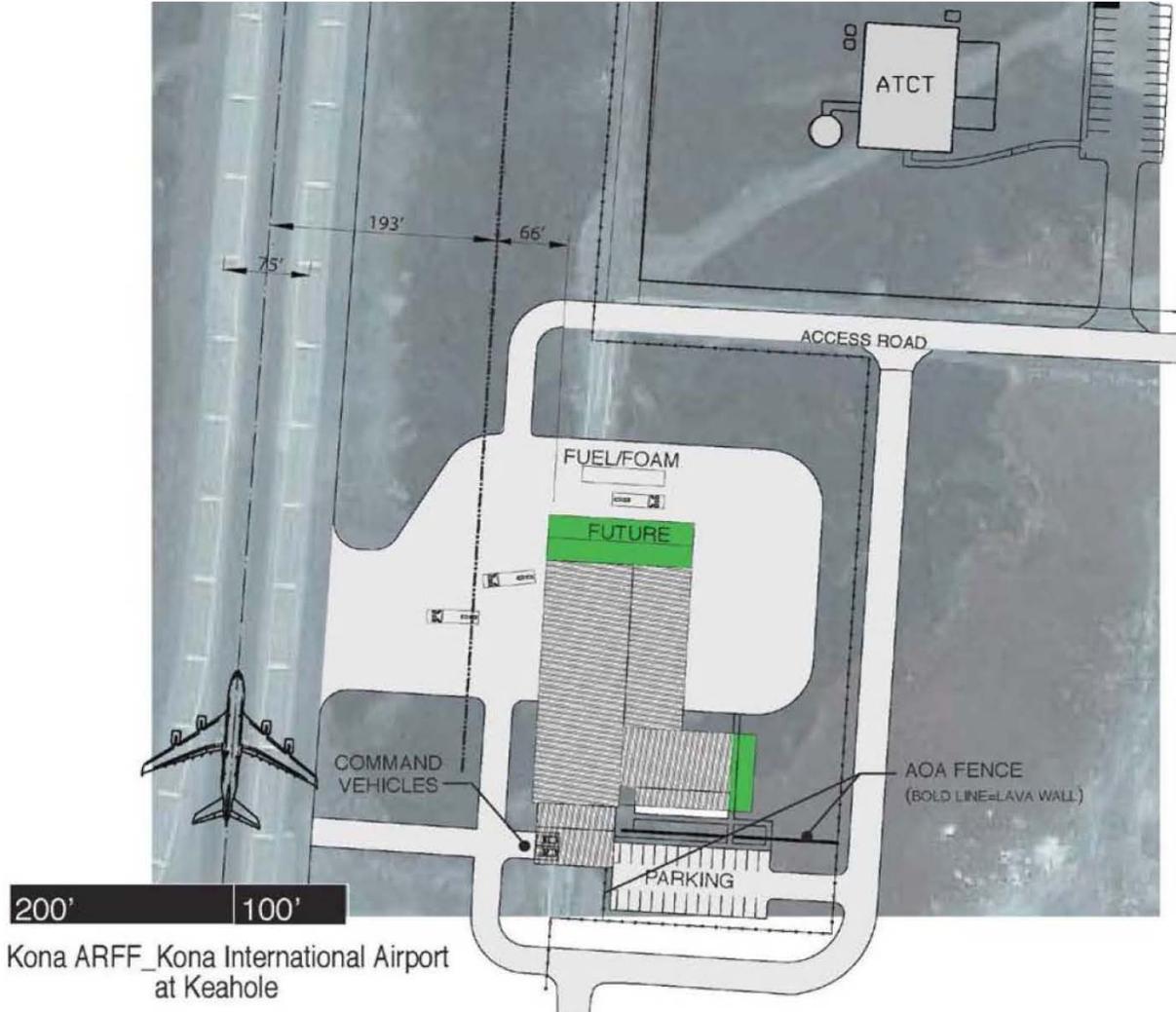
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KOA ARFF Station Relocation



Kona ARFF_Kona International Airport at Keahole



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KOA Access Control & CCTV Systems

- ◆ Upgrade/replace the existing Access Control System & Video Monitoring System (also known as closed circuit TV system)
- ◆ Upgrades proximity card and PIN system
- ◆ Upgrades CCTV from analog to digital
- ◆ Original system installed in early 1990s with partial upgrades during the past 10-15 years
- ◆ Meets increased TSA security requirements (Part 1542)

Estimated Start date: Oct. 2012

Estimated Completion date: Oct. 2014

PFC Pay-as-you-go: \$ 5.9 M

Total Project Cost: \$ 5.9 M



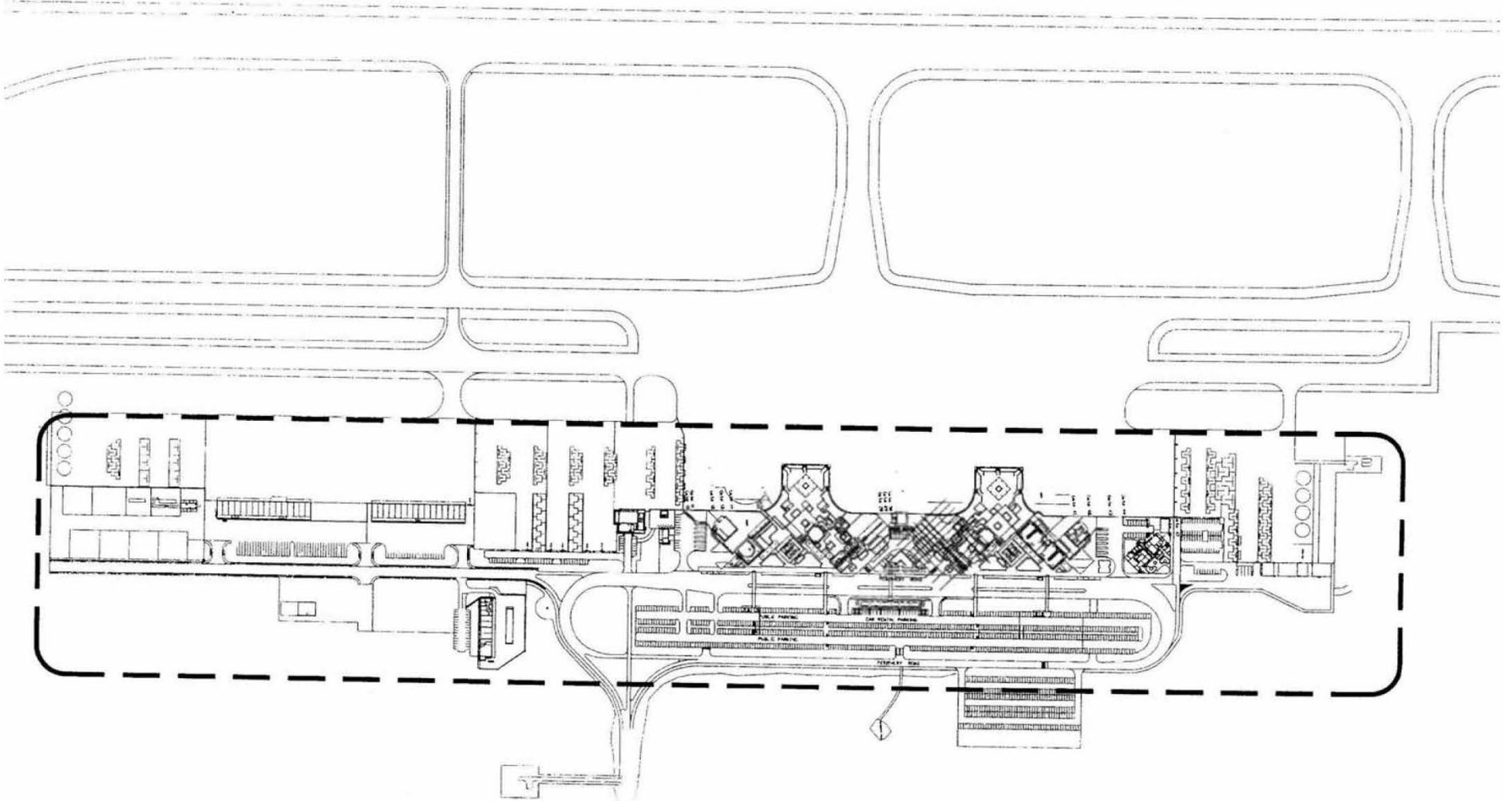
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KOA Access Control & CCTV Systems



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OGG Spencer Properties Acquisition (Impose Only)

- ◆ Reimburse the cost to acquire 2 parcels
- ◆ Includes a water well and pump station
- ◆ Approximately 70 acres total area
- ◆ Allows control of lands within existing Runway Protection Zone for Runway 5-23
- ◆ Provides a noise exposure buffer between the airport and developed lands

Estimated Start: April 2012

Estimated Completion date: Dec. 2012

PFC Bond & Financing: \$20.0 M

Total Project Cost: \$20.0 M



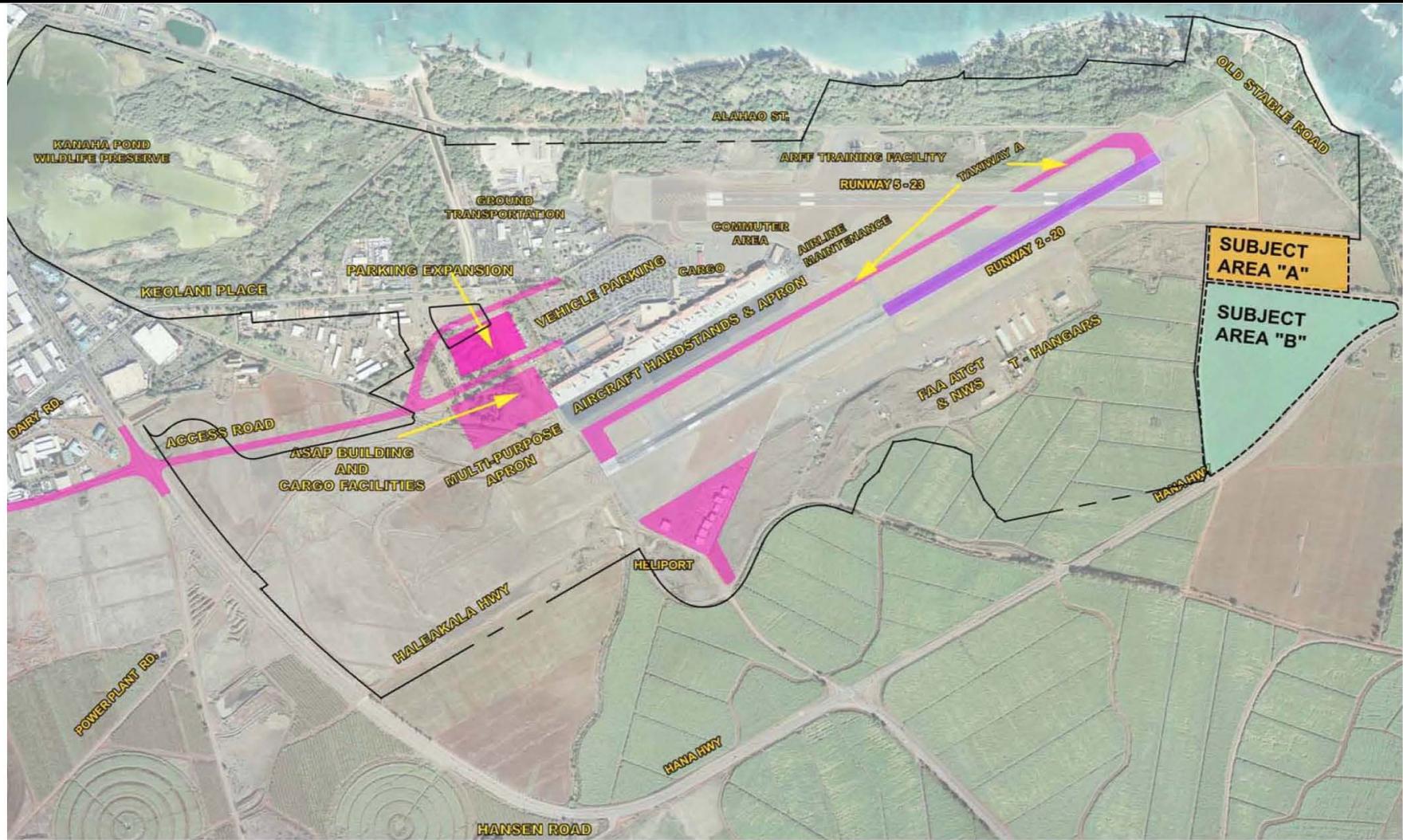
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OGG Spencer Properties Acquisition (Impose Only)



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Proposed Projects

HNL Runway 22 Culvert Runway Safety Area (Impose Only)

- ◆ Constructs improvements to Runway 22 culvert within the RSA to meet the required 1,000-ft. length by 500-ft. width
- ◆ Includes site work, installation of drainage system & box culvert
- ◆ Covers the open canal, realigns the perimeter roadway and
- ◆ Relocates the precision instrument approach system
- ◆ Without improvements, the runway will be down-sized for approach category B-III and below aircraft
- ◆ Required to meet FAA Order 5200.8 RSA Program & AC 150/5300-13
- ◆ Congress has mandated all large hub airports to improve RSAs by 2015

Estimated Start: Jan. 2013

Estimated Completion date: Jan. 2014

PFC Bond & Financing: \$ 5.4 M

Total Project Cost: \$19.6 M



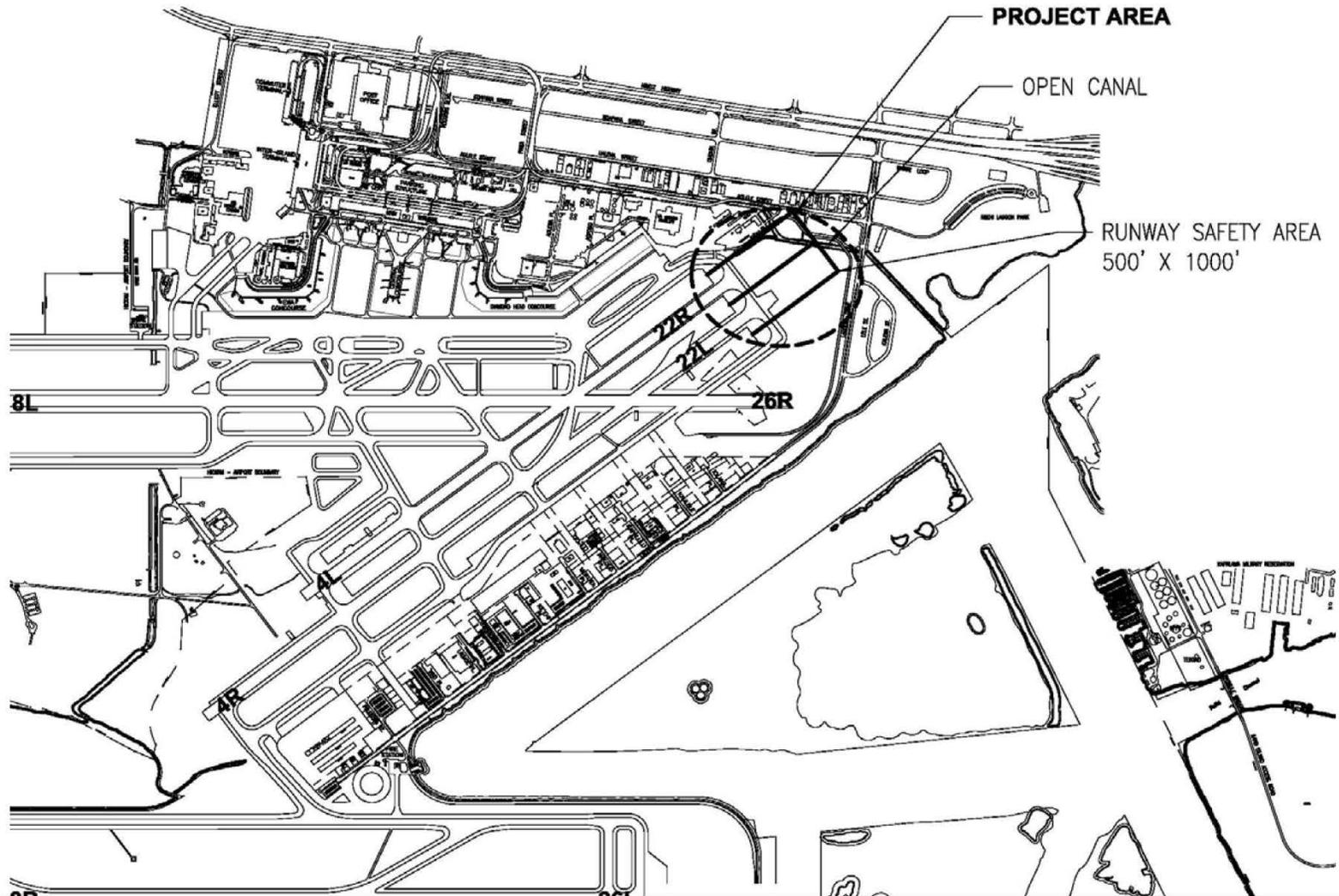
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HNL Runway 22 Culvert Runway Safety Area (Impose Only)



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PFC Application Schedule

<u>Action</u>	<u>Duration</u>	<u>Begin</u>	<u>End</u>
Air Carrier Consultation Meeting	1 day	Sept 27, 2012	Sept 27, 2012
Air Carrier comment period	32 days	Sept 27, 2012	Oct 29, 2012
PFC Application Submittal to FAA (Submittal is pending EA approval)	70 days	Oct 29, 2012	Jan 10, 2013
FAA Initial Review Period	30 days	Jan 10, 2013	Feb 10, 2013
FAA Final Approval Period	90 days	Feb 10, 2013	May 10, 2013
FAA Final Agency Decision (FAD)	1 day	May 10, 2013	May 10, 2013
Air Carrier Notification of Collection Date	36 days	May 24, 2013	July 1, 2013
PFC Charge Effective Date	1 day	Feb 1, 2014	Feb 1, 2014



Reminder

Comment Period for the Air Carriers

- ◆ Please submit comments in writing
- ◆ 30-Day comment period: September 27, 2012 to October 29, 2012
- ◆ Submit written comments to:

Ms. Sandra J. Kam
Programs Management Engineer
400 Rodgers Blvd., Suite 700
Honolulu, Hawaii 96819

Email: airengineering@hawaii.gov





Questions?



State of Hawaii
Dept of Transportation – Airports Division

PFC Application No. 5

September 27, 2012