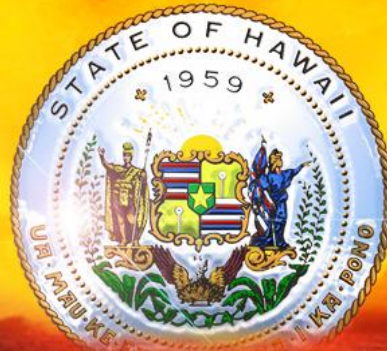


Airports New Day Work Projects



American Society of Civil Engineers

June 19, 2014

Airports Division

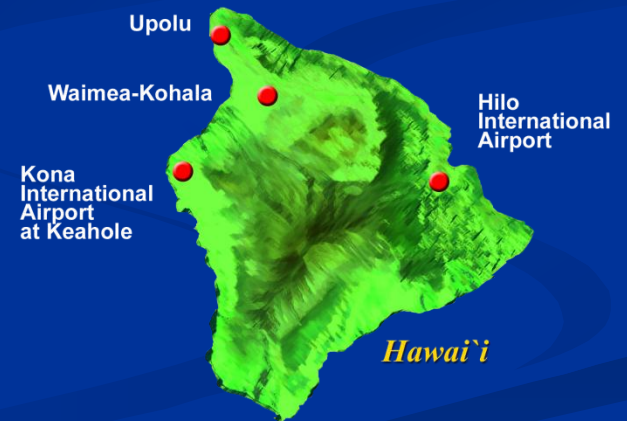
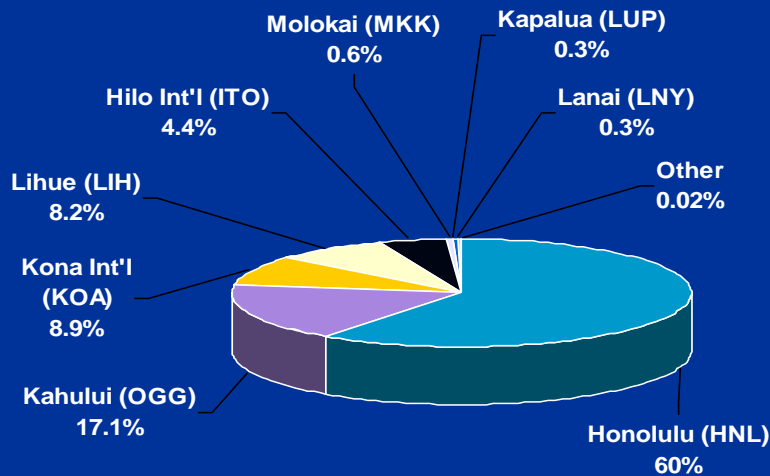
State of Hawaii Department of Transportation



AIRPORTS DIVISION



State System of 15 Airports
Serves 32 million passengers a year





AIRPORTS DIVISION



Mission

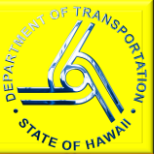
We provide an Airports System that reflects the unique spirit of Aloha and connects Hawaii with the world

Vision

"He kahua mokulele hanohano no ka Hawai'i a puni"
An Airports System that is the pride of our state



AIRPORTS DIVISION



New Day Work Projects

- 159 Projects
- \$2.7B Capital Program from 2010 to 2018
- \$5B in cumulative economic output or activity for the state
- \$2B in cumulative earnings
- 40,000 jobs
- Accommodate current and future volume of air traffic
- Improve the operational efficiency
- Improve the passenger experience
- Enhance safety and security requirements



AIRPORTS DIVISION

New Day Work Projects

Program Cost Summary		
All Projects		
As of March 31, 2014; Dollars in Thousands		
	Number of Projects	CWEs
By Airport		
Honolulu International	62	\$ 1,446,828
Hilo International	9	83,231
Kona International at Keahole	12	178,977
Kahului	29	569,848
Lihue	10	78,581
Other Airports	14	77,698
Statewide Programs	18	193,240
Active Projects	154	\$ 2,628,403
Closed Projects	5	46,266
As of March 31, 2014	159	\$ 2,674,669

Number of Projects in Each Development Status by Airport							
All Projects							
As of March 31, 2014; Dollars in Thousands							
Airport	Planning	Design	Bid/Award	Construction	Closeout	Closed	Total
Honolulu International	12	18	4	19	9	2	62
Hilo International	1	3	1	3	1	-	9
Kona International at Keahole	3	3	2	3	1	-	12
Kahului	10	4	5	5	5	-	29
Lihue	7	-	-	1	2	3	10
Other Airports	4	1	2	5	2	-	14
Statewide Programs	12	2	1	1	2	-	18
Total	49	31	15	37	22	5	159



AIRPORTS DIVISION



The Hawaii Airports System Is Self-Supporting

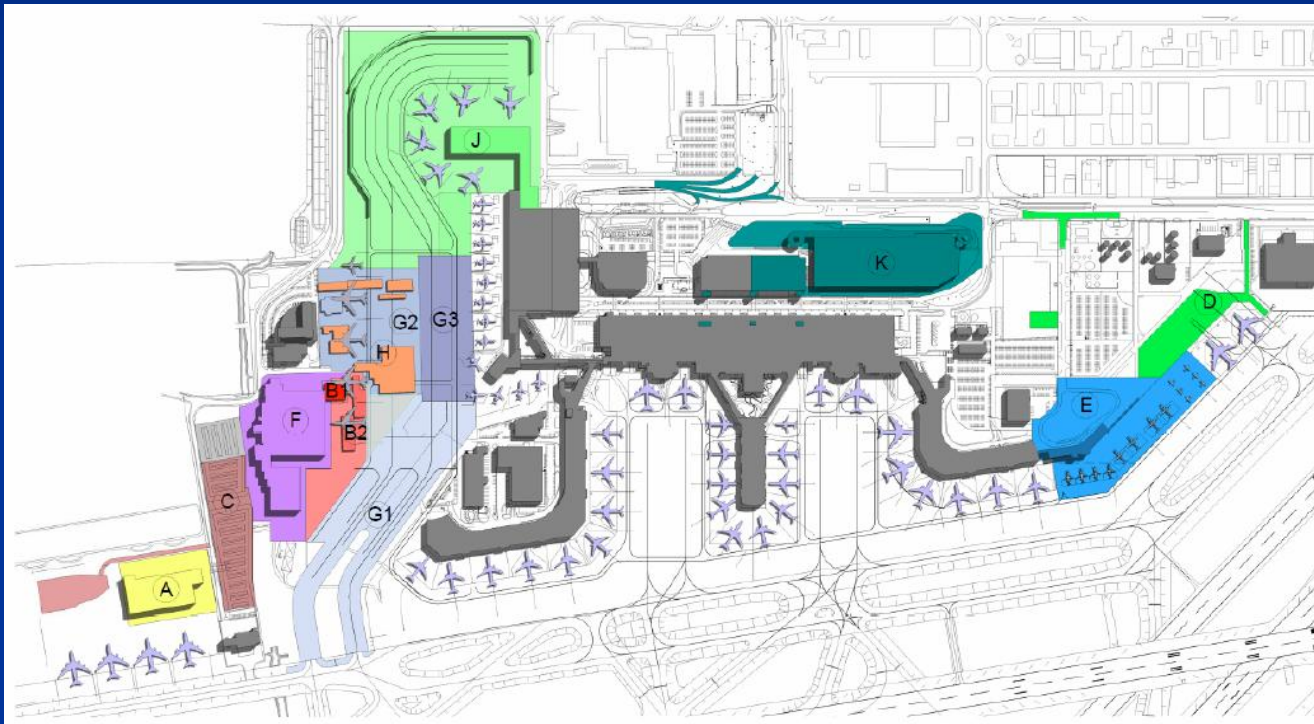
- The State of Hawaii's General Fund (tax revenues) does not fund the operation of the Airports System.
- Rather, the Airports System generates its own revenues and pays for its own expenses from concession and airline revenue.
- The Airports System is a Special/Enterprise Fund similar to a private sector entity.

Primary Sources of Funds	Primary Uses of Funds
<ul style="list-style-type: none">• Airline revenues: landing fees, terminal rentals, etc.• Nonairline revenues: passenger concession fees, parking revenues, etc.• Federal grants and Passenger Facility Charge revenues	<ul style="list-style-type: none">• Operating expenses (personnel, contractual services, utilities, etc.)• Debt service payments• Capital expenditures (facilities, equipment, etc.)



Airport Modernization Program

Honolulu International Airport



DESCRIPTION

Projects include:

- AQ Cargo (Tenant)
- AQ Maintenance (Tenant)
- AQ Cargo Demo Ph. I
- AQ Cargo Demo Ph. II & Hardstand
- New Employee Parking Lot
- DH Commuter Terminal
- HA Maintenance & Cargo
- Taxiways G& L Widening
- AQ & HA Facilities Demo
- Mauka Concourse
- CONRAC

CONSTRUCTION COST
\$750M

SCHEDULE

Start June 2013

Est. Completion June 2018



AQ Cargo Demo Ph. I

Honolulu International Airport



DESCRIPTION

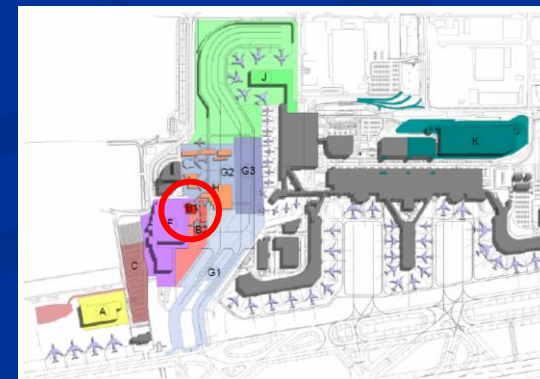
Demolition of Aloha Air Cargo red brick building, including relocation of the communication vault associated with the building; Provide utility stub-outs for the future Aloha Air Cargo site.

CONSTRUCTION COST

\$3.3M

SCHEDULE

Completed Oct 2013





HA Maintenance & Cargo

Honolulu International Airport



DESCRIPTION

New maintenance and cargo facility for Hawaiian Airlines.

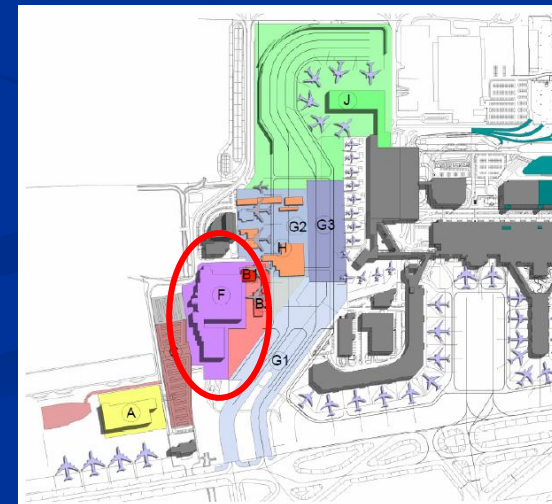
CONSTRUCTION COST

\$85.4M

SCHEDULE

Start Apr 2013

Est. Completion Mar 2015





New Employee Parking Lot

Honolulu International Airport



DESCRIPTION

New pervious concrete pavement parking lot for employees using the Elliott Street Support Facilities.

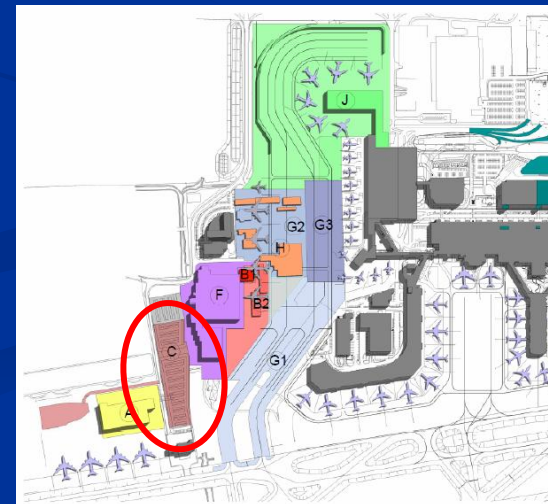
CONSTRUCTION COST

\$7.5M

SCHEDULE

Start June 2013

Est. Completion Sept 2014





Construction

Honolulu International Airport





AQ Cargo (Tenant)

Honolulu International Airport

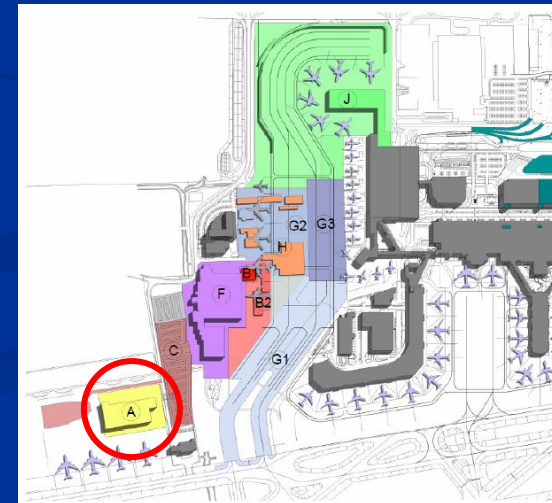


DESCRIPTION

New cargo facility for Aloha Air Cargo.

SCHEDULE

Completed Mar 2014





AQ Cargo Demo Ph. II & Hardstands

Honolulu International Airport



Facilities to be demolished

DESCRIPTION

Demolition of the remaining Aloha Air Cargo facilities;
Construction of PCC pavement hardstands.

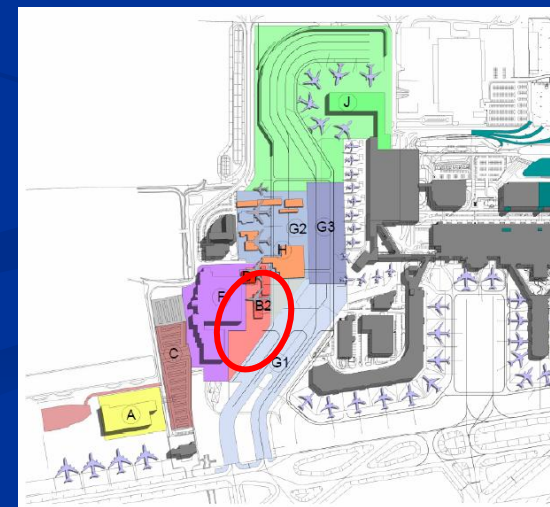
CONSTRUCTION COST

\$7M

SCHEDULE

Start June 2014

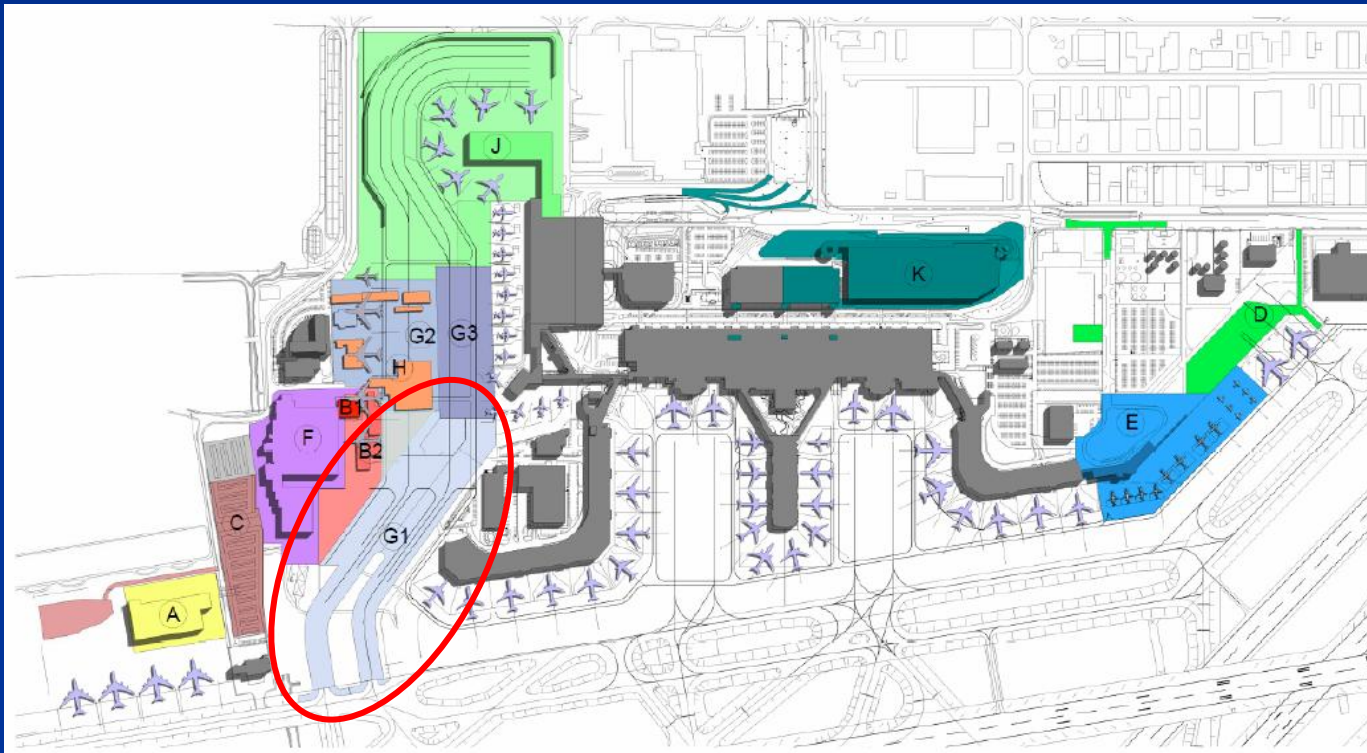
Est. Completion Dec 2014





Taxilanes G & L Widening Ph. I

Honolulu International Airport



DESCRIPTION

Widen and strengthen taxiways to meet FAA Airport Design Standards to accommodate Aircraft Design Group (ADG) V aircrafts anticipated to use the Mauka Concourse; Cover a portion of the Manuwai Canal to meet ADG V taxiway safety areas.

CONSTRUCTION COST

\$45M

SCHEDULE

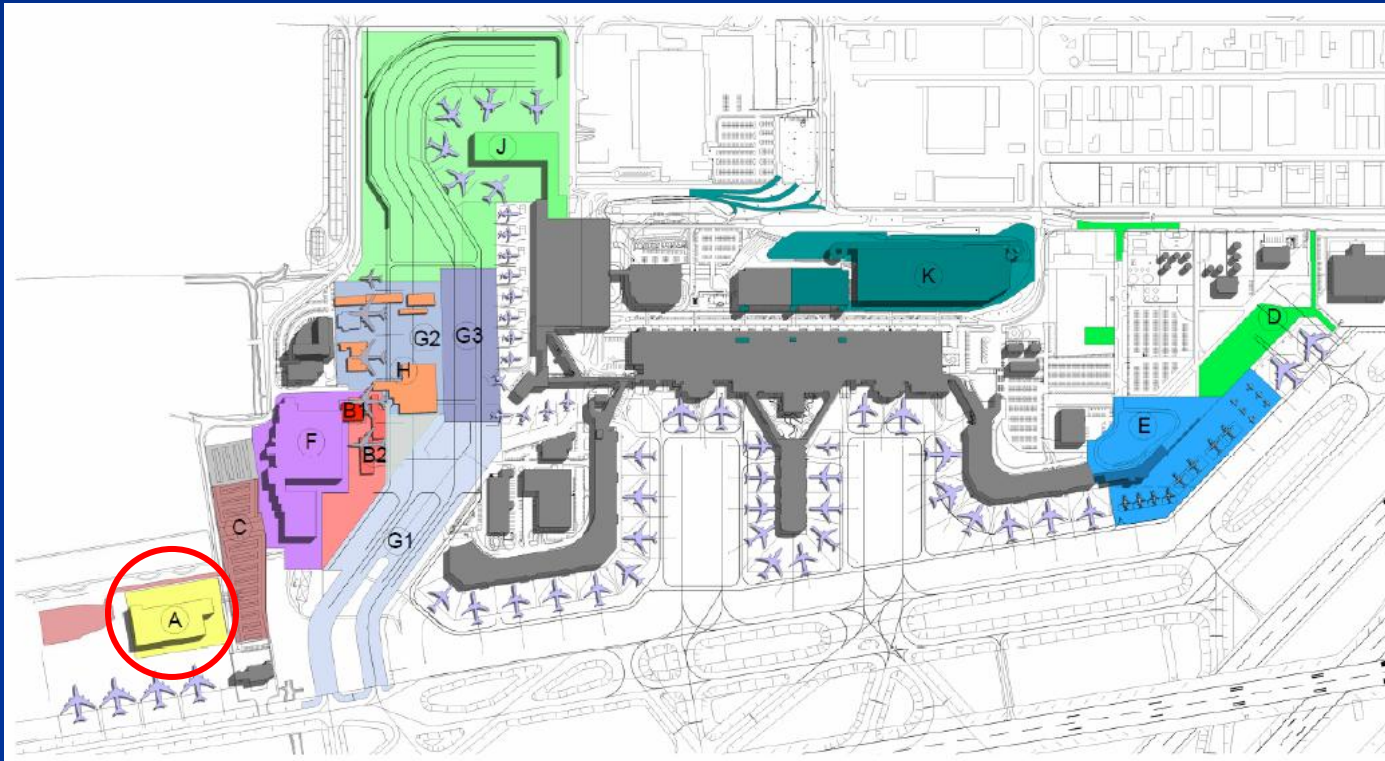
Est. Start Aug 2014

Est. Completion June 2015



AQ Maintenance (Tenant)

Honolulu International Airport



DESCRIPTION

New maintenance facility for Aloha Air Cargo.

SCHEDULE

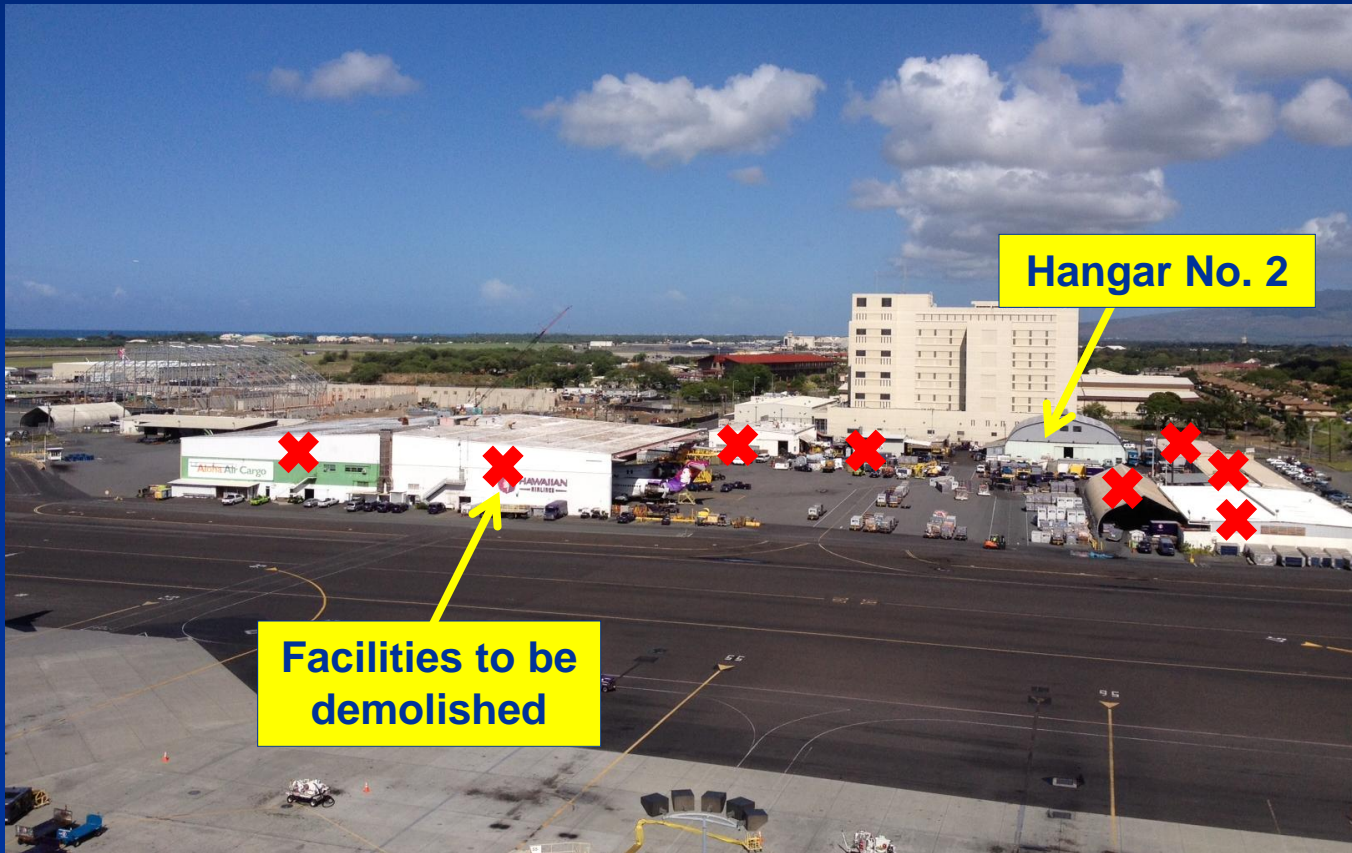
Start May 2014

Est. Completion Jan 2015



AQ & HA Facilities Demolition

Honolulu International Airport



DESCRIPTION

Demolition of the AQ/HA maintenance facility and HA cargo facilities.

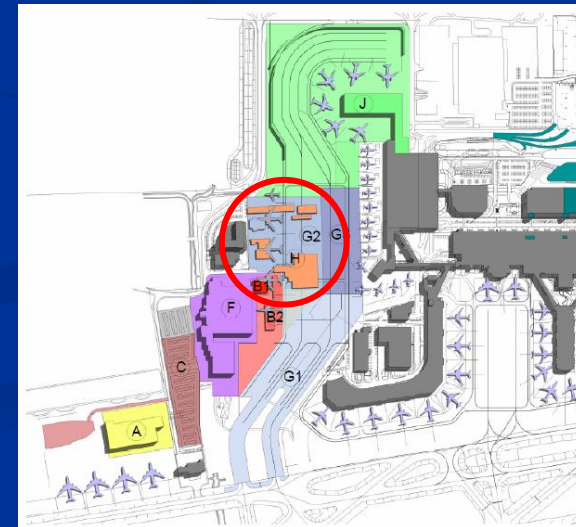
CONSTRUCTION COST

\$14M

SCHEDULE

Est. Start Sept 2015

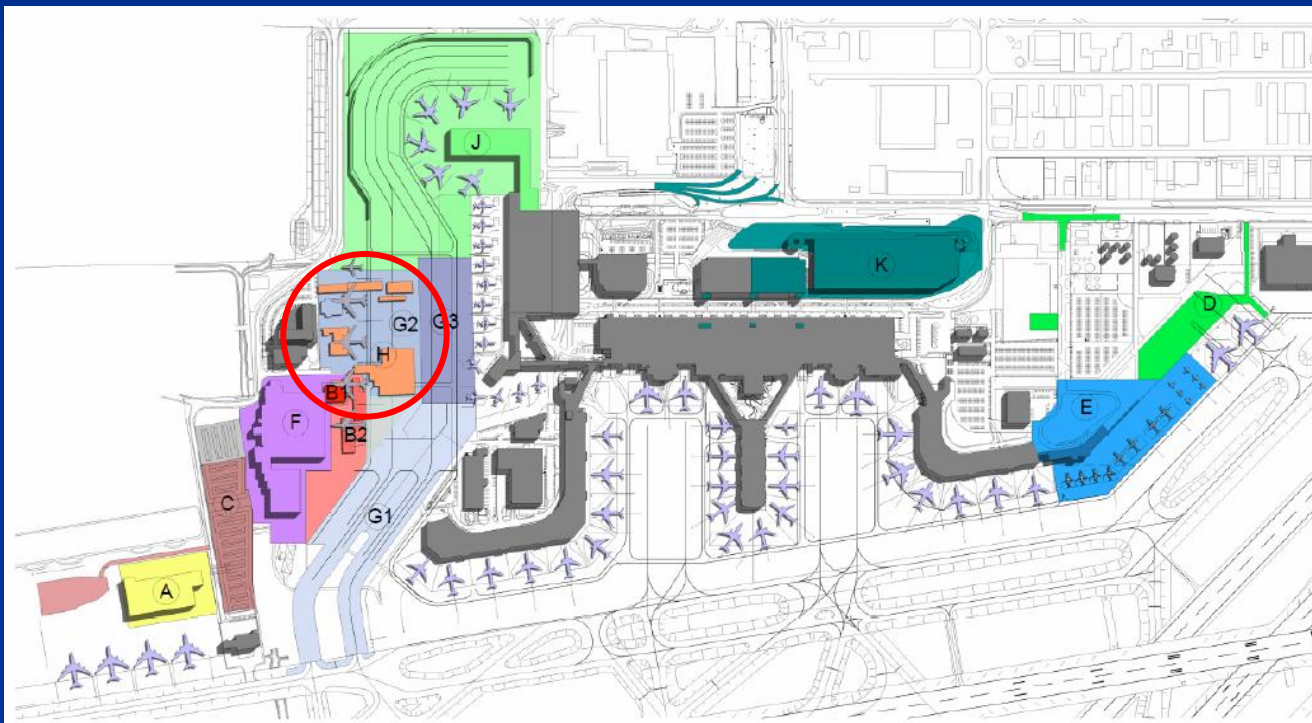
Est. Completion Sept 2016





Taxilanes G & L Widening Ph. II

Honolulu International Airport



DESCRIPTION

Widen and strengthen taxilanes to meet FAA Airport Design Standards to accommodate Aircraft Design Group (ADG) V aircrafts anticipated to use the Mauka Concourse.

CONSTRUCTION COST

\$15M

SCHEDULE

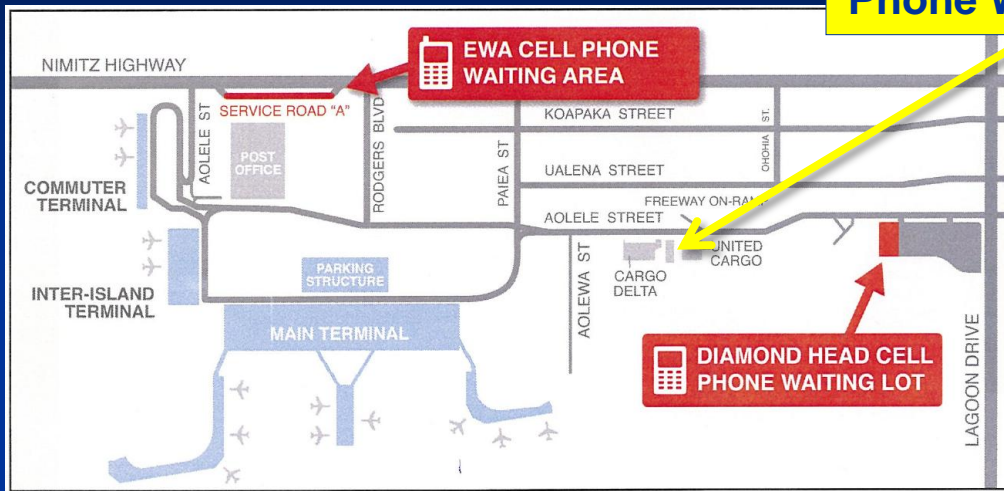
Est. Start Sept 2016

Est. Completion Feb 2017



DH Site Improvements

Honolulu International Airport



Former Cell
Phone Waiting Lot

New Access A

DESCRIPTION

Site improvements necessitated from the construction of the DH Commuter Terminal.

CONSTRUCTION COST

\$15M

SCHEDULE

Start Mar 2014

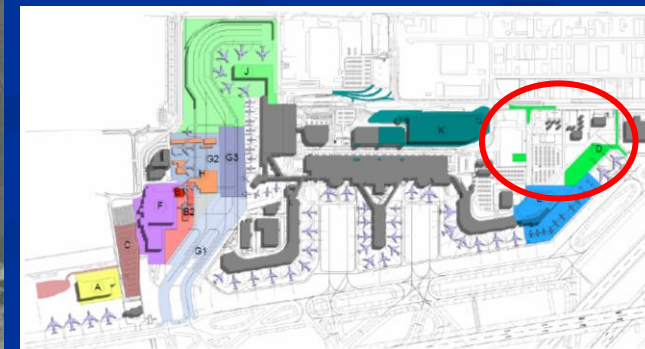
Est. Completion Dec 2014



Existing
Access A

Aolewa Street

Google earth





DH Commuter Terminal

Honolulu International Airport



DESCRIPTION

New 35,000 SF
Commuter Terminal
adjacent to Gate 6 at the
end of the Diamond Head
Concourse.

CONSTRUCTION COST
\$36M

SCHEDULE

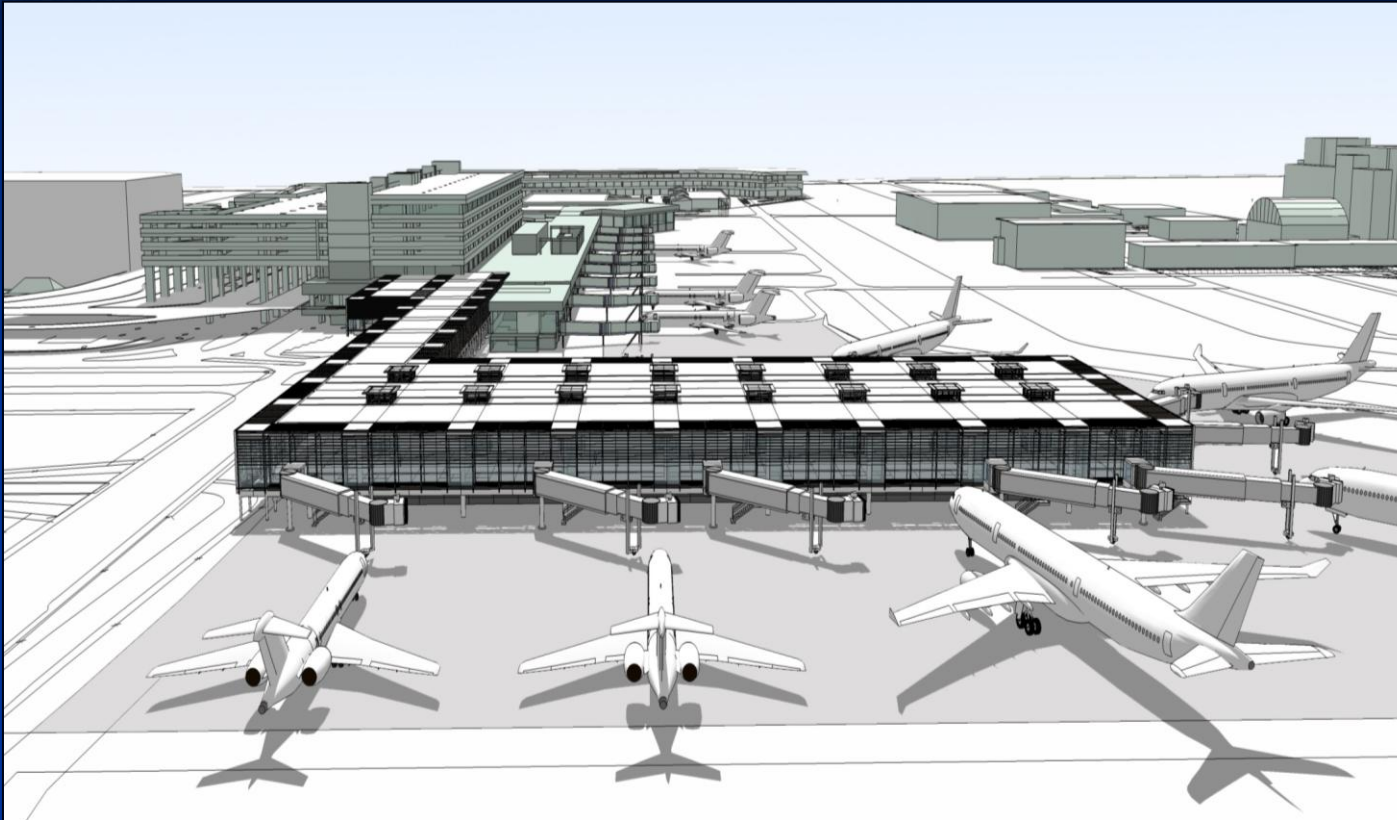
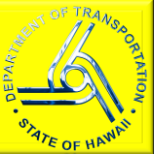
Est. Start Nov 2014
Est. Completion Jan 2016





Mauka Concourse

Honolulu International Airport



DESCRIPTION

New 250,000 SF terminal with 6 wide body or 11 narrow body gates.

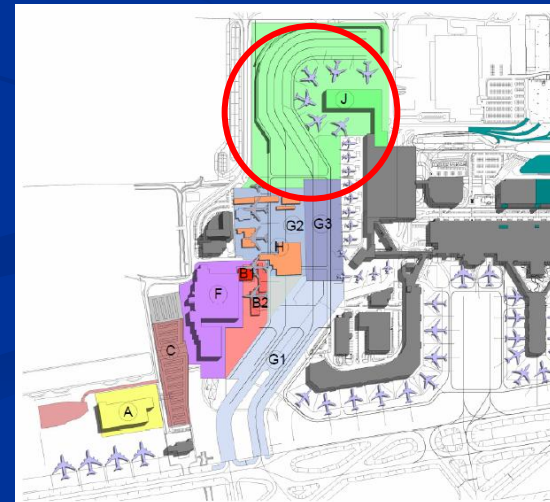
CONSTRUCTION COST

\$220M

SCHEDULE

Est. Start Jan 2016

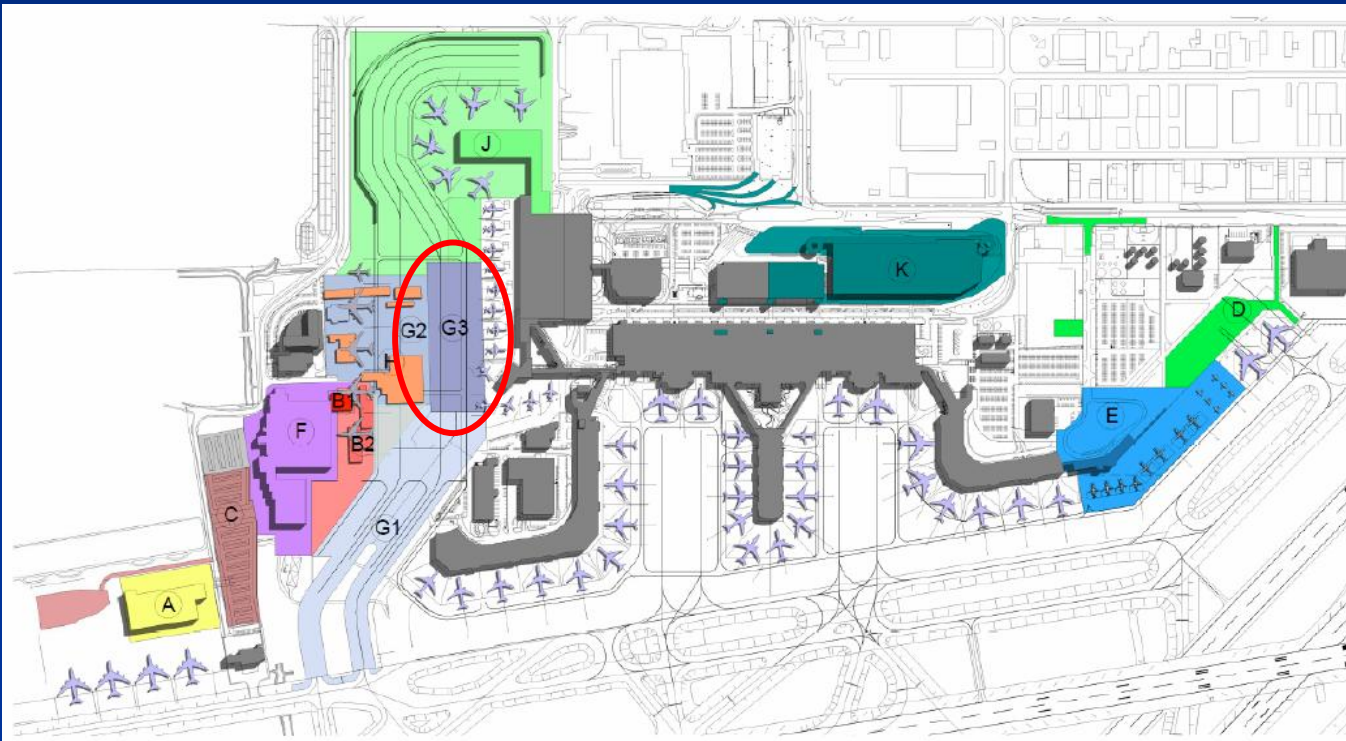
Est. Completion Jan 2018





Taxilanes G & L Widening Ph. III

Honolulu International Airport



DESCRIPTION

Widen and strengthen taxilanes to meet FAA Airport Design Standards to accommodate Aircraft Design Group (ADG) V aircrafts anticipated to use the Mauka Concourse.

CONSTRUCTION COST

\$15M

SCHEDULE

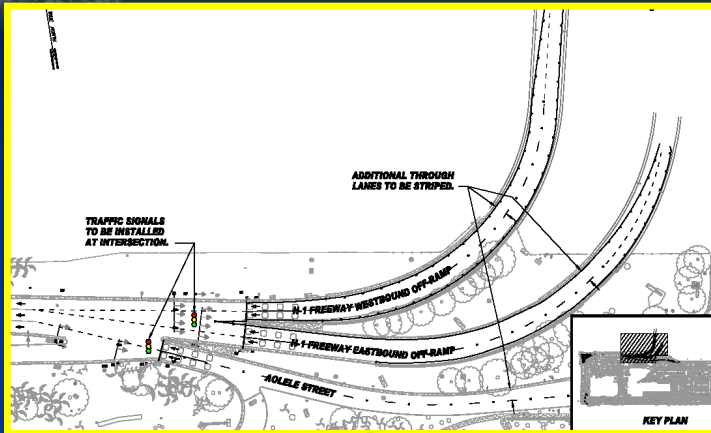
Est. Start Jan 2018

Est. Completion June 2018



Roadway & Miscellaneous Improvements

Honolulu International Airport



DESCRIPTION

Roadway improvements to mitigate roadway congestion, including installation of traffic signals at bottom of H-1 off ramps; Upgrade elevators and demolition of gas station.

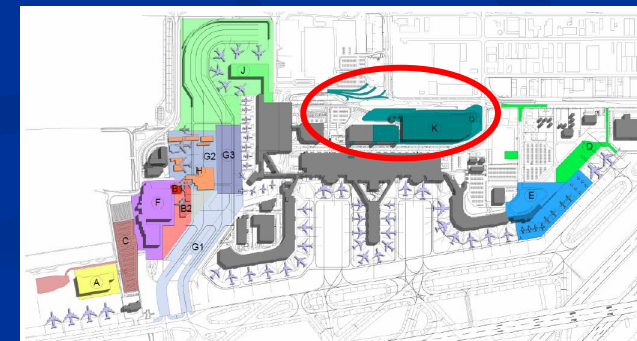
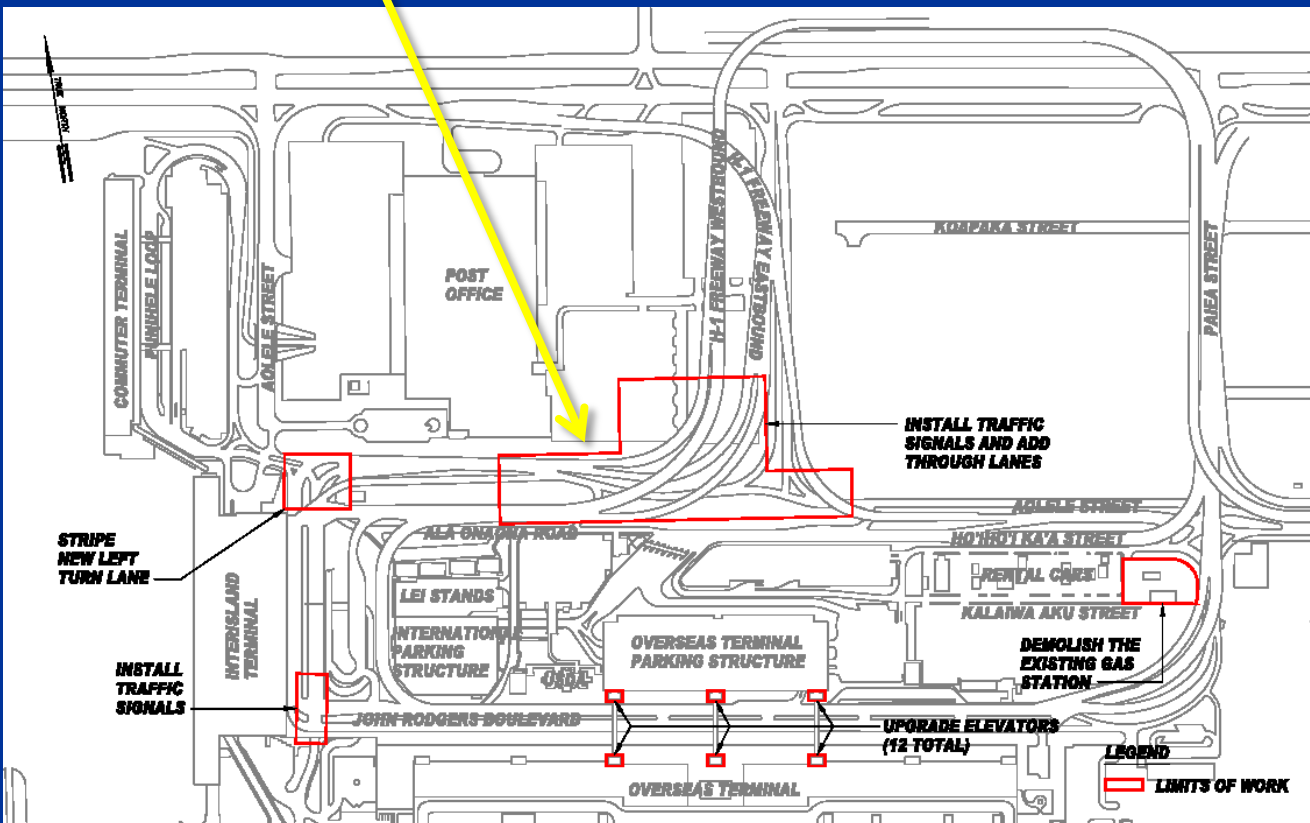
CONSTRUCTION COST

\$7.9M

SCHEDULE

Start Dec 2012

Est. Completion July 2014





CONRAC Ph. IIA (Interim Facility)

Honolulu International Airport



Construction of new parking entrance

Existing parking entrance to be closed

DESCRIPTION

Convert DH end of OST parking structure to accommodate car rental operations during construction of CONRAC Ph. IIB.

CONSTRUCTION COST

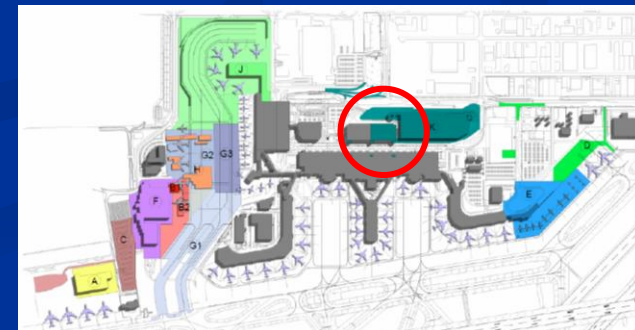
\$31M

SCHEDULE

Start Feb 2014

Est. Completion May 2015

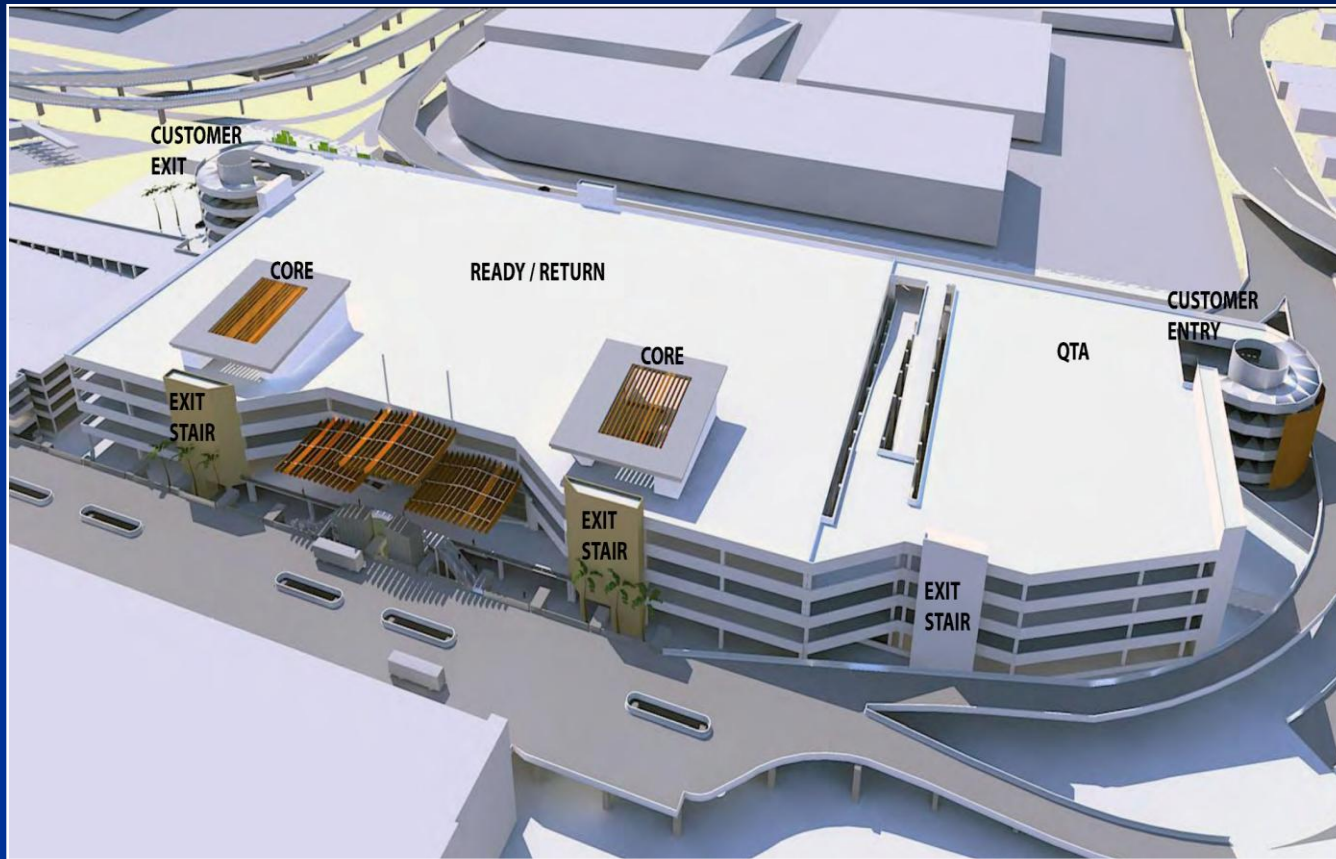
Existing car rental





CONRAC Ph. IIB (Permanent Facility)

Honolulu International Airport



DESCRIPTION

New Consolidated Rental Car Facility to consist of a Customer Service Building, Ready/Return, Quick Turnaround Area, common bussing, and improvements to the Airport roadway system.

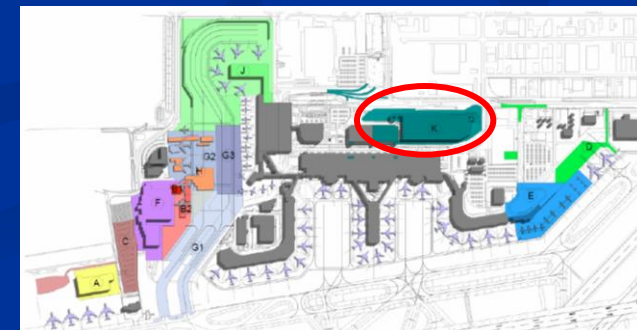
CONSTRUCTION COST

\$250M

SCHEDULE

Est. Start July 2015

Est. Completion July 2018





International Arrivals Corridor

Honolulu International Airport



International Arrivals Corridor



DESCRIPTION

Enclosed, air-conditioned corridor provides easy and secure route to the Federal Inspection Station for arriving international passengers who deplane from gates 26-34.

CONSTRUCTION COST

\$37M

SCHEDULE

Completed Oct 2010





In-Line Explosive Detection System (EDS)

Honolulu International Airport



Existing



DESCRIPTION

In-Line Baggage Handling System in Lobbies 4, 5, 7 & 8; Ticket Lobby renovations in Lobbies 5, 7 & 8; Glass wall/ticket counters in Lobbies 7 & 8.

CONSTRUCTION COST

\$65M

SCHEDULE

Completed Nov 2013

Lobby 5



Lobby 7



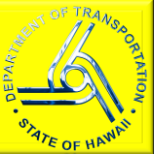
Lobby 8





Emergency Power Facility

Honolulu International Airport



Fuel Tanks



DESCRIPTION

Facility to house 4 – 2.5 MW generators, and fuel tanks; With existing 1.2MW generator, approximately 60% of airport load will be on emergency power.

CONSTRUCTION COST

\$20M

SCHEDULE

Start Sept 2011

Est. Completion Oct 2014



Generators



HNL Concession Improvements

Honolulu International Airport

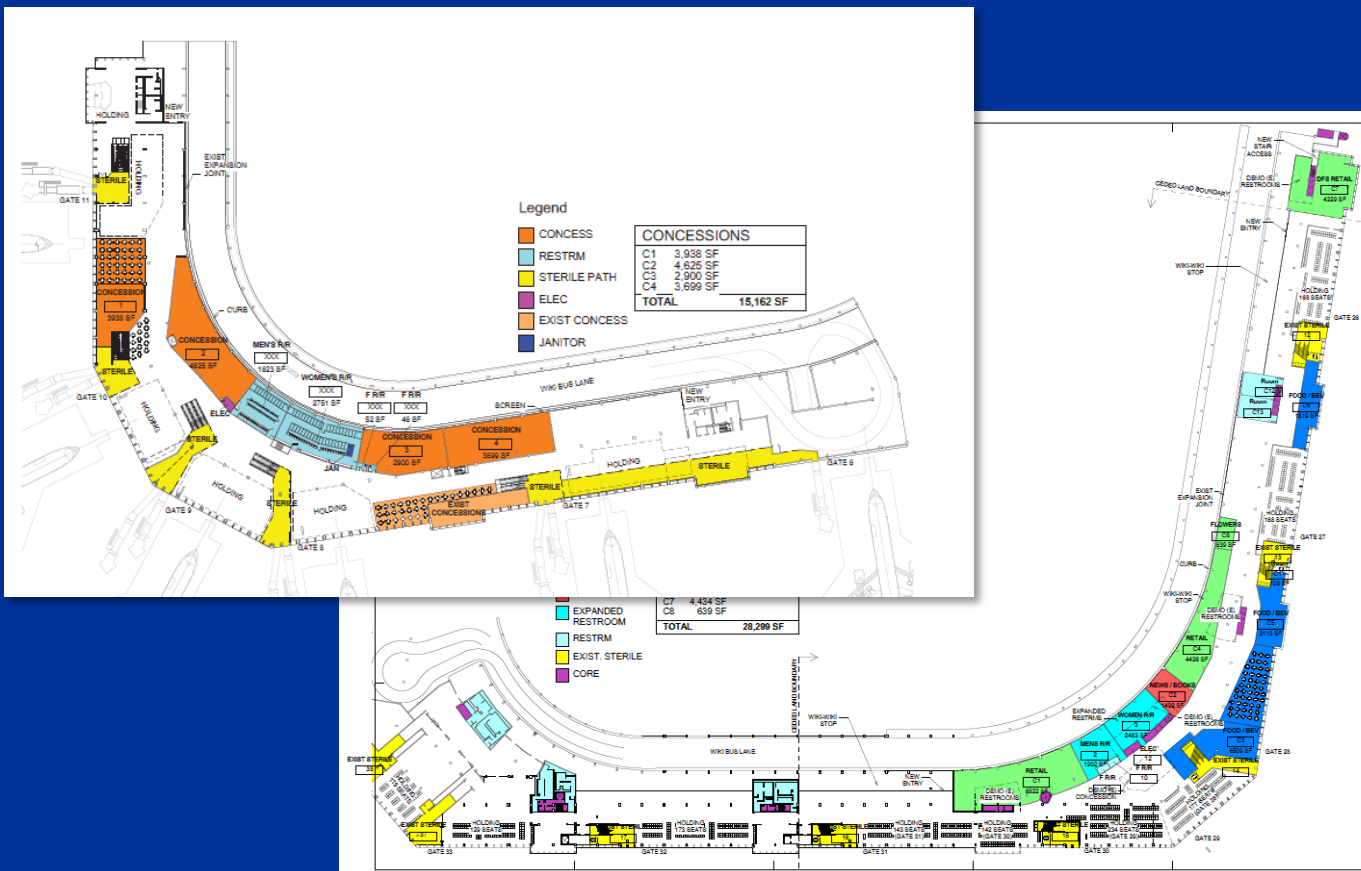


DESCRIPTION

Provide additional concession spaces at the DH and Ewa Concourses, including relocating the exterior curtain wall towards the 2nd level roadway, and demolishing and/or expanding existing restrooms.

CONSTRUCTION COST
\$9M per concourse

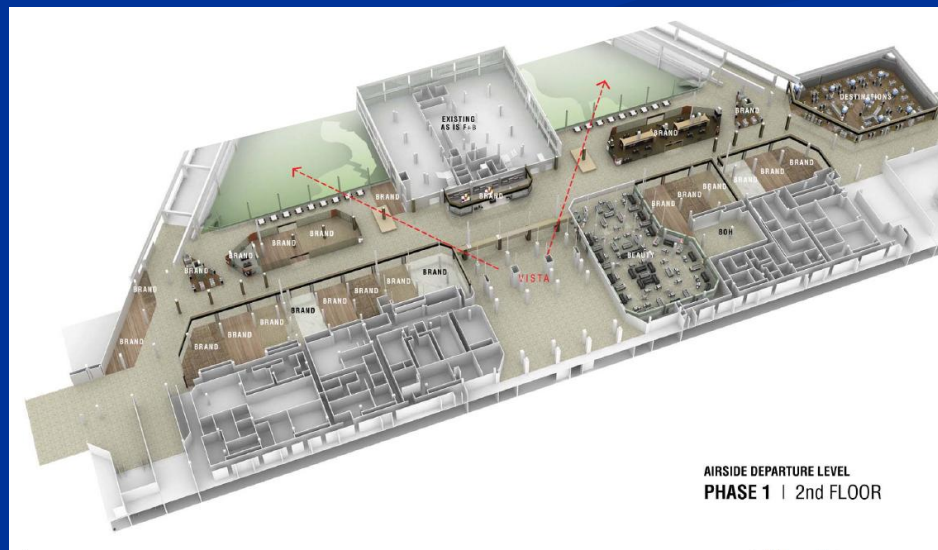
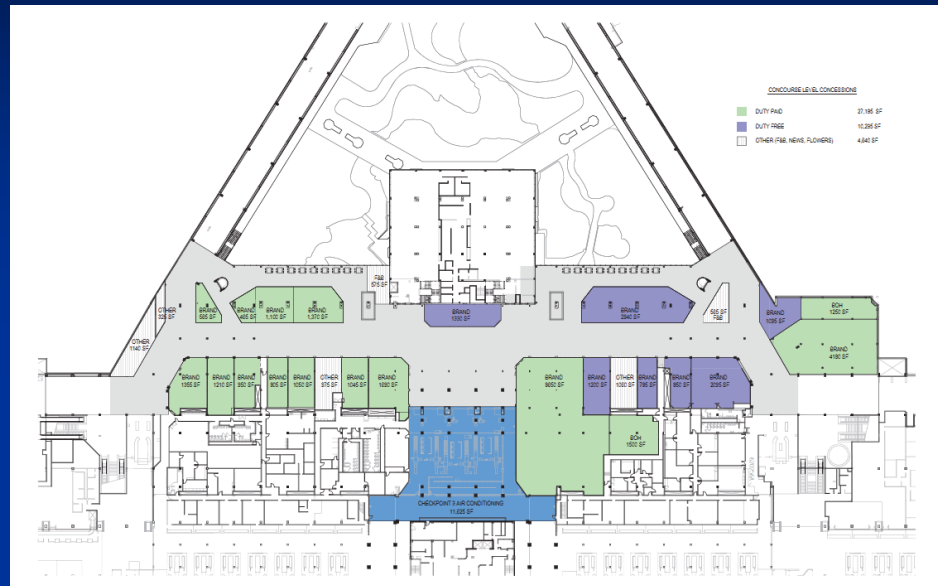
SCHEDULE
Est. Start Jan 2015
Est. Completion Dec 2016





HNL Concession Improvements (Tenant)

Honolulu International Airport



DESCRIPTION
Provide additional concession spaces at the OST corridor by extending over the Central Concourse garden; Enclose and air condition OST corridor.

SCHEDULE
N/A



HNL Roadway/Terminal Signage Improvement

Honolulu International Airport



DESCRIPTION

Replace the roadway and terminal way finding signage, including rename the terminals and gates to alpha-numeric, and baggage claims to numeric.

CONSTRUCTION COST

\$25M

SCHEDULE

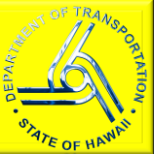
Est. Start June 2015

Est. Completion Dec 2016

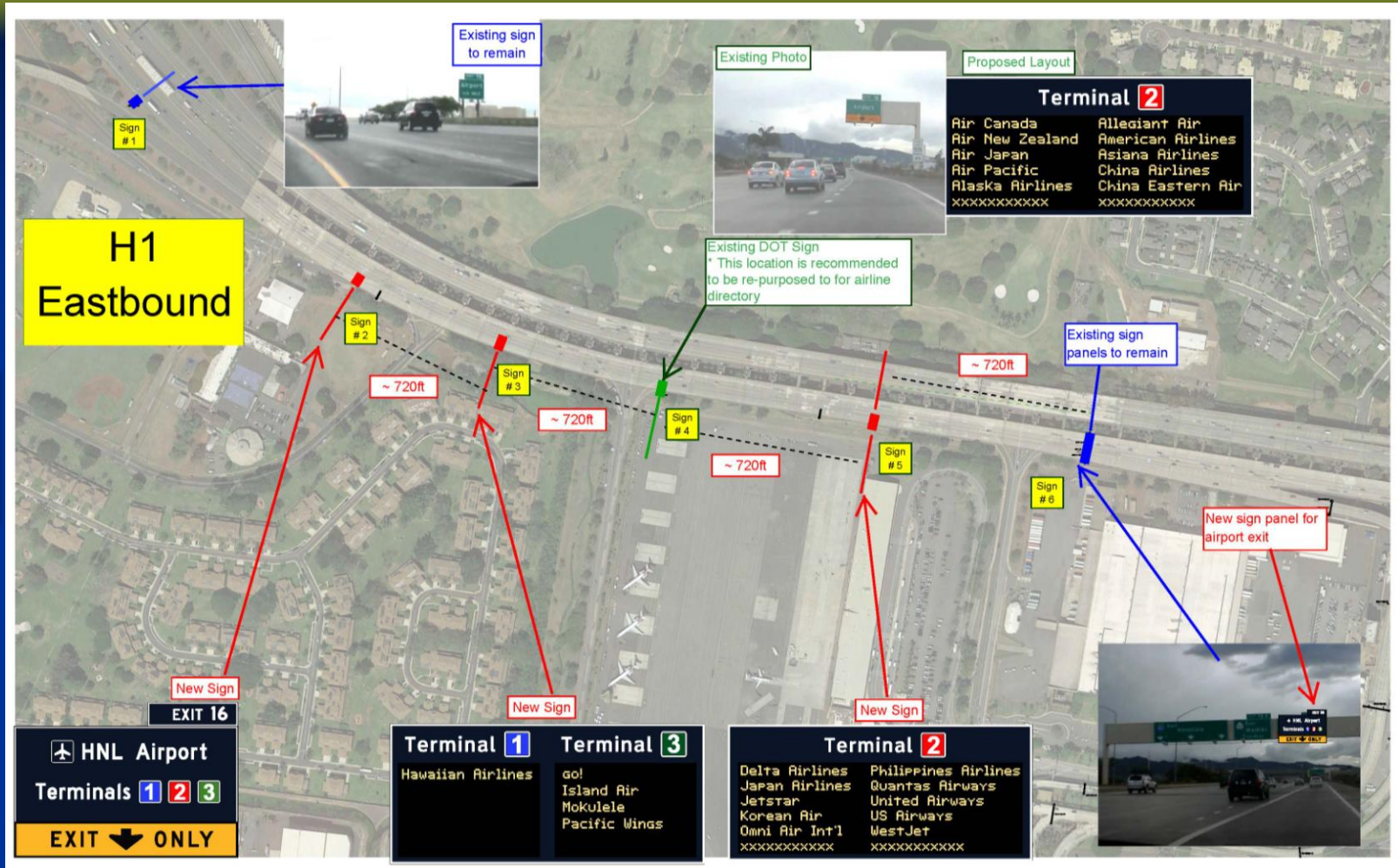


HNL Roadway/Terminal Signage Improvement

Honolulu International Airport



Proposed Roadway Signage





HNL Roadway/Terminal Signage Improvement

Honolulu International Airport



Existing Terminal Signage



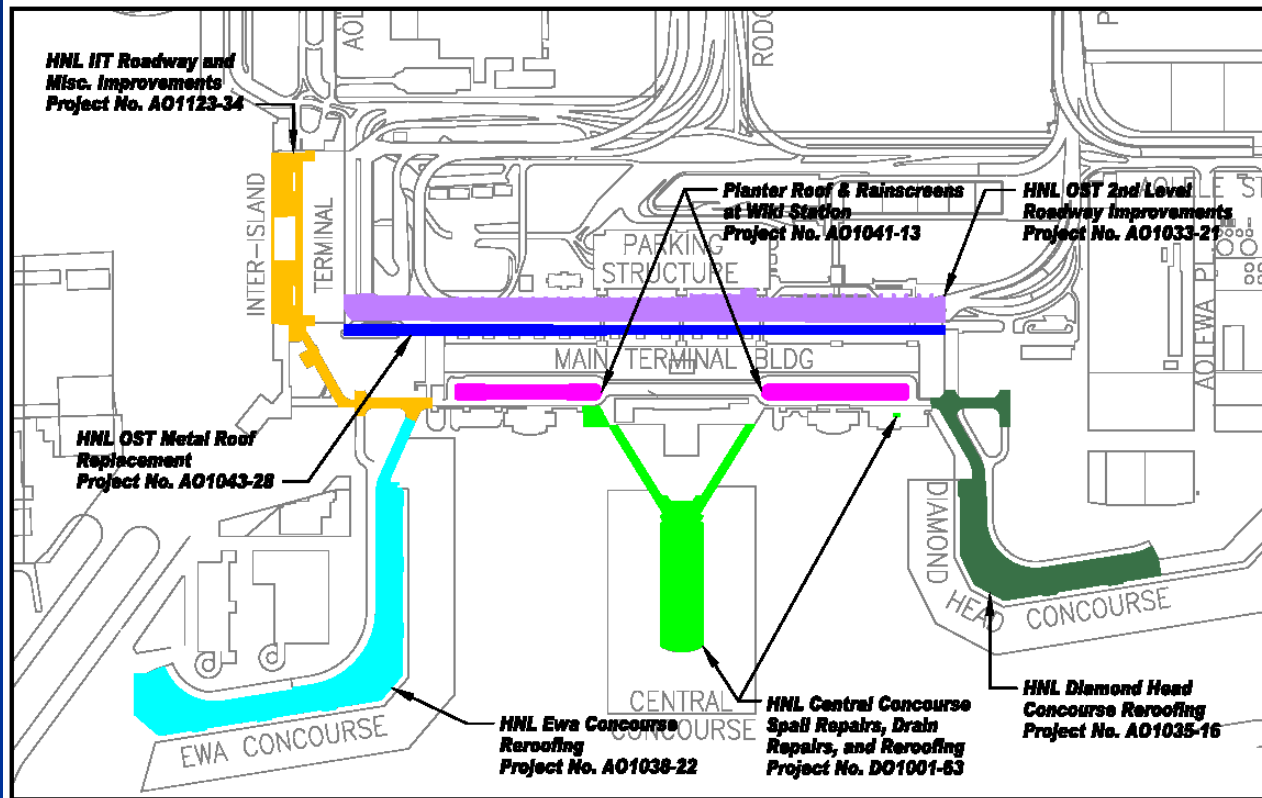
Proposed Terminal Signage





Other Projects

Honolulu International Airport



DESCRIPTION

Projects include:

- OST Metal Roof Replacement
- Planter Roofs & Windscreen
- IIT Roadway & Miscellaneous Improvements
- OST 2nd Level Roadway Improvements
- Central Concourse Reroofing
- DH Concourse Reroofing
- Ewa Concourse Reroofing
- DH Concourse Improvements
- OST Pedestrian Bridges Replacement
- Ticket Lobby Renovations

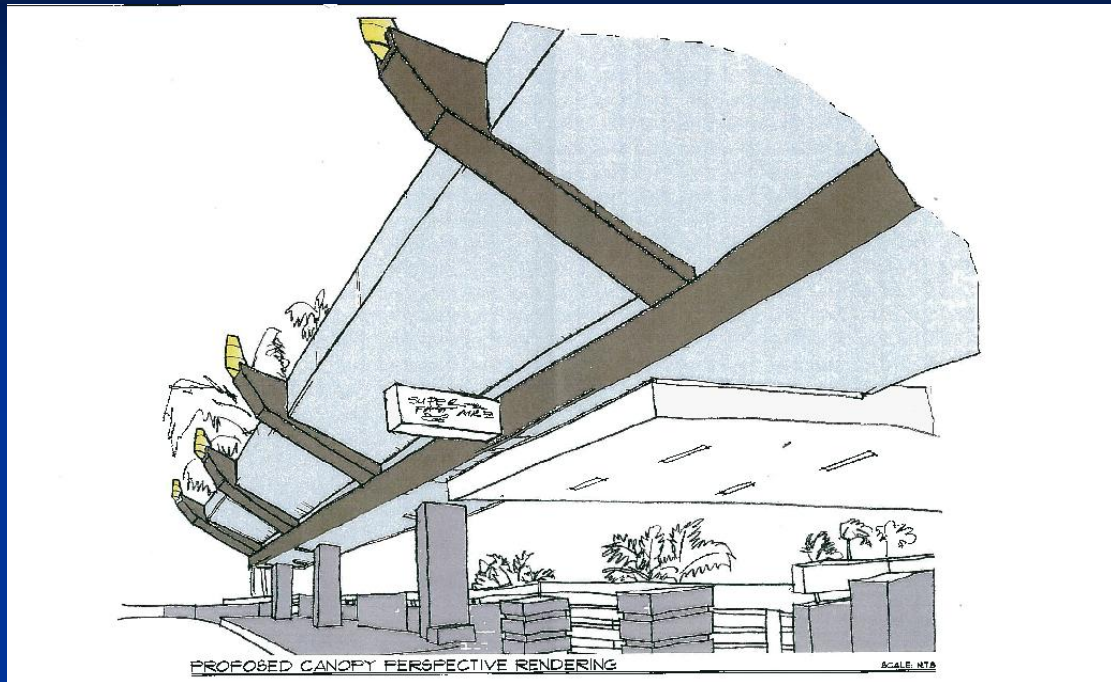


OST Metal Roof Replacement

Honolulu International Airport



Conceptual



Existing



DESCRIPTION

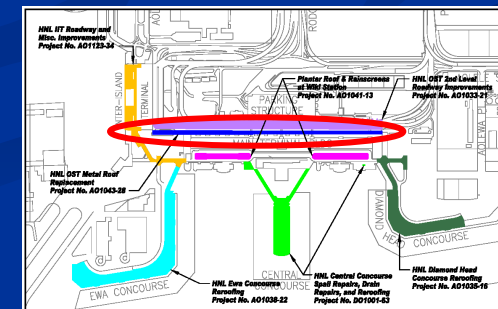
Replace OST 2nd level departures roadway metal roof canopy, including lighting and programmable electronic airline identification signs; Demolish existing planter boxes along the sidewalk to provide added sidewalk area.

CONSTRUCTION COST
\$15M

SCHEDULE

Est. Start Oct 2014

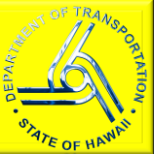
Est. Completion Oct 2015





Planter Roofs & Windscreens

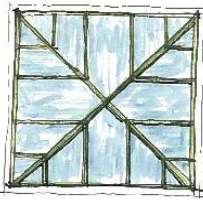
Honolulu International Airport



Conceptual



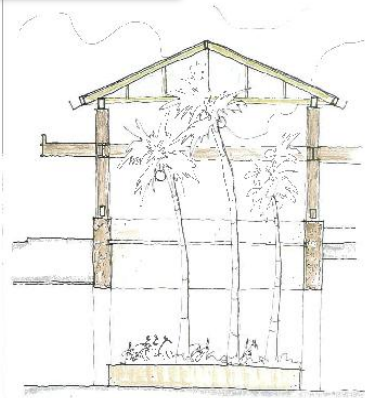
TYPICAL ELEVATION OF SKY LIGHT CONDITION
SCALE 1/4" = 1'-0"



TYPICAL PLAN OF SKY LIGHT
SCALE 1/4" = 1'-0"



PERSPECTIVE OF EWA WIKI WIKI STATION-MAUI



SECTION OF SKY LIGHT CONDITION
SCALE 1/4" = 1'-0"



PERSPECTIVE OF D.H. WIKI WIKI STATION-EWA



DESCRIPTION

Install glass canopies over the open landscape areas adjacent to the escalators;
Install rain screens along the perimeter of the DH and Ewa Bus Stations;
Reroof the DH and Ewa Bus Stations.

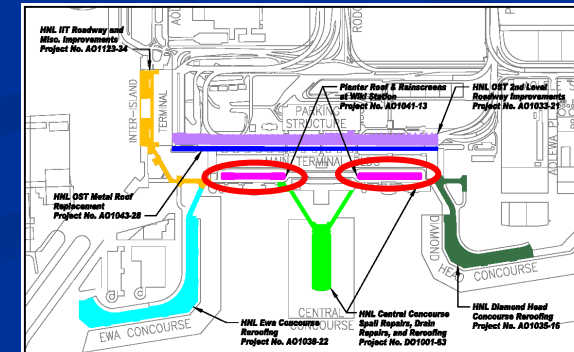
CONSTRUCTION COST
\$11M

SCHEDULE

Est. Start Oct 2014

Est. Completion Oct 2015

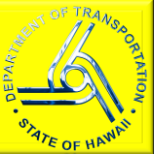
Existing





IIT 3rd Level Roadway Improvements

Honolulu International Airport



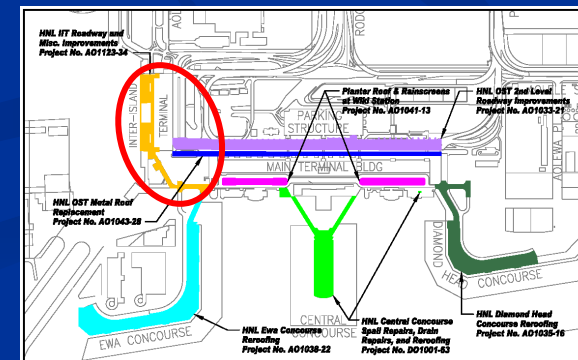
DESCRIPTION

Replace the traffic wearing surface at the IIT 3rd level roadway, including repair/replace the roadway slab, expansion joints, roadway drainage, and roadway lighting systems.

CONSTRUCTION COST
\$8M

SCHEDULE

Est. Start Mar 2015
Est. Completion Dec 2015





OST 2nd Level Roadway Improvements

Honolulu International Airport



DESCRIPTION

Repair concrete spalls on the OST 2nd level roadway, including repair/replace expansion joints, roadway drainage, and roadway lighting systems;
Demolish planter boxes on the mauka side of the roadway.

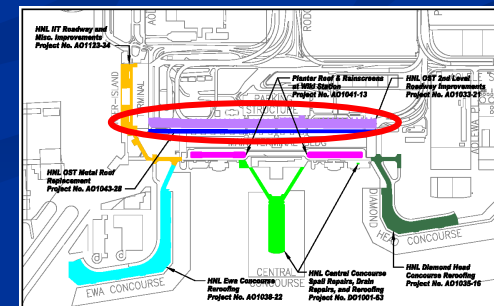
CONSTRUCTION COST

\$12M

SCHEDULE

Est. Start Oct 2014

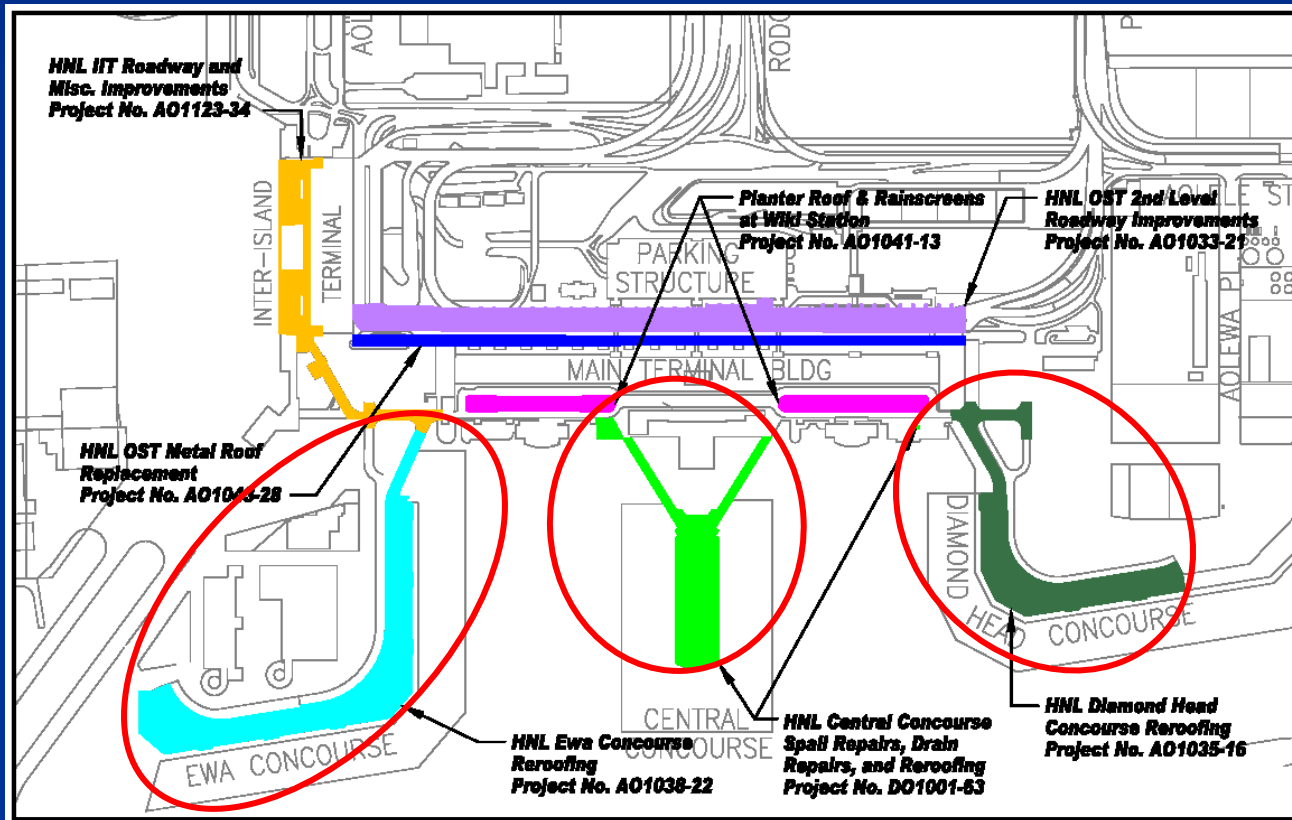
Est. Completion July 2015





Reroofing Projects

Honolulu International Airport



DESCRIPTION

Reroof the Ewa & DH Concourses, including repair/replace the metal roofing system, expansion joints, concrete spall repairs, concrete waterproofing, and building drainage system.

Central Concourse completed.

CONSTRUCTION COST

\$5M per Concourse

SCHEDULE

Est. Start Jan 2016

Est. Completion Dec 2016



DH Concourse Improvements

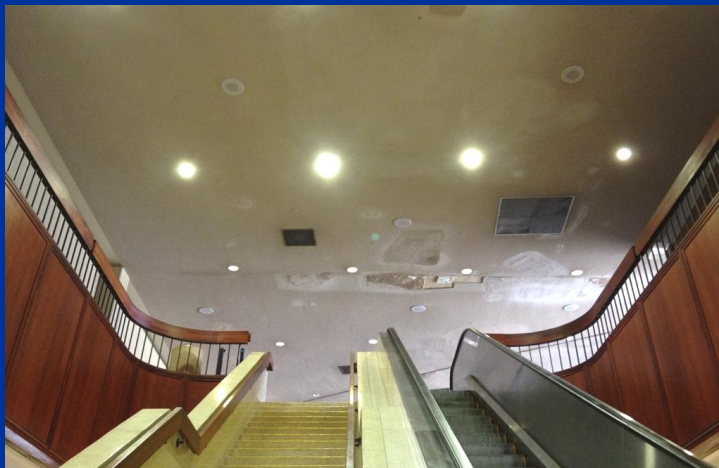
Honolulu International Airport



Conceptual



Existing



DESCRIPTION

Abate asbestos above 3rd level ceiling and renovate with new ceiling and lighting; Replace air conditioning ductwork.

Ewa Concourse completed.

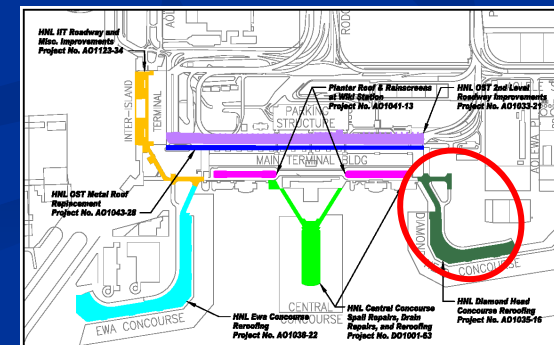
CONSTRUCTION COST

\$4M

SCHEDULE

Est. Start Mar 2015

Est. Completion Mar 2016





OST Pedestrian Bridges Replacement

Honolulu International Airport



Existing



DESCRIPTION

Replace three (3) pedestrian bridge crossings between the Overseas Terminal and the Overseas Terminal Parking Structure.

CONSTRUCTION COST

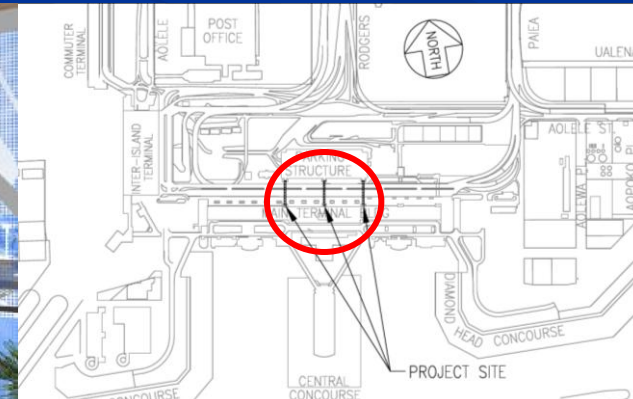
\$11M

SCHEDULE

Est. Start July 2015

Est. Completion June 2016

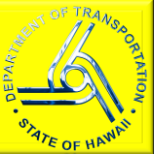
Conceptual












Ticket Lobby Renovations

Honolulu International Airport



	LOBBY 8	LOBBY 7	LOBBY 6	LOBBY 5	LOBBY 4
CONCEPT					
EXISTING			TBD	TBD	TBD

DESCRIPTION

Ticket Lobby renovations in Lobbies 4 & 6, including glass wall/ticket counters in Lobbies 4, 5 & 6; air conditioning the ticket lobbies, including the checkpoints.

CONSTRUCTION COST

\$50M

SCHEDULE

Est. Start Mar 2016

Est. Completion Sept 2017

Lobby 7



Lobby 8





Access Control & CCTV Systems

Honolulu International Airport



DESCRIPTION

Replace existing Access Control and CCTV system.

CONSTRUCTION COST

\$4.7M

SCHEDULE

Start Feb 2009

Est. Completion Dec 2014



Replacement of FIDS at the Interisland Terminal Honolulu International Airport



DESCRIPTION

New flight information display panels at the Interisland Terminal 2 and 3 at old SOLARI location.

CONSTRUCTION COST
\$1M

SCHEDULE

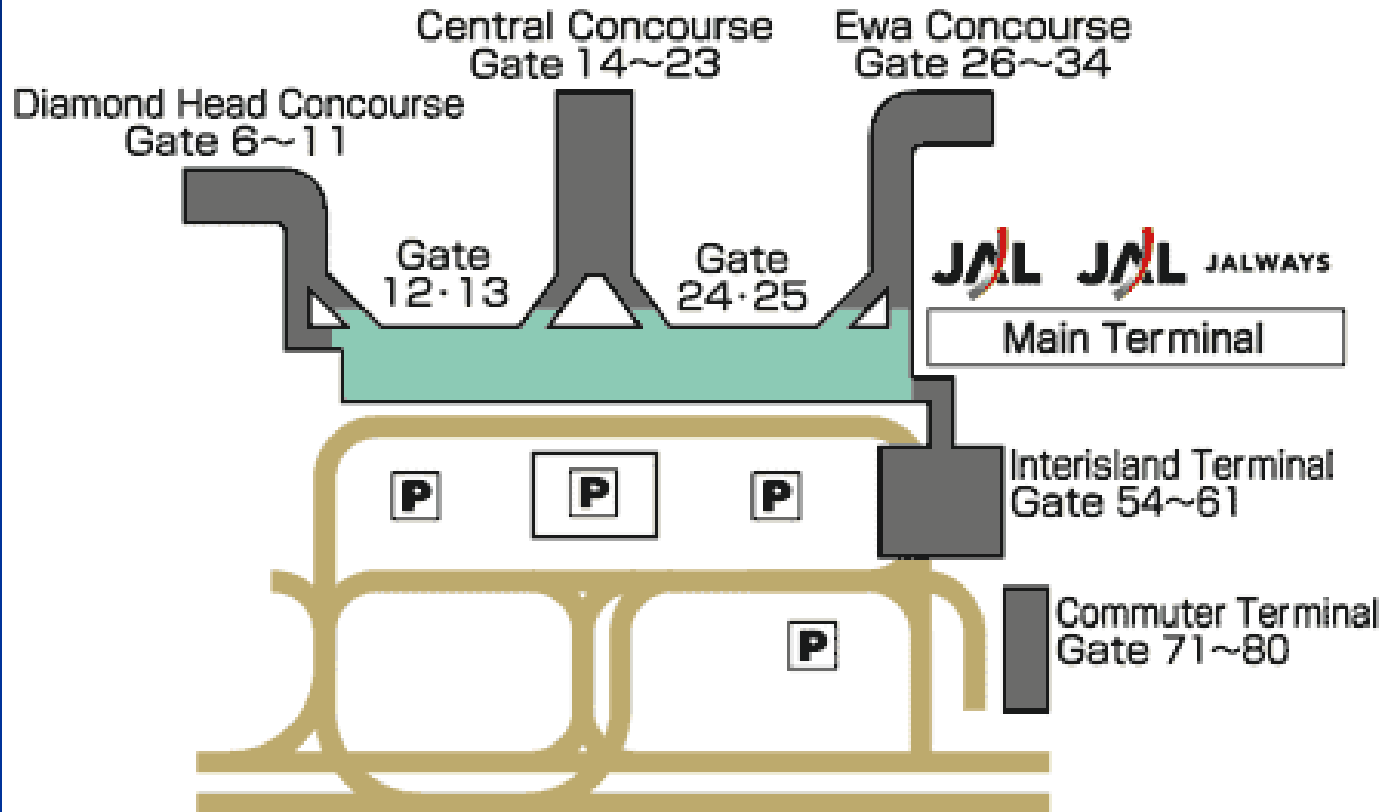
Est. Start Nov 2014

Est. Completion June 2015



Fire Sprinkler System Improvements

Honolulu International Airport



DESCRIPTION

Replace fire sprinkler systems at the ground floor of the main terminal baggage handling areas.

CONSTRUCTION COST

\$8M

SCHEDULE

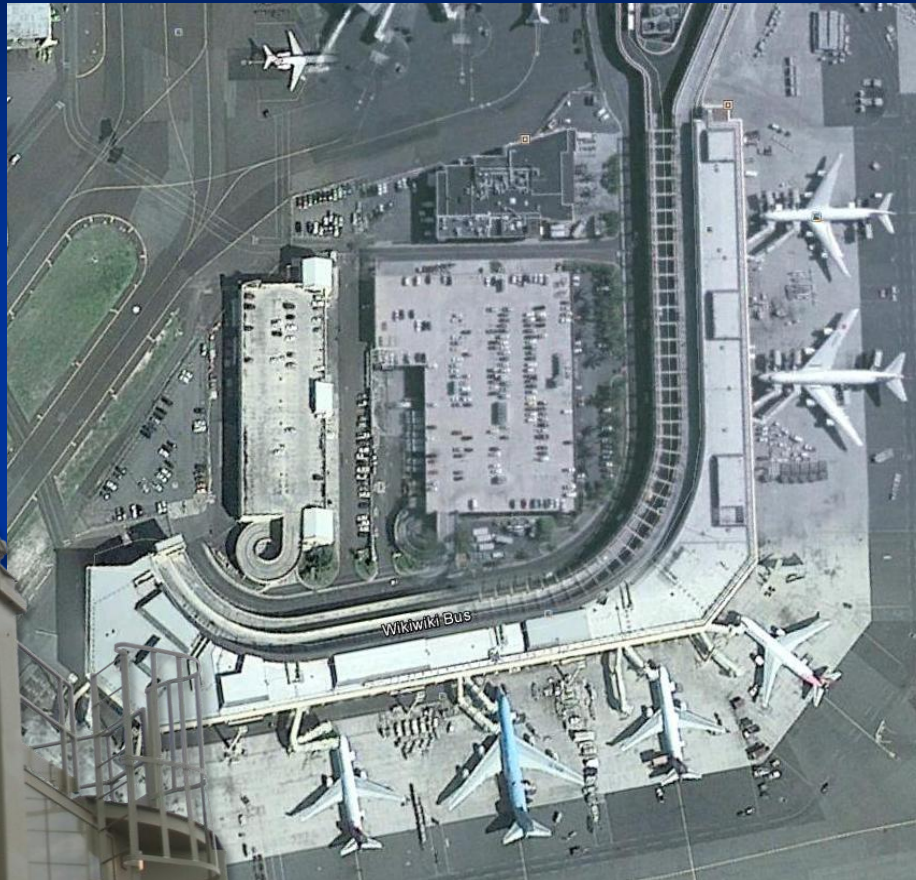
Est. Start Nov 2014

Est. Completion Nov 2015



Ewa Concourse Loading Bridges

Honolulu International Airport



DESCRIPTION

Phase 4 of the Passenger Loading Bridge Replacement, at Gates 29 to 34.

Gates 6 to 28 completed.

IIT Gates 49 to 61 currently being refurbished.

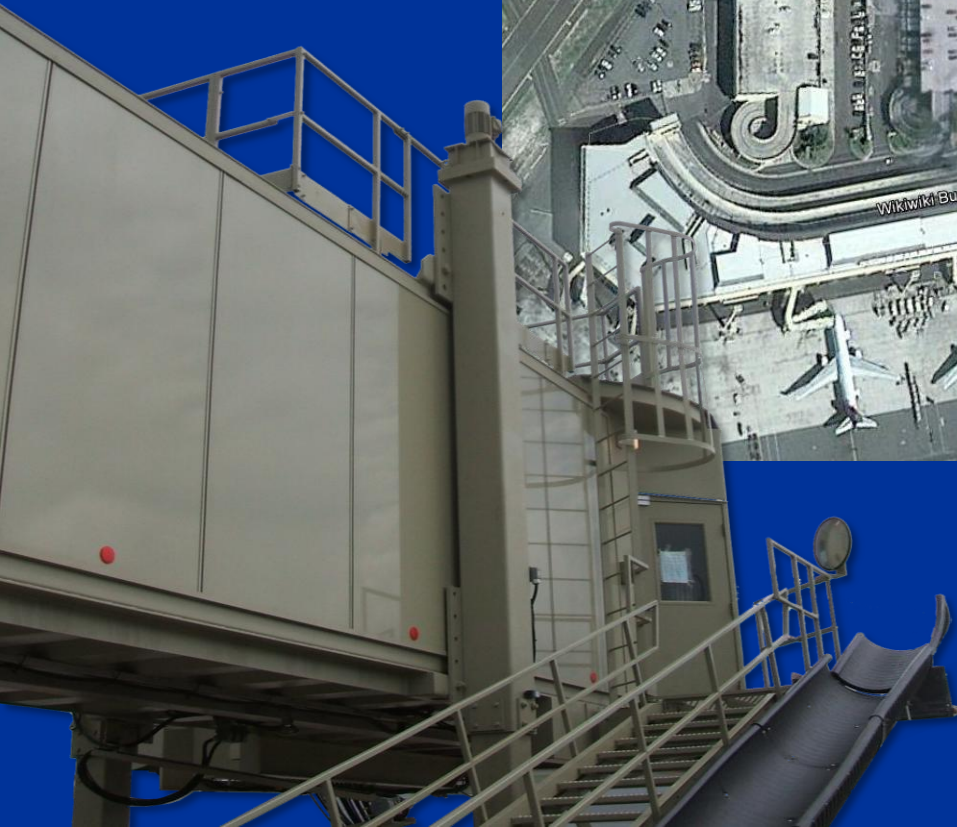
CONSTRUCTION COST

\$11M

SCHEDULE

Start Jan 2014

Est. Completion Dec 2014





Taxiway Z Structural Improvements

Honolulu International Airport



DESCRIPTION

Reconstruction of the entire taxiway.
Removal of existing asphalt surface
and replace with cast-in-place concrete.

CONSTRUCTION COST

\$40M

SCHEDULE

Start June 2014

Est. Completion Dec 2015





Runway 26L Pavement Improvements

Honolulu International Airport



DESCRIPTION

Mill and replace asphalt pavement on the Reef Runway.

CONSTRUCTION COST

\$20M

SCHEDULE

Completed May 2014



Runway 4L Edge Lighting

Honolulu International Airport



DESCRIPTION

Replace runway edge and threshold lighting.

CONSTRUCTION COST

\$2.8M

SCHEDULE

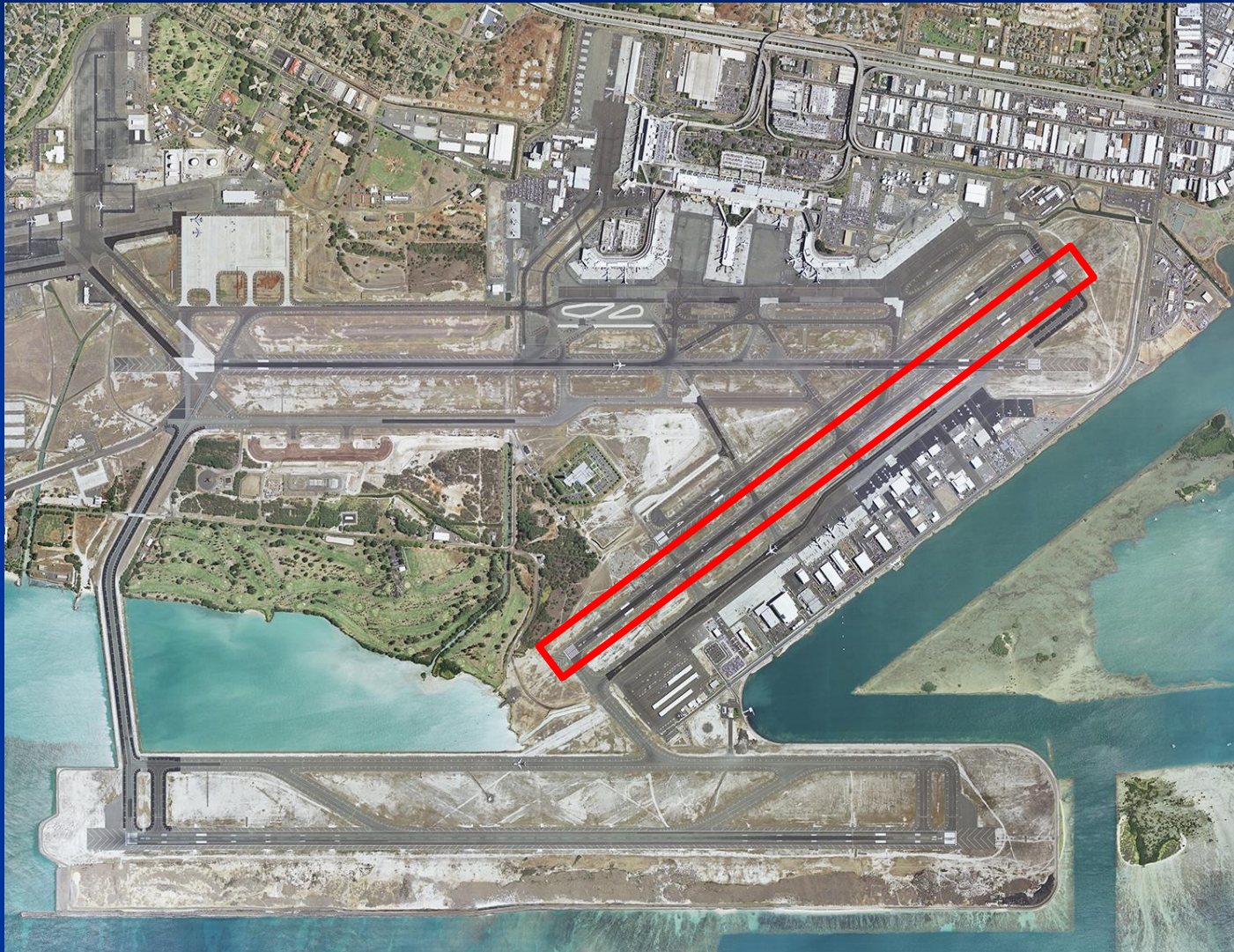
Start Feb 2014

Est. Completion Aug 2014



Runway 4R Pavement Improvements

Honolulu International Airport



DESCRIPTION

Mill and replace asphalt pavement on entire runway.

CONSTRUCTION COST

\$20M

SCHEDULE

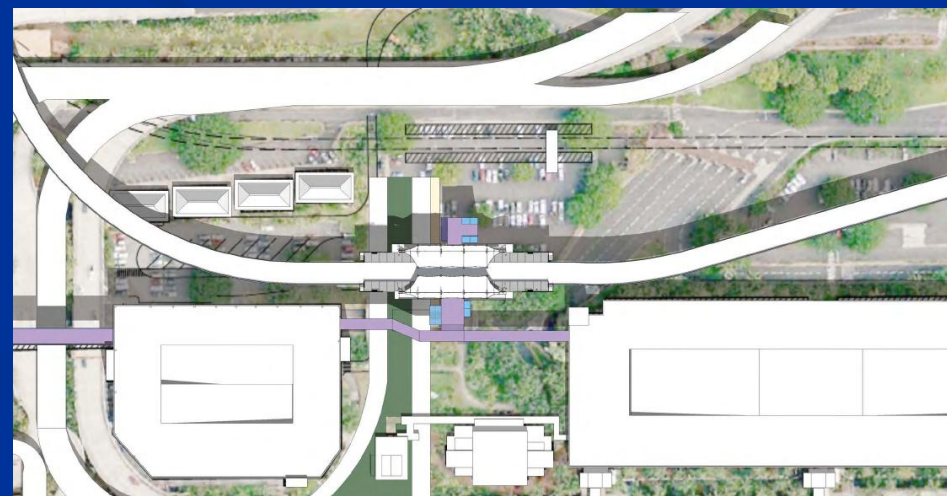
Start Mar 2014

Est. Completion Aug 2015



Airport Rail Station

Honolulu International Airport





Access Control & CCTV Systems

Kahului Airport



DESCRIPTION

Replace existing Access Control and CCTV system.

CONSTRUCTION COST

\$1.6M

SCHEDULE

Start Oct 2010

Est. Completion July 2014



Airport Access Road to Hana Highway

Kahului Airport



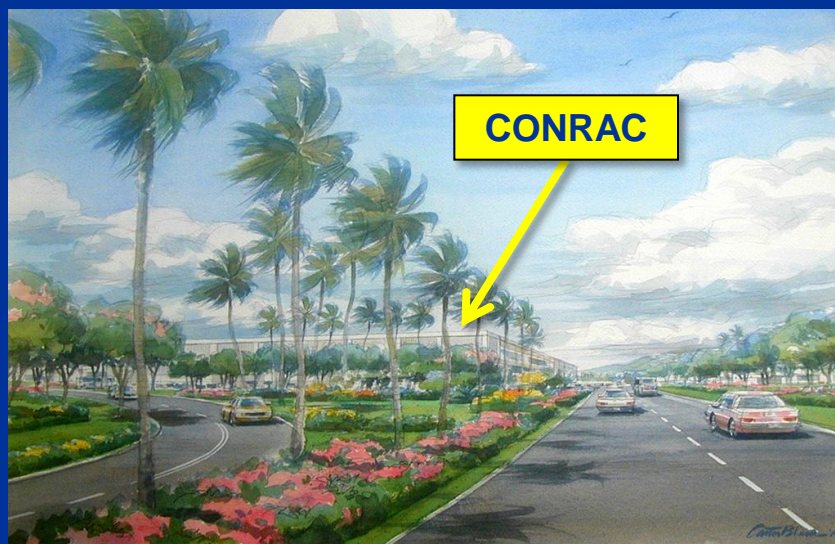
DESCRIPTION

New airport access road from Hana Highway to the main Airport Terminal.

CONSTRUCTION COST
\$60M

SCHEDULE

Est. Start Oct 2014
Est. Completion Dec 2015





Roadway Improvements and ConRAC Facility Kahului Airport



Concept B2 Overall Aerial View

DW
Demetri Wong
architecture
Design Team



State of Hawaii
Project No. AM1032-13

CONSOLIDATED RENTAL CAR FACILITY
KAHULUI AIRPORT



DESCRIPTION

New Consolidated Rental Car Facility to consist of a Customer Service Building, Ready/Return, Quick Turnaround Area, a tram system, and improvements to the Airport roadway system.

CONSTRUCTION COST

\$280M

SCHEDULE

Est. Start Oct 2014

Est. Completion Mar 2017



Access Road Pavement Resurfacing

Kahului Airport



DESCRIPTION

Repave terminal loop road, Kala Street, Eena Street, and Kuhea Street.

CONSTRUCTION COST

\$1M

SCHEDULE

Est. Start Oct 2014

Est. Completion Mar 2015



OGG Restroom Improvements, Ph. I & II

Kahului Airport



DESCRIPTION

Renovate restrooms throughout the terminal.

CONSTRUCTION COST

\$7.5M

PH. I SCHEDULE

Completed June 2014

PH. II SCHEDULE

Est. Start Oct. 2014

Est. Completion Sept 2015



New Passenger Information System, Ph. II

Kahului Airport



DESCRIPTION

Replace the Public Address System throughout the terminal, including visual paging. Install a new Gate Management System.

Phase I replaced the Flight Information Display System and Baggage Information Display System.

CONSTRUCTION COST
\$2.5M

SCHEDULE

Start June 2013

Est. Completion Aug 2014



Replacement of Elevators and Escalators

Kahului Airport



DESCRIPTION

Replace existing terminal elevators, escalators, and moving walks.

CONSTRUCTION COST

\$6M

SCHEDULE

Est. Start Oct 2014

Est. Completion Oct 2016



Replacement of Fire Sprinkler System, Ph. 2

Kahului Airport



DESCRIPTION

Replace remaining terminal fire sprinkler system.

CONSTRUCTION COST

\$4M

SCHEDULE

Est. Start Oct 2014

Est. Completion Oct 2015



Replace Passenger Loading Bridges, Ph. 2

Kahului Airport



DESCRIPTION

Replace remaining passenger loading bridges.

CONSTRUCTION COST

\$9.1M

SCHEDULE

Est. Start Oct 2014

Est. Completion Oct 2015



OGG Reroof Terminal Building, Ph. II

Kahului Airport



DESCRIPTION

Reroof of Kahului Airport terminal buildings, including Holdrooms A & B, and Rotunda.

Holdrooms C, D, E & F completed.

CONSTRUCTION COST

\$5.5M

SCHEDULE

Est. Start Oct 2014

Est. Completion Sept 2015



Apron Pavement Structural Impr., Ph II

Kahului Airport



DESCRIPTION

Resurface Taxiway "A".

CONSTRUCTION COST

\$18M

SCHEDULE

Start Apr 2014

Est. Completion Nov 2015



Repave Runway 2-20

Kahului Airport



DESCRIPTION

Mill and replace asphalt pavement of Runway 2-20.

CONSTRUCTION COST

\$4.5M

SCHEDULE

Est. Start July 2014

Est. Completion Dec 2014



Airport Runway Reconstruction

Kahului Airport



DESCRIPTION

Reconstruct Runways
2-20 and 5-23.

Environmental Impact
Statement to be
completed in 2018.

CONSTRUCTION COST

\$150M

SCHEDULE

Est. Start 2018

Est. Completion 2020



Terminal Modernization, Ph. I

Kona International Airport at Keahole



DESCRIPTION

Terminal Modernization to include centralized security checkpoint, In-Line Baggage Handling System, connectivity of the north and south holdrooms for improved passenger experience and airline/airport operations.

CONSTRUCTION COST

\$70M

SCHEDULE

Est. Start Aug 2015

Est. Completion Feb 2017





Reroof Terminal Buildings

Kona International Airport at Keahole



DESCRIPTION

Replace roofs on all terminal buildings (except buildings being replaced under the Terminal Modernization project).

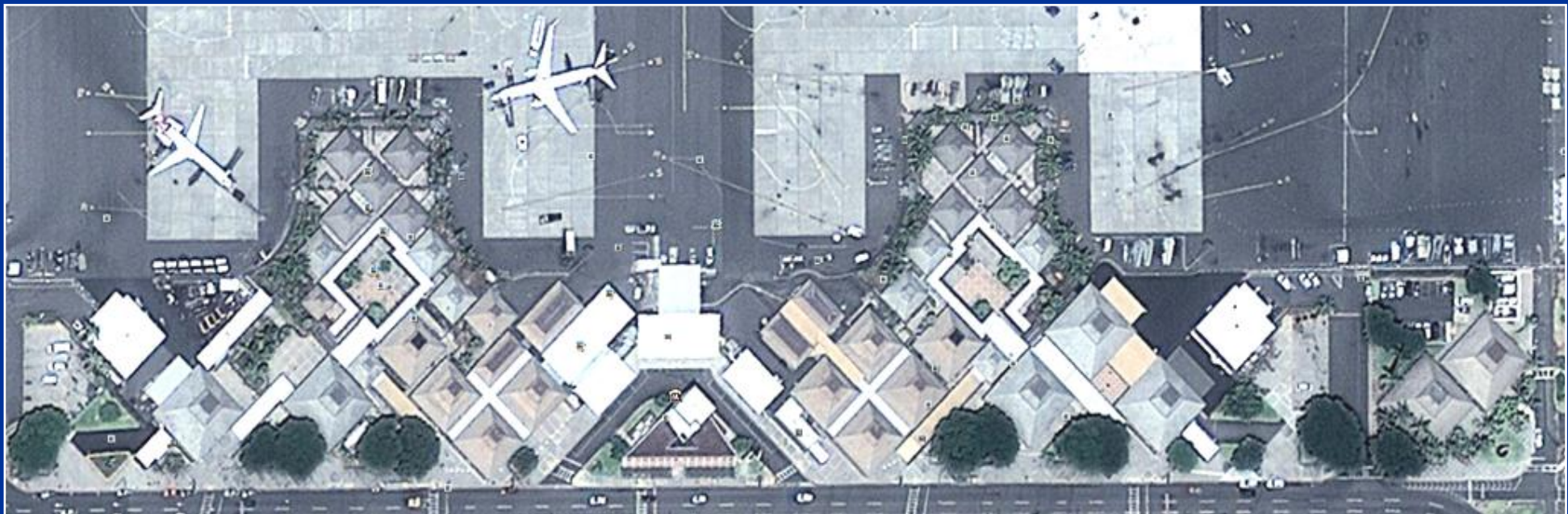
CONSTRUCTION COST

\$10M

SCHEDULE

Start Apr 2014

Est. Completion May 2015





Onizuka Space Center Relocation, Ph. I

Kona International Airport at Keahole



DESCRIPTION

New 6,135 SF facility to include exhibition space, auditorium, office, and café.

CONSTRUCTION COST

\$4.57M (Bldg. Shell)

SCHEDULE

Est. Start Aug 2014

Est. Completion Aug 2015





Access Control & CCTV Systems

Kona International Airport at Keahole



DESCRIPTION

Replace existing Access Control and CCTV system.

CONSTRUCTION COST

\$5.9M

SCHEDULE

Est. Start Jan 2015

Est. Completion Dec 2015



ARFF Station Relocation at KOA

Kona International Airport at Keahole



DESCRIPTION

New ARFF Station.

CONSTRUCTION COST

\$21M

SCHEDULE

Completed June 2014





ARFF Training Pit Renovation

Kona International Airport at Keahole



DESCRIPTION

Repair and replace existing equipment at the ARFF training pit.

CONSTRUCTION COST

\$2.8M

SCHEDULE

Start Jan 2014

Est. Completion Mar 2015





Parking Lot Repavement

Kona International Airport at Keahole



DESCRIPTION

Repave public parking lot.

CONSTRUCTION COST

\$1M

SCHEDULE

Est. Start Oct 2014

Est. Completion Sept 2015



ARFF Facility Improvements

Hilo International Airport



DESCRIPTION

New ARFF Station.

CONSTRUCTION COST

\$20M

SCHEDULE

Est. Start Nov 2014

Est. Completion Mar 2016





2nd Level Restroom Reconfiguration

Hilo International Airport



DESCRIPTION

New restrooms on the 2nd level.

CONSTRUCTION COST

\$350K

SCHEDULE

Est. Start July 2014

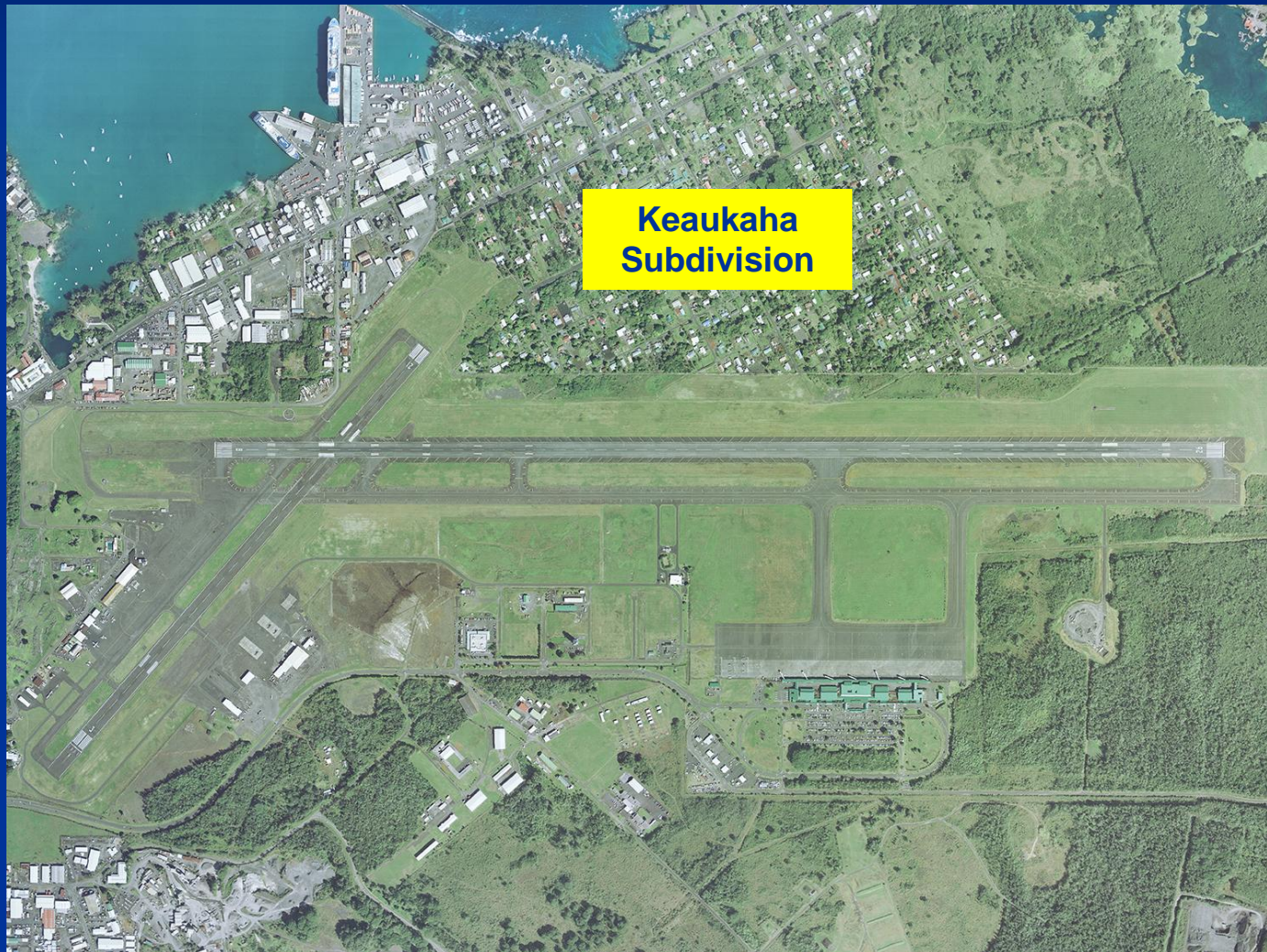
Est. Completion Jan 2015





Noise Attenuation Keaukaha Subdivision, Ph II

Hilo International Airport



Keaukaha
Subdivision

DESCRIPTION

Sound attenuation treatment of 8 residential homes in the Keaukaha community.

CONSTRUCTION COST

\$2.5M

SCHEDULE

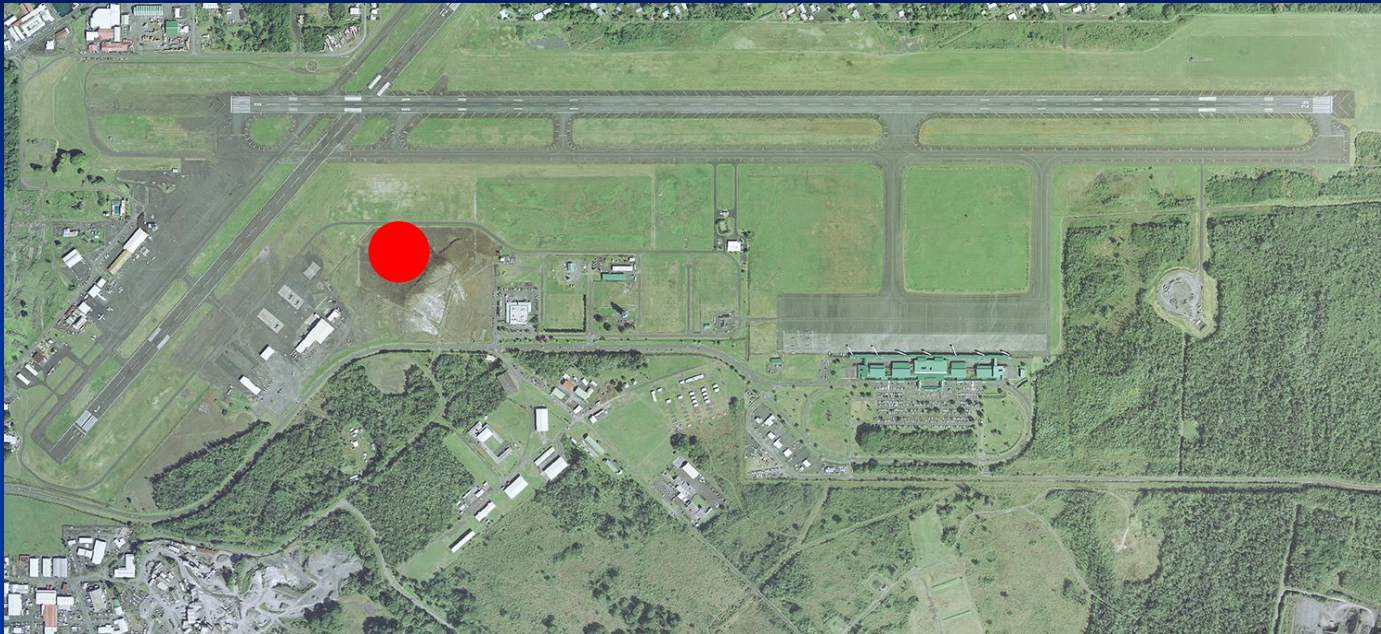
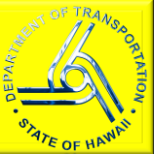
Est. Start Nov 2014

Est. Completion Oct 2015



Hold Cargo Building Light Industrial Facilities

Hilo International Airport



DESCRIPTION

New 63,000 SF cargo building with all associated support infrastructure.

CONSTRUCTION COST

\$14M

SCHEDULE

Start Mar 2013

Est. Completion July 2014





Airfield Perimeter Fence

Hilo International Airport



DESCRIPTION

Replace existing airfield fencing to meet FAA certification compliance.

CONSTRUCTION COST

\$5.0M

SCHEDULE

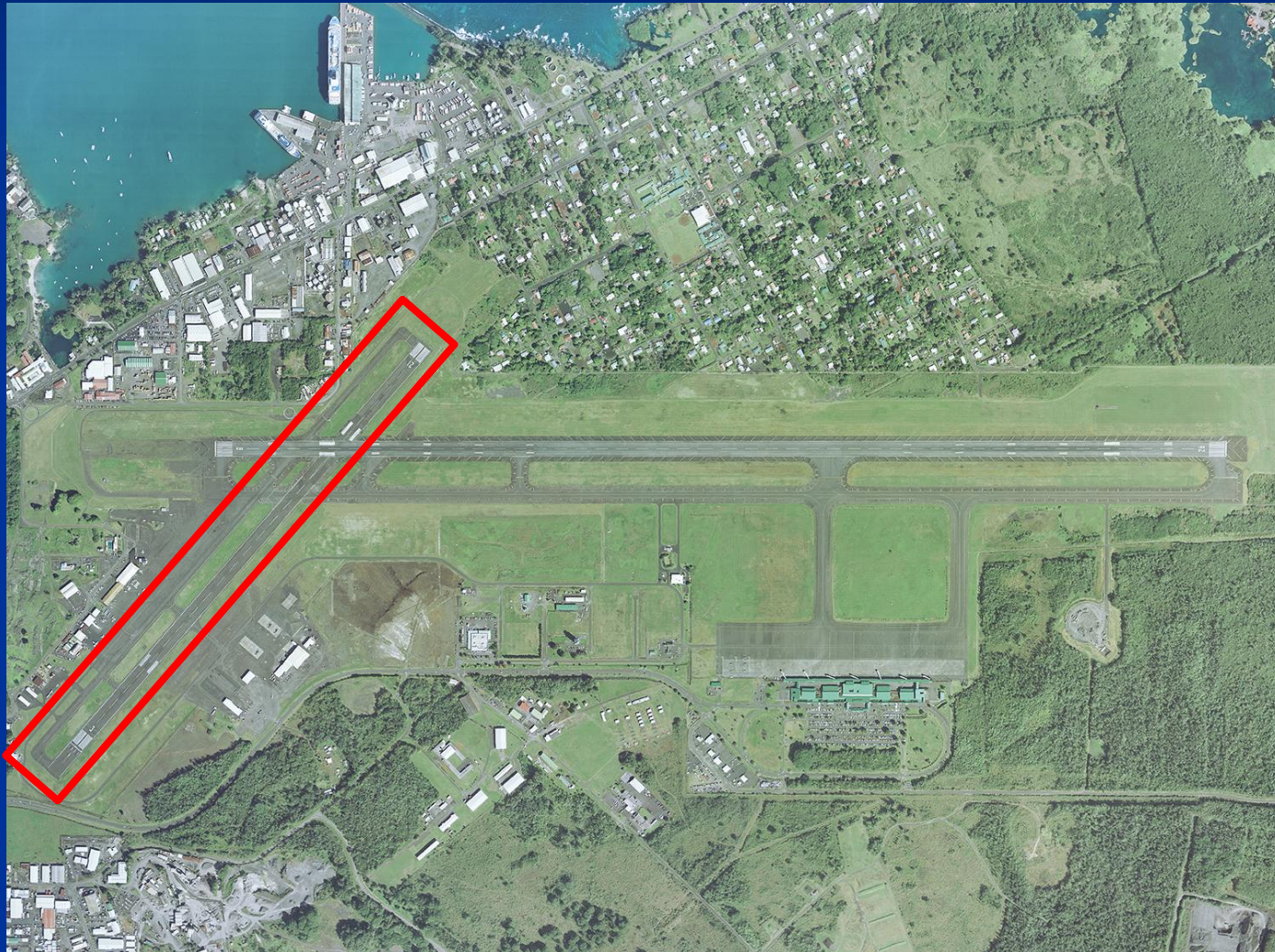
Est. Start Dec 2014

Est. Completion Sept 2015



Rehabilitate Runway 3-21, Ph. 2

Hilo International Airport



DESCRIPTION

Repave Runway 3-21 and restripe pavement markings to meet FAA certification compliance.

CONSTRUCTION COST

\$11.2M

SCHEDULE

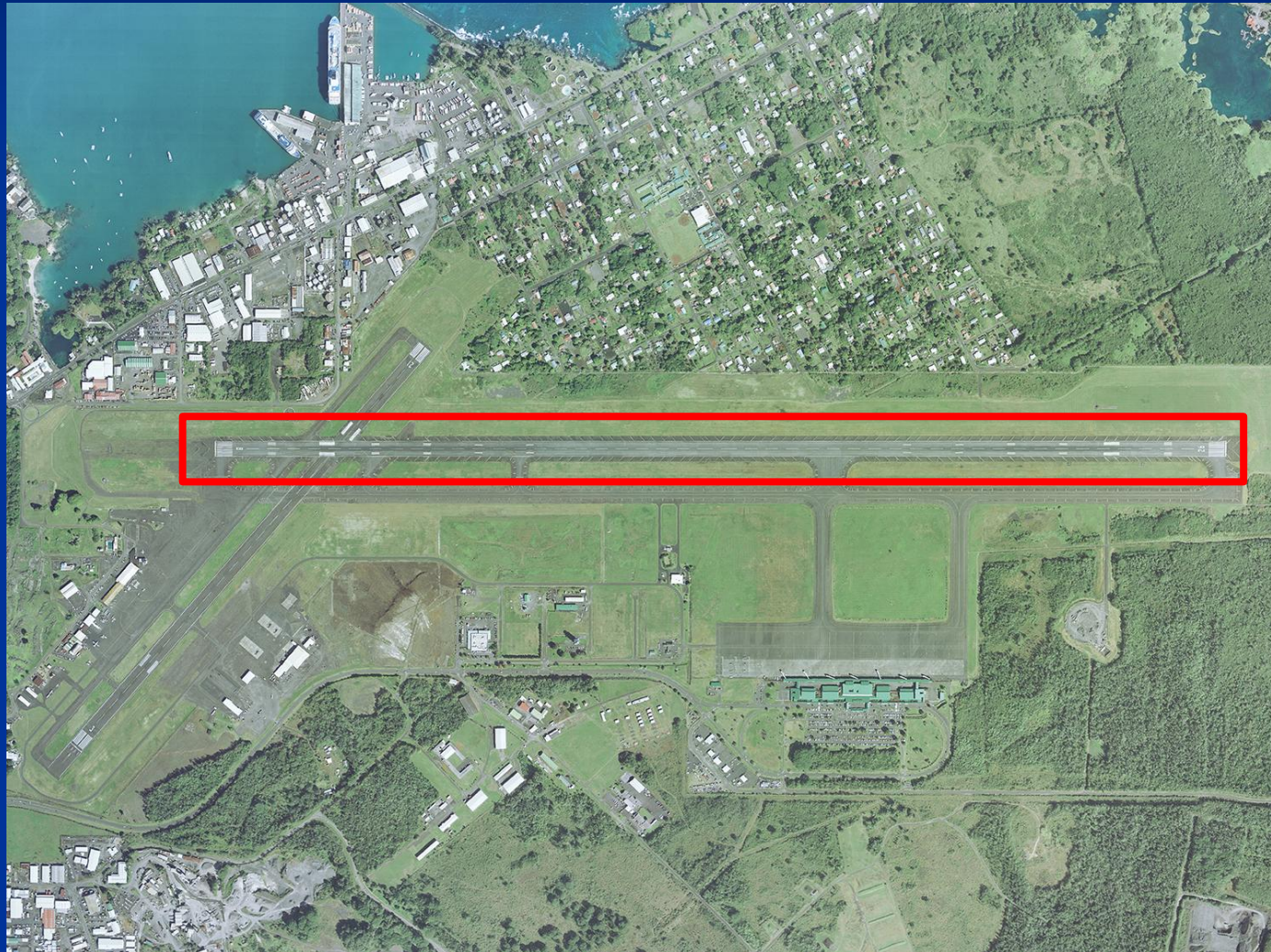
Start July 2012

Est. Completion Sept 2014



Runway 8-26 Rehabilitation

Hilo International Airport



DESCRIPTION

Repave runway center and provide new pavement markings to meet FAA certification compliance.

CONSTRUCTION COST

\$5.0M

SCHEDULE

Est. Start Dec 2014

Est. Completion Sept 2015



Access Control & CCTV Systems

Hilo International Airport



DESCRIPTION

Replace existing Access Control and CCTV system.

CONSTRUCTION COST

\$5.5M

SCHEDULE

Est. Start Jan 2015

Est. Completion Dec 2015



Access Control & CCTV Systems

Lihue Airport



DESCRIPTION

Replace existing Access Control and CCTV system.

CONSTRUCTION COST

\$2M

SCHEDULE

Completed Aug 2013



Runway 3-21 Pavement Reconstruction

Lihue Airport



DESCRIPTION

Pavement reconstruction and striping improvements to meet FAA certification compliance.

CONSTRUCTION COST

\$17M

SCHEDULE

Est. Start June 2015

Est. Completion June 2016



Lihue Runway 3-21 Runway Safety Area

Lihue Airport



DESCRIPTION

Provide a 1000 feet by 500 feet wide runway safety area to meet FAA certification compliance.

Environmental Assessment to be completed in 2016.

Interim measure – displaced threshold, including paving of Taxiway B.

CONSTRUCTION COST

\$30M

SCHEDULE

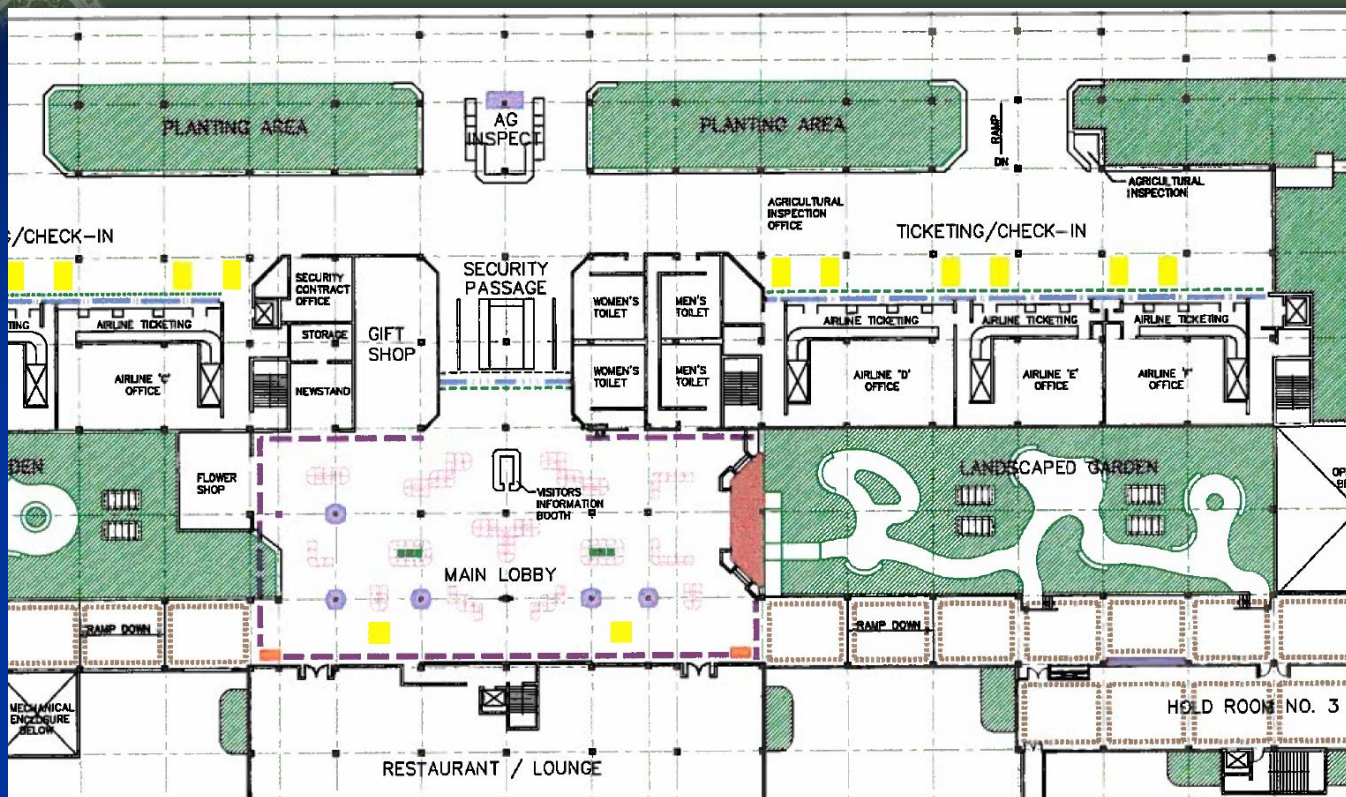
Est. Start Jan 2017

Est. Completion Dec 2017



Terminal Passage Way Expansion

Lihue Airport



DESCRIPTION

Expand the main lobby area behind the security check point.

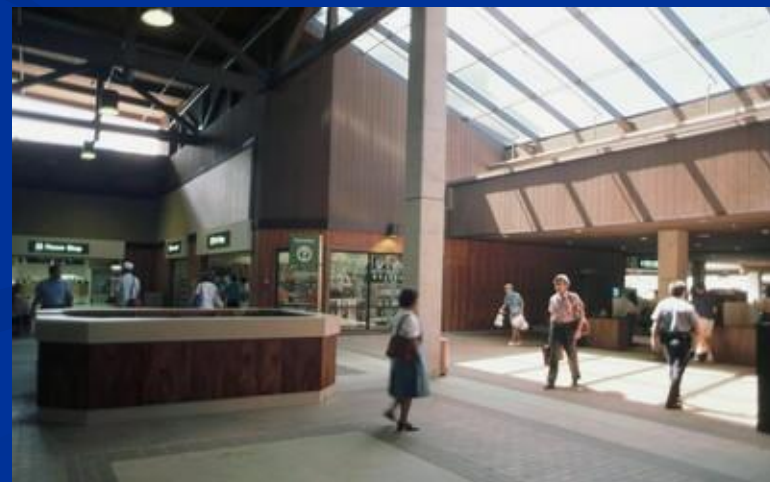
CONSTRUCTION COST

\$900K

SCHEDULE

Est. Start Dec 2014

Est. Completion Dec 2015





Ticket Lobby & Holdroom Improvements

Lihue Airport



DESCRIPTION

Demolish planter boxes fronting the ticket lobby.
Enlarge holdrooms and air condition the walkways.

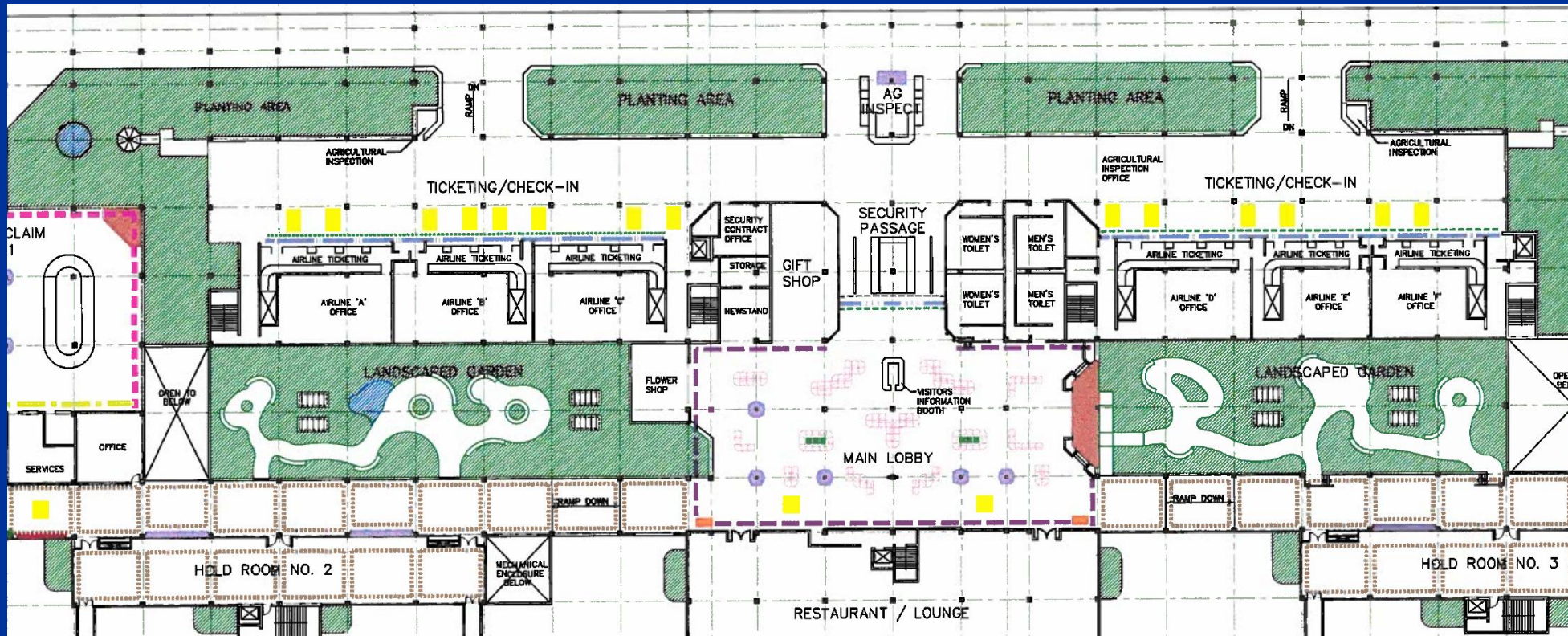
CONSTRUCTION COST

\$8M

SCHEDULE

Est. Start Jan 2016

Est. Completion Dec 2016





Lanai Runway Safety Area

Lanai Airport



DESCRIPTION

Provide a 1000 feet by 500 feet wide runway safety area to meet FAA certification compliance. Work involves raising the end of Runway 3 approximately 50 feet.

CONSTRUCTION COST

\$15M

SCHEDULE

Start Oct 2013

Est. Completion Sept 2014



Airfield Lighting Improvements

Lanai Airport



DESCRIPTION

Replacement of existing runway lighting area to meet FAA certification compliance.

CONSTRUCTION COST

\$1M

SCHEDULE

Start Mar 2014

Est. Completion Mar 2015



Renovation of Hangar 110

Kalaeloa Airport



DESCRIPTION

Renovation of the historical aircraft Hangar 110. There will be several phases to the renovation, starting with the upper roof and continuing on with the lower roof and the exterior and interior upgrades.

CONSTRUCTION COST

\$20M

SCHEDULE

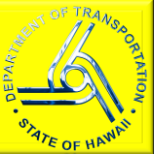
Start March 2013

Est. Completion Sept 2018



Energy Savings Performance Contract

Statewide



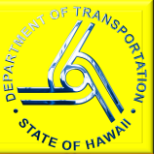
Energy Conservation Measures

- Lighting replacement with LED
- HVAC replacements and upgrades
- Transformer replacements
- Photovoltaic
- Deferred Maintenance projects
- Reduce electricity usage by 53% or \$18,112,062 per year

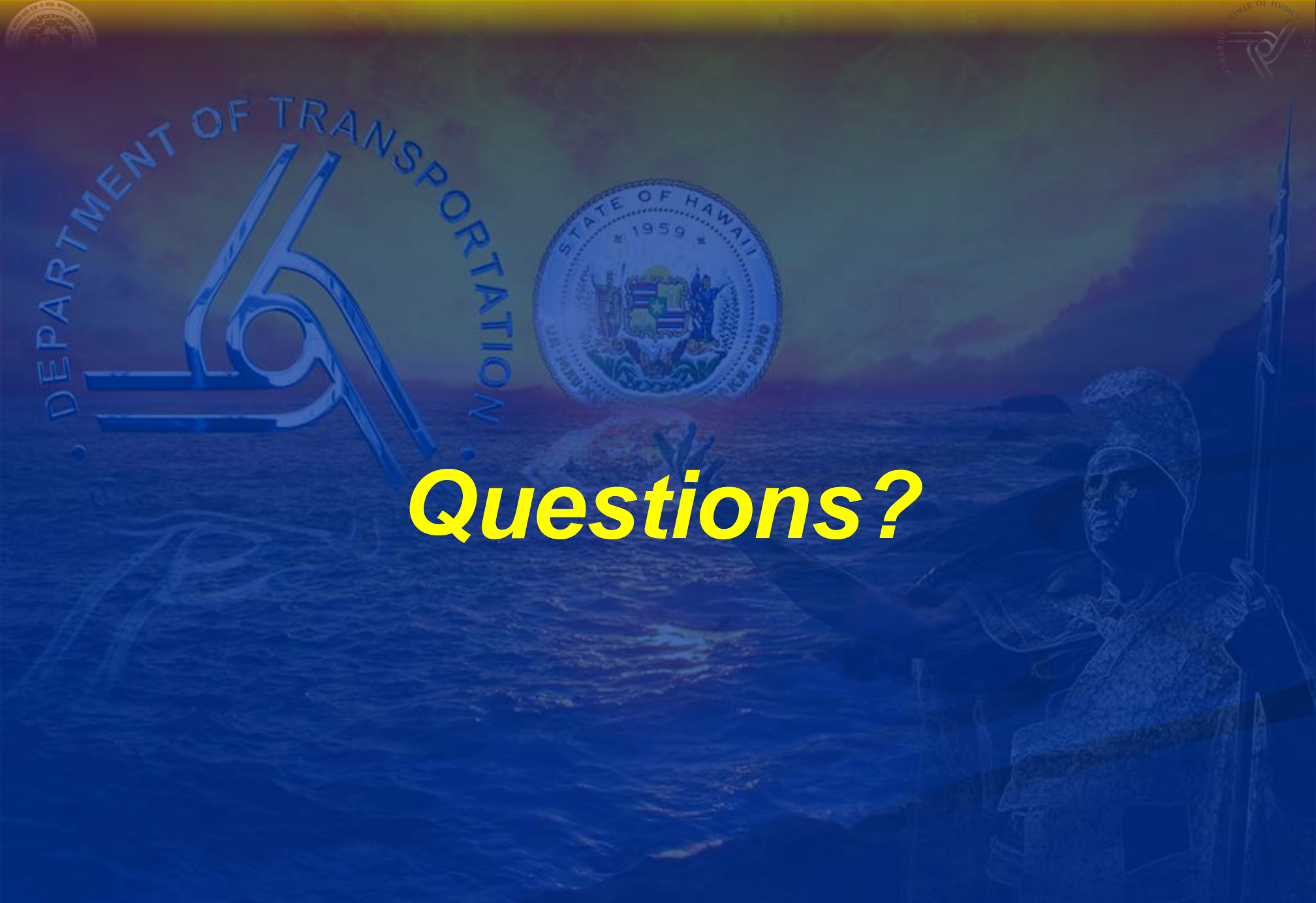


Airports Division

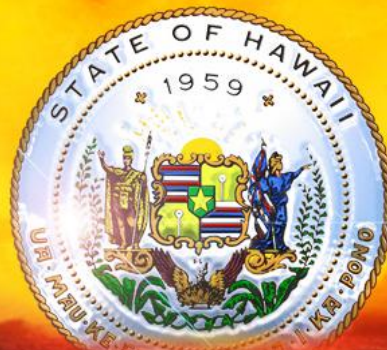
State of Hawaii Department of Transportation



Questions?



Mahalo!



Airports Division

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