Airports New Day Work Projects

American Society of Civil Engineers
June 19, 2014

Airports Division
State of Hawaii Department of Transportation
State System of 15 Airports
Services 32 million passengers a year

Honolulu (HNL) 60%
Kahului (OGG) 17.1%
Kona Int'l (KOA) 8.9%
Lihue (LIH) 8.2%
Kapalua (LUP) 0.3%
Lanai (LNY) 0.3%
Other 0.02%
Molokai (MKK) 0.6%
Hilo Int'l (ITO) 4.4%
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.
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
**Number of Projects in Each Development Status by Airport**

**All Projects**

<table>
<thead>
<tr>
<th>Airport</th>
<th>Planning</th>
<th>Design</th>
<th>Bid/Award</th>
<th>Construction</th>
<th>Closeout</th>
<th>Closed</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honolulu International</td>
<td>12</td>
<td>18</td>
<td>4</td>
<td>19</td>
<td>9</td>
<td>2</td>
<td>62</td>
</tr>
<tr>
<td>Hilo International</td>
<td>1</td>
<td>3</td>
<td>1</td>
<td>3</td>
<td>1</td>
<td>-</td>
<td>9</td>
</tr>
<tr>
<td>Kona International at Keahole</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>-</td>
<td>12</td>
</tr>
<tr>
<td>Kahului</td>
<td>10</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>-</td>
<td>29</td>
</tr>
<tr>
<td>Lihue</td>
<td>7</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>Other Airports</td>
<td>4</td>
<td>1</td>
<td>2</td>
<td>5</td>
<td>2</td>
<td>-</td>
<td>14</td>
</tr>
<tr>
<td>Statewide Programs</td>
<td>12</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>-</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>49</td>
<td>31</td>
<td>15</td>
<td>37</td>
<td>22</td>
<td>5</td>
<td>159</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Primary Sources of Funds</th>
<th>Primary Uses of Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airline revenues: landing fees, terminal rentals, etc.</td>
<td>Operating expenses (personnel, contractual services, utilities, etc.)</td>
</tr>
<tr>
<td>Nonairline revenues: passenger concession fees, parking revenues, etc.</td>
<td>Debt service payments</td>
</tr>
<tr>
<td>Federal grants and Passenger Facility Charge revenues</td>
<td>Capital expenditures (facilities, equipment, etc.)</td>
</tr>
</tbody>
</table>
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
• Taxilanes G& L Widening
• AQ & HA Facilities Demo
• Mauka Concourse
• CONRAC

CONSTRUCTION COST
$750M

SCHEDULE
Start June 2013
Est. Completion June 2018
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
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

Facilities to be demolished
Widen and strengthen taxilanes 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 taxilane 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

Facilities to be demolished

Hangar No. 2
**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**

**DESCRIPTION**

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

**CONSTRUCTION COST**

$15M

**SCHEDULE**

Start Mar 2014
Est. Completion Dec 2014

---

**DIAGRAM**

- Former Cell Phone Waiting Lot
- New Access A
- Existing Access A
- Aolewa Street

---

**MAP**

- Ewa Cell Phone Waiting Area
- Diamond Head Cell Phone Waiting Lot
- Commuter Terminal
- Inter-Island Terminal
- Main Terminal
- Nimitz Highway
- Rodgers Blvd
- Service Road "A"
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
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
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

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
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

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

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
Emergency Power Facility
Honolulu International Airport

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
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
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
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

H1 Eastbound

New Sign

Existing sign to remain

~ 720 ft

Sign #1

Sign #2

Sign #3

Sign #4

Sign #5

~ 720 ft

~ 720 ft

~ 720 ft

New sign panel for airport exit

Existing sign panels to remain

HNL Airport

Terminals 1 2 3

EXIT ONLY

Paiea St.
Aolele St.

Terminal 1
Hawaiian Airlines
Jetstar

Terminal 2
Delta Airlines
Japan Airlines

Terminal 3
Alaska Airlines

Paiea St.
Aolele St.

Departures
Parking
Rental Car Return

Arrivals

HNL Roadway/Terminal Signage Improvement
Honolulu International Airport

Existing Terminal Signage

Proposed Terminal Signage
Other Projects
Honolulu International Airport

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
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
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
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
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

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
**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
Ticket Lobby Renovations
Honolulu International Airport

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

CONSTRUCTION COST
$1M

SCHEDULE
Est. Start Oct 2014
Est. Completion Mar 2015
DESCRIPTION
Renovate restrooms throughout the terminal.

CONSTRUCTION COST
$7.5M

PH. I SCHEDULE
Completed June 2014

PH. II SCHEDULE
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
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
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
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
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
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
Description
Replace existing Access Control and CCTV system.

Construction Cost
$2M

Schedule
Completed Aug 2013
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
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
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 Hanger 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 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
Questions?
Mahalo!

Airports Division
State of Hawaii Department of Transportation