Upcoming Major Projects and Initiatives

AIRPORTS DIVISION  HARBORS DIVISION  HIGHWAYS DIVISION
Airports Division
Honolulu International Airport — $750M New Day Work Projects

Airports Division
Aloha Air Cargo Demolition Phase I

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
Estimated Start Aug 2013
Completion Nov 2013
**New Day in Hawaii**

**Airports Division**

**Aloha Air Cargo Demolition Phase II**

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

**CONSTRUCTION COST**
$15M

**SCHEDULE**
Estimated Start July 2014
Completion Feb 2015

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**Airports Division**

**New Employee Parking Lot**

**DESCRIPTION**
Construction of pervious concrete pavement parking lot for employees using the Elliott Street Support Facilities.

**CONSTRUCTION COST**
$7.5M

**SCHEDULE**
Estimated Start Aug 2013
Completion June 2014
Airports Division

Diamond Head Site Improvements

- **Improvement**: Site improvements necessitated from the construction of the DH Commuter Terminal.
- **Construction Cost**: $8M
- **Status**: Estimated Start Nov 2013, Completion Jan 2015

Airports Division

Diamond Head Commuter Terminal

- **Improvement**: New 35,000 SF Commuter Terminal adjacent to Gate 6 at the end of the Diamond Head Concourse.
- **Construction Cost**: $27M
- **Status**: Estimated Start Feb 2014, Completion May 2015
Hawaiian Airlines Maintenance and Cargo Facility

**Description:** New maintenance and cargo facility for Hawaiian Airlines.

**Construction Cost:** $85.4M

**Timeline:**
- Estimated Start: March 2013
- Completion: April 2014

Taxilanes G&L Widening Phase I

**Description:** Widen 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:** $32M

**Timeline:**
- Estimated Start: May 2015
- Completion: May 2016
**Airports Division**

**Taxiways G\&L Widening Phase II**

**DESCRIPTION:**
Widen taxiways to meet FAA Airport Design Standards to accommodate Aircraft Design Group (ADG) V aircrafts anticipated to use the Mauka Concourse.

**CONSTRUCTION COST:**
$30M

**SCHEDULE:**
Estimated Start Sept 2016
Completion June 2017

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**Airports Division**

**Aloha and Hawaiian Facilities Demolition**

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

**CONSTRUCTION COST:**
$14M

**SCHEDULE:**
Estimated Start Feb 2015
Completion Dec 2015
**Mauka Concourse**

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

**CONSTRUCTION COST:**
$215M

**SCHEDULE:**
Estimated Start May 2015
Completion Mar 2017

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**Roadway & Miscellaneous Improvements**

**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 Sept 2013
**CONRAC PHII A (Interim Facility)**

**DESCRIPTION**
Convert DH end of OST parking structure to accommodate car rental operations during construction of CONRAC Ph. 1B.

**CONSTRUCTION COST**
$43M

**SCHEDULE**
- Estimated Start Oct 2013
- Completion Oct 2014

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**CONRAC PHII B (Permanent Facility)**

**DESCRIPTION**
Consolidated Car Rental Facility with common bussing, quick turn around facility and parking.

**CONSTRUCTION COST**
$250M

**SCHEDULE**
- Estimated Start July 2014
- Completion June 2017
**Honolulu Roadway/Terminal Signage Improvements**

**DESCRIPTION**
Replace the roadway and terminal wayfinding signage, including renaming the terminals and gates to alpha-numeric, and baggage claim to numeric.

**CONSTRUCTION COST**
$25M

**SCHEDULE**
Estimated Start: June 2014
Completion: June 2015

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**Honolulu Concession Improvements**

**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**
$8M

**SCHEDULE**
Estimated Start: Aug 2014
Completion: Aug 2015
Airports Division

Honolulu Concession Improvements

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

Airports Division

Honolulu International Airport – Other Projects

IN IMPROVEMENTS
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
Kahului Airport

**Kahului Airport Apron Pavement Structural Improvements Phase II**

**DESCRIPTION**
Repairs to Taxiway "A" at Kahului Airport.

**DESIGN/COST**
$27M

**SCHEDULE**
Advertised Now
Estimated Start September 2013
Completion March 2015
**Kahului Airport Runway Rehabilitation**

**DESCRIPTION**
Rehabilitate Runways 2-20 and 5-23 at Kahului Airport.

**CONSTRUCTION COST**
$150M

**SCHEDULE**
Estimated Start: October 2016
Completion: October 2017

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**Kahului Airport Access Road to Hana Highway**

**PROPOSED PROJECT SITE**
New airport access road from Hana Highway to the main Airport Terminal

**EST TOTAL COST**
$60 Million

**EST SCHEDULE**
Bid Opening: 06/8/2013
Construction Start: 11/2013, 12 months duration.
Airports Division

Kahului Airport Roadway Improvements and CONRAC Facility

**Concept B2 Overall Aerial View**

**DESCRIPTION**
Provide a new Consolidated Rental Car Facility to consist of Quick Turnaround, Ready/Return, Customer Service Bldg, and roadway connections to the Airport roadway system.

**EST. TOTAL COST**
$303 Million

**SCHEDULE**
Construction Start 03/2014, 24 months duration.

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Airports Division

Kahului Airport Reroof Terminal Building Phase II

**DESCRIPTION**
Continue with Reroof of Kahului Airport Terminal building including Terminals A & B.

Note: Having problems with phase 1 roofing material (not sticking to material)

**CONSTRUCTION COST**
$7 Million

**SCHEDULE**
Design Start June 2013
Design Complete Oct. 2013
Airports Division
Lanai Runway Safety Area

**What**
Extend runway safety area to meet FAA compliance certification. Work involves raising the end of runway 3 and extending the safety area to 1000 feet by 500 feet wide.

**Cost Total**
$24 Million

**Schedule**
Estimated Start November 2013
Completion June 2014

Airports Division
Kona International Airport at Keahole - Improvements
Hilo International Airport

Airports Division
Hilo International Airport – Aircraft Rescue and Fire Fighting Facility

**DESCRIPTION**
Construct a new ARFF Station at Hilo International Airport

**CONSTRUCTION COST**
$20M

**SCHEDULE**
Estimated Start Jan 2014
Completion June 2015
Harbors Division
Honolulu Harbor, Kapalama Container Terminal

**DEMO & REMOVAL OF STRUCTURES AT THE KAPALAMA MILITARY RESERVATION, HONOLULU HARBOR, OAHU**

KAPALAMA CONTAINER TERMINAL Wharf & Dredging Design, Honolulu Harbor, Oahu

**THE NEW KAPALAMA CONTAINER TERMINAL YARD DESIGN, HONOLULU HARBOR, OAHU**

**SCHEDULE**
Preparation of demolition plan, including environmental abatement requirements to demolish the existing buildings on the KMR site in preparation for construction of the New Kapalama Container Terminal.

- **Start:** October 2009
- **Est. Design Completion:** August 2013
- **Est. Construction Start:** March 2014

**STUDY & DESIGN**
Design of the yard area of the proposed New Kapalama Container Terminal project.

- **Schedule:**
  - Start: March 2013
  - Est. Design Completion: May 2014
  - Est. Construction Start: November 2014

**SCHEDULE**
Design of the wharf & dredging portions of the proposed New Kapalama Container Terminal project.

- **Schedule:**
  - Start: January 14, 2013
  - Est. Design Completion: July 2014
  - Est. Construction Start: January 2015

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Harbors Division
Honolulu Harbor, Piers 12 and 15 Improvements

**SCHEDULE**
Improvements to Piers 12 and 15 to accommodate the relocation of Clean Islands Council (CIC) and Marine Spill Response Corporation (MSRC) from Pier 35 to Piers 12 and 15 respectively.

- **Total Cost:** $9 million
- **Est. Construction Start:** January 2014

**SCHEDULE**
Est. Design Completion: September 2013

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Honolulu Harbor, Pier 31A-32 Replacement of Fire Suppression System

**SCOPE**
Replacement of the fire suppression system at Piers 31A-32, Honolulu Harbor

**EST. TOTAL COST**
$1.5 Million

**EST. SCHEDULE**
Bid Date: March 2014

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Kalaeloa Barbera Point Harbor, Oahu

**FUEL SYSTEM PROJECTS**

**DESCRIPTION:** Fuel Pier Development Plan and Environmental Documentation and Kalaeloa Master Plan.

**SCHEDULE:** In progress
Harbors Division
Kahului Harbor, Relocate Maui District Office

**SCOPE**
Relocate the Harbors Maui District Office to the old Kahului Railroad Building "A", demolish the old Kahului General Store, renovate the old Kahului Railroad Buildings "B" and "C" for future tenants, and associated improvements such as lighting, paving and a new comfort station.

**EST. TOTAL COST**
$9.0 million

**EST SCHEDULE**
Bid Date: October 2013

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Harbors Division
Hilo Harbor, Pier 1 Shed Modifications Phase II

**SCOPE**
Demolish approximately 49% of the northern portion of shed, including associated utility work.

**EST. TOTAL COST**
$6.0 million

**EST SCHEDULE**
Bid Date: November 2013
### Hilo Harbor Improvements

**Phase 2**
- Design a new widened roadway & gate entrance into new inter-island cargo terminal facility.
- Acquire road widening lots.

**Estimated Cost:** $4 million

- **Start:** April 2010
- **Design Completed:** November 2012
- **Bid Opening:** May 18, 2013
- **Est. Construction Start:** November 2013

**Phase 3**
- Design of a new 602 linear feet wharf, utilities, fender and mooring system and associated site work.
  - The construction of these improvements will complete the new inter-island large terminal facility.

**Estimated Cost:** $40 million

- **Start:** January 2010
- **Est. Design Completion:** August 2013
- **Est. Construction Start:** January 2014

### Kawaihae Harbor Improvements - Environmental Assessment

**Chapter 343, HRS Environmental Assessment report.**

**Cost:** $288,000

- **Start:** June 2011
- **Est. Completion:** Dec. 2013
Highways Division
Hawaii Belt Road (Route 19) Resurfacing Pepekeeo to Hakalau MP 10-15

**SCOPE**
Resurface pavement and reconstructing problem areas.

**EST. COST**
$12 Million

**SCHEDULE**
Est. Advertising: October 2013

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Highways Division
Keaau-Pahoa Road Intersection Improvements at Old Government Road

**SCOPE**
Operational and safety improvements.

**EST. COST**
$4.7 Million

**EST. SCHEDULE**
Estimate Advertise: November 2013
Volcano Road Widening Keaau to Paahana Street

**SCOPE**
Re-grade and reconstruct existing roadway to provide widened shoulders and to restore original roadway crown.

**EST. COST**
$3 Million

**EST. SCHEDULE**
Anticipate Advertise: August 2013

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Mamalahoa Highway Drainage Improvements Vicinity of Puuwaawaa Ranch Road

**SCOPE**
Construct an underground drainage system and retaining walls, and associated roadway improvements.

**ESTIMATED CONSTRUCTION COST**
$3.5 million

**EST. SCHEDULE**
Bid Date: July 2013
Highways Division

**Saddle Road Extension – Mamalahoa Highway to Queen Kaahumanu Highway**

**SCOPE:**
Extension of Saddle Road from Mamalahoa Hwy. to Queen Kaahumanu Hwy.

**EST. COST**
$80 Million

**EST. SCHEDULE**
EIS – late 2013

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Highways Division

**Saddle Road – Route 200**

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*Update June 2013*
Highways Division

Saddle Road – to be renamed and dedicated as Daniel K. Inouye Highway

Highways Division

Queen Kaahumanu Highway Intersection Improvements at Kawaihae Road

**SCOPE**
Improve operation, capacity and safety at Queen Kaahumanu Hwy. & Kawaihae Road Intersection.

**EST. COST**
$1.5 Million

**EST. SCHEDULE**
Advertise: early 2015
Highways Division
Kuhio Highway Resurfacing Kapule Highway to North Laho Drive

SCOPE
Resurfacing, cold planing, reconstruction of weakened pavement areas, installation of pavement markers, traffic signing and rumble strips, adjustment of utilities, guardrail and shoulder improvements.

EST. TOTAL COST
$4.0 Million

SCHEDULE
Advertising June 2014

Highways Division
Kuhio Highway South Koolau Road to Kapuna Road

SCOPE
Resurfacing, cold planing, reconstruction of weakened pavement areas, installation of pavement markers, traffic signing and rumble strips, adjustment of utilities, clean-out boxes, guardrail and shoulder improvements.

EST. TOTAL COST
$4.7 Million

SCHEDULE
Advertising Spring 2014
Highways Division

Kahului Airport Access Road Vicinity of Puunene to Hana Highway

**SCOPE**
Construct portion of new access road to Kahului Airport from vicinity of Puunene Ave to Hana Hwy.

**COST** $21.8 Million

**EST. SCHEDULE**
Anticipate NTP, November 2016

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Highways Division

Hana Highway & Kaahumanu Avenue Beautification Drive Overpass

**SCOPE**
Landscaping, including migration, along approx. 3 miles of the main corridor between Kahului & Wailuku

**EST. COST** $1.75 Million

**EST. SCHEDULE**
Estimate advertising: Oct 2014
Highways Division
Waiehu Beach Road Rehabilitation of Iao Stream Bridge

**SCOPE**
Rehabilitation of concrete T-beam bridge on Waiehu Beach

**COST**
$4.5 Million

**EST. SCHEDULE**
Anticipate NTP: September 2013

Highways Division
Lahaina Bypass Phases

[Map of Lahaina Bypass Phases]
Highways Division

Lahaina Bypass – Honoapiilani Highway Realignment Phase IB-2, Hokiokio Place to Relocated Southern Terminus

**SCOPE**
Ultimate build out to 4 lanes – in phases.

**EST. TOTAL COST**
$40 Million

Highways Division

Interstate Route H-1 Rehabilitation, Middle Street to Vicinity of Ward Avenue

**SCOPE**
Rehabilitate pavement, upgrade lighting and repave H-1.

**EST. COST**
$40 Million
Highways Division

**Farrington Highway, Intersection Improvements, Haleakala Avenue to Nanakuli Avenue**

**SCOPE:** Install auxiliary left-turn lanes from Farrington Highway into Haleakala Avenue and Nanakuli Avenue. Includes relocating utilities, traffic signals, railroad tracks, a bike lane, and highway lighting.

**EST. COST:** $1.12 Million

**EST. SCHEDULE:** Advertise Oct 2013

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Highways Division

**Kalanianaole Highway Resurfacing Wind Hind Drive to Vicinity of Hanauma Bay Road**

**SCOPE:** Resurfacing, guardrail, signing, landscaping, and striping

**EST. COST:** $15 Million

**EST. SCHEDULE:** Advertise Oct 2013
Highways Division

Kamehameha Highway Resurfacing Kahuku Training Area to Laiewai Bridge

**SCOPE**
- Cold planing; resurfacing;
- Reconstruction of weakened pavement areas;
- Upgrading existing guardrails, and treatments;
- Bridge rails and transitions;
- Installation of guardrails, concrete bus pads, milled centerline and shoulder rumble strips, pavement markings and signage.

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Highways Division

Kapolei Interchange, Phase 2

**SCOPE**
- Construct the Waiea Street overpass and on- and off-
- ramps.

**EST. COST**
- $48 Million

**EST. SCHEDULE**
- Advertise Spring 2014
Highways Division
Farrington Highway, Bridge Replacement, Makaha Bridges Nos. 3 & 3A

**SCOPE**
Replacing the existing wooden bridges with new bridge structures that meet current State and Federal Standards.

**EST. COST**
$15 Million

**EST. SCHEDULE**
Advertise Aug 2014

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Highways Division
Kamehameha Highway Resurfacing Dairy Road to Kahuku Training Area

**SCOPE**
Cold planing, resurfacing, reconstruction of weakened pavement areas, installation of concrete bus pads, installation of new guardrail, upgrading existing guardrail, end treatments, bridge rails, and transitions, reconstruction of a culvert headwall, installation of rumble strips, pavement markings, and signage.

**EST. COST**
$6 Million

**EST. SCHEDULE**
Advertise Sept 2014
### Highways Division – Statewide

#### System Preservation Projects – Oahu & Hawaii

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost 2014 (mil)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liliha St Rehabilitation: North King to School St</td>
<td>$3.3</td>
</tr>
<tr>
<td>Kalanianaole Hwy. Resurfacing – Lunahila Home Rd. to East Hind Dr. (MP 13.24 to 16.46)</td>
<td>$11.2</td>
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<tr>
<td>Kamehameha Hwy: Waimea Valley to Barros Road (MP 5.9 to 8.07)</td>
<td>$3.0</td>
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<tr>
<td>Kamehameha Hwy: Waihau Street to Ka Uka Blvd. (MP 11.91 to 15.20)</td>
<td>$16.0</td>
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</tbody>
</table>

#### Drainage Repairs, Various Locations

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost 2014 (mil)</th>
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<tbody>
<tr>
<td>Hawaii Belt Road Bridge Expansion Joint Repairs, Various Locations</td>
<td>$2.5</td>
</tr>
<tr>
<td>Replace Deteriorated Guardrail and Posts Various Locations</td>
<td>$2.5</td>
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</tbody>
</table>

### Highways Division – Statewide

#### System Preservation Projects – Maui/Molokai/Lanai and Kauai

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost 2014 (mil)</th>
</tr>
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<tbody>
<tr>
<td>Kekaulike Ave Resurfacing Haleakala Crater Rd to Kula Hwy MP 6.03 to 8.17</td>
<td>$3.4</td>
</tr>
<tr>
<td>Haleakala Hwy Resurfacing Old Haleakala Rd to Kula Hwy MP 5.64 to 7.76</td>
<td>$4.6</td>
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<tr>
<td>Kihei Rd Resurfacing Hoopili Rd to South Kihei Rd MP 0.0 to 3.08</td>
<td>$2.7</td>
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<tr>
<td>Mokulele Rd PPM Kuilohi Hwy to Cane Haul Cross MP 0.6 to 2.0</td>
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#### Maui

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost 2014 (mil)</th>
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<tbody>
<tr>
<td>Kaumualii Hwy Resurfacing, Ph 1, Hulei Bridge to Koloa Rd MP 8.92 to 21.35</td>
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<tr>
<td>Kaumualii Hwy Resurfacing, PH-2, Lele Rd to Waimea River Bridge MP 17.10 to 22.47</td>
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<td>Kaumualii Hwy Resurfacing, PH-3, Waimea Canyon Drive to Mana St MP 23.15 to 30.90</td>
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#### Kauai

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost 2014 (mil)</th>
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<tbody>
<tr>
<td>Kuhio Hwy Resurfacing, MP 16.8 to MP 18.9</td>
<td>$0.9</td>
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<tr>
<td>Kuhio Hwy Resurfacing, Kapule Hwy to North Lehua Dr MP 2.73 to 5.6</td>
<td>$4.0</td>
</tr>
<tr>
<td>Nawiliwili Rd PPM, Kanani St to Kapule Hwy</td>
<td>$0.3</td>
</tr>
</tbody>
</table>
PUBLIC CONTACT INFORMATION

For All Divisions Statewide, Questions & Concerns
- DOT Community Affairs Office: 587-2160
- E-mail: dotpao@hawaii.gov