SCOPE – AH1052-03
Upgrade access control system (ACS) & video monitoring system (VMS). New ACS will be proximity card-based w/biometric capability for future TSA requirements. New VMS & ACS integration to provide greater camera coverage & functionality.

EST. TOTAL COST
$2.7 Million

EST. SCHEDULE
Bid Date: 07/2013
Construction to Start 12/2013, 9 months duration.
Airports Division – Hilo International Airport

Airport Rescue and Fire Fighting (ARFF)
Facility Improvements

**SCOPE – AH1031-14**
Construct a new ARFF Station at Hilo International Airport.

**EST. TOTAL COST**
$20 Million

**EST. SCHEDULE**
Bid Date: 09/2013
Construction to Start 01/2014, Completion June 2015
SCOPE – AH1071-16
Sound-insulate houses within the 65 DNL contour within the Keaukaha Subdivision.

EST. TOTAL COST
$2.3 Million

EST. SCHEDULE
Bid Date: 05/2014
Construction to Start 09/2014, 18 months duration.
**SCOPE**
Reroof approximately 60% of the south side of the Pier 1 shed inclusive of interior partition walls, upgrading utilities and hazardous material work.

**EST. TOTAL COST**
$5.0 million

**EST. SCHEDULE**
NTP Issued: August 21, 2012
Est. Completion Date: June 2013
SCOPE
Project involves the design and installation of a surveillance system to monitor waterside threats.

EST. TOTAL COST
$3.5 million (Statewide costs)

EST. SCHEDULE
Start Date: February 4, 2013
Est. Completion Date: July 2013
Harbors Division – Hilo Harbor

Installation of Breasting Bollards at Piers 1 & 3

SCOPE
Installation of new 100T breasting bollards at Pier 1 (4 bollards) and Pier 3 (2 bollards), Hilo Harbor, Hawaii.

EST. TOTAL COST
$215,091 (Sea Engineering)

EST. SCHEDULE
Est. Start: June 2013
Est. Completion: August 2013
Harbors Division – Hilo Harbor
Kumau Street Entrance Improvements

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

**EST. TOTAL COST**
$6 million

**EST. SCHEDULE**
Design Completed: November 2012
Bid Opening: May 16, 2013
Harbors Division – Hilo Harbor
Pier 4 Inter-Island Cargo Terminal

SCOPE
Design of a new 602 linear feet wharf, utilities, fender and mooring system and associated sitework. The construction of these improvements will complete the new inter-island barge terminal facility.

EST. TOTAL COST
$42 million

EST. SCHEDULE
Start: January 2010
Design Completion: August 2013
Harbors Division – Hilo Harbor
Pier 1 Shed Modifications, Phase II

SCOPE
Demolish approximately 40% of the north side of the Pier 1 shed including associated utility work, upgrading the existing pavement that will be exposed, and hazardous material work.

EST. TOTAL COST
$6.0 million

EST. SCHEDULE
Est. Start Date: 2014
Est. Completion Date: Fall 2014
Kalanianaole Avenue
Hilo Harbor
PROJECT LIMITS

SCOPE
Project involves constructing new cargo yard including comfort station and perimeter fencing.

EST. TOTAL COST
$10 million

EST. SCHEDULE
Est. Start: June 2013
Est. Completion: TBD
Highways Division

Volcano Road Pavement Preventative Maintenance
Inbound: Keaau Bypass to Panaewa Bridge

SCOPE
Reconstruct, cold plane, resurface, and re-stripe inbound roadways and connector roads between M.P. 6.5 to 3.31.

EST. COST $2 million

EST. SCHEDULE Complete in July 2013
Highways Division
Hawaii Belt Road Safety Improvements
Vicinity of Papaikou Mill Road Intersection

**SCOPE**
Installation of milled pavement rumble strips, guardrail, driver-feedback speed signs, curb delineator system, pavement marking & signs

**EST. TOTAL COST**
$300k

**EST. SCHEDULE**
Est. completion: Aug. 2013
Highways Division
Hawaii Belt Road Umauma Bridge Repair & Painting

**SCOPE**
Construct new piers, foundations, minor deck widening and replacement of bridge rails.

**EST. COST**
$30 Million

**EST. SCHEDULE**
NTP Date: July 2013
Highways Division
Hawaii Belt Road Safety Improvements and Resurfacing (Laupahoehoe Gulch and Kaawalii Gulch)

SCOPE
Resurface pavement, replace existing guardrails, reconstruct or adjust existing monuments, install pavement striping / markings.

EST. COST
$11 Million

SCHEDULE
Anticipated NTP Date: Fall 2013
Highways Division
Keaau-Pahoa Road
Shoulder Lane Conversion (Phases I & II)

**SCOPE**
Provide northbound shoulder lane conversion and paved shoulder. Provide new southbound afternoon shoulder lane in the Pahoa bound direction and paved shoulder. Traffic signal at intersection of Keaau-Pahoa Road and Shower Drive.

**EST. COST**
Phase I: $15 Million
Phase II: $3 Million

**SCHEDULE**
Phase II – tbd
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: late 2013
Highways Division
Hawaii Belt Road Resurfacing Pepeekeo to Hakalau, MP 10-15

SCOPE
Resurface pavement and reconstructing problem areas.

EST. COST
$12 Million

SCHEDULE
Est. Advertising: August 2013
Highways Division
Volcano Road Widening
Keaau to Paahana Street

**SCOPE**
Regrade and reconstruct existing roadway to provide widened shoulders and to restore original roadway crown.

**EST. COST**
$4 Million

**EST. SCHEDULE**
Anticipate Advertising: August 2014
Highways Division
Hawaii Belt Road Rockfall Protection, Vicinity of Hakalau Bridge

**SCOPE**
Construct spillway, culvert system, tree trimming, slope protection, reconstruction pavement and replace pavement markings.

**EST. COST**
$5 Million

**EST. SCHEDULE**
Anticipate Advertising: Sept 2014
Highways Division
Hawaii Belt Road Hakalau Bridge – Footing Repairs

SCOPE
Investigate & repair bridge footings located within and adjacent to the river

EST. SCHEDULE
Est. advertising: Aug. 2015
Highways Division
Hilo Bayfront Highway Intersection Improvements – Waianuenue Avenue

SCOPE
Pavement widening, curb / gutter, sidewalk & curb ramps. Relocation of existing DI, utility & traffic signal poles, striping & signage.

EST. TOTAL COST
To be determined

EST. SCHEDULE
Design est. begin 2014
Construction est 2016
Highways Division
Hawaii Belt Road Rockfall Protection at Various Sections, Phases I, II & III

**SCOPE**
Mitigate potential rock and debris slides.

**EST. TOTAL COST**
$35M++

**EST. SCHEDULE**
Advertise late 2016
Highways Division
Hawaii Belt Road Pahoehoe Stream Bridge Replacement

**SCOPE**
Replace existing bridge

**EST. TOTAL COST**
$12 million

**EST. SCHEDULE**
Est. advertising: September 2017

HAWAII BELT ROAD, REPLACEMENT OF PAHOEHOE STREAM BRIDGE
SCOPE
Provide mitigation of potential erosion hazards along approximately 2,500 feet of highway on the western half of the Bay front shoreline.

EST. TOTAL COST
$3.5 million

EST. SCHEDULE
Est. Advertising: October 2017
SCOPE:
Extension of Saddle Road from Mamalahoa Hwy. to Queen Kaahumanu Hwy.

EST. COST
$80 Million

EST. SCHEDULE
EIS – late 2013
SCOPE
Widening and realignment of Puainako Street, including crosswalks, traffic signals, drainage improvements, noise barrier walls, improved lighting & ADA provisions, retaining walls, and landscaping.

EST. COST
TBD

EST. SCHEDULE
TBD
Highways Division
Keaau-Pahoa Road
Keaau to Pahoa Improvements

SCOPE
Improve traffic capacity, circulation & safety along Route 130. Improve travel for alternative modes of transportation, bicycles & pedestrians.

EST. COST
$136 - $139 Million

EST. SCHEDULE
Multiphased project
Highways Division
Saddle Road – Route 200

Update June 2013
Highways Division
Saddle Road – to be renamed and dedicated as Daniel K. Inouye Highway
NEW DAY IN HAWAII

Mahalo and Aloha