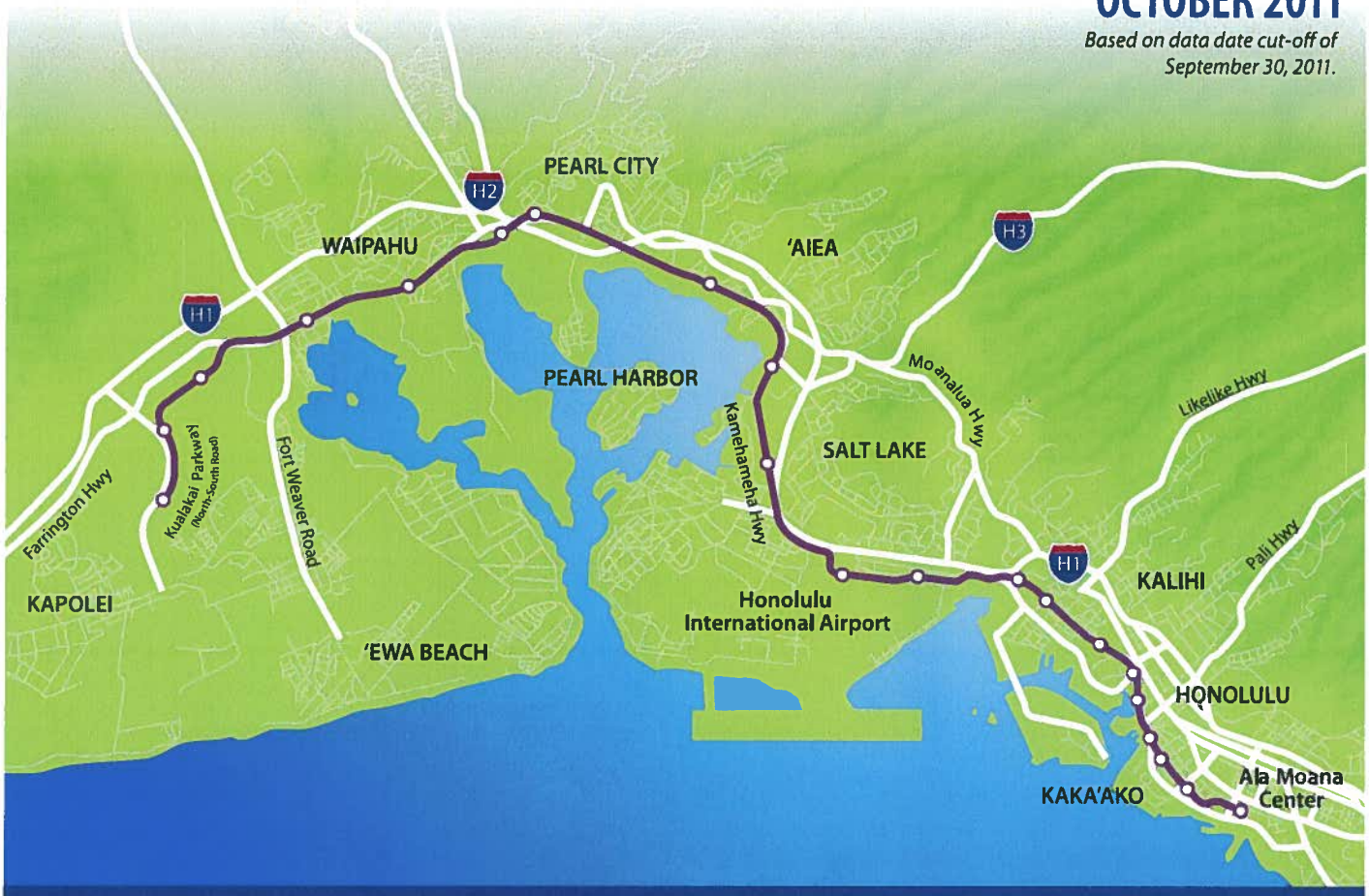
HONOLULU RAIL TRANSIT PROJECT

OCTOBER 2011

Based on data date cut-off of September 30, 2011.



MONTHLY PROGRESS REPORT

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

www.HonoluluTransit.org

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1. EXECUTIVE SUMMARY

1.1 PROJECT HIGHLIGHTS AND MILESTONES ACHIEVED

1.1.1 Soil sampling work began in preparation for the construction of the rail transit system's maintenance and storage facility (MSF). The facility, where the rail system's train cars will be stored and maintained, will be located on a 43-acre site off Farrington Highway between Leeward Community College and Waipahu High School. The soil and survey work will continue into November.

The environmentally-friendly facility will provide enough room to store and maintain up to 100 rail vehicles and will include four major structures: a train system control center; a maintenance building for track inspection and repairs; a train vehicle wash facility; and a train wheel repair center.

1.1.2 A draft Financial Plan (September 2011) was revised and re-submitted to the FTA as a part of the process for approval for Entry into Final Design. The total cost of the rail system is now projected to be $5.174 billion, down $143 million from the previous draft. The most significant reductions were the result of the implementation of changes to the stations, which cut the estimated costs from $615 to $511 million in year-of-expenditure dollars.

1.2 HART Board – Upcoming Scheduled Meetings and Events – October/November 2011

1.2.1 HART Finance Committee Meeting

Thursday, October 6, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.2.2 **HART Board of Directors Meeting**

Thursday, October 6, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.2.3 **HART Board of Directors Meeting**

Thursday, October 13, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.2.4 HART Project Oversight Committee Meeting

Thursday, October 27, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public

1.2.5 **HART Board of Directors Meeting**

Thursday, October 27, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.2.6 HART Transit-Oriented Development Committee Meeting

Thursday, November 3, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public

1.2.7 **HART Board of Directors Meeting**

Thursday, November 3, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.2.8 HART Human Resources Committee Meeting

Thursday, November 17, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public

1.2.9 HART Finance Committee Meeting

Thursday, November 17, 9:30 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public

1.2.10 **HART Board of Directors Meeting**

Thursday, November 17, 10:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.3 ISSUES AND ACTIONS TAKEN

The following are issues identified by the FTA's Project Management Oversight Consultant (PMOC) in their Monthly Reports with the actions taken or being taken by HART as appropriate to address each item and close them. *The updated actions from the previous report are underlined and in italics*. [The new items are indicated with a ☐. Resolved/closed issues are marked as ☒.]

- 1.3.1 Utilization of Letters of No Prejudice (LONPs)

  Issue: The PMOC has advised the City to be cognizant of the limits of authority with regard to issuing Notices to Proceed (NTPs) and remaining in compliance with FTA reimbursement guidelines.

  Action: *Contracts are structured to allow specific work to proceed upon issuance of NTPs, thereby giving HART control of activities not covered under FTA automatic pre-award authority. For example, LONP-1 was approved by the FTA and an NTP specific to final design work was issued to the West Oahu/Farrington Highway Guideway (WOFH) design-build contractor.* The LONP-2 request, which includes specific limited construction activities over a *14-month period* to avoid expensive delays

☒ 1.3.2 Master Project Schedule's Critical Path [CLOSED]

- 1.3.3 License Agreement with Department of Hawaiian Home Lands (DHHL)

  Issue: The PMOC is concerned with HART's need to get a license agreement in place on the Navy Drum Site, where the Maintenance and Storage Facility (MSF) will be constructed.

  Action: License agreement discussions with DHHL continue. A Right-of-Entry consent for the Navy Drum Site for construction was approved by the DHHL Board. The final agreement documentation is still going through the legal review. There does not appear to be any issue that will impact the construction schedule for MSF.

- 1.3.4 Selection of a State Oversight Agency (SOA) Consultant and Developing System Safety Program Plans and System Security Program Plans

  Issue: Given the significant scope for developing System Safety Program Plans and System Security Program Plans, as well as establishing the associated standards and responsibilities, the PMOC has a concern about the aggressive schedule for bringing on the SOA Consultant.

  Action: The procurement process for an SOA Support Consultant is underway with the continuing development of the RFP document. While that effort is being conducted, HART and HDOT have developed an SOA Program Roadmap. HART continues to reconcile the comments from HDOT on the Memorandum of Agreement (MOA).

- 1.3.5 Project Management Support Consultant (PMSC) Re-Procurement

  Issue: FTA Region IX requires the PMSC contract to be re-procured and the resulting contract to contain the appropriate federal clauses.

  Action: *The proposal due date for PMSC services was September 2 and negotiations with the highest-ranked firm are in progress.*

2. PROJECT STATUS

2.1 BUDGET/COST

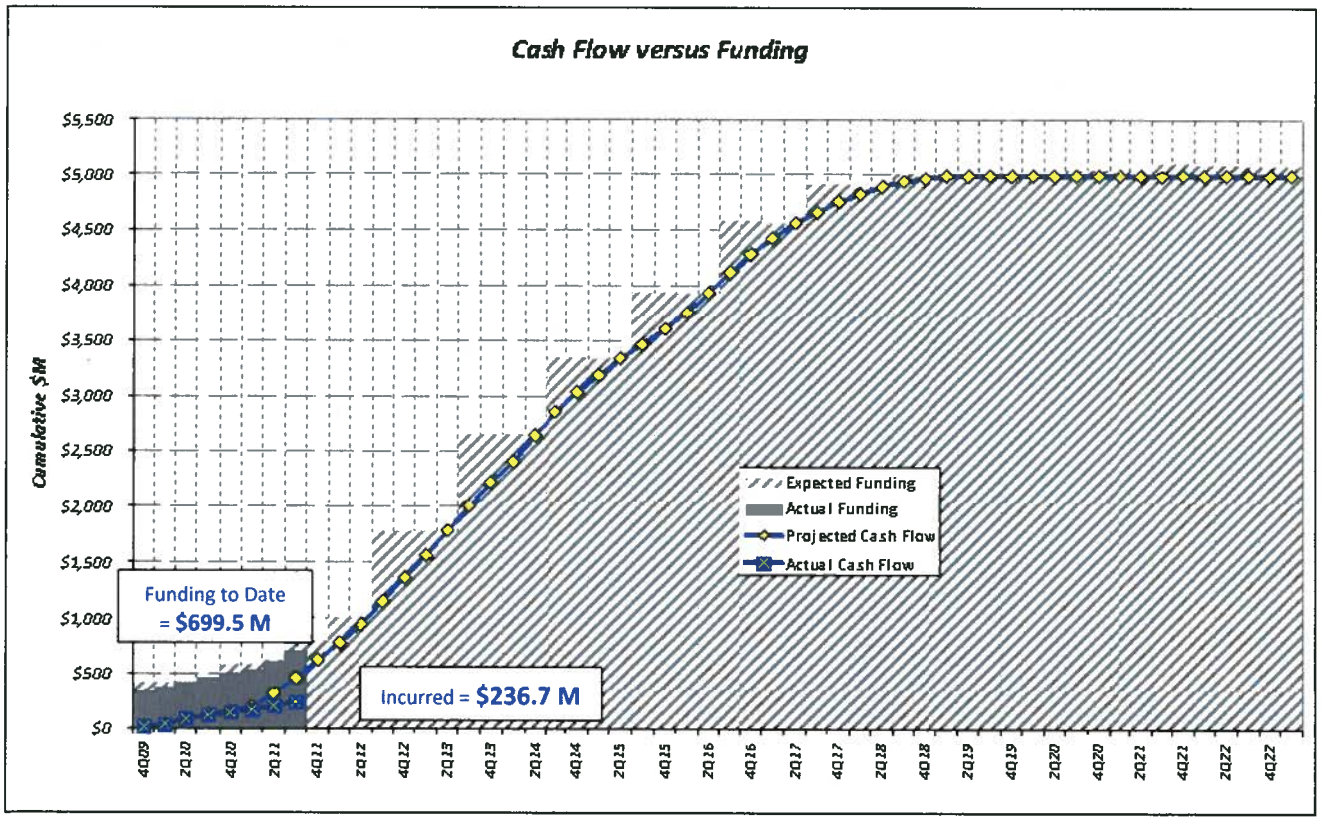
2.1.1 The Total Project Budget for the Honolulu Rail Transit Project, based on the latest Draft Financial Plan (September 2011), is **$5.174** billion in year of expenditure (YOE) dollars. This figure reflects the incorporation of cost reductions since the April 2011 draft submittal, which are subject to review by the Federal Transit Administration's (FTA's) consultants, the Financial Management Oversight Contractor (FMOC) and the Project Management Oversight Contractor (PMOC). This validation action is part of the process for requesting entry into Final Design, the next key phase of the project.

[Note: Because the Project Budget has not yet been re-baselined, all budget/cost references in this report are based on the $5.3 B Budget.]

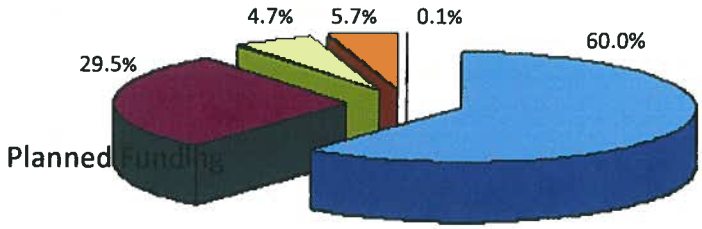
2.1.2 As of September 30, 2011, **$236.7 million**, or **5.8%**, of the Project Budget has been incurred.

2.1.3 The Project's Total Budget Contingency is currently **$861.6 million**, of which $669.9 million is Allocated Contingency and $191.7 million is Unallocated Contingency. (See 2.3 Contingency Management.)

2.1.4 Cash Flow versus Funding Status



2.1.4 Sources of Project Funding



- Net General Excise Tax (GET) Surcharge Revenues ($3,154M)
- FTA Section 5309 New Starts Funding ($1,550M)
- FTA Section 5307 Formula Funds, including $4 ARRA Stimulus Funds ($248M)
- Cash Balance at start of Preliminary Engineering ($298M)
- Investment Income ($7M)

Fund	*Planned (*)*	*Received To Date*
Net General Excise Tax (GET)	3,154	337
FTA Section 5309 New Starts	1,550	60
FTA Section 5307 Formula Funds, including ARRA	248	4
Cash Balance - Opening balance @ start of PE *(**)*	298	298
Investment Income, Other Income	7	1
Totals	**$ 5,257**	**$ 699**

(*) Per the Sept-11 Financial Plan, Project Capital Costs are planned at $4.879M, exclusive of financing.
(**) Opening Cash Balance (Pre-PE) consisted of GET funds and the resulting investment interest.

2.1.5 Cost versus Budget Summary Status

2.1.5.1 Cost versus Budget Summary Status by Contract Type

COST versus BUDGET - SUMMARY STATUS** ($M) - By **STANDARD COST CODE (SCC)

Report Date: October 2011
Data Date: September 30, 2011

SCC	Category	Current Budget September '11 versus August '11			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		August '11	Transfers/ Changes	Sept '11	To Date	Sept '11	To Date	Sept '11	Current Forecast	Change from Last Month
10	Guideway & Track (20 mi)	1,117.82	-0-	1,117.82	509.42	0.00	0.00	0.00	1,153.88	(15.51)
20	Stns, Stops, Terminals (21)	511.43	-0-	511.43	0.00	0.00	0.00	0.00	492.46	-0-
30	Support Facilities: Yds, Shops, Adm	91.86	-0-	91.86	91.86	0.00	0.00	0.00	92.31	-0-
40	Sitework & Special Conditions	871.98	-0-	871.98	340.55	0.06	82.91	2.44	877.39	+0.48
50	Systems	223.21	-0-	223.21	18.52	0.00	0.00	0.00	238.21	-0-
10-50	Construction Subtotal	2,816.30	-0-	2,816.30	960.36	0.06	82.91	2.44	2,854.25	(15.03)
60	Real Estate	177.10	-0-	177.10	15.36	2.29	15.36	2.29	153.50	-0-
70	Vehicles	189.70	-0-	189.70	0.00	0.00	0.00	0.00	189.70	-0-
80	Professional Services	938.23	-0-	938.23	385.95	1.46	138.46	2.97	949.75	+9.91
90	Project Contingency	861.59	-0-	861.59	0.02	0.00	0.00	0.00	835.71	+5.13
100.01	Finance Charges: Project-eligible	229.86	-0-	229.86	0.00	0.00	0.00	0.00	229.86	-0-
FTA TOTAL PROJECT		5,212.78	-0-	5,212.78	1,361.69	3.80	236.72	7.69	5,212.78	-0-
Non-FTA Eligible Costs Finance Charges *		104.57	-0-	104.57	0.00	0.00	0.00	0.00	104.57	-0-
GRAND TOTAL PROJECT		5,317.35	-0-	5,317.35	1,361.69	3.80	236.72	7.69	5,317.35	-0-

* Finance Charges beyond the Revenue Service Date are not eligible for reimbursement from FTA funds.

2.1.5.2 Cost versus Budget Summary Status by Standard Cost Code (SCC)

COST versus BUDGET - SUMMARY STATUS ($M) - By STANDARD COST CODE (SCC)

Report Date: Oct 2011
Data Date: September 30, 2011

SCC	Category	Current Budget September '11 versus August '11			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		August '11	Transfers/ Changes	Sept '11	To Date	Sept '11	To Date	Sept '11	Current Forecast	Change from Last Month
10	Guideway & Track (20 mi)	1,117.82	-0-	1,117.82	509.42	0.00	0.00	0.00	1,153.88	(15.51)
10.04	Guideway: Aerial	1,032.00	-0-	1,032.00	493.58	0.00	0.00	0.00	1,058.45	(15.51)
10.08	Guideway: Retained Cut or Fill	6.44	-0-	6.44	6.44	0.00	0.00	0.00	6.44	-0-
10.09	Track: Direct Fixation	74.85	-0-	74.85	66.71	0.00	0.00	0.00	84.45	-0-
10.11	Track: Ballasted	2.70	-0-	2.70	2.70	0.00	0.00	0.00	2.70	-0-
10.12	Track: Special	1.84	-0-	1.84	0.00	0.00	0.00	0.00	1.84	-0-
20	Stns, Stops, Terminals (21)	511.43	-0-	511.43	0.00	0.00	0.00	0.00	492.46	(0.00)
20.01	At-grade Stn, platform, etc	6.93	-0-	6.93	0.00	0.00	0.00	0.00	6.93	-0-
20.02	Aerial Stn, platform, etc.	373.83	-0-	373.83	0.00	0.00	0.00	0.00	354.85	(0.00)
20.06	Auto parking structure	65.06	-0-	65.06	0.00	0.00	0.00	0.00	65.06	-0-
20.07	Elevators, escalators	65.61	-0-	65.61	0.00	0.00	0.00	0.00	65.61	-0-
30	Support Facilities: Yds, Shops, Adm	91.86	-0-	91.86	91.86	0.00	0.00	0.00	92.31	-0-
30.02	Light Mtce Facility	7.53	-0-	7.53	7.53	0.00	0.00	0.00	7.53	-0-
30.03	Heavy Mtce Facility	37.86	-0-	37.86	37.86	0.00	0.00	0.00	37.86	-0-
30.04	Storage or Mtce-of-Way Bldg	7.74	-0-	7.74	7.74	0.00	0.00	0.00	7.74	-0-
30.05	Yard & Yard Track	38.74	-0-	38.74	38.74	0.00	0.00	0.00	39.19	-0-
40	Sitework & Special Conditions	871.98	-0-	871.98	340.55	0.06	82.91	2.44	877.39	+0.48
40.01	Demolition, Clearing, Earthwk	17.24	-0-	17.24	9.89	0.00	0.00	0.00	17.24	-0-
40.02	Site Utilies, Utility Reloc	291.21	-0-	291.21	70.28	0.06	1.00	0.06	290.52	-0-
40.03	Haz Mat'l, Contam soil remove	6.72	-0-	6.72	5.50	0.00	0.00	0.00	6.72	-0-
40.04	Environmental Mitigation	26.72	-0-	26.72	11.04	0.00	0.00	0.00	26.72	-0-
40.05	Site structures, retain walls	19.78	-0-	19.78	7.00	0.00	0.00	0.00	19.78	-0-
40.06	Ped/bike access, landscape	37.54	-0-	37.54	3.46	0.00	0.00	0.00	36.89	-0-
40.07	Auto, bus, van accessways	181.33	-0-	181.33	46.30	0.00	0.00	0.00	173.78	-0-
40.08	Temporary Facil, Indirect Cost	291.43	-0-	291.43	187.08	0.00	81.91	2.38	305.73	+0.48
50	Systems	223.21	-0-	223.21	18.52	0.00	0.00	0.00	238.21	-0-
50.01	Train control & signals	82.68	-0-	82.68	0.00	0.00	0.00	0.00	97.68	-0-
50.02	Traffic signals & crossing prot	10.73	-0-	10.73	0.19	0.00	0.00	0.00	10.73	-0-
50.03	Traction power supply: substn	30.17	-0-	30.17	1.19	0.00	0.00	0.00	30.17	-0-
50.04	Traction power distrib: cate	32.86	-0-	32.86	16.41	0.00	0.00	0.00	32.86	-0-
50.05	Communications	54.10	-0-	54.10	0.73	0.00	0.00	0.00	54.10	-0-
50.06	Fare collection sys & equip	9.22	-0-	9.22	0.00	0.00	0.00	0.00	9.22	-0-
50.07	Central Control	3.45	-0-	3.45	0.00	0.00	0.00	0.00	3.45	-0-
10-50	Construction Subtotal	2,816.30	-0-	2,816.30	960.36	0.06	82.91	2.44	2,854.25	(15.03)
60	Real Estate	177.10	-0-	177.10	15.36	2.29	15.36	2.29	153.50	-0-
60.01	Purch or lease of R/E	160.46	-0-	160.46	15.13	2.12	15.13	2.12	136.86	-0-
60.02	Relocation of existing H/H	16.64	-0-	16.64	0.23	0.16	0.23	0.16	16.64	-0-
70	Vehicles	189.70	-0-	189.70	0.00	0.00	0.00	0.00	189.70	-0-
70.01	Light Rail	171.12	-0-	171.12	0.00	0.00	0.00	0.00	171.12	-0-
70.06	Non-revenue vehicles	13.03	-0-	13.03	0.00	0.00	0.00	0.00	13.03	-0-
70.07	Spare parts	5.55	-0-	5.55	0.00	0.00	0.00	0.00	5.55	-0-
80	Professional Services	938.23	-0-	938.23	385.95	1.46	138.46	2.97	949.75	+9.91
80.01	Prelim Engineering	54.09	-0-	54.09	57.55	(0.01)	49.19	0.36	54.09	-0-
80.02	Final Design	199.97	-0-	199.97	64.96	(0.04)	0.57	(0.02)	211.86	+9.91
80.03	Project Mgmt - Design & Construction	321.75	-0-	321.75	209.70	1.40	88.07	2.38	322.75	-0-
80.04	Construction Admin & Mgmt	170.83	-0-	170.83	48.50	0.00	0.00	0.00	170.83	-0-
80.05	Prof Liability & non-Construct Insur	51.00	-0-	51.00	0.00	0.00	0.00	0.00	51.00	-0-
80.06	Legal; Permits; Review Fees	63.56	-0-	63.56	3.94	0.10	0.55	0.25	67.32	-0-
80.07	Surveys; Testing; Investig; Inspect	5.57	-0-	5.57	0.52	0.00	0.08	0.00	5.57	-0-
80.08	Start-Up	71.45	-0-	71.45	0.78	0.00	0.00	0.00	66.93	-0-
90	Project Contingency	861.59	-0-	861.59	0.02	0.00	0.00	0.00	835.71	+5.13
100.01	Finance Charges: Project-eligible	229.86	-0-	229.86	0.00	0.00	0.00	0.00	229.86	-0-
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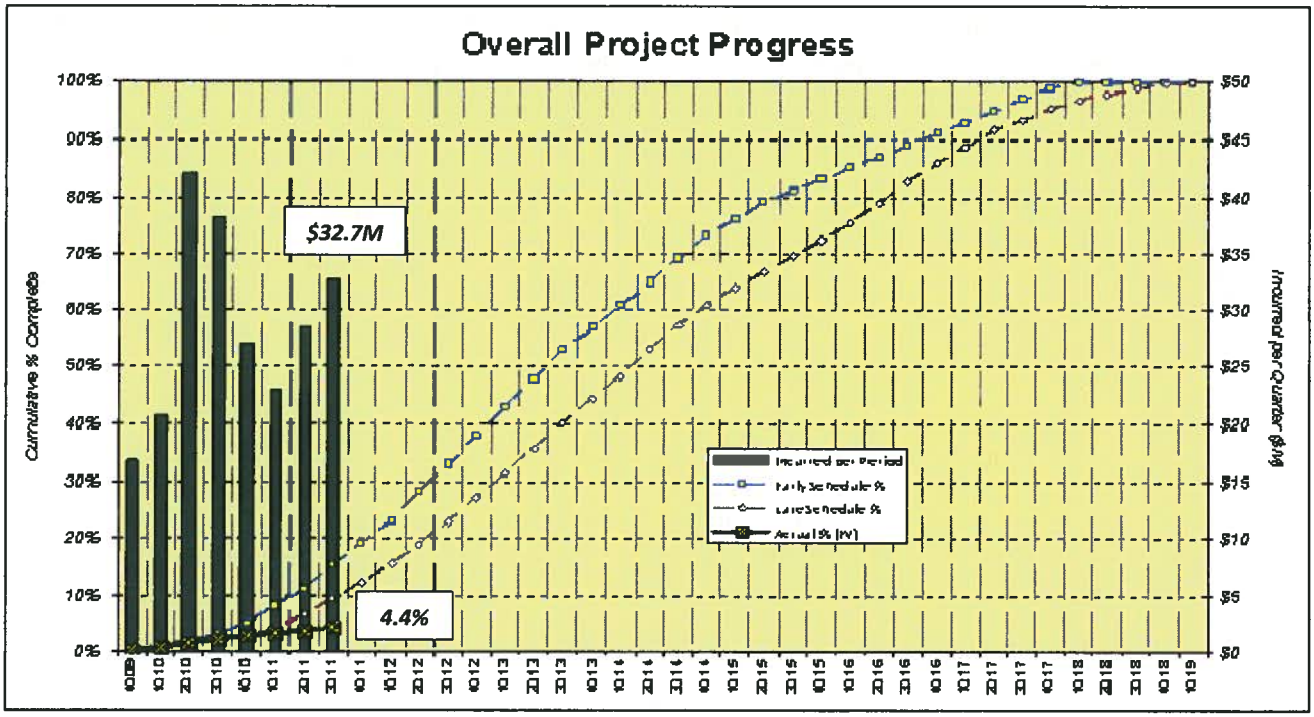
* Finance Charges beyond the Revenue Service Date are not eligible for reimbursement from FTA funds.

2.2 SCHEDULE/PROGRESS

2.2.1 As of the end of September 2011, the Project is forecasting Full Revenue Service in **March 2019**, which is a full nine months ahead of the December 31, 2019 completion date reflected in the revised Draft Financial Plan and the Risk and Contingency Management Plan (RCMP) prepared for Entry into Final Design.

2.2.2 This graphic presents the Project status, based on overall earned value performance against the Early Start/Late Start dates in the Master Project Schedule (MPS). The chart also tracks the Incurred Dollars per Quarter (the "burn rate").



Exhibits on the following pages:

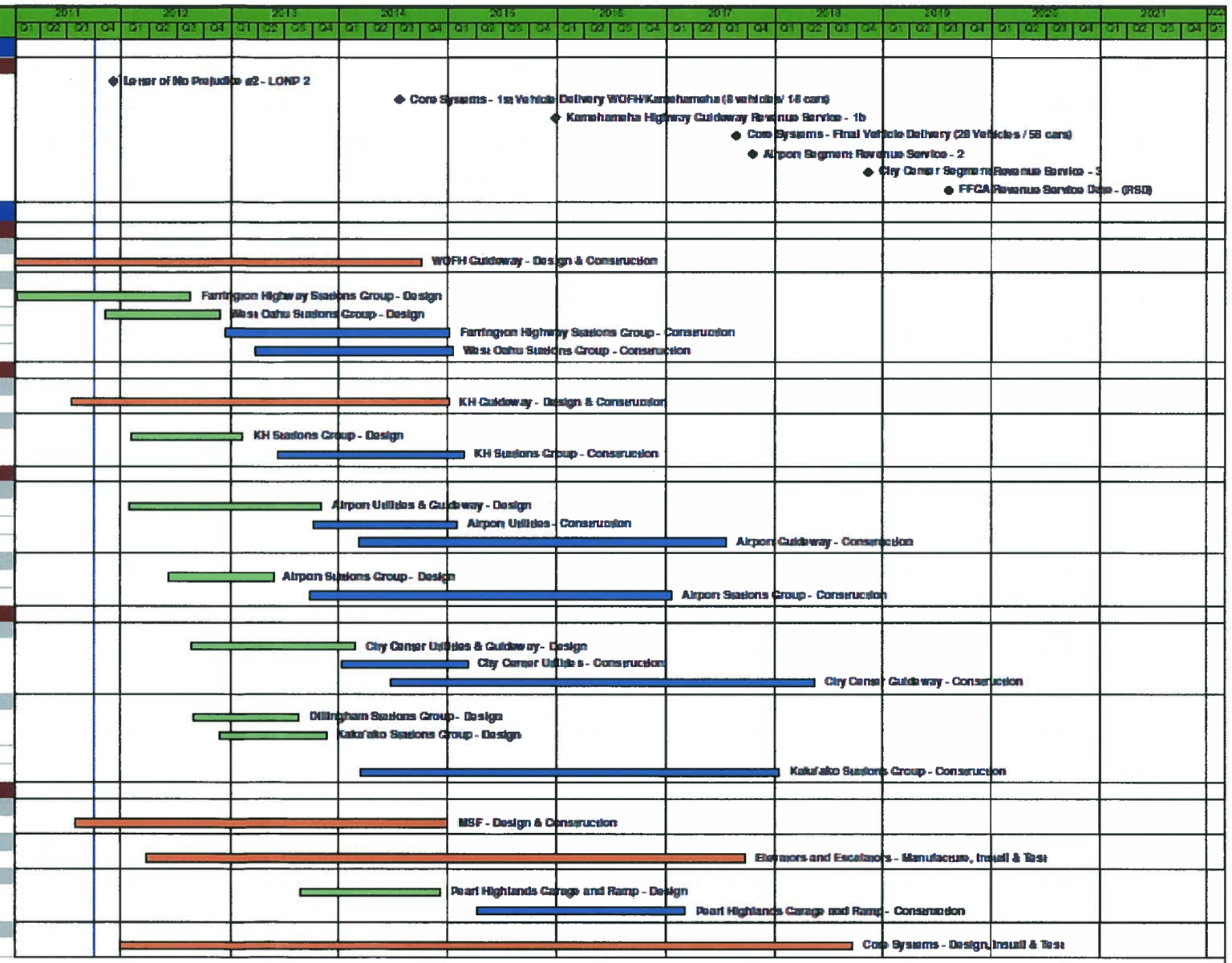
2.2.3 Summary Master Project Schedule

2.2.4 Longest Path Schedule Exhibit

2.2.5 Linear Project Schedule

2.2.4 Summary Master Project Schedule

Activity Name	Start	Finish
KEY DATA	12-01-11	08-09-19
MILESTONES	12-01-11	08-09-19
Letter of No Prejudice #2 - LONP 2	12-01-11	
Core Systems - 1st Vehicle Delivery WOFH/Kamehameha (8 vehicles/ 16 cars)		07-21-14
Kamehameha Highway Guideway Revenue Service - 1b		12-27-15*
Core Systems - Final Vehicle Delivery(28 Vehicles/ 58 cars)		08-27-17
Airport Segment Revenue Service - 2		10-20-17*
City Center Segment Revenue Service - 3		11-12-18*
FFGA Revenue Service Date -(RSD)		08-09-19*
CONTRACTS - DESIGN & CONSTRUCTION	12-01-09 A	09-20-18
WEST OAHU/ FARRINGTON HIGHWAY SEGMENT (WOFH)	12-01-09 A	01-20-15
WOFH Guideway	12-01-09 A	10-03-14
WOFH Guideway - Design & Construction	12-01-09 A	10-03-14
WOFH Stations	01-14-11 A	01-20-15
Farrington Highway Stations Group - Design	01-14-11 A	08-17-12
West Oahu Stations Group - Design	11-08-11	11-28-12
Farrington Highway Stations Group - Construction	12-18-12	01-09-15
West Oahu Stations Group - Construction	03-27-13	01-20-15
KAMEHAMEHA HIGHWAY SEGMENT (KH)	07-12-11 A	02-27-15
KH Guideway	07-12-11 A	01-08-15
KH Guideway - Design & Construction	07-12-11 A	01-08-15
KH Stations	02-07-12	02-27-15
KH Stations Group - Design	02-07-12	02-10-13
KH Stations Group - Construction	06-11-13	02-27-15
AIRPORT SEGMENT	01-28-12	07-28-17
Airport Utilities & Guideway	01-28-12	07-28-17
Airport Utilities & Guideway - Design	01-28-12	11-04-13
Airport Utilities - Construction	10-09-13	01-31-15
Airport Guideway - Construction	03-05-14	07-28-17
Airport Stations	06-07-12	01-23-17
Airport Stations Group - Design	06-07-12	05-27-13
Airport Stations Group - Construction	09-25-13	01-23-17
CITY CENTER SEGMENT (CC)	08-23-12	05-15-18
CC Utilities & Guideway	08-23-12	05-15-18
City Center Utilities & Guideway - Design	08-23-12	02-23-14
City Center Utilities - Construction	01-15-14	03-10-15
City Center Guideway - Construction	08-24-14	05-15-18
CC Stations	08-30-12	01-18-18
Dillingham Stations Group - Design	08-30-12	08-19-13
Kaka'ako Stations Group - Design	11-28-12	11-17-13
Dillingham Stations Group - Construction	12-18-13	08-08-17
Kaka'ako Stations Group - Construction	03-18-14	01-18-18
PROJECT WIDE	07-28-11 A	09-20-18
Maintenance & Storage Facility (MSF)	07-28-11 A	01-02-15
MSF - Design & Construction	07-28-11 A	01-02-15
Elevators & Escalators	03-25-12	09-24-17
Elevators and Escalators - Manufacture, Install & Test	03-25-12	09-24-17
Pearl Highlands Parking Structure & Ramps	08-25-13	03-08-17
Pearl Highlands Garage and Ramp - Design	08-25-13	12-09-14
Pearl Highlands Garage and Ramp - Construction	04-09-15	03-08-17
Core Systems	12-25-11	09-20-18
Core Systems - Design, Install & Test	12-25-11	09-20-18



MPS - DB / DBOM / etc. Contracts
MPS - Design Contracts
MPS - Construction Contracts
MPS - Key Data / Milestones

Data Date: 09-30-11
Print Date: 11-14-11
Page 1 of 1

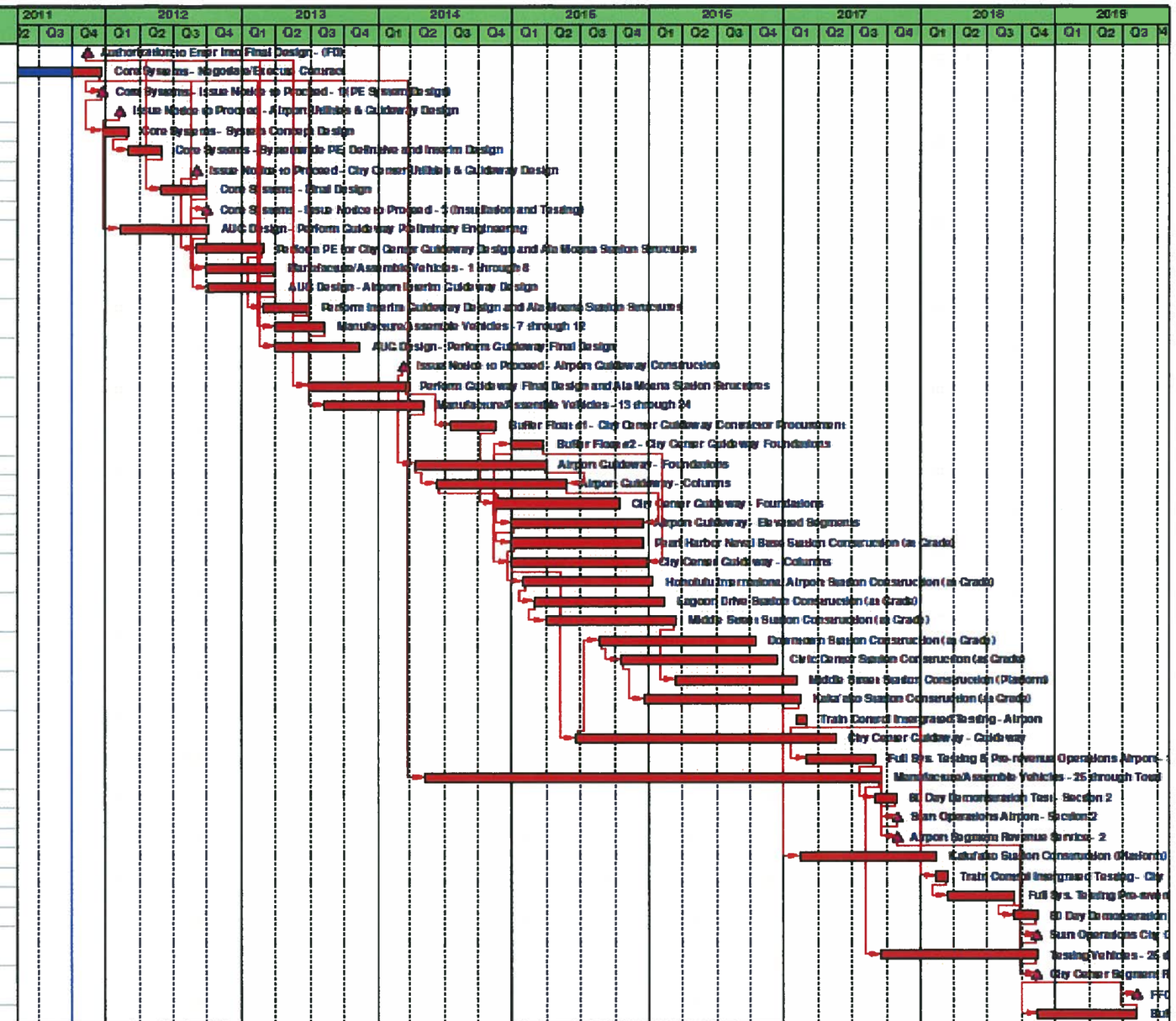
Honolulu Rail Transit Project

MPS Summary - Key Data / Design & Construction Contracts - DRAFT

HART HONOLULU AUTHORITY for RAPID TRANSPORTATION

2.2.5 Longest Path Schedule Exhibit

Activity Name	Start	Finish
Authorization to Enter Into Final Design - (FD)	11-14-11	
Core Systems - Negotiate/Execute Contract	04-05-11 A	12-19-11
Core Systems - Issue Notice to Proceed - 1 (PE System Design)	12-26-11	
Issue Notice to Proceed - Airport Utilities & Guideway Design	02-07-12	
Core Systems - System Concept Design	12-26-11	03-02-12
Core Systems - Systemwide PE, Definitive and Interim Design	03-03-12	06-31-12
Issue Notice to Proceed - City Center Utilities & Guideway Design	09-02-12	
Core Systems - Final Design	08-01-12	09-29-12
Core Systems - Issue Notice to Proceed - 3 (Installation and Testing)	09-30-12	
AUC Design - Perform Guideway Preliminary Engineering	02-07-12	10-03-12
Perform PE for City Center Guideway Design and Ala Moana Station Structures	09-02-12	03-29-13
Manufacture/Assemble Vehicles - 1 through 6	09-30-12	03-29-13
AUC Design - Airport Interim Guideway Design	10-04-12	04-01-13
Perform Interim Guideway Design and Ala Moana Station Structures	03-01-13	06-29-13
Manufacture/Assemble Vehicles - 7 through 12	03-29-13	08-10-13
AUC Design - Perform Guideway Final Design	04-02-13	11-14-13
Issue Notice to Proceed - Airport Guideway Construction	03-15-14	
Perform Guideway Final Design and Ala Moana Station Structures	08-29-13	03-20-14
Manufacture/Assemble Vehicles - 13 through 24	08-11-13	06-07-14
Buffer Float #1 - City Center Guideway Contractor Procurement	07-19-14	11-15-14
Buffer Float #2 - City Center Guideway Foundations	12-26-14	03-25-15
Airport Guideway - Foundations	06-14-14	03-29-15
Airport Guideway - Columns	08-13-14	05-29-15
City Center Guideway - Foundations	11-18-14	09-11-15
Airport Guideway - Elevated Segments	12-30-14	12-14-15
Pearl Harbor Naval Base Station Construction (at Grade)	12-30-14	12-14-15
City Center Guideway - Columns	12-26-14	12-25-15
Honolulu International Airport Station Construction (at Grade)	01-29-15	01-13-16
Lagoon Drive Station Construction (at Grade)	02-26-15	02-12-16
Middle Street Station Construction (at Grade)	03-30-15	03-13-16
Downtown Station Construction (at Grade)	08-23-15	10-15-16
Civic Center Station Construction (at Grade)	10-22-15	12-14-16
Middle Street Station Construction (Platform)	03-14-16	02-01-17
Kaka'ako Station Construction (at Grade)	12-21-15	02-12-17
Train Control Integrated Testing - Airport	02-02-17	03-03-17
City Center Guideway - Guideway	08-19-15	05-18-17
Full Sys. Testing & Pre-revenue Operations Airport - Section 2	03-04-17	08-30-17
Manufacture/Assemble Vehicles - 25 through Total	05-08-14	09-18-17
60 Day Demonstration Test - Section 2	08-31-17	10-29-17
Start Operations Airport - Section 2	10-30-17	
Airport Segment Revenue Service - 2		10-30-17*
Kaka'ako Station Construction (Platform)	02-13-17	02-12-18
Train Control Integrated Testing - City Center	02-13-18	03-14-18
Full Sys. Testing Pre-revenue Operations City Center - Section 3	03-15-18	09-10-18
60 Day Demonstration Test - Section 3	09-11-18	11-09-18
Start Operations City Center - Section 3	11-10-18	
Testing Vehicles - 25 through Total	09-19-17	11-12-18
City Center Segment Revenue Service - 3		11-12-18*
FFGA Revenue Service Date - (RSD)		08-09-19*
Buffer Float #4 - Project End Float	11-13-18	08-09-19



Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

Honolulu Rail Transit Project

Longest Path - DRAFT

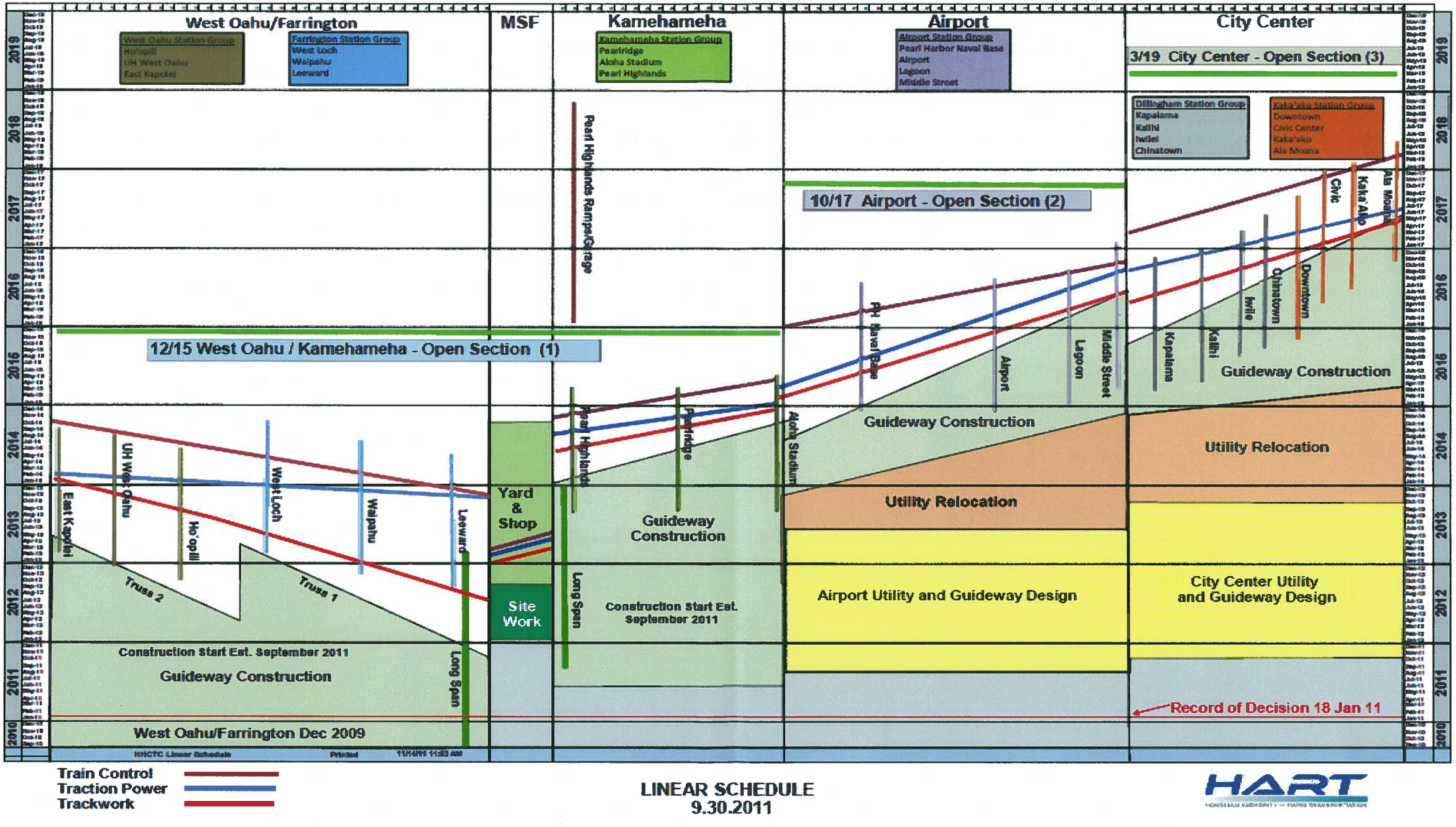
1 of 1

Date : 11-14-11

Data Date : 09-30-11

HART

2.2.6 Linear Schedule



2.3 CONTINGENCY MANAGEMENT

[Refer to "2.1.5.1 and 2.1.5.2 - Cost versus Budget Summary Status by Standard Cost Code (SCC)" on Pages 5 and 6 of this report.]

2.3.1 Current Budget

There were no change orders executed during the month and the Current Budget remains the same as the previous month.

No Changes — Total Remaining Contingency = **$861.6M**

2.3.2 Estimate at Completion

The following are the forecast changes during the month with the resulting impact to the Total Project Contingency.

Total Contingency - Balance as of Previous Period..... **$830.6M**

Cost Element - Applicable Contracts	Impact of Forecast Change +Increase/(Decrease)
• All Guideway walkway/lighting design modifications - DB-120, DB-320, DBB-460, DBB-560	($15.51)
• Net trend of Chg Order negotiations – WOFH/DB-120	+ 0.48
• Net trend of Chg Order negotiations - FSG/FD-240	+ 0.15
• Price proposal exceeds Budget - Airport GW/FD-430	+ 9.76

Net Impact of Forecast Changes..... ($ 5.13)

Net Impact on Total Contingency.....+$ 5.1M

Total Contingency - New Balance for this Period..... **$835.7M**

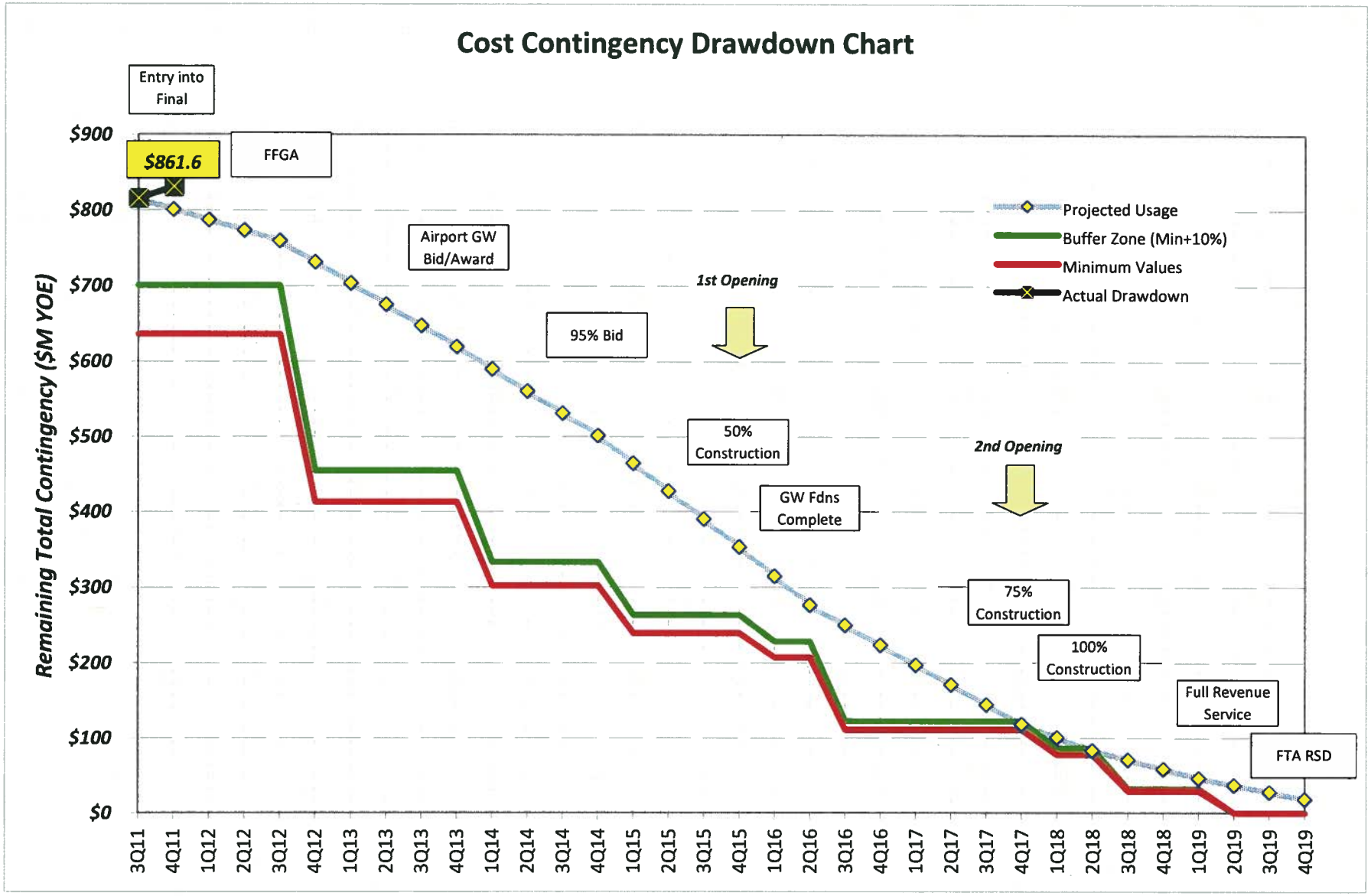
2.3.3 Contingency Drawdown Curves

As part of the process in requesting Entry into Final Design, the Project has developed proposed Cost and Schedule Contingency Drawdown curves for their Risk and Contingency Management Plan (RCMP). These curves establish minimum and "buffer zone" levels of cost and schedule contingency in accordance with FTA guidelines. Over the course of the project, if the cost or schedule contingency trends into the buffer zone (the area 10% above the minimum contingency), Project Management will immediately implement actions to maintain an appropriate level contingency at that stage of the project. For the Honolulu Rail Transit Project the FTA has identified the starting points of at least $814 million and 13 months as the Project enters into the Final Design phase.

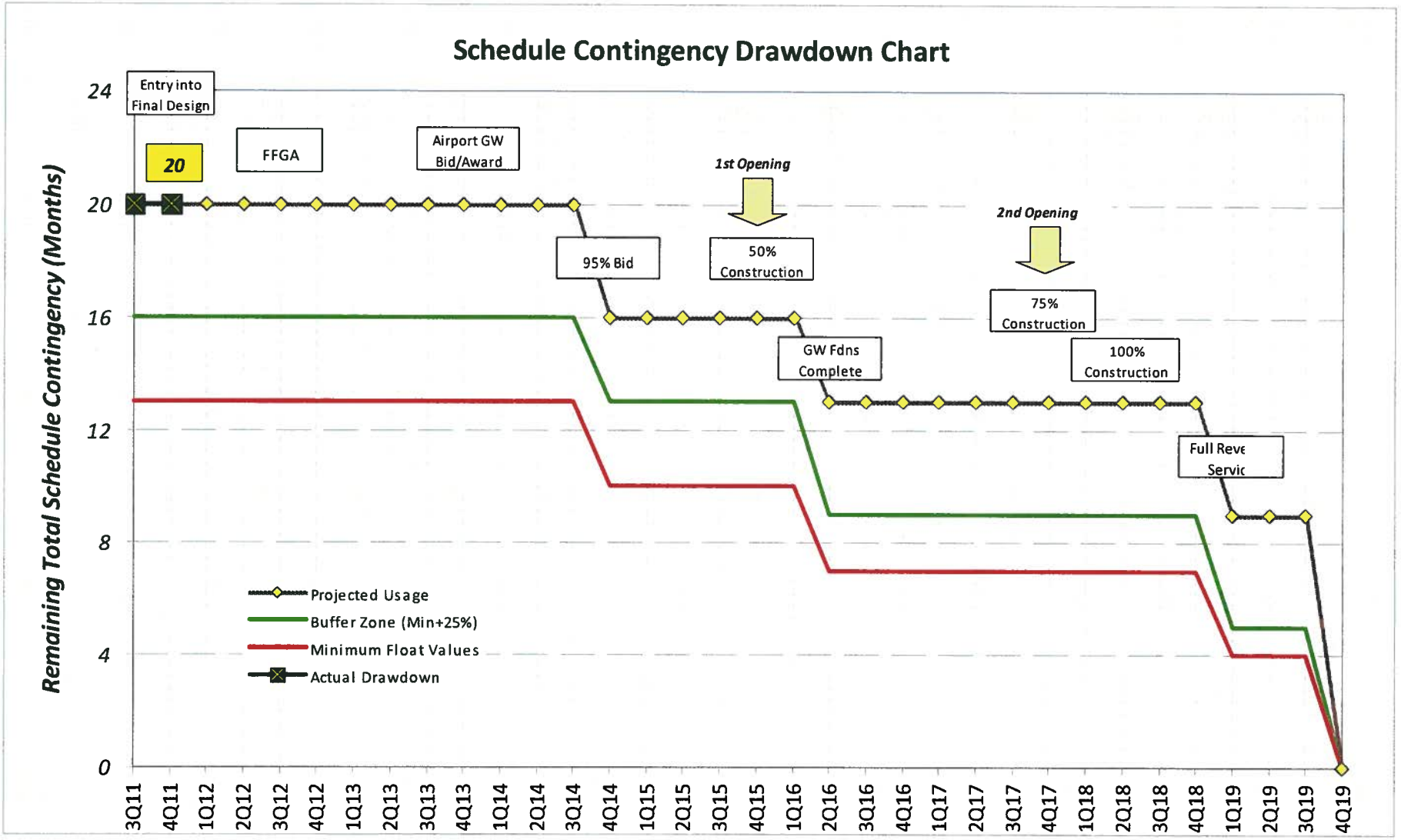
Project Contingencies	Current Minimum	Buffer Zone	Current Amount*	Variances		
				Versus Minimum	Versus Buffer Zone	From Previous Period
Cost Contingency ($M)	$814.0	$814.0	$861.6	+$47.6	+$47.6	----
Schedule Contingency (Months)	13.0	16.0	20.0	+7.0	+4.0	----

*Current Budget
& Updated MPS

2.3.3.1 Cost Contingency Drawdown Chart



2.3.3.1 Schedule Contingency Drawdown Chart



3. CONTRACT STATUS

3.1 PROCUREMENT TRACKING REPORT

3.1.1 Design-Build (DB) and Design-Build-Operate-Maintain (DBOM) Contracts

Procurement Tracking Report

Design-Build (DB), Design-Build-Operate-Maintain (DBOM) and Manufacture-Install-Test-Maintain Contracts

Contract #	Contract Name	Sched Ref*	Part 1 Issue RFP	Part 1 SOQs Due	Part 1 Select BQO	Part 2 Issue RFP	Part 2 Submit Proposals	Part 2 Execute Contract	Issue NTP 1	Issue NTP 2	Issue NTP 3	Issue NTP 4	Contract Completion	Comments
Design-Build Contracts														
DB-120	West Oahu/Farrington Highway Guideway (WOFH) *[Kiewit Infrastructure West Company (KIWC)]*	CF	*Feb 04 '09*	*Mar 13 '09*	*Mar 21 '09*	*Apr 03 '09*	*Aug 28 '09*	*Nov 01 '09*	*Dec 01 '09*	*Dec 08 '10*	*Mar 15 '11*	*Dec 01 '11*	*Oct 03 '14*	***NTP1***: Pre-PE; ***NTP1A***: Geotech (03/11/10); ***NTP1B***: Interim Design/Prelim Engrg (03/23/10); ***NTP1C***: Test Shafts (06/04/10); ***NTP2***: Utilities; ***NTP3***: Final Design; ***NTP4***: Construction
		Act	**Feb 04 '09**	**Mar 13 '09**	**Mar 21 '09**	**Apr 03 '09**	**Aug 28 '09**	**Nov 01 '09**	**Dec 01 '09**	**Dec 08 '10**	**Mar 15 '11**			
		BL	Feb 04 '09	Mar 13 '09	Mar 21 '09	Apr 03 '09	Aug 28 '09	Nov 01 '09	Dec 01 '09	Dec 08 '10	Mar 15 '11	Sep 15 '11	Oct 11 '14	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	(77)	+8	
DB-200	Maintenance & Storage Facility (MSF) *[Kiewit/Kobayashi Joint Venture (KKJV)]*	CF	*May 29 '09*	*Jul 02 '09*	*Jul 17 '09*	*Jul 24 '09*	*Feb 17 '10*	*Jun 30 '11*	*Jul 26 '11*	*Nov 15 '11*	*Dec 01 '11*	——	*Feb 17 '15*	***NTP1***: Prelim Engrg; ***NTP2***: Final Design; ***NTP3***: Construction
		Act	**May 29 '09**	**Jul 02 '09**	**Jul 17 '09**	**Jul 24 '09**	**Feb 17 '10**	**Jun 30 '11**	**Jul 25 '11**			-----		
		BL	May 29 '09	Jul 02 '09	Jul 17 '09	Jul 24 '09	Feb 17 '10	Jun 30 '11	Mar 05 '11	Sep 03 '11	Sep 15 '11	-----	May 28 '14	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	(143)	(73)	(77)	-----	(265)	
DB-320	Kamehameha Guideway (KHG) *[Kiewit Infrastructure West Company (KIWC)]*	CF	*Nov 18 '09*	*Jan 05 '10*	*Feb 15 '10*	*Mar 19 '10*	*Oct 07 '10*	*Jun 30 '11*	*Jul 12 '11*	*Nov 15 '11*	*Dec 01 '11*	——	*Feb 21 '15*	***NTP1***: Prelim Engrg; ***NTP2***: Final Design; ***NTP3***: Construction
		Act	**Nov 18 '09**	**Jan 05 '10**	**Feb 15 '10**	**Mar 19 '10**	**Oct 07 '10**	**Jun 30 '11**	**Jul 12 '11**			-----		
		BL	Nov 18 '09	Jan 05 '10	Feb 15 '10	Mar 19 '10	Oct 07 '10	Apr 19 '11	Apr 23 '11	Sep 03 '11	Sep 15 '11	-----	Sep 03 '14	
		Var	-0-	-0-	-0-	-0-	-0-	(72)	(80)	(73)	(77)	-----	(171)	
Design-Bid-Operate-Maintain Contract														
DBOM-920	Core Systems Contract *[Ansaldo Honolulu JV]*	CF	*Apr 09 '09*	*Jun 05 '09*	*Jul 15 '09*	*Aug 17 '09*	*Jun 07 '10*	*Nov 23 '11*	*Nov 30 '11*	*Jan 30 '12*	*Jul 18 '12*	——	*Feb 27 '19*	
		Act	**Apr 09 '09**	**Jun 05 '09**	**Jul 15 '09**	**Aug 17 '09**	**Jun 07 '10**					-----		
		BL	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Feb 26 '11	Mar 03 '11	Jul 12 '11	Sep 15 '11	-----	Mar 03 '19	
		Var	-0-	-0-	-0-	-0-	-0-	(270)	(272)	(202)	(307)	-----	+4	
Manufacture-Install-Test-Maintain														
MIM-930	Elevators & Escalators - Manufacture-Install-Test-Maintain	CF	*Dec 15 '11*	*Jan 14 '12*	*Jan 28 '12*	*Feb 04 '12*	*Mar 05 '12*	*Apr 04 '12*	*Apr 11 '12*				*Nov 09 '17*	
		Act												
		BL	Jul 07 '11	Sep 16 '11				Nov 02 '11	Nov 03 '11				Jun 04 '18	
		Var	(161)	(120)				(154)	(160)	-0-	-0-	-0-	+207	

[Successful Contractor]

*** Schedule Reference:**

CF = *Current Forecast*
ACT = **ACTUAL** Completed Achieved this Month
BL = Baseline Master Project Schedule **[Note: BL reflects the Contract Packaging Plan, Rev 2, Feb 24 '11.]**
Var = Variance of (Baseline Master Project Schedule) Less *(Current Forecast)*
+Ahead/(Behind)/-0- versus the BL Master Project Schedule

3.1.2 Design-Bid-Build (DBB) Contracts

Procurement Tracking Report

Design-Bid-Build (DBB) and Other Contracts

Contract #	Contract Name	Schedule Reference*	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
Design-Bid-Build Contracts								
DBB-170	West Oahu Stations Group Construction	*Forecast*	*Aug 25 '12*	*Nov 03 '12*	*Dec 23 '12*	*Dec 28 '12*	*Apr 13 '15*	
		Actual						
		Base Line	Aug 04 '12	Dec 01 '12	Dec 01 '12	Dec 02 '12	Jan 16 '15	
		Variance	(21)	+28	(22)	(26)	(87)	
DBB-270	Farrington Highway Stations Group Construction	*Forecast*	*Apr 28 '12*	*Jul 07 '12*	*Aug 25 '12*	*Aug 31 '12*	*Feb 10 '15*	
		Actual						
		Base Line	Jan 16 '12	May 14 '12	May 14 '12	Jul 17 '12	Jun 07 '14	
		Variance	(103)	(54)	(103)	(45)	(248)	
DBB-275	Pearl Highlands Parking Structure & H2 Ramps	*Forecast*	*Nov 07 '15*	*Jan 16 '16*	*Mar 05 '16*	*Mar 11 '16*	*Apr 05 '17*	
		Actual						
		Base Line	Oct 14 '15	Jan 13 '16	Jan 13 '16	Jan 14 '16	Jan 15 '18	
		Variance	(24)	(3)	(52)	(57)	+285	
DBB-370	Kamehameha Highway Stations Group Construction	*Forecast*	*Dec 31 '12*	*Mar 11 '13*	*Apr 29 '13*	*May 05 '13*	*Apr 13 '15*	Includes Pearl Highlands Station.
		Actual						
		Base Line	Nov 08 '12	Mar 07 '13	Mar 07 '13	Mar 08 '13	Mar 03 '15	
		Variance	(53)	(4)	(53)	(58)	(41)	
DBB-450	Airport Segment Utilities Relocations	*Forecast*	*Apr 20 '13*	*Jun 29 '13*	*Aug 17 '13*	*Aug 23 '13*	*Feb 28 '15*	
		Actual						
		Base Line	Nov 01 '12	Feb 01 '13	Feb 01 '13	Mar 02 '13	Sep 01 '14	
		Variance	(170)	(148)	(197)	(174)	(180)	
DBB-460	Airport Guideway Construction	*Forecast*	*Aug 28 '13*	*Nov 06 '13*	*Dec 25 '13*	*Dec 31 '13*	*Aug 23 '17*	
		Actual						
		Base Line	Mar 09 '13	Jul 06 '13	Jul 06 '13	Jul 07 '13	Oct 21 '16	
		Variance	(172)	(123)	(172)	(177)	(306)	
DBB-470	Airport Stations Group Construction	*Forecast*	*Jun 19 '13*	*Aug 13 '13*	*Oct 16 '13*	*Oct 22 '13*	*Feb 04 '17*	
		Actual						
		Base Line	Jun 21 '14	Oct 18 '14	Oct 18 '14	Oct 19 '14	Jan 26 '17	
		Variance	+367	+431	+367	+362	(9)	
DBB-550	City Center Segment Utilities Relocations	*Forecast*	*Oct 01 '13*	*Dec 10 '13*	*Jan 28 '14*	*Feb 03 '14*	*Apr 07 '15*	
		Actual						
		Base Line	Mar 01 '13	Jun 28 '13	Jun 28 '13	Jul 29 '13	May 15 '15	
		Variance	(214)	(165)	(214)	(189)	+38	

[Successful Contractor]

*** Schedule Reference:**

CF = *Current Forecast*

ACT = **ACTUAL** Completed Achieved this Month

B/L = Baseline Master Project Schedule **[Note: B/L reflects the Contract Packaging Plan, Rev 2, Feb 24 '11.]**

Variance = Variance of (Baseline Master Project Schedule) Less *(Current Forecast)*

+Ahead/(Behind)/-0- versus the B/L Master Project Schedule

Procurement Tracking Report

Design-Bid-Build (DBB) and Other Contracts

Contract #	Contract Name	Schedule Reference*	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
DBB-560	City Center Guideway and Ala Moana Station Construction	*Forecast*	*Jul 13 '14*	*Sep 21 '14*	*Nov 09 '14*	*Nov 10 '14*	*Jun 02 '18*	
		Actual						
		Base Line	Nov 21 '13	Mar 20 '14	Mar 20 '14	Apr 30 '14	Jul 03 '17	
		Variance	(234)	(185)	(234)	(194)	(334)	
DBB-570	Dillingham Stations Group Construction	*Forecast*	*May 04 '14*	*Jul 13 '14*	*Aug 31 '14*	*Sep 06 '14*	*Aug 24 '17*	
		Actual						
		Base Line	Jan 15 '15	May 14 '15	May 14 '15	May 15 '15	Sep 11 '17	
		Variance	+256	+305	+256	+251	+18	
~~DBB-572~~	~~City Center Stations Group Construction~~	~~Forecast~~						Re-Packaging of stations reduced number of DBB contracts; FD-572 eliminated.
		~~**Actual**~~						
		~~Base Line~~						
		~~Variance~~						
DBB-575	Kaka`ako Stations Group Construction	*Forecast*	*Oct 21 '14*	*Dec 30 '14*	*Feb 17 '15*	*Feb 23 '15*	*Feb 05 '18*	
		Actual						
		Base Line	Nov 28 '15	Mar 26 '16	Mar 26 '16	Mar 27 '16	Jun 04 '18	
		Variance	+403	+452	+403	+398	+119	
Other Contracts								
OF-950	Owner Furnished Plants and Shrubs	*Forecast*	*Feb 01 '14*	*Mar 01 '14*	*Jun 01 '14*	*Jul 01 '14*	*Aug 18 '18*	
		Actual						
		Base Line	Aug 15 '11	Dec 15 '11	Dec 15 '11	Jan 02 '12	Jun 04 '18	
		Variance	(901)	(807)	(899)	(911)	(75)	

[Successful Contractor]

*** Schedule Reference:**

CF = *Current Forecast*

ACT = **ACTUAL** Completed Achieved this Month

B/L = Baseline Master Project Schedule **[Note: B/L reflects the Contract Packaging Plan, Rev 2, Feb 24 '11.]**

Variance = Variance of (Baseline Master Project Schedule) Less *(Current Forecast)*

+Ahead/(Behind)/-0- versus the B/L Master Project Schedule

3.1.3 Professional Services Agreements

Procurement Tracking Report

Professional Services Agreements

Contract #	Contract Name	Sched Ref*	Issue RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
MM-900	Program Management Support Consultant *[InfraConsult LLC]*	CF	*Jul 15 '09*	*Sep 01 '09*					*Nov 19 '09*	*Dec 31 '11*	
		Act	**Jul 15 '09**	**Sep 01 '09**					**Nov 19 '09**		
		B/L	Jul 15 '09	Sep 01 '09					Nov 19 '09		
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
New Contract # Pending	Program Management Support Consultant	CF	*Aug 03 '11*	*Sep 02 '09*				*Dec 05 '11*	*Jan 02 '12*	*Nov 18 '14*	
		Act	**Aug 03 '11**	**Sep 02 '09**							
		B/L	Aug 03 '11	Sep 02 '09						Nov 18 '14	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-905	General Engineering Consultant - I (EIS/Preliminary Engrg) *[PB Americas]*	CF	*Jun 01 '07*	*Aug 24 '07*					*Oct 25 '09*	*Nov 30 '11*	
		Act	**Jun 01 '07**	**Aug 24 '07**					**Oct 25 '09**		
		B/L	Jun 01 '07	Aug 24 '07					Oct 25 '09	Feb 26 '11	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	(277)	
MM-910	General Engineering Consultant - II (Final Design & Construction) *[PB Americas]*	CF	*Sep 03 '09*	*Nov 15 '09*				*Jun 30 '11*	*Aug 02 '11*	*Jan 08 '16*	
		Act	**Sep 03 '09**	**Nov 15 '09**				**Jun 30 '11**	**Aug 02 '11**		
		B/L	Sep 03 '09	Nov 15 '09				Jun 30 '11	Feb 27 '11	Mar 03 '19	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	(156)	+1,150	
MM-915	HDOT Traffic Management Coordination Consultant	CF	*Aug 15 '11*	*Nov 15 '11*			*Dec 28 '11*	*Feb 03 '12*	*Feb 08 '12*	*Jan 08 '16*	Scope of services will be on a segment-by-segment basis.
		Act	**Aug 15 '11**								
		B/L	Mar 04 '11	Apr 04 '11				Jul 06 '11	Jul 07 '11	Jan 03 '15	
		Var	(164)	(225)	-0-	-0-	-0-	(212)	(216)	(370)	
MM-920	HDOT Design Coordination Consultant - WOFH Segment *[AECOM]*	CF						*Jun 07 '11*	*Jun 08 '11*	*Jan 08 '16*	Scope of services will be on a segment-by-segment basis.
		Act						**Jun 07 '11**	**Jun 08 '11**		
		B/L						Jun 07 '11	Jul 07 '11	Mar 14 '15	
		Var						-0-	+29	(300)	
MM-925	HDOT Coordination Consultant Oversight	CF							*Apr 28 '11*	*Jan 08 '16*	
		Act							**Apr 28 '11**		
		B/L							Apr 28 '11	Mar 14 '15	
		Var							-0-	(300)	
MM-930	HDOT State Oversight Agency (SOA) Consultant	CF	*Nov 15 '11*	*Dec 16 '11*	*Jan 16 '12*	*N/A*	*Feb 03 '12*	*Feb 29 '12*	*Feb 29 '12*	*Mar 08 '19*	
		Act									
		B/L	Apr 13 '11				May 13 '11		Jul 30 '11	Mar 03 '19	
		Var	(216)				(266)		(214)	(5)	
MM-935	Real Estate Consultant	CF	*Apr 01 '11*				*Sep 08 '11*	*Dec 18 '11*	*Dec 18 '11*	*Jan 08 '16*	
		Act	**Apr 01 '11**				**Sep 08 '11**				
		B/L	Feb 17 '11				May 05 '11		May 06 '11	Feb 14 '14	
		Var	(43)				(126)		(226)	(693)	
MM-940	Kako'o Consultant	CF	*May 20 '11*	*Jun 20 '11*			*Sep 09 '11*	*Nov 11 '11*	*Nov 30 '11*	*Mar 03 '19*	
		Act	**May 20 '11**	**Jun 20 '11**			**Sep 09 '11**				
		B/L	Jul 18 '11				Sep 02 '11		Oct 03 '11	Mar 03 '19	
		Var	+59	-0-	-0-	-0-	(7)		(58)	-0-	

[Successful Contractor]

*** Schedule Reference:**

CF = *Current Forecast*
ACT = **ACTUAL** Completed Achieved this Month
B/L = Baseline Master Project Schedule **[Note: B/L reflects the Contract Packaging Plan, Rev 2, Feb 24 '11.]**
Variance = Variance of (Baseline Master Project Schedule) Less *(Current Forecast)*
+Ahead/(Behind)/-0- versus the B/L Master Project Schedule

Procurement Tracking Report

Professional Services Agreements

Contract #	Contract Name	Sched Ref*	Issue RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
Final Design Agreements											
FD-140	West Oahu Stations Group Final Design	CF	Jan 14 '10				May 27 '11	Dec 22 '11	Jan 11 '12	Apr 23 '13	***NTP1***: Prelim Engrg ***NTP2***: Final Design
		Act	Jan 14 '10				May 27 '11				
		B/L	Jan 15 '10				Feb 11 '11	Mar 13 '11	Jul 10 '11	Aug 03 '12	
		Var	+1	-0-	-0-	-0-	(105)	(284)	(185)	(263)	
FD-240	Farrington Highway Stations Final Design *[HDR, Inc.]*	CF	Sep 02 '10	Nov 19 '09			Feb 15 '10	Apr 15 '10	Jan 14 '11	Sep 08 '12	***NTP1***: Prelim Engrg ***NTP2***: Final Design
		Act	Sep 02 '10	Nov 19 '09			Feb 15 '10	Apr 15 '10	Jan 14 '11		
		B/L	Sep 02 '10	Nov 19 '09			Feb 15 '10	Apr 15 '10	Jan 14 '11	Jan 15 '12	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	(237)	
FD-245	Pearl Highlands Parking Structure & H2 Ramps Final Design	CF	Oct 26 '13	Dec 25 '13	Jan 23 '14	Feb 08 '14	Mar 10 '14	Jun 22 '14	Jul 22 '14	Jan 07 '15	Includes Final Design for Bus Terminal.
		Act									
		B/L	Oct 17 '13				Dec 15 '13	May 01 '14	May 01 '14	Aug 14 '15	
		Var	(9)				(85)	(52)	(82)	+219	
FD-340	Kamehameha Highway Stations Group Final Design	CF	Jun 28 '11	Aug 04 '11	Sep 28 '11	Nov 22 '11	Dec 22 '11	Feb 03 '12	Feb 17 '12	Jul 08 '13	Includes Final Design for Aloha Stadium; Pearlridge; and Pearl Highlands Stations.
		Act	Jun 28 '11	Aug 04 '11	Sep 28 '11						
		B/L	Feb 28 '11				Jun 30 '11	Oct 01 '11	Oct 02 '11	Nov 07 '12	
		Var	(120)				(175)	(125)	(138)	(243)	
FD-430	Airport Segment Utilities Relocation & Guideway - Final Design	CF	Jan 26 '11	Mar 14 '11	Apr 09 '11	Jun 09 '11	Sep 20 '11	Dec 15 '11	Jan 15 '12	Dec 02 '13	
		Act	Jan 26 '11	Mar 14 '11			Sep 20 '11				
		B/L	Jan 27 '11	Mar 15 '11				Jul 31 '11	Aug 01 '11	Mar 08 '13	
		Var	+1	+1	-0-	-0-	-0-	(137)	(167)	(269)	
FD-440	Airport Stations Group Final Design	CF	Jan 15 '12	Feb 29 '12	May 19 '12	Jun 18 '12	Jul 18 '12	Sep 16 '12	Sep 30 '12	Oct 22 '13	Re-Packaged group includes: Pearl Harbor Naval Base; Honolulu Int'l Airport; Lagoon Drive; and Middle Street Stations.
		Act									
		B/L	Oct 22 '12				Dec 20 '12	Mar 20 '13	Mar 21 '13	Jun 20 '14	
		Var	+281				+155	+185	+172	+241	
FD-530	City Center Utilities Relocation, Guideway & Ala Moana Station Final Design	CF	Jan 02 '11	Feb 16 '11	May 07 '11	Jun 06 '11	Jul 06 '11	Sep 04 '11	Sep 18 '11	Mar 23 '14	Allowance of two weeks from Airport GW contract execution to City Center GW RFQ to debrief potential FD proposers.
		Act									
		B/L	Jul 01 '11				Aug 31 '11	Dec 06 '11	Dec 06 '11	Nov 20 '13	
		Var	+180				+56	+93	+79	(123)	
FD-540	Dillingham Stations Group Final Design	CF	Nov 05 '12	Dec 15 '12	Jan 03 '13	Feb 03 '13	Mar 05 '13	May 13 '13	May 14 '13	May 03 '14	Re-Packaged group includes: Kalihi; Kapalama; Iwilei; and Chinatown Stations.
		Act									
		B/L	May 20 '13				Jul 18 '13	Oct 16 '13	Oct 17 '13	Jan 14 '15	
		Var	+196				+135	+156	+156	+256	
~~FD-542~~	~~City Center Stations Group Final Design~~	~~CF~~									Re-Packaging of stations reduced number of FD contracts; FD-542 eliminated.
		~~Act~~									
		~~B/L~~									
		~~Var~~									
FD-545	Kaka'ako Stations Group Final Design	CF	Apr 19 '13	May 29 '13	Jun 17 '13	Jul 18 '13	Aug 17 '13	Oct 25 '13	Oct 31 '13	Dec 15 '13	Includes: Downtown; Civic Center; and Kaka'ako Stations; and Station Finishes for Ala Moana Station.
		Act									
		B/L	Mar 31 '14				May 29 '14	Aug 27 '14	Aug 28 '14	Nov 27 '15	
		Var	+346				+285	+306	+301	+712	

[Successful Contractor]

*** Schedule Reference:**

CF = *Current Forecast*
ACT = **ACTUAL** Completed Achieved this Month
B/L = Baseline Master Project Schedule **[Note: B/L reflects the Contract Packaging Plan, Rev 2, Feb 24 '11.]**
Variance = Variance of (Baseline Master Project Schedule) Less *(Current Forecast)*
+Ahead/(Behind)/-0- versus the B/L Master Project Schedule

Procurement Tracking Report

Professional Services Agreements

Contract #	Contract Name	Sched Ref*	Advertise RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
Construction Engineering & Inspection Agreements											
MM-180	West Oahu/Farrington Highway Stations CE&I	CF	Jan 18 '12	Feb 17 '12	Mar 03 '12	Apr 02 '12	May 02 '12	Jun 01 '12	Jul 01 '12	May 13 '15	
		Act									
		B/L	Aug 04 '12				Oct 04 '12		Nov 02 '12	Jan 15 '15	
		Var	+199				+155		+124	(118)	
MM-380	Pearl Highlands & Kamehameha Highway Stations CE&I	CF	Jan 17 '13	Feb 16 '13	Mar 03 '13	Apr 02 '13	May 02 '13	Jun 01 '13	Jul 01 '13	May 13 '15	
		Act									
		B/L	Dec 08 '12				Jan 15 '13		Mar 08 '13	Mar 03 '15	
		Var	(40)				(107)		(115)	(71)	
MM-385	Pearl Highlands Parking Structure & H2 Ramps CE&I	CF	Apr 19 '15	May 19 '15	Jun 03 '15	Jul 03 '15	Aug 02 '15	Sep 01 '15	Oct 01 '15	May 05 '17	
		Act									
		B/L	Oct 14 '15				Dec 15 '15		Jan 14 '16	Jan 15 '18	
		Var	+178				+135		+105	+255	
MM-480	Airport Segment Utilities & Guideway CE&I	CF	Jul 23 '12	Aug 22 '12	Sep 06 '12	Oct 06 '12	Nov 05 '12	Dec 05 '12	Jan 04 '13	Sep 22 '17	
		Act									
		B/L	Apr 16 '13				May 16 '13		Jul 16 '13	Oct 20 '16	
		Var	+267				+192		+193	(337)	
MM-485	Airport Stations CE&I	CF	Apr 19 '14	May 19 '14	Jun 03 '14	Jul 03 '14	Aug 02 '14	Sep 01 '14	Oct 01 '14	Mar 06 '17	
		Act									
		B/L	Jul 21 '14				Sep 01 '14		Oct 19 '14	Apr 05 '17	
		Var	+93				+30		+18	+30	
MM-580	City Center Utilities & Guideway CE&I	CF	Jan 17 '13	Feb 16 '13	Mar 03 '13	Apr 02 '13	May 02 '13	Jun 01 '13	Jul 01 '13	Jul 02 '18	
		Act									
		B/L	Mar 01 '13				Jun 28 '13		Jul 29 '13	Jul 02 '17	
		Var	+43				+57		+28	(365)	
MM-585	Dillingham & Kaka'ako Stations CE&I	CF	Apr 19 '15	May 19 '15	Jun 03 '15	Jul 03 '15	Aug 02 '15	Sep 01 '15	Oct 01 '15	Sep 23 '17	
		Act									
		B/L	Jan 15 '15				Mar 15 '15		May 15 '15	Jun 04 '18	
		Var	(94)				(140)		(139)	+254	
Other Agreements											
MM-945	On-Call Contractor	CF	Sep 22 '12	Oct 22 '12	Nov 06 '12	Dec 06 '12	Jan 05 '13	Feb 04 '13	Mar 06 '13	Mar 03 '19	This is actually a solicitation for a general contractor to perform construction services scope outside the major construction contracts on an as-needed basis.
		Act									
		B/L	Sep 22 '11				Nov 10 '11		Oct 03 '11	Mar 03 '19	
		Var	(366)				(422)		(520)	-0-	
MM-950	Owner Controlled Insurance Program (OCIP) Consultant	CF	Jan 31 '12	Mar 01 '12	Mar 16 '12	Mar 01 '12	Mar 31 '12	Apr 30 '12	May 30 '12	Mar 03 '19	Being issued as a Request for Proposal (RFP).
		Act									
		B/L	May 22 '11				Jul 15 '11		Sep 23 '11	Mar 03 '19	
		Var	(254)				(260)		(250)	-0-	

[Successful Contractor]

*** Schedule Reference:**

CF = *Current Forecast*
ACT = **ACTUAL** Completed Achieved this Month
B/L = Baseline Master Project Schedule **[Note: B/L reflects the Contract Packaging Plan, Rev 2, Feb 24 '11.]**
Variance = Variance of (Baseline Master Project Schedule) Less *(Current Forecast)*
+Ahead/(Behind)/-0- versus the B/L Master Project Schedule

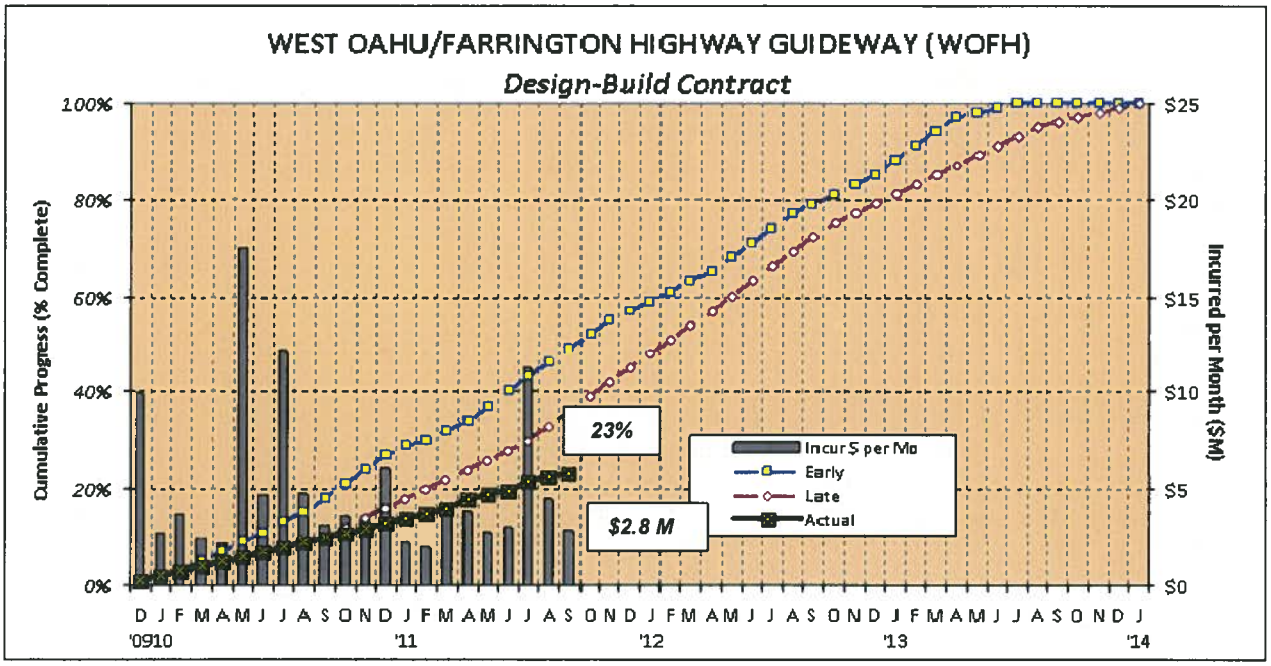
3.2 DESIGN-BUILD (DB) CONTRACTS

Contract DB-120: West Oahu/Farrington Highway Guideway (WOFH)
DB Contractor: Kiewit Infrastructure West Company (KIWC)

Committed: $486,919,230	Incurred: $113,195,386 (23.2%)
Authorized: $168,876,620 (34.7%)	Contract Completion: Oct 03 '14

- **Activities this month**
  - KIWC continued with final design activities in accordance with Notice to Proceed #3 (NTP#3), as authorized under LONP1 in June.
  - Overall design is approximately 90% complete. A total of 198 contract submittals have been received with 11 currently under review.
  - Geotechnical investigations are 88% complete with 282 borings completed.
  - The contractor is evaluating construction of another load test shaft in the Banana Patch area.
  - Tree removals are 42% complete with 153 trees trimmed, relocated or removed for repurposing or with no salvage.
  - Utility relocation on the 6-inch gas line in Farrington Highway was completed. Work has begun on the waterline relocation along Kualaka'i Parkway.
  - 197 Contractor Requests for Information (RFIs) have been received with 4 open/under review.
  - HART informed KIWC of a new target date for NTP#4 of mid-January 2012. KIWC had assumed a November 1, 2011 NTP#4 date for the purpose of updating their monthly schedules.
  - The Contractor has submitted 92 Requests for Change (RFCs) for HART review:
    - 9 notices for information only;
    - 22 denied or considered closed;
    - 45 are under review or negotiation;
    - 11 change orders have been executed; and
    - 5 are being processed for change order.
  - HART has submitted 33 RFCs to the Contractor:
    - 7 are awaiting Contractor estimates;
    - 10 are being reviewed or in negotiations;
    - 5 are being tracked on Force Account
    - 7 change orders have been executed; and
    - 4 are being processed for change order.

- **Progress Graphic (on following page)**



Contract DB-200: Maintenance and Storage Facility (MSF)

DB Contractor: Kiewit/Kobayashi Joint Venture (KKJV)

Committed: $195,258,000 Incurred: -0-

Authorized: $ 16,886,751 (8.6%) Contract Completion: Feb 17 '15

- **Activities this month**
  - KKJV continued with preliminary engineering activities in accordance with NTP#1.
  - Geotechnical investigations have begun.
  - KKJV has resubmitted their baseline schedule for review. HART informed KKJV of new target dates for planning purposes for NTP#2 and NTP#3 of mid-December 2011 and mid-January 2012, respectively.
  - A total of 23 contract submittals have been received with 16 currently under review.
  - HART continued discussions with KKJV on the yard reconfiguration, including their requested review of a previously-submitted-but-unapproved Alternate Technical Concept (ATC) for the yard layout.
  - 27 RFIs have been received and 7 are under review.
  - The Contractor has submitted 9 Requests for Change (RFCs) for HART review:
    - 8 are under review;
    - 1 closed
  - HART has submitted 9 RFCs to the Contractor:
    - 8 are under review;
    - 1 is being processed
- **Look Ahead**
  - Geotechnical investigations are planned to commence in October.

Contract DB-320: Kamehameha Highway Guideway (KHG)
DB Contractor: Kiewit Infrastructure West Company (KIWC)
Committed: $372,150,000 Incurred: -0-
Authorized: $101,917,243 (27.4%) Contract Completion: Feb 21 '15

- **Activities this month**
  - KIWC continued with preliminary engineering activities in accordance with NTP#1.
  - KIWC has begun tenant improvements in the Waipahu Hub Office; expected completion and move-in of HART/GEC field staff is January 2012.
  - HART has accepted KIWC's baseline schedule. HART informed KKJV of new target dates for planning purposes for NTP#2 and NTP#3 of mid-December 2011 and mid-January 2012, respectively.
  - KIWC continued with potholing for existing utilities and began geotechnical borings.
  - A total of 56 contract submittals have been received and 8 are currently under review.
  - 37 RFIs have been received with 3 open/under review.
  - The Contractor has submitted 9 Requests for Change (RFCs) for HART review:
    - 7 are under review or in negotiations;
    - 2 denied and considered closed
  - HART has submitted 0 RFCs to the Contractor.
- **Look Ahead**
  - Geotechnical investigations are planned to commence in October.

3.3 DESIGN-BUILD-OPERATE-MAINTAIN (DBOM) CONTRACT

Contract DBOM-920: Core Systems
DBOM Contractor: Pending

- **Activities this month**
  - The Core Systems DBOM Contract (CSC) was transmitted to Ansaldo for signatures and was returned to the City on October 25. The execution of the contract by the City is subject to their final review.
  - It is anticipated to issue NTP1 to Ansaldo by the end of November 2011.
  - Preliminary technical discussion is planned with Ansaldo in the middle of November.
  - Ansaldo's schedule of milestones is being reviewed and adjustments have been incorporated for the contract start date slippage to analyze the cash flow needs.
  - HART project systems staff attended Training on Management of Transit Construction Projects.
  - Continued with mechanical engineering support for CSC.
  - Continued review of MSF design and storage track capacity.
  - Reviewed and commented on Fare Collection Study Task 4 draft.
  - Supported final efforts on Buy America Pre-award Audit including trip to Traction Motor shop (Plattsburgh, NY) to verify domestic content.
  - Updated the training matrix for the HART Core and Systems Engineering Group to track training on in-house procedures.

3.4 DESIGN-BID-BUILD CONTRACTS *(none yet awarded) – "Activities this month" relate to HART, GEC and Final Design Consultant activities for the subject DBB Construction Contracts.*

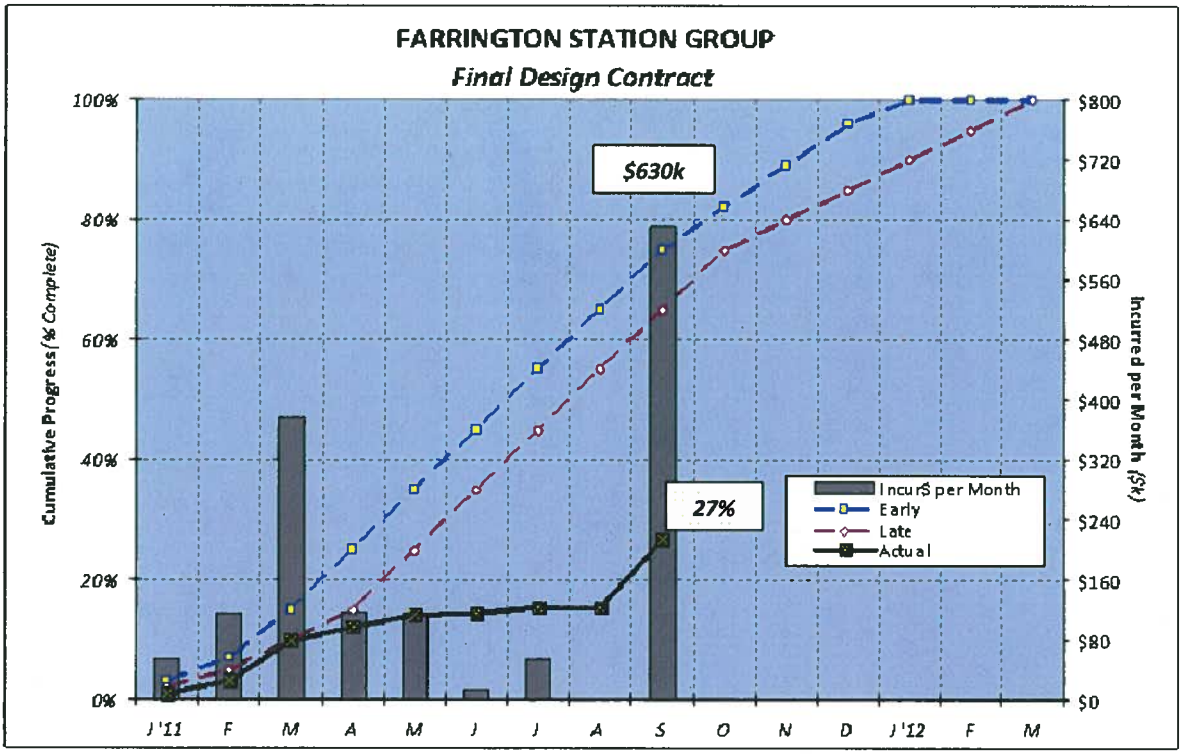
Stations Contracts

Contract DBB-270: Farrington Highway Stations Group (FHSG)

Contract FD-240: HDR, Inc., Final Design Consultant (Engineer of Record)

Committed: $5,500,696
Authorized: $4,380,136 (79.6%)
Incurred: $1,471,894 (15.3%)
Contract Completion: Sept 08 '12

- **Activities this month**
  - The scope of NTP#1b was completed.
  - NTP#2 Interim Design issued for West Loch, Waipahu Transit Center and Leeward Community College (LeeCC) stations, and in-progress.
  - 45 RFIs submitted to date – 43 closed, 2 open/under review.
  - 19 RFCs in process
- **Look Ahead**
  - Test borings on-going for West Loch, Waipahu TC completed, and LCC pending Right of Entry.
  - Station cost estimates being validated; meeting scheduled for November 14, 2011.
  - Re-assess progress and develop recovery plan. (Current progress is understated due to lag in approved payments, for catch-up prior to NTP#3.)



Contract DBB-170: West Oahu Station Group

Contract FD-140: Selection pending of Final Design Consultant (Engineer of Record)

- **Activities this month**
  - Due to necessary station modifications, negotiations have been re-opened, which will delay the contract execution.
- **Look Ahead**
  - Execution of the contract and NTP are pending the renegotiations.

Contract DBB-170: Kamehameha Highway Station Group (KHSG)

Contract FD-340: Negotiations pending of Final Design Consultant (Engineer of Record)

- **Activities this month**
  - Negotiations are in progress.
- **Look Ahead**
  - Execution of the contract and NTP are pending the renegotiations.

Guideway and Utility Contracts

Contract DBB-450: Airport Segment Utilities Relocation

Contract DBB-460: Airport Segment Guideway

Contract FD-430: Selection pending of Final Design Consultant (Engineer of Record) for both the Utilities and Guideway

- **Activities this month**
  - Finalization of contract.
- **Look Ahead**
  - Execution of the contract, followed by Notice to Proceed.

3.5 OTHER CONTRACTS and AGREEMENTS

Utilities

- **Activities this month**
  - Agreement was reached with AT&T on terms and conditions for the Utility Construction Agreement (UCA) for the WOFH segment. Execution of UCAs with Pacific Lightnet Inc. (PLNI) and Oceanic Time Warner (OWTC) are imminent. Response from Sandwich Isle Communications (SIC) has been received and agreement language specifics continue.
  - Discussions are continuing with Hawaiian Electric Company (HECO) to resolve outstanding issues on the UCA for the WOFH segment. The final UCA is projected for December.
  - Engineering Services Agreements (ESAs) with the various utilities along the KHG segment are nearing closure. Agreement was reached on terms and conditions with Chevron, PLNI and OWTC, with agreement on ESAs for AT&T and SIC imminent.

Utility Agreements Status Matrix

Utility Owner	WOFH		KHG	
	ESA	UCA	ESA	UCA
AT&T	Executed May 11 '11 NTP May 12 '11	Reached agreement on T&C of UCA in Oct '11	Received comments from Utility in Oct '11	
Chevron	Executed Dec 04 '09 NTP Dec 22 '09		In Execution Queue	
Hawaiian Telcom (HT)	Executed May 20 '10 NTP June 14 '10	Will reformat to follow HECO model	HART version sent Aug 9 '11	
HECO	By Agreement with PB	Continuing discussions with HECO to progress UCA, Letter of Agreement	Awaiting comments from Utility	
Oceanic Time Warner	Executed Dec 08 '09 NTP Dec 22 '09	In Execution Queue	In Execution Queue	
Pacific Lightnet (PLN)	Executed Apr 28 '10 NTP Apr 29 '10	In Execution Queue	In Execution Queue	
Sandwich Isle Communications	Executed May 20 '10 NTP June 08 '10	Received comments from Utility in Oct '11	Received comments from Utility in Oct '11	
The Gas Company	Executed Dec 18 '09 NTP Dec 22 '09	Executed June 30 '11	Sent HART semi-final version in Sept '11	
TW Telecom	Executed Dec 02 '09 NTP Dec 22 '09		Sent final version for approval in Oct '11	
Tesoro			Sent HART semi-final version in Sept '11	

Legend: = Action this month; = Not applicable

ESA = Engineering Services Agreement

UCA = Utility Construction Agreement

HDOT Agreements

- **Activities this month**
  - The HDOT Design Coordination Consultant continues reviewing design submittals on HDOT's behalf.
  - HDOT Traffic Management Coordination Consultant is in procurement and selection is anticipated in November.
  - The Federal Highway Administration (FHWA) informed HDOT that they will approve HART's request for the Project to occupy the federal aid highways such as Farrington, Kamehameha, and Nimitz Highways. Formal approval letter from FHWA is pending.
  - West Oahu/Farrington Highway Guideway (WOFH)
    - The WOFH Joint Use and Occupancy Agreement is pending formal FHWA approval letter and resolution of HDOT's concerns regarding assignment of project from City and County of Honolulu to HART.
  - Kamehameha Highway Guideway (KHG)
    - HDOT is reviewing the KHG Master Agreement with the Attorney General's Office.
    - HDOT issued permits for Kiewit to perform potholing for existing utilities.
  - APEC Conference
    - HDOT issued memo limiting work on the roadways during the first three weeks of November due to security concerns and unavailability of off-duty police.
- **Look Ahead**
  - Execution of WOFH Joint Use and Occupancy Agreement.
  - Execution of the KHG Master Agreement.

Other Design Activities

- **Activities this month**
  - Design Activities
    - Continued supporting WOFH, FHS, KHG, and MSF contracts on submittal reviews, responses to RFIs and RFCs
    - Continued developing elevator/escalator procurement contract documents
    - Completed Pearl Highlands concept revision package
    - Held System-wide Elements and Signage Design workshop
    - Finalizing Platform Screen Gate study
    - Developed cost reduction concepts for West Oahu Station Group stations
    - Developed Division 1 Standard Specifications for Design-Bid-Build contracts
  - Interface Activities
    - HART-GEC developed Final Rev. 0 Acceptance Flow Chart. This requires the Design Contractors to submit completed Interface Control Document (ICDs) signed by Interfacing Contractors to indicate that Final Design Contractor's Rev. Alpha is compatible with the Interfacing Contractor's needs.
    - Activated Interface Definition Meetings (IDMs) for CSC-MSF
    - Activated IDMs for CSC-FHSG
    - Activated IDMs for CSC-KHG
    - HART is interfacing with adjoining Contractors on behalf of CSC, WOSG, and KHSG in their absence

- RFID Log:
  CSC-FHSG: 2 total, 2 open
  CSC-KHG: 2 total, 0 open
  CSC-MSF: 23 total, 17 open
  CSC-WOFH: 15 total, 13 open
  KHG-KHSG: 11 total, 0 open
  MSF-KHG: 2 total, 2 open
  MSF-WOFH: 3 total, 3 open
  WOFH-FHSG: 53 total, 18 open
  WOFH-WOSG: 2 total, 0 open

- Meetings:
  Facilitated 1 IDMs with CSC-FHSG
  Facilitated 3 IDMs with CSC-KHG
  Facilitated 3 IDMs with CSC-MSF
  Facilitated 3 IDMs with CSC-WOFH
  Facilitated 2 IDMs with KHG-KHSG
  Facilitated 2 IDMs with WOFH-FHSG
  Facilitated 2 IDMs with WOFH-KHSG
  Facilitated 2 IDMs with WOFH-WOSG

4. GROUP REPORTS

4.1 SAFETY and SECURITY

- **Activities this month**
  - Held Fire/Life Safety Working Group meeting #006 on October 20. Discussed upcoming traffic lane closures due to the APEC meetings.
  - Ongoing Safety and Security Certification Working Group meetings held weekly.
  - Reviewing WOFH Conformance Checklists submitted by Kiewit.
  - Submitted KHG and MSF Conformance Checklists to Contractors.
  - Developing Conformance Checklists for Station design contracts.
  - Developing HDOT SOA consultant procurement contract documents and scope of work.
  - Ongoing Construction Safety and Security Task Force meetings held bi-weekly with Kiewit.
  - Ongoing surveillance of Kiewit work site operations and reviewing Job Hazard Analyses.
  - Developing emergency response plan for Ali'i Place Project Office.
  - Ongoing Construction Safety and Environmental Training. Over 300 Project staff and stakeholders trained to date.
  - Revising SSMP, SSCP, and CSSP for FFGA submission.
- **Look Ahead**
  - Attend 15th Annual FTA SSO Program Meeting November 1-3, 2011.
  - Support GEC development of an internet-based safety management system for construction and safety and security certification.
  - Hold Safety and Security Review Committee Meeting #019. Will discuss comments to WOFH Safety and Security Certifiable Items List.
  - Initiate Construction Safety and Security and Safety and Security Certification task force meetings for MSF.
  - Further develop system security and policing strategy with support from HPD and information gathered from peer agencies.
  - Complete procurement documents for the HDOT SOA Program Consultant contract.
  - TSI Courses for 2012: Rail System Safety (February 13-17) and Transit System Security (April 6-10).

Construction Safety Monitoring

Contract	No. of OSHA Recordable Incidents	No. of Observations			Comments
		Positive	Action Required	Open	
WOFH	1	20	30	0	Mass Safety Meeting Aug 01.
MSF	0	3	7	0	----
KHG	0	0	0	0	Pre-Construction Meeting Aug 29.

- **Look Ahead**
  - WOFH Mass Safety Meeting scheduled for November 7.

4.2 QUALITY MANAGEMENT

- **Activities this month**
  - Conducted weekly meeting with GEC QA Staff to discuss overall Project QA/QC issues with consultants, contractors and internal staff.
  - Completed the scheduled classroom training of HART staff to assure that the project participants are familiar with the approved plans and procedures. Updated the HART Training Matrix.
  - Hosted and participated in two (2) NTI Courses: Construction Management and FTA QA/QC Guidelines.
  - Contract-Specific Activities this month:
    - GEC II: Approved PB QAP (Revision 0) and Implementing Procedures. Training of GEC staff on the approved QAP and IP(s) started. A Senior Quality Assurance Engineer started work on October 11. Continue recruiting for a Construction Quality Assurance Manager (CQAM). The GEC Internal QA Audit is being conducted October 31 through November 1.
    - WOFH Guideway: Bi-weekly QA Task Force meetings were held with the QA Team to discuss the status of design activities, filed work, NCR(s) and quality compliance and improvements. To date, 37 NCR(s) have been issued: 29 by KIWC (2 open) and 8 by HART/GEC (all closed). The HART/GEC QA Audit of the WOFH Contract was held on: October 5-6 – KIWC, HI and October 10-12 – HNTB/FIGG, FL; no Non-conformances, four (4) Positive Findings and four (4) Observations were found. KIWC QMP and its implementation passed the ISO 9001-2000 registration requirements and a Certificate of Compliance were issued on October 5.
    - MSF: Kiewit Kobayashi Joint Venture (KKJV) QAP and DQAP were approved by HART on October 4. Preparation of the CQAP is in progress. Started bi-weekly QA Task Force meeting with KKJV QA Team to discuss status of the submittals, design activities and field activities.
    - KHG: The KIWC is in the process of implementing the HART-approved QAP, DQAP and CQAP. The KIWC KHG QAP also passed the ISO 9001-2008 requirements.
    - Core System: No QA/QC activities this reporting period.
    - FHSG: Continue participating in weekly coordination meetings. HDR continues to work in accordance with the HART/GEC-approved QAP. Performed QA Surveillance of HDR and a sub-consultant (Urban Works) in Honolulu; three (3) Observations were found.

- **Look Ahead**
  - Continue mentoring and training personnel on approved Project Plans and procedures.
  - Continue HART/GEC QA/QC and Environmental Compliance oversight of the WOFH, KHG and MSF contracts.
  - Perform scheduled QA Audits (FHSG - HDR, NYC on November 10-11 and GEC II - PB, HNL on November 30 through December 2) and Surveillances.
  - Assist in the quality review of other RFQ(s).

4.3 RIGHT-OF-WAY

- **Activities this month**
  - Appraisals:
    - Appraisal reviews initiated in TMK 9-8-009:017 for Pearl Ridge Station and 1-2-010:068 and 1-2-009:001 within the City Center section.
    - Initiated appraisal update for TMK 9-7-022:021, a partial take within Kamehameha section.

- Revised requirements for TMK 9-4-047:008, a partial take for West Loch Station, was submitted and the appraisal update initiated.

- Acquisitions:
  - Offers made for 1 partial take (TMK 1-7-002:026), and 3 full takes (TMK 1-5-007:021, TMK 2-3-004:069 and TMK 2-3-004:048) within the City Center section.
  - FTA concurrence sought for administrative settlement of TMK 9-4-019:050 for Waipahu Station.
  - Currently HART is $4,592,687 under budget for the acquisition of the 13 properties that HART now holds title to. There are 8 properties within the Banana Patch, 2 at West Loch station, 1 at Waipahu Station, 1 in Kamehameha Section and 1 at Iwilei Station.
- Relocations:
  - Relocation complete for TMK 9-4-017:011 at Waipahu Station and site made available to contractor.

	Original # Parcels in FEIS	Current # Parcels Needed	Appraisals In Process	Appraisals Complete	Offers	Acceptance	Relocation Complete	Ready for Construction
FULL ACQUISITION								
Total	**40**	**40**	**3**	**20**	**19**	**14**	**6**	**5**
Section 1	*14*	*14*	*0*	*14*	*13*	*12*	*3*	*3*
Section 2	*5*	*5*	*1*	*2*	*2*	*1*	*0*	*1*
Section 3	*5*	*5*	*0*	*0*	*0*	*0*	*0*	*0*
Section 4	*16*	*16*	*2*	*4*	*4*	*1*	*3*	*1*
PARTIAL ACQUISITION								
Total	**163**	**139**	**1**	**5**	**5**	**0**	**0**	**3**
Section 1	*18*	*13*	*0*	*1*	*1*	*0*	*0*	*2*
Section 2	*21*	*5*	*0*	*3*	*3*	*0*	*0*	*0*
Section 3	*31*	*31*	*0*	*0*	*0*	*0*	*0*	*1*
Section 4	*93*	*90*	*1*	*1*	*1*	*0*	*0*	*0*
EASEMENTS								
Total	**12**	**12**	**0**	**0**	**0**	**0**	**0**	**0**
Section 1	*6*	*6*	*0*	*0*	*0*	*0*	*0*	*0*
Section 2	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Section 3	*1*	*1*	*0*	*0*	*0*	*0*	*0*	*0*
Section 4	*5*	*5*	*0*	*0*	*0*	*0*	*0*	*0*
GRAND TOTAL	**215**	**191**	**4**	**25**	**20**	**14**	**5**	**8**

- **Look Ahead**
  - Entire Alignment
    - Award contract for Real Estate Consultant.

  - WOFH Section
    - Complete acquisition of TMK 9-6-003-018 within the Banana Patch and TMK 9-4-019:050 at Waipahu Station.
    - Continue relocation efforts associated with Banana Patch Residents.
    - Finalize appraisal for TMK 9-4-047:008, a partial take.

- Kamehameha Section
  - Continue negotiations for TMK 9-8-010:002 and partial takes associated with TMK 9-7-023:008 and TMK 9-7-022:008.
  - Submit appraisal for TMK 9-8-009:017 for FTA review and concurrence.
  - Complete appraisal process for TMK 9-7-022:021.

- Airport and City Center Sections
  - Continue to secure consent to enter for archaeological survey.
  - Initiate negotiations for TMK 1-5-007:021, TMK 2-3-004:069 and TMK 2-3-004:048, and a partial take associated with TMK 1-7-002:026.
  - Submit appraisals for TMK 1-2-010:068 and TMK 1-2-009:001 for FTA review and concurrence.
  - Make offers for partial take associated with TMK 1-2-009:017.

4.4 PLANNING and ENVIRONMENTAL

- **Activities this month**

4.4.1 Programmatic Agreement (PA)

- Humanities Program briefing was held on October 12.
- The third meeting of the Historic Preservation Committee was held October 20. Scoring criteria and a draft screening form were reviewed. Administrative requirements, including those of FTA, were discussed. The next meeting will be held in January 2012.
- Archaeological Inventory Surveys (AISs):
  - Phases 1 and 2 have been completed.
  - Phase 3 (Airport) – AIS Plan submitted to State Historic Preservation Division (SHPD) for review and comment – no response from SHPD to date. This section will follow Phase 4 – sometime after January 1, 2012.
  - Phase 4 (City Center) – Noninvasive survey involving 232 trenches began on September 26, 2011. SHPD approval was obtained on October 25. DOH noise variance approval is still pending. Survey activities are currently restricted by the need for the noise variance for night work, and the APEC and holiday season road work restrictions.
- Next Quarterly PA meeting with Consulting Parties is scheduled for November 1.
- Procurement of Kako'o professional services is in progress.

4.4.2 Mitigation Monitoring Program (MMP) and associated Land Use Permits

- There is continued coordination with The Outdoor Circle regarding project tree impacts and mitigation efforts. The last meeting was held on October 25.
- Modifications to the Plan Review Use (PRU) application for Leeward Community College (LCC) were submitted to LCC on October 24.

- Environmental Compliance Plans (ECPs) are in review and revision for: Kamehameha Highway Guideway (KHG), Farrington Highway Station Group (FHSG) and the Maintenance and Storage Facility (MSF).
- Pearl Harbor Naval Base and Middle Street Transit Center stations alignment and profile changes are under consideration. Coordination with the Navy includes time requirements associated with potential for fee conveyance of property. Avoidance of acquisition of any property within historic districts is a priority.
- Ala Moana Center Station modifications and relocation (approximately 300 feet Ewa) are under study at this time.

4.4.3 Other

- A conference call was held with General Services Administration (GSA) staff concerning the Prince Kuhio Federal Building on October 13 to continue discussion on this property. GSA will send us a written request with some questions on design details. The project will respond and also transmit the results of noise monitoring. An MOU will be needed toward the end of 2012 based on the final design schedule. The results of the updated Threat and Vulnerability Assessment report were accepted by GSA; however some of the judges in Honolulu had concerns. The next conference call will be in early December.
- HART Planning and Environment Staff are coordinating with FTA staff regarding identification of items that are routine and do not modify EIS/ROD/PA commitments and those that may modify those commitments and would potentially require FTA action.

4.5 PERMITS

- **Activities this month**
  - The NPDES General Permit for the Maintenance and Storage Facility (MSF) was acquired from the Hawaii Department of Health (HDOH).
  - The approval from the State Historic Preservation Division (SHPD) was approved for the City Center AIS work.
  - The PRU application was officially submitted to Leeward Community College (LeeCC) for approval.
  - The application for the Airport AIS NPDES permit, Noise Permit and Noise Variance were readied for submittal to HDOH.

4.6 RISK MANAGEMENT

- **Activities this month**
  - Monthly meetings of the Risk Analysis Committee (RAC) commenced October 28.
  - Updated risk mitigation plans and developed plans for new risks.
  - There are 354 risks being monitored
  - Change request terms have been finalized for self insurance for MSF, WOFG and KHG contracts.
- **Look Ahead**
  - Receive insurance quotes from for MSF, WOFG and KHG contracts
  - Procurement of OCIP Consultant to be finalized
  - Identify new secondary mitigations
  - Eight monthly contract/discipline specific risk workshops are scheduled.
  - Continue update of risk mitigation plans and development of plans for top risks.

Summary of Risks

Contract Packages	September 2011 # of Risks	October 2011 Update			
		Total # of Risks	NewlySub-Divided Risks*	New Risks	Deleted Risks
Project Wide	64	68	0	3	0
West Oahu/Farrington Highway Guideway	53	53	0	0	0
Maintenance & Storage Facility Contract	25	26	1	0	0
Kamehameha Highway Guideway	42	43	1	0	0
Core Systems Contract	27	27	0	0	0
Right of Way	13	13	0	1	0
Airport Guideway	51	51	0	0	0
City Center Guideway	56	56	0	0	0
Project Wide Stations	5	5	0	0	0
Farrington Highway Stations	2	2	0	0	0
West Oahu Stations	4	4	0	0	0
Kamehameha Highway Stations	2	2	0	0	0
Airport Stations	1	1	0	0	0
City Center Stations	3	3	0	0	0
Total	**348**	**354**	**2**	**4**	**0**

*All Project Wide risks that are determined to be applicable to various contracts are sub-divided into those contracts and then evaluated at that contract level.

FTA Risk Categories

FTA Risk Categories	Oct. 2011	%
Design	99	28.0%
Requirements	79	22.3%
NEPA	21	5.9%
TCC	17	4.8%
Market	10	2.8%
Geotech/ Early Constr	34	9.6%
Construction	93	26.3%
Start-Up	1	0.3%
Total	**354**	

Top Ten Risks

Risk ID	SCC Code	Contract Package	Risk Description	Prob	Prob Rating	Cost Impact	Time Impact	Oct. Risk Rating	Sept. Risk Rating
150	80.00	Project Wide	Staffing costs are higher than baselined budget.	90%	5	5	1	15	
149	80.00	Project Wide	Final design costs for DBB contracts are higher than in baselined budget.	90%	5	5	1	15	
60e	10.04	City Center Guideway	Given limited geotechnical information available at this time, additional costs may be incurred associated with final design through construction.	90%	5	5	3	20	20
146	90.00	Project Wide	Due to obtaining the Grace Pacific Rocky Mountain site additional costs may be incurred.	90%	5	5	2	17.5	17.5
91	50.01	Core Systems Contract	If there is a legal protest to the award of Core Systems it could cause delays to NTP resulting in additional costs and schedule delays.	100%	5	4	3	17.5	17.5
67	90.00	WOFH	Delay to issue NTP results in claims for additional costs.	100%	5	5	2	17.5	17.5
140	90.00	Project wide	Based on a recently passed bill , GET exemptions would be suspended and result in additional tax payments by contractors which have not been accounted for in estimate.	90%	5	5	0	12.5	12.5
116	40.02	City Center Guideway	Assumption is water mains will be relocated around columns by addition of bends; this may not be allowed by BWS.	90%	5	3	2	12.5	12.5
36	80.06	Project Wide	Unanticipated litigation may add cost to the Project (e.g., protests from adversary groups, community groups, adjacent landowners, and other affected parties).	90%	5	5	0	12.5	12.5
59d	40.08	City Center Guideway	Traffic disruptions in City Center segment may result in revised constraints imposed by City or HDOT (lane restrictions and peak time flow restrictions) .	75%	4	4	2	12	12

New Risks

Risk ID	SCC Code	Contract Package	Risk Description	Cal Prob	Prob Rating	Cost Impact	Time Impact	Risk Rating
149	80.00	Project Wide	Final design costs for DBB contracts are higher than in baselined budget.	90%	5	5	1	15
150	80.00	Project Wide	Staffing costs are higher than baselined budget.	90%	5	5	1	15
151	90.00	Project Wide	Lack of Project communication results in delays and additional costs	10%	1	3	2	2.5
152	60.01	KHG	ROW not acquired by other as shown in RFP drawings at Acacia Rd results in delays.	50%	3	3	3	9

4.7 COMMUNITY OUTREACH

- **Activities this month**
  - The project's public involvement team continued coordinating the town hall meetings throughout Oahu, updating the community on the project and providing residents with the opportunity to ask questions about the rail system.
  - Community outreach for the Archaeological Inventory Survey (AIS) for the Kalihi to Kaka`ako portion of the route is well underway with the public involvement team canvassing the area to inform residents and businesses in the area about the current work.
  - Outreach efforts are underway in support of the start of the Kamehameha Highway Guideway contract work.
  - Our public involvement team participated in 20 presentations, workshops and events, and 13 neighborhood board meetings this month.

HART's public involvement team discusses the rail project with residents at the Food & New Products show, one of the state's largest trade shows with an estimated 30.000 attendees.

- **Look Ahead**
  - Asia-Pacific Economic Cooperation (APEC) informational display
  - Ethnic media and public radio outreach
  - Website upgrades: Interactive maps, real-time construction updates

5. STAFFING

- **Activities this month**
  - Positions filled in October (All HART positions unless otherwise identified as InfraConsult):
    - Civil Engineer VI (Station Group Contract Manager)
    - Information Technology Support Technician
    - GEC/PMC Contract Manager
    - Planner III (ROW)
  - Positions with Hiring/Recruiting in progress:

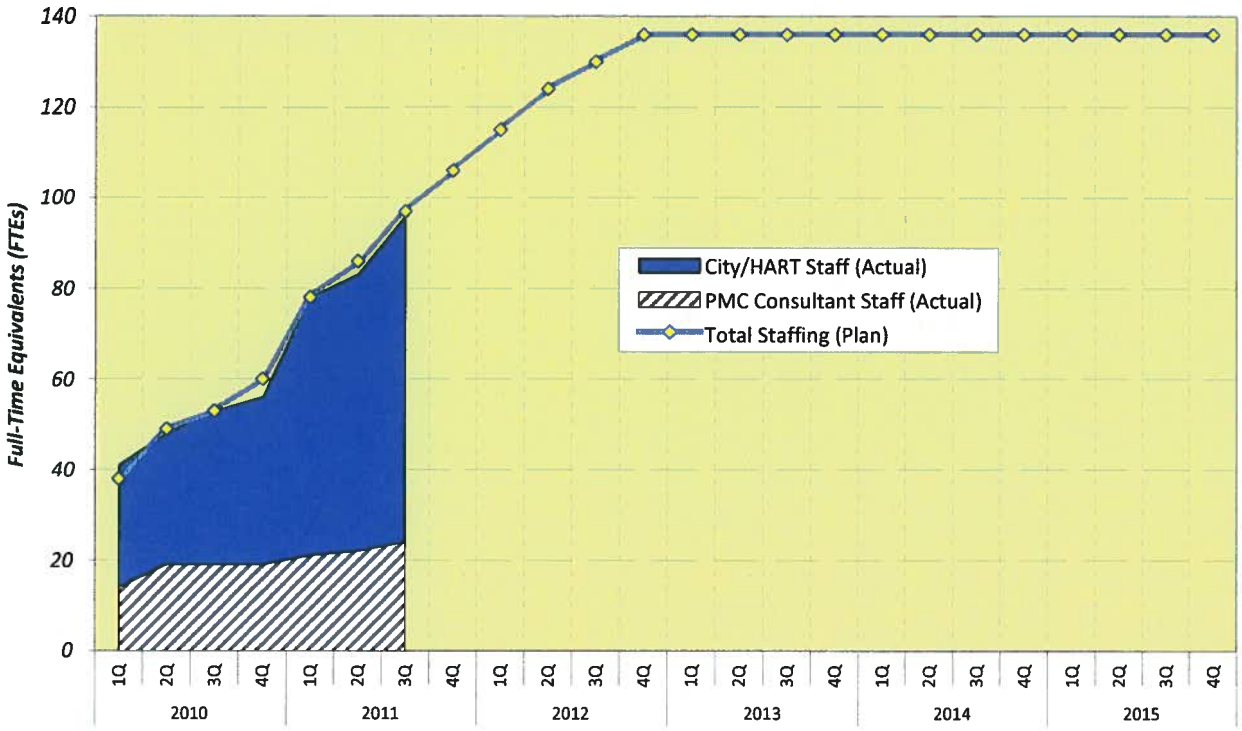
    Engineering
    - Civil Engineer V (WOFH) – Selection made, November start date
    - Electrical Engineer III (Systems) – Selection made, November start date
    - Planner V (Permits Coordinator) - Selection made, November start date
    - Civil Engineer V (WOFH) – Selection made, November start
    - Secretary II (Planning) – Selection made, November start date
    - Architect VI - Selection made, December start date
    - Civil Engineer VI (KHG) – Recruiting
    - Utility Engineer (Civil VI) – Interviewing/ Recruiting
    - Civil Engineer VI (City Center) – Recruiting
    - Lead Civil / Interface Engineer - Recruiting
    - Structural Engineer – Selection made, January start date
    - Planner V (Land Use/Mitigation) - Recruiting

    Administration and Project Controls
    - Scheduler (Project Controls) – Selection made, November start date
    - Information Technology Support Technician - Selection made, November start date
    - Senior Clerk (Project Controls – CMS) – Selection made, November start
    - GIS Analyst III (ROW) – Selection made, November start date
    - Procurement and Specifications Specialist - Selection made, December start date
    - Internal Control Analyst – Selection made, December start date
    - Senior Clerk – Board Administrator and Government Relations support - Interviewing
    - Contracts Officers – Recruiting
    - Information Technology Support Technician (Programmer) - Recruiting
    - Right of Way Agent (ROW) – Recruiting
    - Transit Arts Program Manager – Recruiting
    - Senior Clerk - Administration

    Labor Relations
    - Project Labor Agreement Manager – Recruiting

    Public Involvement
    - Information Specialist II (Community Relations) – Selection made, December start date
    - Information Specialist III - Selection made, December start date
  - Staffing projection versus actual as defined in the current Staffing Plan:
    - **Target** (including PMC staff) 4th Quarter 2011 (end of Dec): **106 employees**
    - **Actual** (including PMC staff) As of end of Oct: **100 employees**

Project Management Staffing



- HART is currently receiving direct project support in centralized City functions from the following City departments:
  - Honolulu Police Department
  - The Department of Information Technology
  - Department of Budget & Fiscal Services
  - Department of Design & Construction
  - Corporation Counsel
  - Department of Human Resources

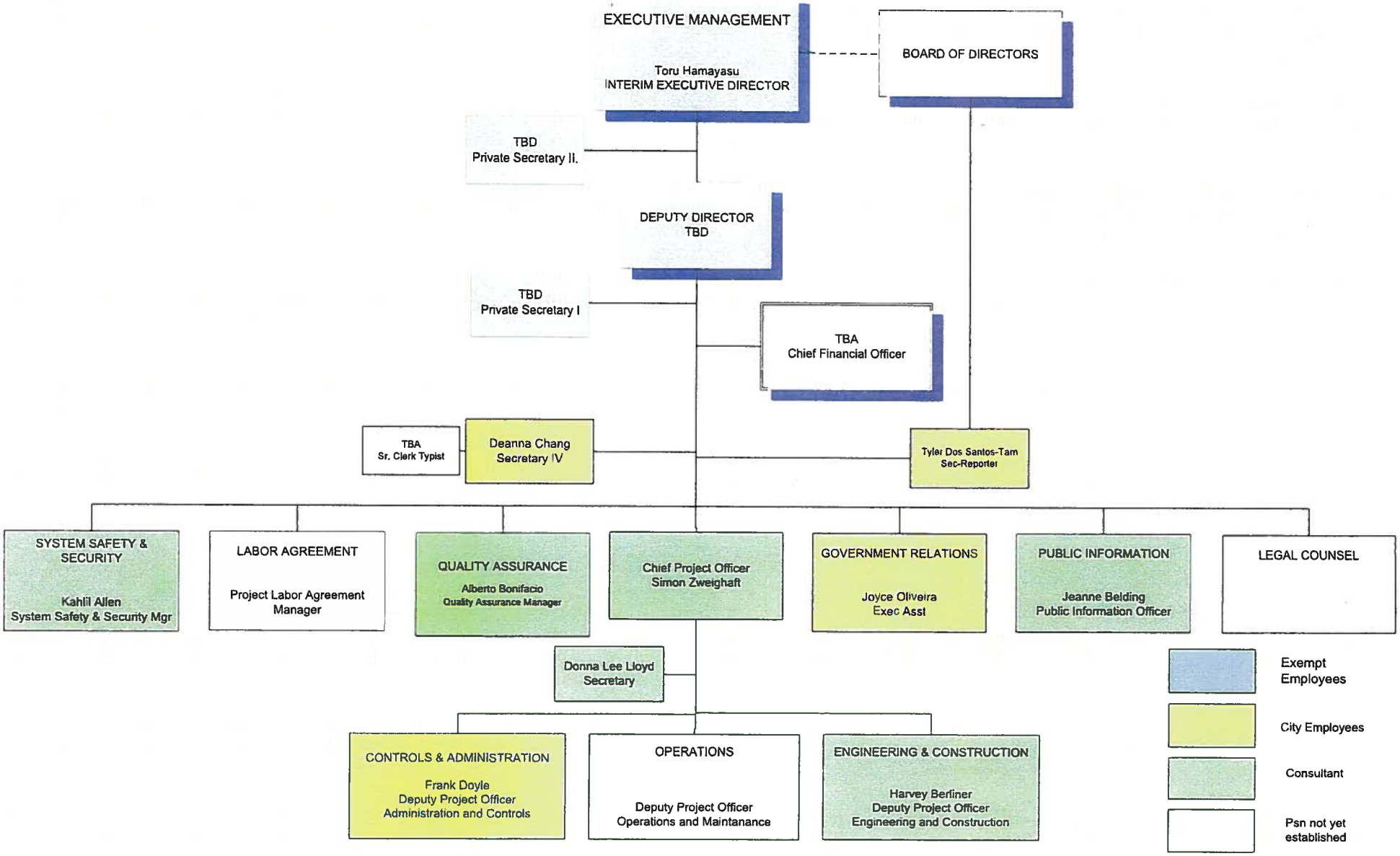
- For greater organizational structure detail, please refer to the HART Organizational Charts in the Appendix of this report.

6. APPENDIX

- **A-1 Project Organization Charts**
- **A-2 Project Alignment**

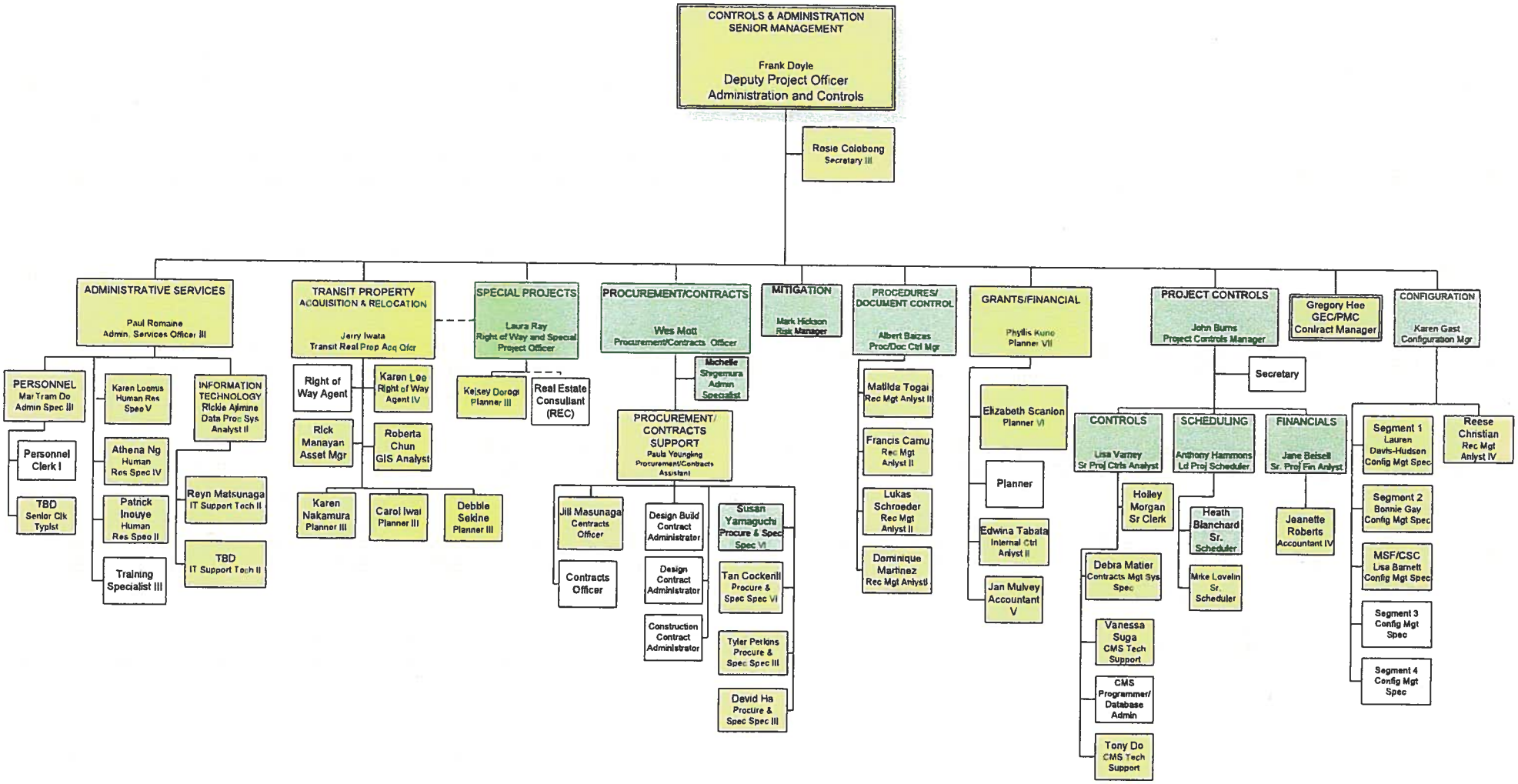
10/11/2011

Honolulu Authority for Rapid Transportation



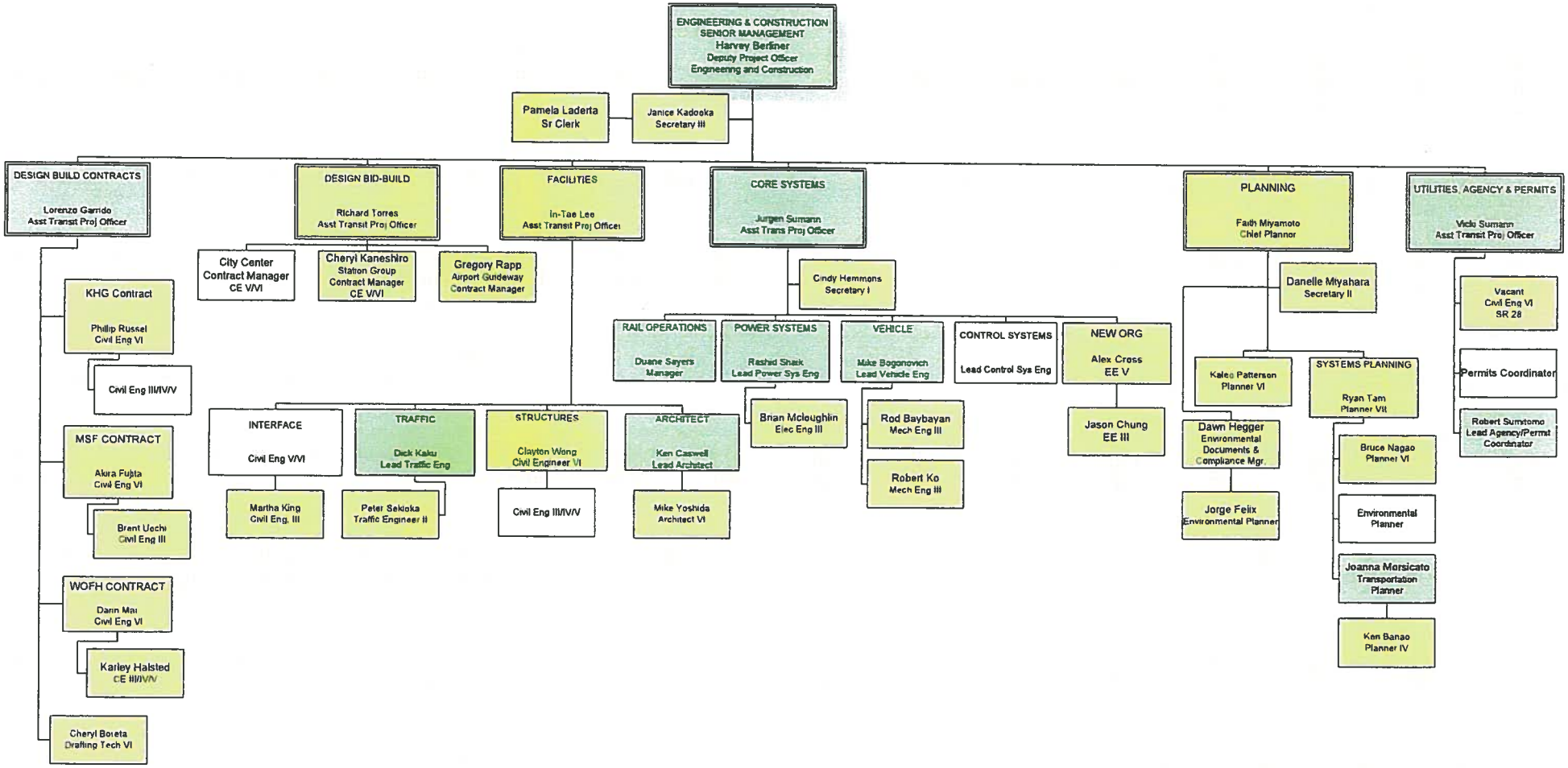
10/11/2011

Honolulu Authority for Rapid Transportation
Controls and Administration



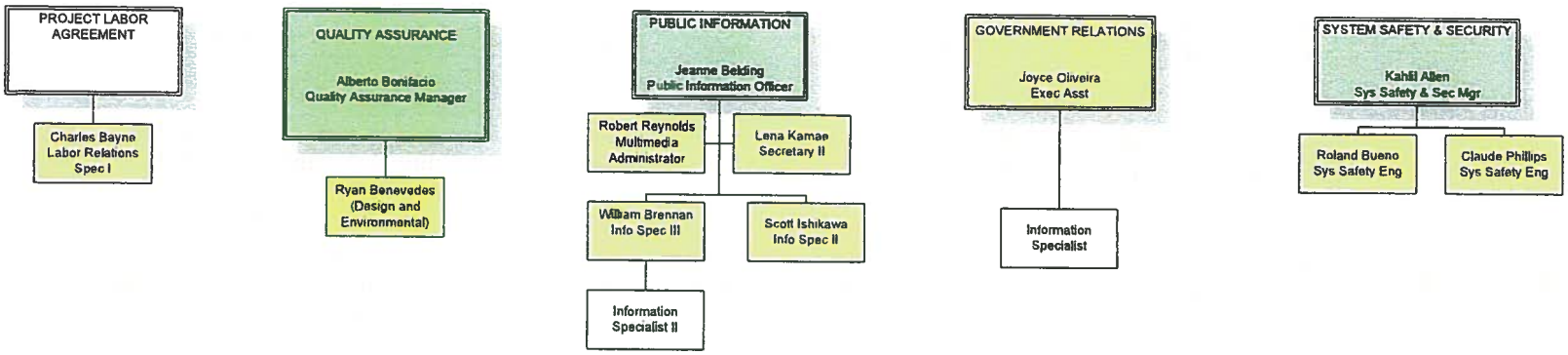
10/11/2011

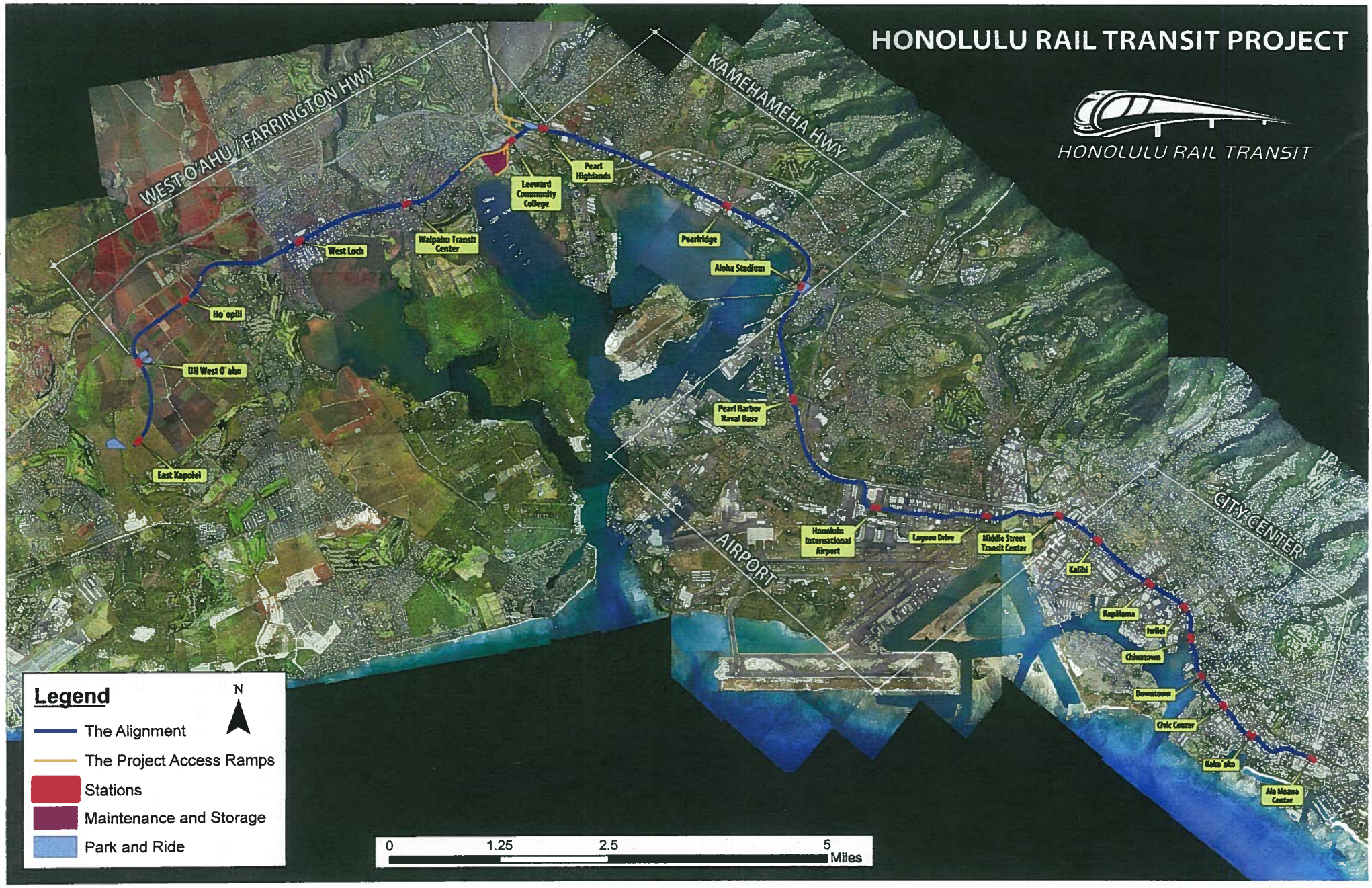
Honolulu Authority for Rapid Transportation
Engineer and Construction



10/11/2011

Honolulu Authority for Rapid Transportation
Labor Relations, Quality Assurance,
Public Information, Government Relations, and
System Safety & Security




HONOLULU RAIL TRANSIT PROJECT
HONOLULU RAIL TRANSIT
WEST O'AHU / FARRINGTON HWY
KAMEHAMEHA HWY
AIRPORT
CITY CENTER
East Kapolei
UH West O'ahu
Ho'opili
West Loch
Waipahu Transit Center
Leeward Community College
Pearl Highlands
Pearlridge
Aloha Stadium
Pearl Harbor Naval Base
Honolulu International Airport
Lagoon Drive
Middle Street Transit Center
Kalihi
Kapalama
Iwilei
Chinatown
Downtown
Civic Center
Kaka'ako
Ala Moana Center
Legend
N
The Alignment
The Project Access Ramps
Stations
Maintenance and Storage
Park and Ride
0
1.25
2.5
5
Miles