

JANUARY 2012

*Based on data date cut-off of
January 27, 2012.*



MONTHLY PROGRESS REPORT

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

TABLE OF CONTENTS

1. **EXECUTIVE SUMMARY**..... 1

 1.1 Project Highlights and Milestones Achieved..... 1

 1.2 HART Board – Scheduled Meetings and Events..... 3

 1.3 Issues and Actions Taken..... 4

2. **PROJECT STATUS**..... 5

 2.1 Budget/Cost..... 5

 2.2 Schedule/Progress..... 8

 2.3 Contingency Management..... 11

3. **CONTRACT STATUS**..... 14

 3.1 Procurement Status..... 14

 3.2 Design-Build Contracts..... 20

 3.3 Design-Bid-Operate-Maintain Contract..... 23

 3.4 Design-Bid-Build Contracts..... 24

 3.5 Other Contracts and Agreements..... 26

4. **GROUP REPORTS**..... 29

 4.1 Safety and Security..... 29

 4.2 Quality Management..... 30

 4.3 Right-of-Way and Third Party Agreements..... 31

 4.4 Planning and Environmental..... 34

 4.5 Permits..... 35

 4.6 Risk Management..... 36

 4.7 Community Outreach 38

5. **STAFFING**..... 39

6. **APPENDICES**..... 41

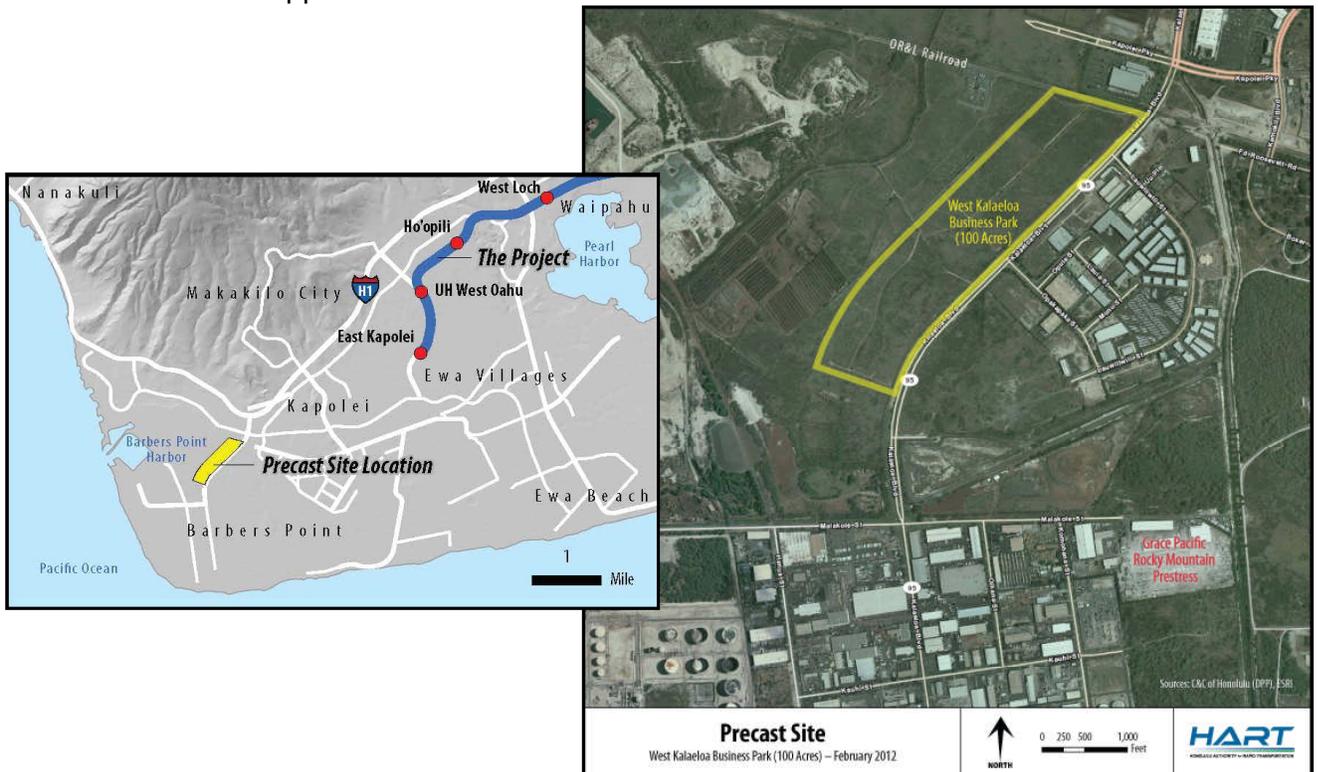
 Appendix A - Project Organization Chart

 Appendix B - Project Alignment

1. EXECUTIVE SUMMARY

1.1 PROJECT HIGHLIGHTS AND MILESTONES ACHIEVED

- 1.1.1 With the approval for Entry into Final Design by the Federal Transit Administration (FTA) at the end of December 2011, the month of January experienced the highest level of project activity since its inception. Notices to Proceed (NTPs) were issued to the Maintenance and Storage Facility (MSF) and the Kamehameha Highway Guideway (KHG) Design-Build contractors, authorizing them to engage in specific design activities. Additional authorizations for Final Design, procurement of long-lead materials and the commencement of construction are expected in February with the FTA’s pending approval of the requested Letter of No Prejudice (LONP), further accelerating the pace of the project.
- 1.1.2 Ansaldo Hawaii Joint Venture (Ansaldo), who was selected as the Core Systems Contractor (CSC), was given a Notice to Proceed (NTP) on January 13. Although the scope of this contract is for Design-Build-Operate-and-Maintain, the Project Budget addresses only the capital costs of designing, procuring and installation the various control and communications systems and the vehicles. Of the \$1.4 billion contract, the portion that is included in the project is \$573.8 million. The NTP authorization transmitted to Ansaldo in January was for specific work items and not to exceed \$20.3 million.
- 1.1.3 A key decision was made as to the area where the Precast Yard will be located. The required environmental documentation is being prepared in order to make the operation functional to support construction.



1.1.4 Recent photographs of current field activities.



(At left): Concrete placement for Test Shaft #9;
(Below): Geotechnical borings along Kamehameha Highway;



1.2 HART Board – Scheduled Meetings and Events – January and February 2012

1.2.1 HART Project Oversight Committee Meeting

Thursday, January 5, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public

1.2.2 HART Transit-Oriented Development Committee Meeting

Thursday, January 5, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public

1.2.3 HART Finance Committee Meeting

Thursday, January 26, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public

1.2.4 HART Board of Directors Meeting

Thursday, January 26, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.2.5 HART Board of Directors Meeting

Thursday, February 2, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.2.6 HART Board of Directors Meeting

Friday, February 17, 1:30 p.m., Executive Session; *Not open to the Public*

1.2.7 HART Board of Directors Meeting

Wednesday, February 22, 4:30 p.m., Executive Session; *Not 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 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 ☒ and added to the “Closed Issues” table.]

- 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, *is expected to be issued early in February 2012.*
- 1.3.3 License Agreement with Department of Hawaiian Home Lands (DHHL)
Issue: The PMOC is concerned with the City’s need to get a license agreement in place on the Ewa Drum Site, where the MSF will be constructed.
Action: License agreement discussions with DHHL continue. A Right-of-Entry consent for the Ewa 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 schedule for bringing on the SOA Manager and Consultant.
Action: *The Memorandum of Agreement (MOA) with HDOT is being revised to transfer the procurement of an SOA Support Consultant to HDOT. An interim SOA Project Manager has been designated within HDOT until the agency hires a permanent, full-time person for the position.*
- 1.3.5 Project Management Support Consultant (PMSC) Re-Procurement
Issue: FTA Region IX requires the PMC contract to be re-procured and the resulting contract to contain the appropriate Federal clauses.
Action: Proposals for PMSC services were submitted September 2 and negotiations with the highest-ranked firm are in progress *and expected execution of the contract is in February 2012.*

Closed Issues		
Item No.	Description	Month Closed
1.3.2	Master Project Schedule Critical Path	July 2011

2. PROJECT STATUS

2.1 BUDGET/COST

2.1.1 The Project Budget submitted by the Honolulu Authority for Rapid Transportation (HART) and accepted by the Federal Transit Administration (FTA) in April of 2011 for the Honolulu Rail Transit Project was **\$5.317 billion**, which is the current baseline budget. During the request to enter Final Design, HART developed and submitted a Draft Financial Plan (September 2011) to the FTA that incorporated cost reductions that resulted in a re-casting of the Project Budget to **\$5.174 billion**. These reductions have been reviewed and validated by the FTA’s consultants, the Financial Management Oversight Contractor (FMOC) and the Project Management Oversight Contractor (PMOC). Concurrence with this latest Financial Plan was one of the last items required prior to HART’s receiving approval to enter into the Final Design phase at the end of December.

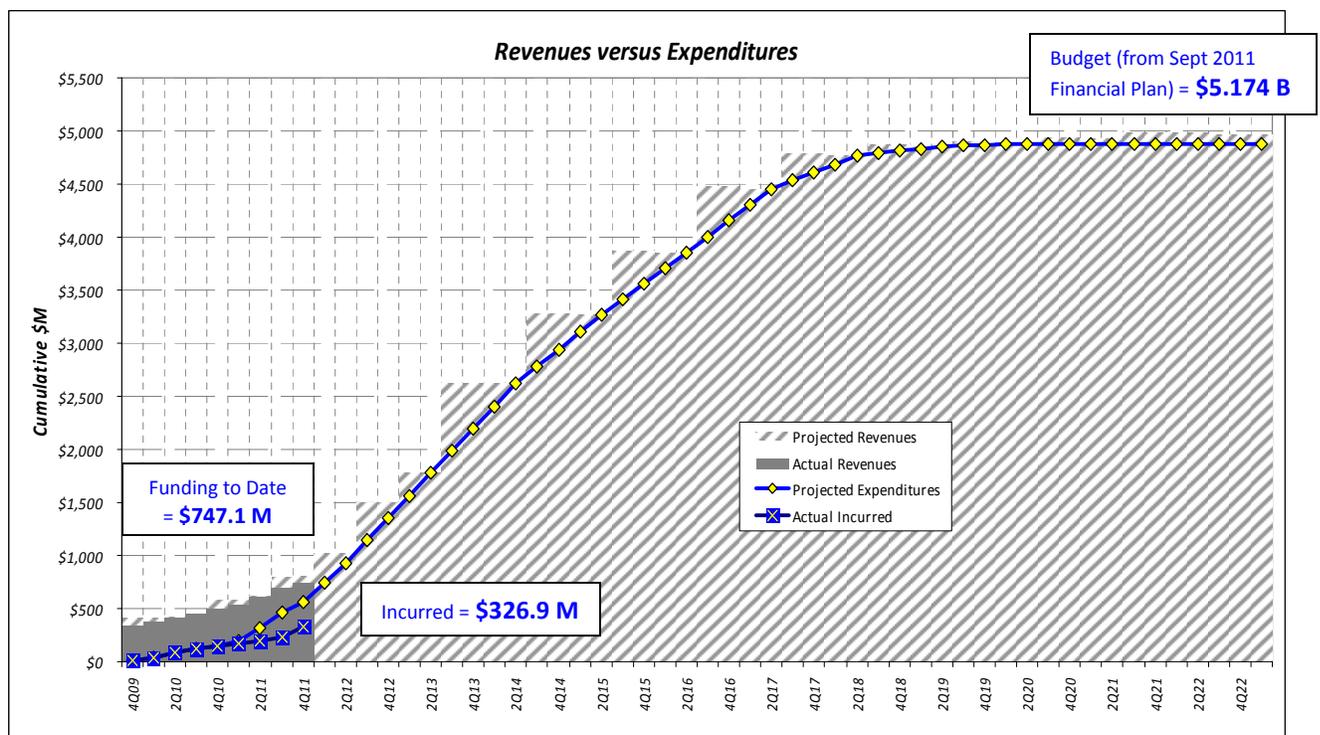
[Note: Because the Project Budget has not yet been re-baselined, all budget references in this report are based on the \$5.317 B Budget. However, the Estimate at Completion reflects the basis for the latest Draft Financial Plan (September 2011), which forecasts Project Budget of \$5.174 B.]

2.1.1 As of the available cost data of December 30, 2011, **\$326.9 million**, or **7.9%**, of the Project Budget has been incurred.

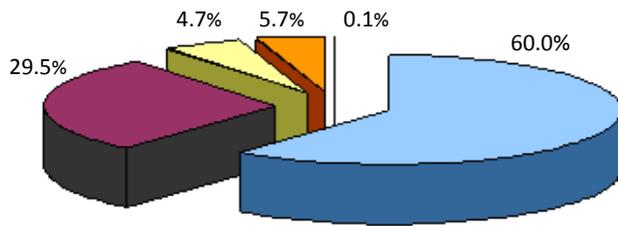
2.1.2 The Project’s Total Budget Contingency is currently **\$846.5 million**, of which \$664.5 million is Allocated Contingency and \$182.0 million is Unallocated Contingency.

2.1.3 Funding to Date

To date Project Revenues are \$747.1 million against the projected amount of \$800 million that was in the Financial Plan of September 2011. Funding is still well ahead of the current incurred costs.



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)

Planned Funding

Fund	Planned (*)	Received To Date
Net General Excise Tax (GET)	3,154	383
FTA Section 5309 New Starts	1,550	61
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	\$ 747

(*) 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 Cost versus Budget - Standard Cost Code (SCC) – Summary (\$M)

Report Date: Jan 2012
Data Date: December 30, 2011

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

SCC	Category	Current Budget December '11 versus November '11			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		Nov '11	Transfers/ Changes	Dec '11	To Date	Dec '11	To Date	Dec '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	1,135.39	-0-
20	Stns, Stops, Terminals (21)	511.43	-0-	511.43	0.00	0.00	0.00	0.00	407.46	-0-
30	Support Facilities: Yds, Shops, Adm	91.86	-0-	91.86	96.34	0.00	0.66	0.66	92.70	+0.39
40	Sitework & Special Conditions	886.98	-0-	886.98	464.26	1.90	126.31	3.46	899.89	(0.67)
50	Systems	223.21	-0-	223.21	203.85	0.00	0.00	0.00	238.21	-0-
10-50	Construction Subtotal	2,831.30	-0-	2,831.30	1,273.88	1.90	126.98	4.13	2,773.65	(0.28)
60	Real Estate	177.10	-0-	177.10	18.04	0.00	18.04	2.66	153.50	-0-
70	Vehicles	189.70	-0-	189.70	189.70	0.00	0.00	0.00	189.70	-0-
80	Professional Services	938.28	-0-	938.28	515.20	41.63	181.86	8.91	940.16	(9.72)
90	Project Contingency	846.54	-0-	846.54	1.61	1.59	0.00	0.00	821.90	+10.00
100.01	Finance Charges: Project-eligible	229.86	-0-	229.86	0.00	0.00	0.00	0.00	246.98	-0-
FTA TOTAL PROJECT		5,212.78	-0-	5,212.78	1,998.43	45.11	326.87	15.70	5,125.89	-0-
<u>Non-FTA Eligible Costs</u> Finance Charges *		104.57	-0-	104.57	0.00	0.00	0.00	0.00	47.79	-0-
GRAND TOTAL PROJECT		5,317.35	-0-	5,317.35	1,998.43	45.11	326.87	15.70	5,173.68	-0-

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

2.1.5.2 Cost versus Budget - Standard Cost Code (SCC) – Details (\$M)

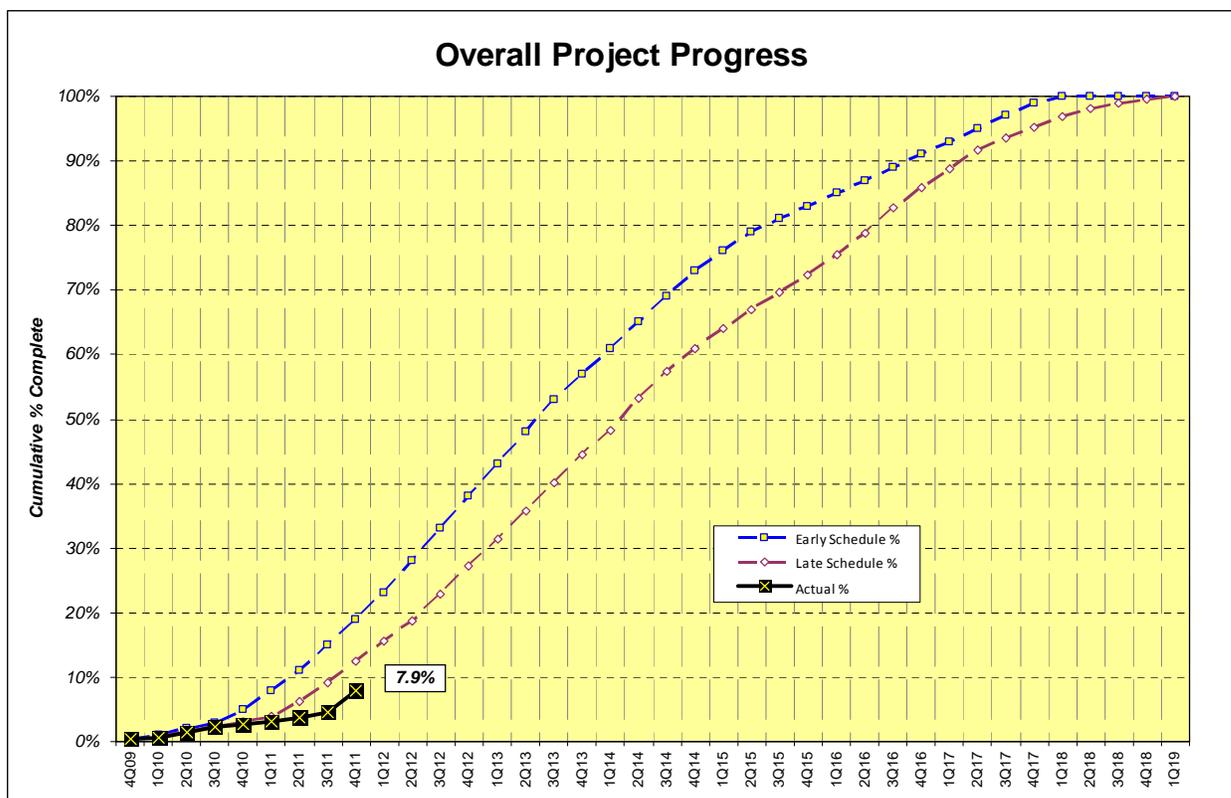
COST versus BUDGET - SUMMARY STATUS (\$M) - By STANDARD COST CODE (SCC)										
Report Date: Jan 2012 Data Date: December 30, 2011										
SCC	Category	Current Budget December '11 versus November '11			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		Nov '11	Transfers/ Changes	Dec '11	To Date	Dec '11	To Date	Dec '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	1,135.39	-0-
10.04	Guideway: Aerial	1,032.00	-0-	1,032.00	433.58	0.00	0.00	0.00	1,039.97	-0-
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	407.46	-0-
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	285.85	-0-
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	49.61	-0-
30	Support Facilities: Yds, Shops, Adm	91.86	-0-	91.86	96.34	0.00	0.66	0.66	92.70	+0.39
30.02	Light Mtce Facility	7.53	-0-	7.53	7.59	0.00	0.00	0.00	7.53	-0-
30.03	Heavy Mtce Facility	37.86	-0-	37.86	37.86	0.00	0.66	0.66	38.25	+0.39
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	43.16	0.00	0.00	0.00	39.19	-0-
40	Sitework & Special Conditions	886.98	-0-	886.98	464.26	1.90	126.31	3.46	899.89	(0.67)
40.01	Demolition, Clearing, Earthwk	17.24	-0-	17.24	9.89	0.00	0.00	0.00	17.24	-0-
40.02	Site Utilities, Utility Reloc	291.21	-0-	291.21	72.02	1.90	1.00	0.00	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	1.40	0.16	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	3.45	0.00	0.00	0.00	36.89	-0-
40.07	Auto, bus, van accessways	181.33	-0-	181.33	45.82	0.00	0.00	0.00	173.78	-0-
40.08	Temporary Facil, Indirect Cost	306.43	-0-	306.43	309.54	0.00	123.92	3.30	328.24	(0.67)
50	Systems	223.21	-0-	223.21	203.85	0.00	0.00	0.00	238.21	-0-
50.01	Train control & signals	82.68	-0-	82.68	82.68	0.00	0.00	0.00	97.68	-0-
50.02	Traffic signals & crossing prnt	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	28.98	0.00	0.00	0.00	30.17	-0-
50.04	Traction power distrib: cate	32.86	-0-	32.86	25.08	0.00	0.00	0.00	32.86	-0-
50.05	Communications	54.10	-0-	54.10	54.25	0.00	0.00	0.00	54.10	-0-
50.06	Fare collection sys & equip	9.22	-0-	9.22	9.22	0.00	0.00	0.00	9.22	-0-
50.07	Central Control	3.45	-0-	3.45	3.45	0.00	0.00	0.00	3.45	-0-
10-50	Construction Subtotal	2,831.30	-0-	2,831.30	1,273.88	1.90	126.98	4.13	2,773.65	(0.28)
60	Real Estate	177.10	-0-	177.10	18.04	0.00	18.04	2.66	153.50	-0-
60.01	Purch or lease of R/E	160.46	-0-	160.46	17.78	0.00	17.78	2.65	136.86	-0-
60.02	Relocation of existing H/H	16.64	-0-	16.64	0.26	0.00	0.26	0.01	16.64	-0-
70	Vehicles	189.70	-0-	189.70	189.70	0.00	0.00	0.00	189.70	-0-
70.01	Light Rail	171.12	-0-	171.12	171.12	0.00	0.00	0.00	171.12	-0-
70.06	Non-revenue vehicles	13.03	-0-	13.03	13.03	0.00	0.00	0.00	13.03	-0-
70.07	Spare parts	5.55	-0-	5.55	5.55	0.00	0.00	0.00	5.55	-0-
80	Professional Services	938.28	-0-	938.28	515.20	41.63	181.86	8.91	940.16	(9.72)
80.01	Prelim Engineering	54.14	-0-	54.14	93.96	23.06	75.29	3.41	54.14	-0-
80.02	Final Design	199.97	+0.28	200.25	112.49	6.46	0.75	0.05	202.49	(9.44)
80.03	Project Mgmt - Design & Construction	321.75	(0.28)	321.48	212.24	2.92	100.73	4.58	322.48	(0.28)
80.04	Construction Admin & Mgmt	170.83	-0-	170.83	34.52	0.00	3.61	0.84	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	5.79	1.45	1.12	0.04	67.32	-0-
80.07	Surveys; Testing; Investig; Inspect	5.57	-0-	5.57	8.24	7.72	0.37	0.00	5.57	-0-
80.08	Start-Up	71.45	-0-	71.45	47.97	0.00	0.00	0.00	66.33	-0-
90	Project Contingency	846.54	-0-	846.54	1.61	1.59	0.00	0.00	821.90	+10.00
90.01	Unallocated Project Conting	191.65	(9.60)	182.05	0.00	0.00	0.00	0.00	182.05	+0.16
90.02	Allocated Contract Conting	654.89	+9.60	664.48	1.61	1.59	0.00	0.00	639.84	+9.84
100.01	Finance Charges: Project-eligible	229.86	-0-	229.86	0.00	0.00	0.00	0.00	246.98	-0-
FTA TOTAL PROJECT		5,212.78	-0-	5,212.78	1,998.43	45.11	326.87	15.70	5,125.89	-0-
Non-FTA Eligible Costs										
Finance Charges *		104.57	-0-	104.57	0.00	0.00	0.00	0.00	47.79	-0-
GRAND TOTAL PROJECT		5,317.35	-0-	5,317.35	1,998.43	45.11	326.87	15.70	5,173.68	-0-

* 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 January 2012, 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). Overall progress, based on the completion of milestones, is **7.9%**, which is behind the original early plan of 20.3% and a late plan of 13.5% due to the delays to Final Design authorizations and the protracted settlement of the Core Systems protests. A recovery schedule is being developed and the completion date is not at risk at this time.



Exhibits on the following pages:

2.2.3 Summary Master Project Schedule

2.2.4 Linear Project Schedule

2.2.3 Summary Master Project Schedule

Milestone Type	Activity Name	Start	Finish	2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		Q3	Q4	Q1
KEY DATA				02-02-12	03-29-19																								
MILESTONES				02-02-12	03-29-19																								
	Letter of No Prejudice #2 - LONP 2	02-02-12		◆ Letter of No Prejudice #2 - LONP 2																									
	Full Funding Grant Agreement - (FFGA)		10-02-12	◆ Full Funding Grant Agreement - (FFGA)																									
	Kamehameha Highway Guideway Section 1 - Interim Revenue Service Date		06-30-16*	◆ Kamehameha Highway Guideway Section 1 - Interim Revenue Service Date																									
	Airport Section 2 - Interim Revenue Service Date		10-16-17*	◆ Airport Section 2 - Interim Revenue Service Date																									
	City Center Section 3 - Full Revenue Service Date		03-29-19*	◆ City Center Section 3 - Full Revenue Service Date																									
CONTRACTS - DESIGN & CONSTRUCTION				12-01-09 A	02-27-19																								
WEST OAHU / FARRINGTON HIGHWAY SEGMENT (WOFH)				12-01-09 A	10-15-15																								
	WOFH Guideway	12-01-09 A	03-05-15	WOFH Guideway - Design & Construction																									
	WOFH Stations	03-25-11 A	10-15-15																										
	Farrington Highway Stations Group - Design	03-25-11 A	12-14-12	Farrington Highway Stations Group - Design																									
	West Oahu Stations Group - Design	04-27-12	05-31-13	West Oahu Stations Group - Design																									
	Farrington Highway Stations Group - Construction	05-01-13	06-15-15	Farrington Highway Stations Group - Construction																									
	West Oahu Stations Group - Construction	09-28-13	10-15-15	West Oahu Stations Group - Construction																									
KAMEHAMEHA HIGHWAY SEGMENT (KH)				07-25-11 A	12-01-15																								
	KH Guideway	07-25-11 A	09-16-15	KH Guideway - Design & Construction																									
	KH Stations	05-12-12	12-01-15																										
	KH Stations Group - Design	05-12-12	06-30-13	KH Stations Group - Design																									
	KH Stations Group - Construction	10-28-13	12-01-15	KH Stations Group - Construction																									
AIRPORT SEGMENT				01-05-12 A	03-01-17																								
	Airport Utilities & Guideway	01-05-12 A	12-30-16	Airport Utilities & Guideway - Design																									
	Airport Utilities & Guideway - Design	01-05-12 A	06-28-13																										
	Airport Guideway - Construction	03-01-14	12-30-16	Airport Guideway - Construction																									
	Airport Stations	10-24-12	03-01-17																										
	Airport Stations Group - Design	10-24-12	03-15-14	Airport Stations Group - Design																									
	Airport Stations Group - Construction	12-11-14	03-01-17	Airport Stations Group - Construction																									
CITY CENTER SEGMENT (CC)				09-02-12	08-15-18																								
	CC Utilities & Guideway	09-02-12	03-01-18	City Center Utilities & Guideway - Design																									
	City Center Utilities & Guideway - Design	09-02-12	05-14-14																										
	City Center Guideway - Construction	04-02-15	03-01-18	City Center Guideway - Construction																									
	CC Stations	06-01-13	08-15-18																										
	Dillingham Stations Group - Design	06-01-13	09-23-14	Dillingham Stations Group - Design																									
	Kaka'ako Stations Group - Design	09-12-13	03-06-15	Kaka'ako Stations Group - Design																									
	Dillingham Stations Group - Construction	09-16-15	07-01-18	Dillingham Stations Group - Construction																									
	Kaka'ako Stations Group - Construction	04-09-16	08-15-18	Kaka'ako Stations Group - Construction																									
PROJECT WIDE				07-25-11 A	02-27-19																								
	Maintenance & Storage Facility (MSF)	07-25-11 A	10-22-14	MSF - Design & Construction																									
	MSF - Design & Construction	07-25-11 A	10-22-14																										
	Elevators & Escalators	07-07-13	01-06-19	Elevators and Escalators - Manufacture, Install & Test																									
	Elevators and Escalators - Manufacture, Install & Test	07-07-13	01-06-19																										
	Pearl Highlands Parking Structure & Ramps	03-09-13	05-01-18	Pearl Highlands Parking Structure & H2 Ramps - Design																									
	Pearl Highlands Parking Structure & H2 Ramps - Design	03-09-13	01-09-15																										
	Pearl Highlands Parking Structure & H2 Ramps - Construction	03-01-16	05-01-18	Pearl Highlands Parking Structure & H2 Ramps - Construction																									
	Core Systems	01-13-12 A	02-27-19	Core Systems, Design, Install and Test																									
	Core Systems, Design, Install and Test	01-13-12 A	02-27-19																										

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

Data Date: 01-27-12

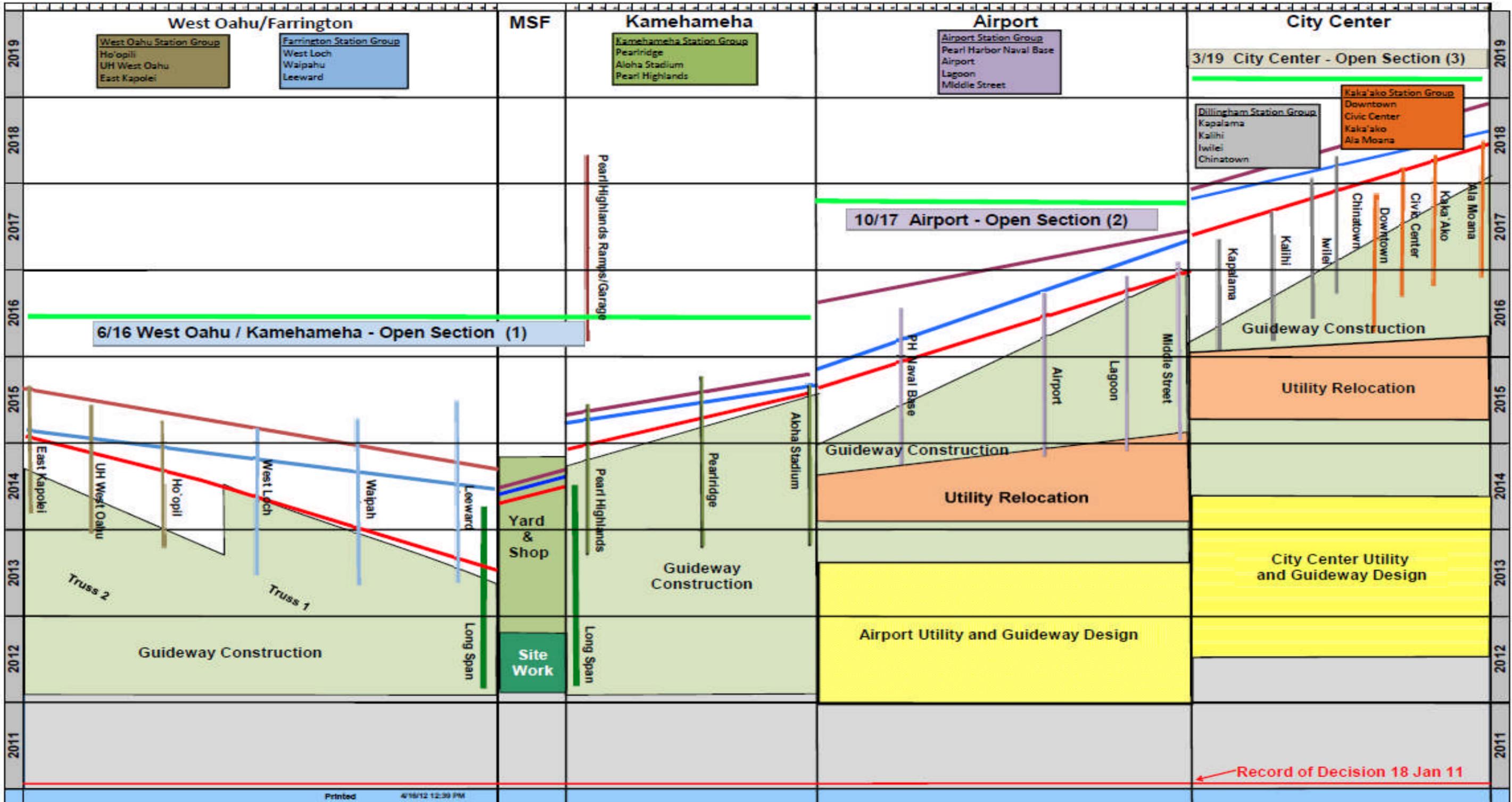
Page 1 of 1

Honolulu Rail Transit Project

MPS Summary - Key Data / Design & Construction Contracts



2.2.4 Linear Schedule



Train Control 
 Traction Power 
 Trackwork 

H RTP LINEAR SCHEDULE



2.3 CONTINGENCY MANAGEMENT

[Refer to “2.1.5.1 and 2.1.5.2 - Cost versus Budget - By Standard Cost Code (SCC)” on Pages 6 and 7 of this report.]

2.3.1 Current Budget

Total Contingency - as of June 2011	\$865.6M
Executed Change Orders:	<u>(\$19.0M)</u>
Net Current Contingency Budget	\$846.5M

2.3.2 Estimate at Completion (EAC)

Projected Contingency Usage:	<u>(\$24.6M)</u>
Total Contingency - New Balance EAC.....	\$821.9M

Actual contingency usage is reflected in 2.3.1 Current Budget above. Usage consists of: 1) executed contract change orders and/or 2) authorized budget transfers in accordance with the approved change control process. (Budget transfers typically are implemented when either scope is transferred from one work package to another or when projected costs indicate the potential for exceeding the budgeted amount for a contract and additional contingency is warranted.) As of December 2011 month-end, \$19.0 million in change orders have been executed for DB-120 West Oahu/Farrington Highway Guideway contract.

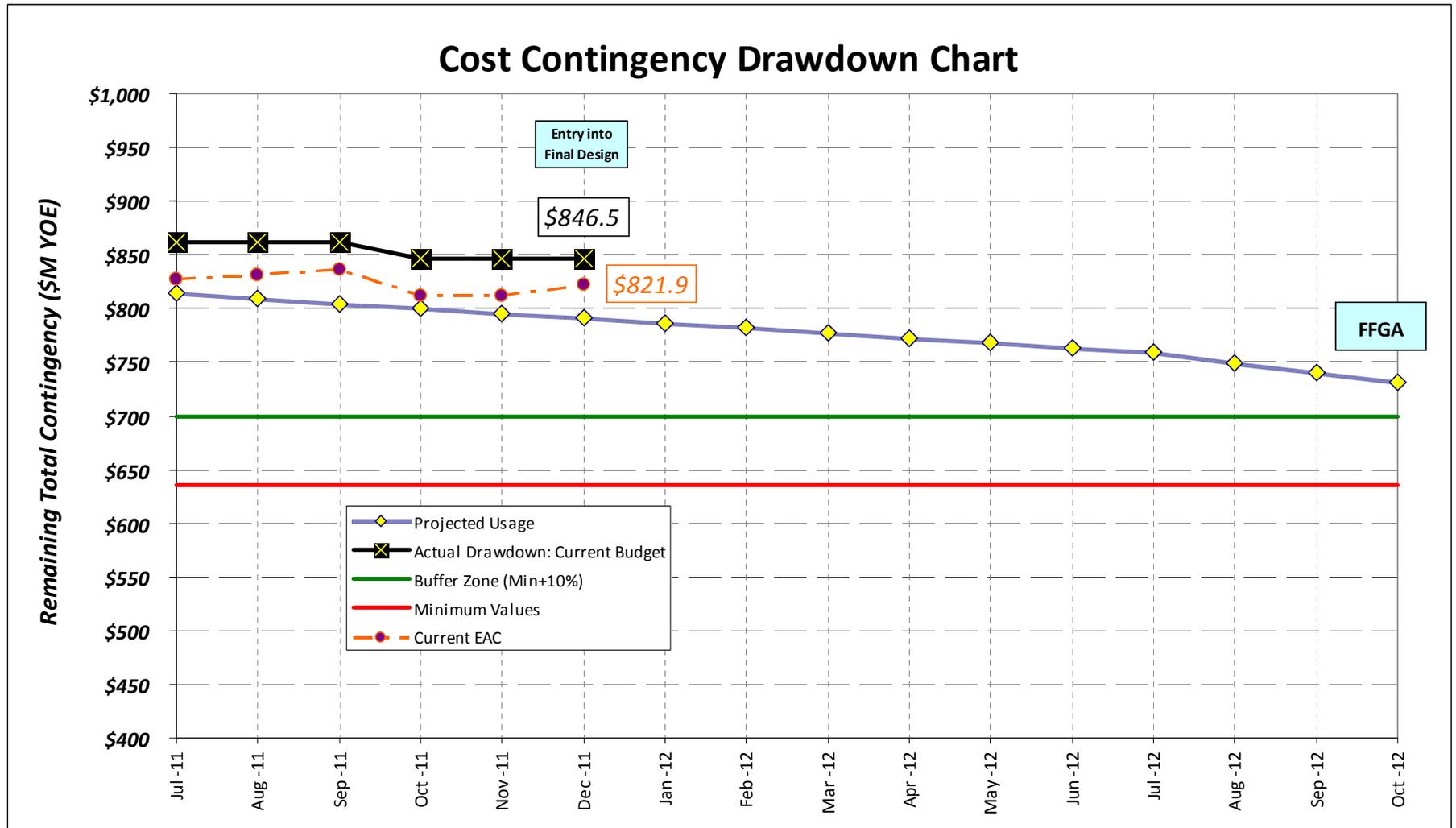
Projected contingency usage is reflected in 2.3.2 Estimate at Completion (EAC) above. When forecasting the cost of completion on a monthly basis, each contract is analyzed to determine if sufficient contingency has been allocated to address scope and schedule impacts. The dynamic nature of the project necessitates a continuing assessment of having adequate contingencies to address the potential risks. As of December 2011 month-end, \$24.6 million in contingency allowances have been applied as appropriate to cover the potential exposure for all current contracts.

2.3.3 Contingency Drawdown Curves

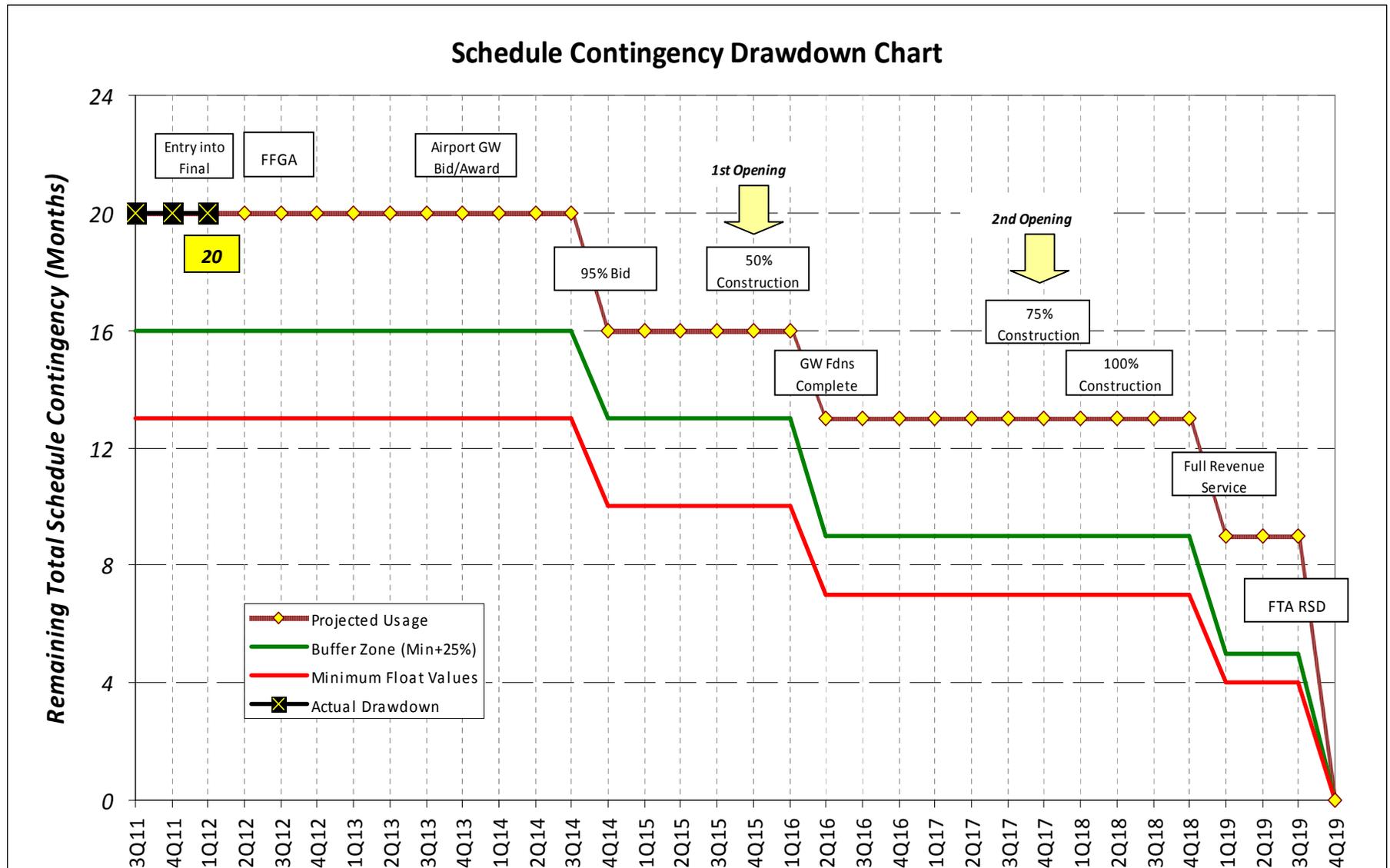
As part of the Risk and Contingency Management Plan (RCMP), Cost and Schedule Contingency Drawdown curves have been developed. These curves establish minimum and “buffer zone” levels of cost and schedule contingency in accordance with FTA guidelines. Over the course of the project, if the cost or schedule 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. At entry into the Final Design phase, Total Contingency was \$846.5 million versus the current amount of \$846.5 million. This is above the buffer zone. See graphics on the following pages.

Project Contingencies	Current Minimum	Buffer Zone	Current Amount*	Variances		
				Versus Minimum	Versus Buffer Zone	From Previous Period
Cost Contingency (\$M)	\$636.0	\$700.0	\$846.5	+\$210.5	+\$146.5	-0-
Schedule Contingency (Months)	13.0	16.0	20.0	+7.0	+4.0	0.0

2.3.3.1 Cost Contingency Drawdown Chart



2.3.3.2 Schedule Contingency Drawdown Chart



3. CONTRACT STATUS

3.1 PROCUREMENT TRACKING REPORT

3.1.1 Design-Build (DB), Design-Build-Operate-Maintain (DBOM) and Manufacture-Install-Test-Maintain 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			Part 2			Issue NTP 1	Issue NTP 1A	Issue NTP 1B	Issue NTP 1C	Issue NTP 2	Issue NTP 3	Issue NTP 4	Contract Completion	Comments
			Issue RFQ	SOQs Due	Select BQO	Issue RFP	Submit Proposals	Execute Contract									
Design-Build Contracts																	
DB-120	West Oahu/Farrington Highway Guideway (WOFH) <i>[Kiewit Infrastructure West Company (KIWC)]</i>	CF	Feb 04 '09	Mar 13 '09	Mar 21 '09	Apr 03 '09	Aug 28 '09	Nov 11 '09	Dec 01 '09	Mar 11 '10	Mar 23 '10	Jun 04 '10	Mar 03 '11	May 24 '11	Feb 06 '12	Jan 31 '15	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 Substan'l Compl'n = November 2014
		Act	Feb 04 '09	Mar 13 '09	Mar 21 '09	Apr 03 '09	Aug 28 '09	Nov 01 '09	Dec 01 '09	Mar 11 '10	Mar 23 '10	Jun 04 '10	Mar 03 '11	May 24 '11	Feb 06 '12	Jan 31 '15	
		Var	-0-	-0-	-0-	-0-	-0-	(10)	-0-	-0-	-0-	-0-	-0-	(85)	(70)	-0-	
DB-200	Maintenance and Storage Facility (MSF) <i>[Kiewit/Kobayashi Joint Venture (KKJV)]</i>	CF	May 29 '09	Jul 02 '09	Jul 17 '09	Jul 24 '09	Feb 17 '10	Jun 30 '11	Jul 25 '11	-----	-----	-----	Jan 10 '12	Feb 07 '12	-----	Dec 01 '14	NTP1: Prelim Engrg; NTP2: Final Design; NTP3: Construction Substan'l Compl'n = October 2014
		Act	May 29 '09	Jul 02 '09	Jul 17 '09	Jul 24 '09	Feb 17 '10	Jun 30 '11	Jul 25 '11	-----	-----	-----	Jan 10 '12	Feb 07 '12	-----	Dec 01 '14	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	(142)	-----	-----	-----	Sep 03 '11	-----	-0-	
DB-320	Kamehameha Guideway (KHG) <i>[Kiewit Infrastructure West Company (KIWC)]</i>	CF	Nov 18 '09	Jan 05 '10	Feb 15 '10	Mar 19 '10	Oct 07 '10	Jun 30 '11	Jul 12 '11	-----	-----	-----	Jan 16 '12	Feb 07 '12	-----	Jul 01 '15	NTP1: Prelim Engrg; NTP2: Final Design; NTP3: Construction Substan'l Compl'n = June 2015
		Act	Nov 18 '09	Jan 05 '10	Feb 15 '10	Mar 19 '10	Oct 07 '10	Jun 30 '11	Jul 12 '11	-----	-----	-----	Jan 16 '12	Feb 07 '12	-----	Jul 01 '15	
		Var	-0-	-0-	-0-	-0-	-0-	(72)	(80)	-----	-----	-----	(135)	-0-	-----	-0-	
Design-Bid-Operate-Maintain Contract																	
DBOM-920	Core Systems Contract <i>[Ansaldo Honolulu JV]</i>	CF	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Nov 28 '11	Jan 13 '12	-----	-----	-----	May 01 '12	Apr 15 '13	-----	Apr 01 '19	Ready for Integrated Testing; E.Kap to Aloha Stadium Op Seg; September 2015 E.Kap to Middle Street Op Seg; January 2017 E.Kap to Ala Moana Op Seg; June 2018
		Act	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Nov 28 '11	Jan 13 '12	-----	-----	-----	May 01 '12	Apr 15 '13	-----	Apr 01 '19	
		Var	-0-	-0-	-0-	-0-	-0-	(275)	(316)	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
Manufacture-Install-Test-Maintain																	
MI-930	Elevators and Escalators	CF	Sep 15 '12	Oct 30 '12	Dec 15 '12	Jan 15 '13	Mar 15 '13	Jun 15 '13	Jul 15 '13	-----	-----	-----	Jan 15 '15	Mar 15 '16	-----	Nov 09 '17	Installation of first elevator is planned to occur August 2014 at Waipahu Station. Last elevator to be installed July 2017 at Ala Moana Ctr. NTP1: WOFH and KHG (9 Stations); NTP2: Airport (4 Stations); NTP3 CC (8-Stations)
		Act	Sep 15 '12	Oct 30 '12	Dec 15 '12	Jan 15 '13	Mar 15 '13	Jun 15 '13	Jul 15 '13	-----	-----	-----	Jan 15 '15	Mar 15 '16	-----	Nov 09 '17	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-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 pending re-baselined Contract Packaging Plan and the re-baselined Master Project Schedule submittals.]**
- Var = Variance of (Baseline Master Project Schedule) Less (Current Forecast)
+Ahead/(Behind)-0- versus the B/L Master Project Schedule

3.1.2 Design-Bid-Build (DBB) Contracts

Procurement Tracking Report								
Design-Bid-Build (DBB) Contracts								
Contract #	Contract Name	Sched Ref ^a	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
<i>Design-Bid-Build Contracts</i>								
DBB-170	West Oahu Station Group Construction	CF	Jun 15 '13	Jul 30 '13	Sep 13 '13	Sep 27 '13	Oct 15 '15	Substantial Completion: Ho'opili Station <i>May 15 '15</i> UH West Oahu Station <i>Jul 15 '15</i> E. Kapolei Station <i>Sep 15 '15</i>
		Act						
		B/L	Jun 15 '13	Jul 30 '13	Sep 13 '13	Sep 27 '13	Oct 15 '15	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-270	Farrington Highway Station Group Construction	CF	Jan 15 '13	Mar 30 '13	Apr 15 '13	May 01 '13	Jun 15 '15	Substantial Completion: Leeward Comm College Sta <i>Jan 15 '15</i> Waipahu Transit Sta <i>Mar 15 '15</i> W. Loch Station <i>May 15 '15</i>
		Act						
		B/L	Jan 15 '13	Mar 30 '13	Apr 15 '13	May 01 '13	Jun 15 '15	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-275	Pearl Highlands Parking Structure/ Bus Transit Center Construction (Includes H2/R1 Ramp)	CF	Oct 10 '15	Dec 30 '15	Feb 10 '16	Feb 28 '16	May 01 '18	Substantial Completion: <i>Mar 15 '18</i>
		Act						
		B/L	Oct 10 '15	Dec 30 '15	Feb 10 '16	Feb 28 '16	May 01 '18	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-370	Kamehameha Highway Station Group Construction (Includes H2/R2 Ramp)	CF	Jul 15 '13	Aug 29 '13	Oct 13 '13	Oct 27 '13	Dec 01 '15	Substantial Completion: Pearl Highlands Station <i>Jun 15 '15</i> Aloha Stadium Station <i>Aug 15 '15</i> Pearlridge Station * <i>Oct 15 '15</i>
		Act						
		B/L	Jul 15 '13	Aug 29 '13	Oct 13 '13	Oct 27 '13	Dec 01 '15	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-460	Airport Section Guideway and Utilities Construction	CF	Oct 15 '13	Dec 30 '13	Feb 15 '14	Mar 01 '14	Dec 30 '16	Substantial Completion: <i>Nov 15 '16</i>
		Act						
		B/L	Oct 15 '13	Dec 30 '13	Feb 15 '14	Mar 01 '14	Dec 30 '16	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-470	Airport Station Group Construction	CF	Sep 01 '14	Nov 15 '14	Dec 01 '14	Dec 10 '14	Mar 01 '17	Substantial Completion: Pearl Harbor Station <i>Aug 15 '16</i> Airport Station <i>Oct 15 '16</i> Lagoon Dr Station <i>Dec 15 '16</i> Middle Street Station <i>Jan 15 '17</i>
		Act						
		B/L	Sep 01 '14	Nov 15 '14	Dec 01 '14	Dec 10 '14	Mar 01 '17	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-560	City Center Section Guideway and Utilities Construction	CF	Dec 10 '14	Feb 28 '15	Mar 15 '15	Apr 01 '15	Mar 01 '18	Substantial Completion: <i>Jan 15 '18</i>
		Act						
		B/L	Dec 10 '14	Feb 28 '15	Mar 15 '15	Apr 01 '15	Mar 01 '18	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-570	Dillingham Station Group Construction	CF	Mar 01 '15	May 25 '15	Aug 18 '15	Sep 01 '15	Jul 01 '18	Substantial Completion: Kalihi Station <i>Nov 15 '17</i> Kapalama Station <i>Jan 15 '18</i> Iwilei Station <i>Mar 15 '18</i> Chinatown Station <i>May 15 '18</i>
		Act						
		B/L	Mar 01 '15	May 25 '15	Aug 18 '15	Sep 01 '15	Jul 01 '18	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-575	Kaka'ako Station Group Construction	CF	Jul 01 '15	Sep 24 '15	Dec 18 '15	Jan 01 '16	Aug 15 '18	Substantial Completion: Downtown Station <i>Dec 30 '17</i> Civic Center Station <i>Feb 28 '18</i> Kaka'ako Station <i>Apr 30 '18</i> Ala Moana Station <i>Jun 30 '18</i>
		Act						
		B/L	Jul 01 '15	Sep 24 '15	Dec 18 '15	Jan 01 '16	Aug 15 '18	
		Var	-0-	-0-	-0-	-0-	-0-	
DBB-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes Construction	CF	Oct 10 '18	Dec 09 '18	Feb 02 '19	Mar 04 '19	Jun 30 '20	Substantial Completion: <i>May 30 '20</i>
		Act						
		B/L	Oct 10 '18	Dec 09 '18	Feb 02 '19	Mar 04 '19	Jun 30 '20	
		Var	-0-	-0-	-0-	-0-	-0-	

[Successful Contractor]

^a Schedule Reference:

CF = Current Forecast

ACT = ACTUAL Completed Achieved this Month

B/L = Baseline Master Project Schedule [Note: B/L reflects the pending re-baselined Contract Packaging Plan and the re-baselined Master Project Schedule submittals.]

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

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

3.1.3 Final Design Contracts

Procurement Tracking Report												
Final Design Contracts												
Contract #	Contract Name	Sched Ref*	Issue RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Bid Ready	Contract Completion	Comments
<i>Final Design Contracts</i>												
FD-140	West Oahu Station Group Final Design	CF Act B/L Var	Jan 14 '10 Jan 14 '10	-0-	-0-	-0-	Feb 15 '12 Feb 11 '11 (369)	Mar 15 '12 Mar 15 '12	Mar 30 '12 Mar 30 '12	May 31 '13 May 31 '13	Nov 14 '15 Nov 14 '15	NTP 1a - 5/1/2012- SoM, Workshop, Design Schedule NTP 1b - 6/10/2012 - Updating the PE NTP 2 - 11/7/2012- Interim Design NTP 3 - 4 /06/2013 - Final Design
FD-240	Farrington Highway Station Final Design [HDR, Inc.]	CF Act B/L Var	Oct 02 '09 Oct 02 '09 Oct 02 '09	Nov 19 '09 Nov 19 '09 Nov 19 '09	-0-	-0-	Feb 15 '10 Feb 15 '10 Feb 15 '10	Apr 15 '10 Apr 15 '10 Apr 15 '10	Jan 14 '11 Jan 14 '11 Jan 14 '11	Dec 14 '12 Dec 14 '12 Dec 14 '12	Jul 15 '15 Jul 15 '15 Jul 15 '15	NTP 1b - 4/16/2012 - Complete Updating the PE NTP 2 - 8/27/2012 - Interim Design NTP 3 - 11/30/2012 - Final Design Modified scope for new station concept.
FD-245	Pearl Highlands Parking Structure/ Bus Transit Center Final Design (includes H2/R1 Ramp)	CF Act B/L Var	Jun 30 '13 Jun 30 '13	Aug 14 '13 Aug 14 '13	Sep 28 '13 Sep 28 '13	Nov 04 '13 Nov 04 '13	Dec 04 '13 Dec 04 '13	Feb 02 '14 Feb 02 '14	Feb 16 '14 Feb 16 '14	Oct 01 '15 Oct 01 '15	May 31 '18 May 31 '18	Includes Final Design for Bus Transit Center and H2/R1 Ramp.
FD-340	Kamehameha Highway Station Group Final Design (includes H2/R2 Ramp)	CF Act B/L Var	Jun 28 '11 Jun 28 '11 Feb 28 '11 (120)	Aug 04 '11 Aug 04 '11	Sep 28 '11 Sep 28 '11	Oct 19 '11 Oct 19 '11 Nov 12 '11 +24	Feb 24 '12 Feb 24 '12 Feb 24 '12	Apr 24 '12 Apr 24 '12	May 08 '12 May 08 '12	Jun 30 '13 Jun 30 '13	Dec 31 '15 Dec 31 '15	NTP 1a - 5/12/2012- SoM, Workshop, Design Schedule NTP 1b - 6/21/2012 - Updating the PE NTP 2 - 1/17/2013 - Interim Design NTP 3 - 8/15/2013 - Final Design
FD-430	Airport Section Guideway and Utilities Final Design [AECOM Tech Svcs, Inc.]	CF Act B/L Var	Jan 26 '11 Jan 26 '11 Jan 27 '11 +1	Mar 14 '11 Mar 14 '11 Mar 15 '11 +1	Apr 09 '11 Apr 09 '11	Jun 09 '11 Jun 09 '11	Sep 20 '11 Sep 20 '11	Dec 22 '11 Dec 22 '11	Jan 05 '12 Jan 05 '12 Aug 01 '11 (144)	Jun 28 '13 Jun 28 '13	Jan 29 '17 Jan 29 '17	NTP 1a - 1/05/2012- SoM, Workshop, Design Schedule NTP 1b - 2/17/2012 - Updating the PE NTP 2 - 7/11/2012 - Interim Design NTP 3 - 1/27/2013 - Final Design
FD-440	Airport Station Group Final Design	CF Act B/L Var	Mar 07 '12 Mar 07 '12 -0-	Apr 21 '12 Apr 21 '12 -0-	Jun 05 '12 Jun 05 '12	Jul 12 '12 Jul 12 '12	Aug 11 '12 Aug 11 '12	Oct 10 '12 Oct 10 '12	Oct 24 '12 Oct 24 '12	Mar 15 '14 Mar 15 '14	Mar 31 '17 Mar 31 '17	Re-Packaged group includes: Pearl Harbor Naval Base Honolulu Int'l Airport, Lagoon Drive; and Middle St. Stations.
FD-530	City Center Section Guideway and Utilities Final Design	CF Act B/L Var	Dec 16 '11 Dec 16 '11 -0-	Feb 19 '12 Feb 19 '12 -0-	Apr 24 '12 Apr 24 '12	May 31 '12 May 31 '12	Jun 30 '12 Jun 30 '12	Aug 29 '12 Aug 29 '12	Sep 12 '12 Sep 12 '12	May 15 '14 May 15 '14	Mar 31 '18 Mar 31 '18	Allowance of 2 weeks from Airport GWV contract execution to City Center GWV RFG to debrief potential FD proposers.
FD-540	Dillingham Station Group Final Design	CF Act B/L Var	Sep 03 '12 Sep 03 '12 -0-	Nov 07 '12 Nov 07 '12 -0-	Jan 11 '13 Jan 11 '13	Feb 17 '13 Feb 17 '13	Mar 19 '13 Mar 19 '13	May 18 '13 May 18 '13	Jun 01 '13 Jun 01 '13	Nov 23 '14 Nov 23 '14	Jul 31 '18 Jul 31 '18	Re-Packaged group includes: Kalihi, Kapalama, Iwilei; and Chinatown Stations.
FD-545	Kaka'ako Station Group Final Design	CF Act B/L Var	Dec 15 '12 Dec 15 '12 -0-	Feb 18 '13 Feb 18 '13 -0-	Apr 24 '13 Apr 24 '13	May 31 '13 May 31 '13	Jun 30 '13 Jun 30 '13	Aug 29 '13 Aug 29 '13	Sep 12 '13 Sep 12 '13	Mar 06 '15 Mar 06 '15	Sep 14 '18 Sep 14 '18	Includes: Downtown, Civic Center, Kaka'ako, and Ala Moana Stations.
FD-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes Final Design	CF Act B/L Var	Jan 02 '17 Jan 02 '17 -0-	Feb 16 '17 Feb 16 '17 -0-	Apr 02 '17 Apr 02 '17	May 09 '17 May 09 '17	Jun 08 '17 Jun 08 '17	Aug 07 '17 Aug 07 '17	Aug 21 '17 Aug 21 '17	Oct 30 '18 Oct 30 '18	Jul 30 '20 Jul 30 '20	Reflects the deferred scope in the Financial Plan.

[Successful Contractor]

* Schedule Reference:

- CF = Current Forecast
- ACT = ACTUAL Completed Achieved this Month
- B/L = Baseline Master Project Schedule [Note: B/L reflects the pending re-baselined Contract Packaging Plan and the re-baselined Master Project Schedule submittals.]
- Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)
+Ahead/(Behind)-0- versus the B/L Master Project Schedule

Note: All Final Design Consultants are responsible for providing Design Support Services during Bidding and during Construction in accordance with their contracts. Schedule Basis: Contract Completion one (1) month after Construction Contract Completion

3.1.4 Construction Engineering and Inspection (CE&I) Services Contracts

Procurement Tracking Report												
Construction Engineering & Inspection (CE&I) Contracts												
Contract #	Contract Name	Sched Ref ¹	Advertise RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Bid Ready Dates (Ref.)	Contract Completion	Comments
Construction Engineering & Inspection Contracts												
MM-180	West Oahu and Farrington Highway Station Groups CE&I Services	CF	Mar 28 '12	May 12 '12	Jun 26 '12	Aug 02 '12	Sep 01 '12	Oct 31 '12	Nov 14 '12	Dec 14 '12	Nov 14 '15	Bid Ready Date reflects Farrington Hwy construction pkg. Contract completion reflects completion of West Oahu construction completion.
		Act	Mar 28 '12	May 12 '12	Jun 26 '12	Aug 02 '12	Sep 01 '12	Oct 31 '12	Nov 14 '12	Dec 14 '12	Nov 14 '15	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-380	Kamehameha Highway Station Group CE&I Services (includes H2R2 Ramp)	CF	Oct 12 '12	Nov 26 '12	Jan 10 '13	Feb 16 '13	Mar 18 '13	May 17 '13	May 31 '13	Jun 30 '13	Dec 31 '15	
		Act	Oct 12 '12	Nov 26 '12	Jan 10 '13	Feb 16 '13	Mar 18 '13	May 17 '13	May 31 '13	Jun 30 '13	Dec 31 '15	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-385	Pearl Highlands Parking Structure/ Bus Transit Center CE&I Services (includes H2R1 Ramp)	CF	Jan 13 '15	Feb 27 '15	Apr 13 '15	May 20 '15	Jun 19 '15	Aug 18 '15	Sep 01 '15	Oct 01 '15	May 31 '18	
		Act	Jan 13 '15	Feb 27 '15	Apr 13 '15	May 20 '15	Jun 19 '15	Aug 18 '15	Sep 01 '15	Oct 01 '15	May 31 '18	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-480	Airport Section Guideway and Utilities CE&I Services	CF	Oct 10 '12	Nov 24 '12	Jan 08 '13	Feb 14 '13	Mar 16 '13	May 15 '13	May 29 '13	Jun 28 '13	Jan 29 '17	
		Act	Oct 10 '12	Nov 24 '12	Jan 08 '13	Feb 14 '13	Mar 16 '13	May 15 '13	May 29 '13	Jun 28 '13	Jan 29 '17	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-485	Airport Station Group CE&I Services	CF	Jun 27 '13	Aug 11 '13	Sep 25 '13	Nov 01 '13	Dec 01 '13	Jan 30 '14	Feb 13 '14	Mar 15 '14	Mar 31 '17	
		Act	Jun 27 '13	Aug 11 '13	Sep 25 '13	Nov 01 '13	Dec 01 '13	Jan 30 '14	Feb 13 '14	Mar 15 '14	Mar 31 '17	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-580	City Center Section Guideway and Utilities CE&I Services	CF	Aug 27 '13	Oct 11 '13	Nov 25 '13	Jan 01 '14	Jan 31 '14	Apr 01 '14	Apr 15 '14	May 15 '14	Mar 31 '18	
		Act	Aug 27 '13	Oct 11 '13	Nov 25 '13	Jan 01 '14	Jan 31 '14	Apr 01 '14	Apr 15 '14	May 15 '14	Mar 31 '18	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-585	Dillingham and Kaka'ako Station Groups CE&I Services	CF	Mar 07 '14	Apr 21 '14	Jun 05 '14	Jul 12 '14	Aug 11 '14	Oct 10 '14	Oct 24 '14	Nov 23 '14	Sep 14 '18	Bid Ready Date reflects Dillingham construction pkg. Contract completion reflects completion of Kaka'ako construction completion.
		Act	Mar 07 '14	Apr 21 '14	Jun 05 '14	Jul 12 '14	Aug 11 '14	Oct 10 '14	Oct 24 '14	Nov 23 '14	Sep 14 '18	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes CE&I Services	CF	Feb 11 '18	Mar 28 '18	May 12 '18	Jun 18 '18	Jul 18 '18	Sep 16 '18	Sep 30 '18	Oct 30 '18	Jul 30 '20	
		Act	Feb 11 '18	Mar 28 '18	May 12 '18	Jun 18 '18	Jul 18 '18	Sep 16 '18	Sep 30 '18	Oct 30 '18	Jul 30 '20	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-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 pending re-baselined Contract Packaging Plan and the re-baselined Master Project Schedule submittals.]
- Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)
- +Ahead/(Behind)/-0- versus the B/L Master Project Schedule

Schedule Basis: NTP to CE&I Contracts one (1) month prior to Bid Ready Date for constructibility review; Contract completion one (1) month after Construction Contract Completion.

3.1.5 Project Management and Specialty Consultant Services Contracts

Procurement Tracking Report											
Project Management and Specialty Consultant Services Contracts											
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 - 1 (PMSC-1) [IntraConsult LLC]	CF	Jul 15 '09	Sep 01 '09					Nov 19 '09	Feb 28 '12	
		Act	Jul 15 '09	Sep 01 '09					Nov 19 '09	Feb 28 '12	
		B/L	Jul 15 '09	Sep 01 '09					Nov 19 '09	Feb 28 '12	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MM-901	Program Management Support Consultant - 2 (PMSC-2) [IntraConsult LLC]	CF	Aug 03 '11	Sep 02 '09				Feb 23 '12	Feb 23 '12	Feb 23 '15	
		Act	Aug 03 '11	Sep 02 '09				Feb 23 '12	Feb 23 '12	Feb 23 '15	
		B/L	Aug 03 '11	Sep 02 '09				Feb 23 '12	Feb 23 '12	Feb 23 '15	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MM-905	General Engineering Consultant - 1 (GEC-1) (EIS/Preliminary Engrg) [Parsons Brinckerhoff]	CF	Jun 01 '07	Aug 24 '07					Oct 25 '09	Feb 25 '12	
		Act	Jun 01 '07	Aug 24 '07					Oct 25 '09	Feb 25 '12	
		B/L	Jun 01 '07	Aug 24 '07					Oct 25 '09	Feb 25 '12	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MM-910	General Engineering Consultant - 2 (GEC-2) (Final Design and Construction) [Parsons Brinckerhoff]	CF	Sep 03 '09	Nov 15 '09				Jun 30 '11	Aug 02 '11	Aug 01 '14	
		Act	Sep 03 '09	Nov 15 '09				Jun 30 '11	Aug 02 '11	Aug 01 '14	
		B/L	Sep 03 '09	Nov 15 '09				Jun 30 '11	Feb 27 '11	Aug 01 '14	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	(156)	-0-	-0-
MM-935	Real Estate Consultant	CF	Apr 01 '11				Sep 08 '11	Mar 15 '12	Mar 15 '12	Mar 15 '17	
		Act	Apr 01 '11				Sep 08 '11	Mar 15 '12	Mar 15 '12	Mar 15 '17	
		B/L	Apr 01 '11				Sep 08 '11	Mar 15 '12	Mar 15 '12	Mar 15 '17	
		Var	-0-				-0-	-0-	-0-	-0-	-0-
MM-940	Kako'o Consultant	CF	May 20 '11	Jun 20 '11			Sep 09 '11	Feb 14 '12	Feb 14 '12	Feb 14 '17	
		Act	May 20 '11	Jun 20 '11			Sep 09 '11	Feb 14 '12	Feb 14 '12	Feb 14 '17	
		B/L	May 20 '11	Jun 20 '11			Sep 09 '11	Feb 14 '12	Feb 14 '12	Feb 14 '17	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-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	
		Act	Jan 31 '12	Mar 01 '12	Mar 16 '12	Mar 01 '12	Mar 31 '12	Apr 30 '12	May 30 '12	Mar 03 '19	
		B/L	Jan 31 '12	Mar 01 '12	Mar 16 '12	Mar 01 '12	Mar 31 '12	Apr 30 '12	May 30 '12	Mar 03 '19	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
MM-975	LEED Commissioning Services for Maintenance and Storage Facility (MSF)	CF									
		Act									
		B/L									
		Var									

[\[Successful Contractor\]](#)

* 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

3.1.6 Hawaii Department of Transportation (HDOT) Consultant Services Contracts and Other Contracts

Procurement Tracking Report											
Hawaii Department of Transportation (HDOT) Consultant Services Contracts and Other Contracts											
Contract #	Contract Name	Sched Ref ^a	Issue RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
HDOT Contracts											
MM-915	HDOT Traffic Management Coordination Consultant	CF Act BL Var	Aug 15 '11 Aug 15 '11 Mar 04 '11 (164)	-0-	-0-	-0-	-0-	Feb 15 '12 Feb 15 '12 -0-	Feb 15 '12 Feb 15 '12 -0-	Feb 15 '19 Feb 15 '19 -0-	Scope of services is for the entire alignment.
MM-920	HDOT Design Coordination Consultant - West Oahu Section [AECOM Tech Svcs, Inc.]	CF Act BL Var						Jun 07 '11 Jun 07 '11 -0-	Jun 08 '11 Jun 08 '11 -0-	Nov 14 '15 Nov 14 '15 -0-	
MM-921	HDOT Design Coordination Consultant - Kamehameha Highway Section	CF Act BL Var						Apr 01 '12 Apr 01 '12 -0-	Apr 01 '12 Apr 01 '12 -0-	Jul 15 '15 Jul 15 '15 -0-	
MM-922	HDOT Design Coordination Consultant - Airport Section	CF Act BL Var	Jun 13 '13 Jun 13 '13 -0-	Jul 28 '13 Jul 28 '13 -0-	Sep 11 '13 Sep 11 '13 -0-	Oct 18 '13 Oct 18 '13 -0-	Nov 17 '13 Nov 17 '13 -0-	Jan 16 '14 Jan 16 '14 -0-	Jan 30 '14 Jan 30 '14 -0-	Jan 29 '17 Jan 29 '17 -0-	
MM-923	HDOT Design Coordination Consultant - City Center Section	CF Act BL Var	Jul 14 '14 Jul 14 '14 -0-	Aug 28 '14 Aug 28 '14 -0-	Oct 12 '14 Oct 12 '14 -0-	Nov 18 '14 Nov 18 '14 -0-	Dec 18 '14 Dec 18 '14 -0-	Feb 16 '15 Feb 16 '15 -0-	Mar 02 '15 Mar 02 '15 -0-	Mar 31 '18 Mar 31 '18 -0-	
Other Contracts											
MM-945	On-Call Construction Contractor	CF Act BL Var	Mar 15 '13 Mar 15 '13 -0-	Apr 14 '13 Apr 14 '13 -0-	Apr 29 '13 Apr 29 '13 -0-	May 29 '13 May 29 '13 -0-	Jun 28 '13 Jun 28 '13 -0-	Jul 28 '13 Jul 28 '13 -0-	Aug 27 '13 Aug 27 '13 -0-	Mar 03 '19 Mar 03 '19 -0-	
MM-946	On-Call HazMat Contractor(s)	CF Act BL Var						Feb 15 '12 Feb 15 '12 -0-	Feb 15 '12 Feb 15 '12 -0-	Feb 15 '17 Feb 15 '17 -0-	HART is using City HazMat on-call pre-qualified list to determine offerors.

[Successful Contractor]

^a 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.]
- Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)
- +Ahead/(Behind)/0- versus the BL 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: \$501,969,231

Incurred: \$122,672,676 (24.4%)

Authorized: \$168,876,620 (36.6%)

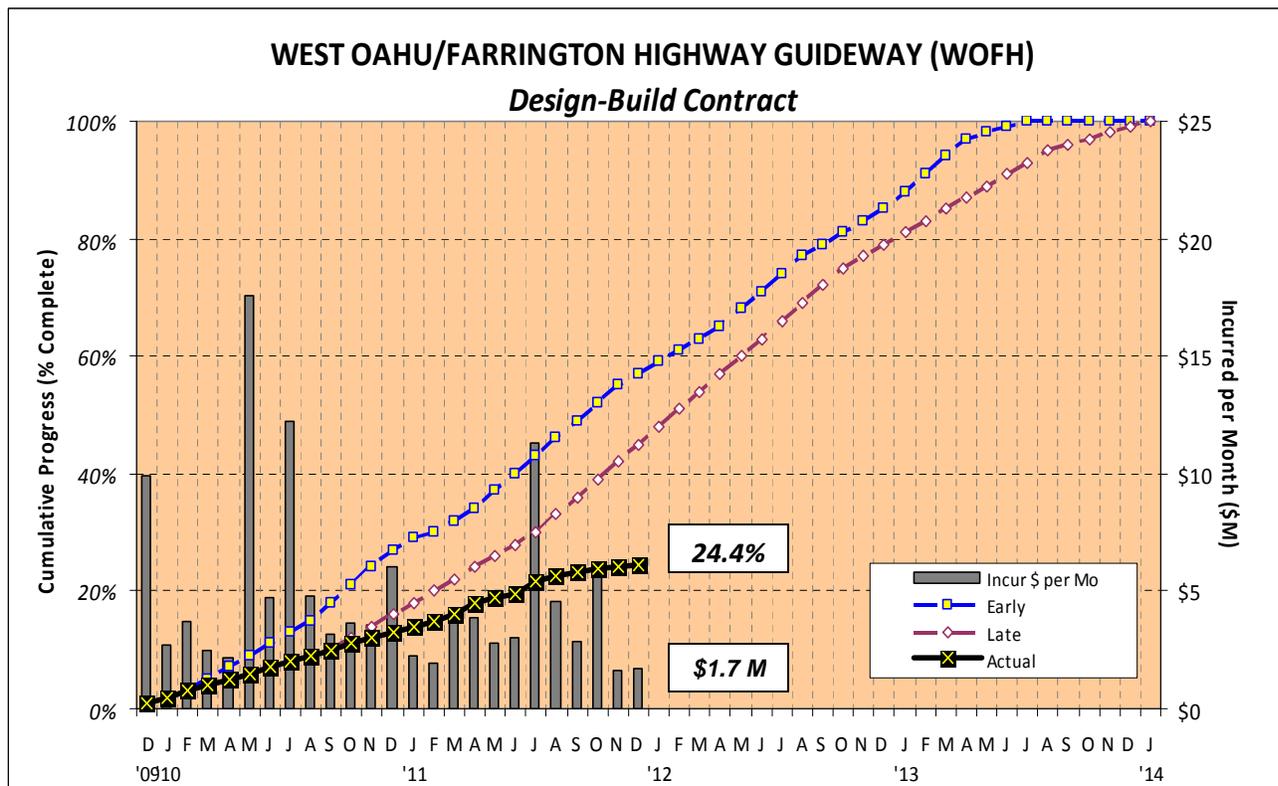
Substantial Completion: Nov 2014

- **Activities this month**

- Overall progress is 24.4% on a weighted basis with design approximately 93% complete.
- A total of 210 contract submittals have been received with twelve currently under review.
- Geotechnical investigations continue with 286 borings completed, reflecting an 89% progress for this task.
- The contractor completed the load test of Shaft #9 in the vicinity of the H-1 and Farrington Highway interchange.
- Tree relocation/removals are 61% complete with 222 trees trimmed, relocated or removed for repurposing or with no salvage.
- Work continued on utility relocations. Overall utility relocation is approximately 5% complete.
- To date there have been 203 Contractor Requests for Information (RFIs) have been received with 0 open/under review.
- The Contractor placed first order for rebar.

- **Look Ahead**

- Utility relocations
- Precast yard resolution
- Issuance Notice to Proceed (NTP) #3 for construction activities upon FTA approval of Letter of No Prejudice – 2 (LONP2).



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

DB Contractor: Kiewit/Kobayashi Joint Venture (KKJV)

Committed: \$195,258,000

Incurred: \$9,259,449 (4.7%)

Authorized: \$ 16,886,751 (8.6%)

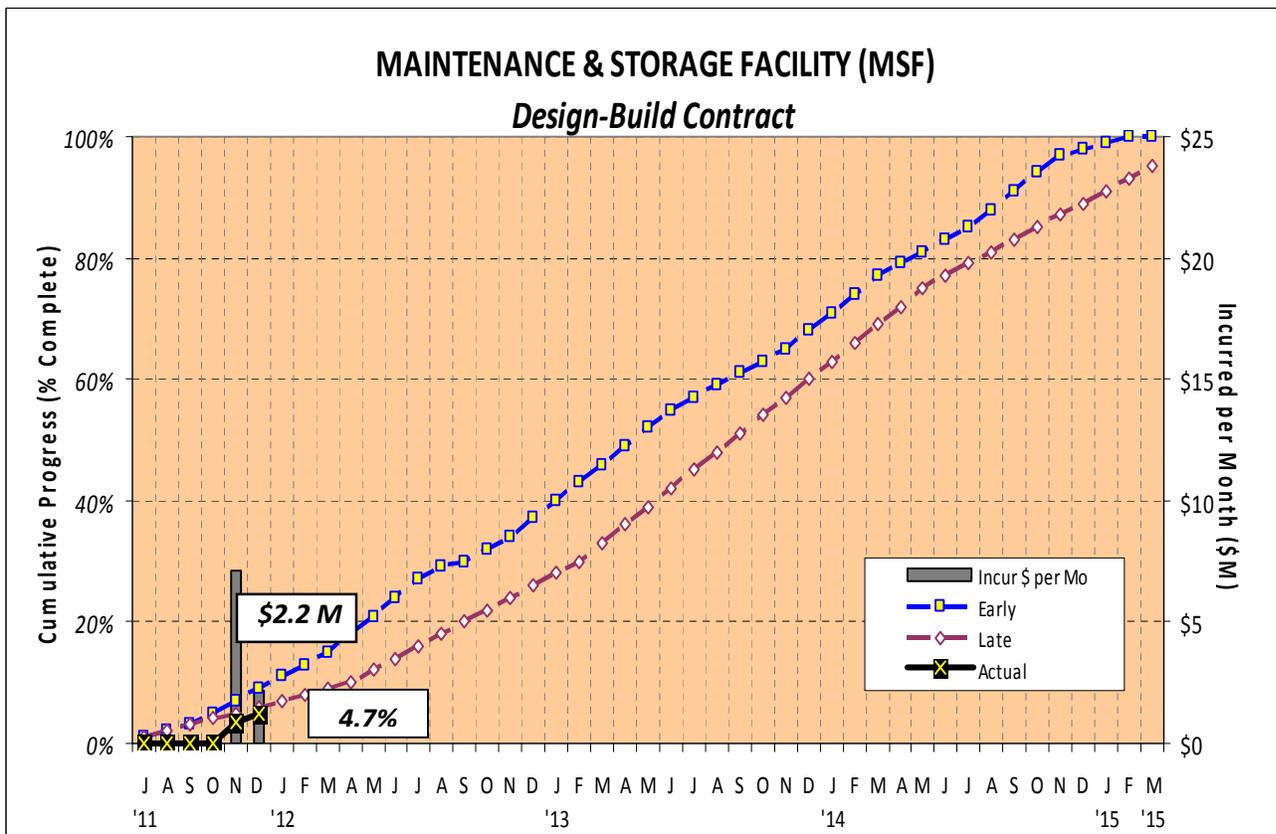
Substantial Completion: Oct 2014

• **Activities this month**

- Notice to Proceed (NTP) #2 for Final Design and rail procurement was issued on January 10.
- Overall progress is 4.7% on a weighted basis with design approximately 35% complete.
- Review and negotiations commenced on KKJV rail procurement proposal.
- Utility potholing and site survey work was performed.
- A total of 27 contract submittals have been received with 1 currently under review.
- 57 RFIs have been received and 11 are under review.

• **Look Ahead**

- Issuance of NTP#3 for construction activities upon FTA approval of Letter of No Prejudice – 2 (LONP2).



Contract DB-320: Kamehameha Highway Guideway (KHG)

DB Contractor: Kiewit Infrastructure West Company (KIWC)

Committed: \$372,150,000

Incurred: \$49,147,916 (13.2%)

Authorized: \$106,744,930 (28.7%)

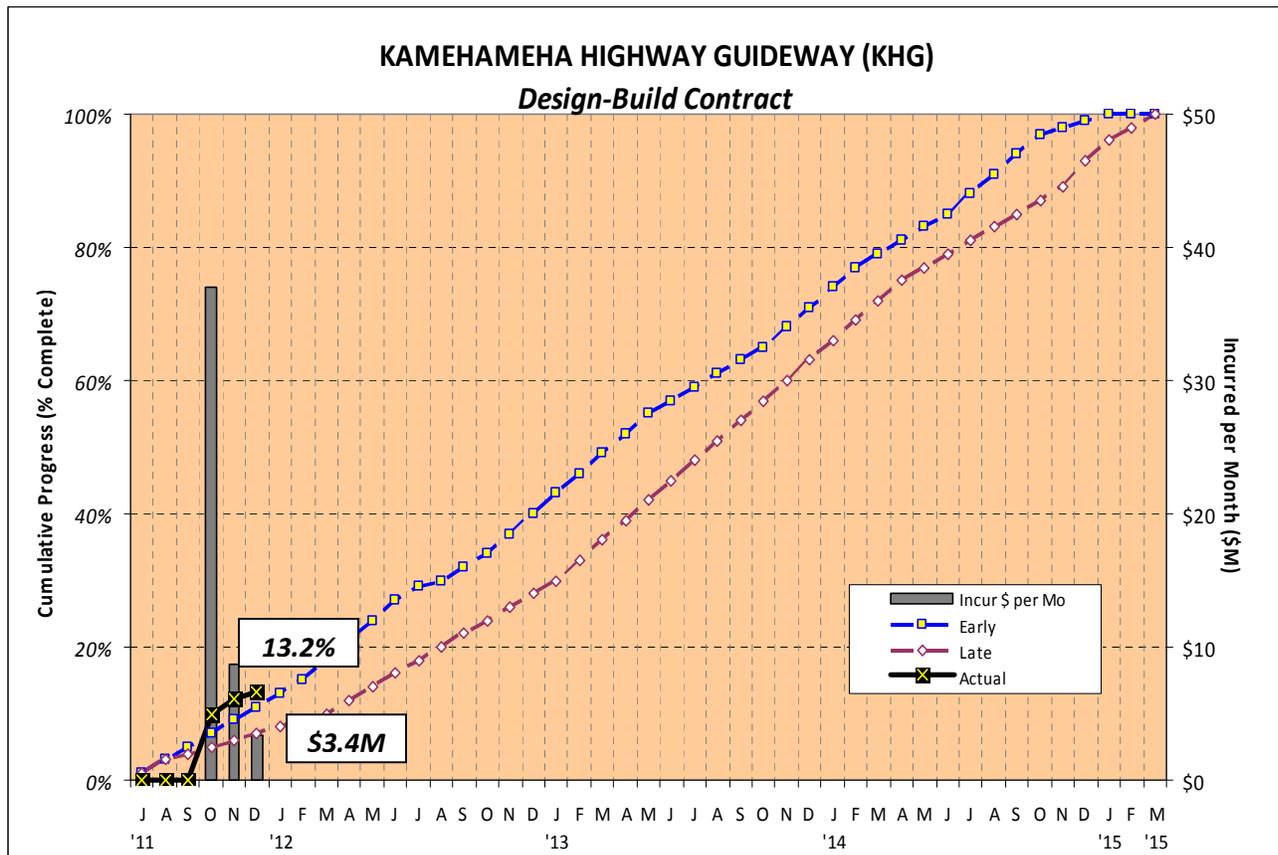
Substantial Completion: June 2015

• **Activities this month**

- Notice to Proceed (NTP) #2 for Final Design was issued on January 10.
- Overall progress is 13.2% on a weighted basis with design approximately 63% complete.
- Geotechnical investigations are 31% complete with 63 borings completed.
- The HART/GEC contract management team moved into the Waipahu Hub Office on January 9, 2012 and are now co-located with the Contractor’s team.
- A total of 97 contract submittals have been received and 21 are under review.
- 55 RFIs have been received with 2 open/under review.

• **Look Ahead**

- Commencement of test shaft activities
- Issuance of NTP#3 for construction activities upon FTA approval of Letter of No Prejudice – 2 (LONP2).



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

Contract DBOM-920: Core Systems (CSC)**DBOM Contractor: Ansaldo Honolulu JV**Committed: \$573,782,793Incurred: -0-Authorized: -0-Start-up Completion: April 2019

- **Activities this month**

- The Notice to Proceed (NTP) was issued January 13.
- Ansaldo Honolulu JV has submitted an initial staffing plan, including:
 - Project Management - 16 positions (7 FTEs in Hawaii; 2 - 0.5 FTEs in HI; 7 FTEs To be determined)
 - Quality Assurance/Quality Control – 10 positions (1 FTE in HI; 9 FTEs TBD)
 - Engineering – 21 positions (5 FTEs in HI; 2 - 0.5 FTEs in HI; 14 FTEs TBD)
 - Construction – 10 positions (All 10 FTEs in HI at a date to be determined)
 - Project Controls – 5 positions (All 5 FTEs in HI)

- **Look Ahead**

- With the NTP issued, the following meetings will take place in the next 30 days:
 - Kick-off Meeting
 - Design Meeting
 - Quality Assurance Meeting
 - Interface Meeting
 - Weekly Status Meeting (Initial)
- Also, by contract, Ansaldo will undertake the following in the next 30 days:
 - Summary Schedule Review
 - Access Dates Table
 - Submittal Review
 - Power Analysis Study
 - CMS Training
- Ansaldo will assume Interface Coordination lead in February.

3.4 DESIGN-BID-BUILD CONTRACTS (DBB) [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

Incurred: \$2,679,015 (48.7%)

Authorized: \$4,380,136 (79.6%)

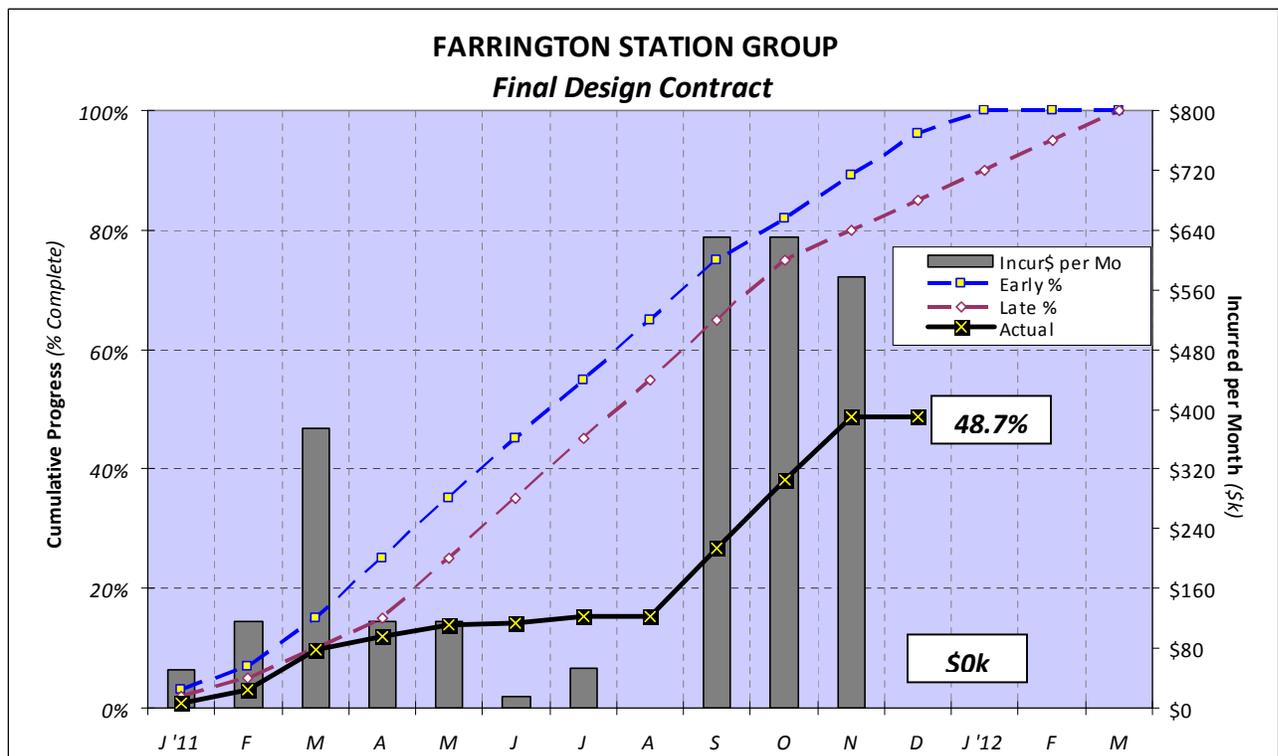
Construction Docs Bid Ready: Dec 14 '12

• **Activities this month**

- Notice to Proceed (NTP) #1b PE Design being updated.
- NTP#2 Interim Design for West Loch, Waipahu Transit Center and Leeward Community College (LCC) stations are currently awaiting validation of Preliminary Engineering (PE) Design updates.
- 50 Requests for Information (RFIs) submitted to date – 49 closed, 1 open/under review.
- 24 Requests for Change (RFCs) in process.

• **Look Ahead**

- Test borings data report submitted.
- Station cost estimates are under review.
- Progress is being evaluated and a revised schedule is being developed. (Current progress is understated due to lag in approved payments.)



Contract DBB-170: West Oahu Station Group**Contract FD-140: Negotiations pending of Final Design Consultant (Engineer of Record)**

- **Activities this month**
 - Station modifications were submitted. Negotiations were conducted on January 30 to complete the contract procurement phase.
- **Look Ahead**
 - Execution of the contract and Notice to Proceed (NTP) are projected for March 2012.

Contract DBB-170: Kamehameha Highway Station Group (KHSG)**Contract FD-340: Negotiations pending of Final Design Consultant (Engineer of Record)**

- **Activities this month**
 - Station modifications were submitted. Negotiations resumed on January 31 to complete the contract procurement phase.
- **Look Ahead**
 - Execution of the contract and NTP are projected for April and May 2012, respectively.

Guideway and Utility Contracts**Contract DBB-460: Airport Section Guideway and Utilities Construction**

[Contracts DBB-450 Airport Section Utilities Construction and DBB-460 Airport Section Guideway Construction have been combined into a single contract.]

Contract FD-430: AECOM Technical Services Inc., Final Design Consultant (Engineer of Record)

Committed: \$38,840,960

Incurred: -0-

Authorized: -0-

Construction Docs Bid Ready: June 28 '13

- **Activities this month**
 - Contract award was December 22, 2011; Notice to Proceed (NTP) 1a was issued on January 5.
 - NTP 1a on-going activities include the development of the Design Schedule and Schedule of Milestones, and Design Workshop. The Design Workshop was held on January 24-25; 72 participants including 5 stakeholders.
- **Look Ahead**
 - NTP 1a is scheduled for completion on February 16, 2012; NTP 1b issuance is projected soon thereafter with a Contract Packaging Workshop scheduled for February 23, 2012.

3.5 OTHER CONTRACTS and AGREEMENTS

Utilities

- **Activities this month**

- Utility Construction Agreements (UCAs) for the West Oahu/Farrington Highway (WOFH) segment have been executed with The Gas Company, Oceanic Time Warner Cable (OTWC) and American Telephone and Telegraph (AT&T), and are near execution with Pacific Lightnet Inc. (PLNI) and Sandwich Isle Communications (SIC). The UCA with Hawaiian Telcom (HT) will follow the template of the Hawaiian Electric Company (HECO) agreement, still under negotiation.
- Discussions are continuing with HECO to resolve outstanding issues on the UCA for the WOFH segment. HART executed the Letter of Agreement with HECO for long-lead materials. The final UCA with HECO is projected for March 2012.
- Executed an Engineering Services Agreement (ESA) with OTWC on the Kamehameha (KHG) segment. Received signed ESAs from Time Warner (TW) Telecom and Tesoro, leaving those, along with AT&T and PLNI in the signature queue for execution.

Utility Agreements Status Matrix				
Utility Owner	WOFH		KHG	
	ESA	UCA	ESA	UCA
AT&T	Executed May 11 '11 NTP May 12 '11	Executed Dec 20, 2011 NTP Dec 21, 2011	Minor issues reopened in Dec '11	
Chevron	Executed Dec 04 '09 NTP Dec 22 '09		Executed Nov 04 '11 NTP Nov 15 '11	
Hawaiian Telcom (HT)	Executed May 20 '10 NTP June 14 '10	First draft completed following HECO model	Received comments from Utility in Nov '11	
HECO	By Agreement with PB	Continuing discussions with HECO on UCA, Executed Letter of Agreement	Awaiting comments from Utility	
Oceanic Time Warner	Executed Dec 08 '09 NTP Dec 22 '09	Executed Dec 21, 2011 NTP Dec 21, 2011	Executed Jan 9, 2012 NTP Jan 9, 2012	
Pacific Lightnet (PLN)	Executed Apr 28 '10 NTP Apr 29 '10	Received signed agreement in Nov '11; pending execution	Received signed agreement in Nov '11; pending execution	
Sandwich Isle Communications	Executed May 20 '10 NTP June 08 '10	Received add'l comments from Utility in Nov '11	Received add'l comments from Utility in Nov '11	
The Gas Company	Executed Dec 18 '09 NTP Dec 22 '09	Executed June 30 '11	Received comments from Utility in Dec '11	
TW Telecom	Executed Dec 02 '09 NTP Dec 22 '09		Received signed agreement in Jan '12; pending execution	
Tesoro			Received signed agreement in Jan '12; pending execution	

Legend: = Action this month **ESA** = Engineering Services Agreement
 = Not applicable **UCA** = Utility Construction Agreement

Hawaii Department of Transportation (HDOT) Agreements

- **Activities this month**

- The HDOT Design Coordination Consultant continues reviewing WOFH design submittals on HDOT's behalf.
- HDOT Traffic Management Coordination Consultant is in procurement; contract negotiation and review of draft contract in progress. It is expected that consultant contract will be executed by February 2012.
- HART has provided HDOT with responses to the Federal Highway Administration (FHWA) concerns, so that HDOT can forward on to FHWA for consideration. HDOT received a letter from FHWA that HART has addressed FHWA concerns and request an update to the Interstate crossings of the guideway to accurately describe each individual crossing. HART has provided that update to HDOT to forward onto FHWA. HDOT is now ready to sign the Joint Use and Occupancy (JUO) Agreement.
- West Oahu/Farrington Highway Guideway (WOFH)
 - The WOFH Joint Use and Occupancy Agreement (JUO) amendment is in process to reflect assignment to HART. HDOT is ready to sign JUO.
 - HART has resolved HDOT's concerns regarding assignment of project from City and County of Honolulu to HART for the Master Agreement.
- Kamehameha Highway Guideway (KHG)
 - HART has received comments from HDOT and is current reviewing and discussing addressing these comments.
- Airport Guideway
 - HART and HDOT have performed consultant interviews this month for the HDOT consultant which will cover Airport and City Center segments of the project. The selection committee anticipates selection and negotiations to start in February, with a target execution in March of this consultant contract.

- **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, FHSG, KHG, MSF, AGW contracts on submittal reviews, responses to RFIs and RFCs.
 - Prepared station module concepts. Evaluating feasibility and constructability of concept.
 - Evaluating platform lighting due to reduction in canopy coverage.
 - Evaluating use of batteries vs. UPS for station facility emergency power.
 - Held Airport segment design workshop and kickoff meetings.
 - Continued developing elevator/escalator procurement contract documents.

-
- Evaluating design criteria revision for pedestrian load vibration analysis due to the platform being supported on hammer head piers.
 - Reconciled traffic analysis between the Interstate Access Modification Report intersections and other local intersections. Developing Preliminary Results Matrix and Interchange Access Modification Report with technical appendices.
 - Intersection traffic analysis at Kanuku Street (entry to Best Buy) completed and submitted to HART for review.
 - Updating Standard and Directive Drawings and Plan Standards.
 - Updating report on screen gates to confirm cost estimate.
 - Assessing primary control survey monuments due to destruction or movement.
 - Interface Activities
 - Notice to Proceed (NTP) for Core Systems Design-Build-Operate-Maintain (CSC DBOM) was issued on January 13, 2012. HART-GEC is planning a transition period for CSC to manage the Systems Interface process
 - Attended Coordination Design Meeting (CDM) for KHG Systems Interface Plan, Revision O.
 - Attended CDM for FHSG Passenger Station Interface Control, Revision A.
 - Signed ICDs for WOFH design packages in the absence of the CSC: Contact Rail, Systems Raceway, Direct Fixation Track, Track Alignment and Profile, Track at Grade, Special Trackwork and Guideway Superstructure.
 - Reviewed Requests for Interface Data (RFIDs) and Interface Control Documents (ICDs) as they pertain to the new Modular Passenger Station design concept with the objective of re-opening them if necessary.
 - Interfacing with adjoining Contractors on behalf of CSC, WOSG, KHSG, EE (Elevators/Escalators) and AGW (Airport Guideway and Utilities).

4. GROUP REPORTS

4.1 SAFETY and SECURITY

- **Activities this month**
 - HART Safety and Security staff met with Hawaii Department of Transportation (HDOT) representatives to review the HDOT Roadmap dates for the State Safety Oversight Agency (SOA) Program Consultant contract procurement. A more aggressive schedule is being implemented. Finalized the HART/HDOT Memorandum of Agreement (MOA) for these services. Supported HDOT in revising the SOA consultant procurement documents.
 - Staff met with the Safety and Security Review Committee to review/concur the lighting and walkway design with successful outcome. The other cost reduction measures were also evaluated with a focus on any safety implications.
 - Revising and updating the project Preliminary Hazard Analysis (PHA) and the Threat and Vulnerability Analysis (TVA).
 - The Safety and Security Certification Working Group continues its weekly meetings.
 - Preliminary Engineering Conformance Checklists for Station Design and Core Systems are being developed.
 - Developing Health and Safety Plan and Emergency Response plan for Ali'i Place Office
 - Ongoing Construction and Environmental training.
 - Ongoing construction work site oversight.

- **Look Ahead**
 - Transportation Safety Institute (TSI) Courses to be conducted: Rail System Safety (February 13-17) and Transit System Security (April 6-10).
 - Prepare a Safety Certification “How and Why” class for HART senior staff.
 - Prepare a Safety Certification “How and Why” class for contractors.
 - Hold various safety meeting with contractors, committees and staff.

Construction Safety Monitoring

Period/Date	Contract	Event Type	Comments
2011	----	----	1-Occupational Injury/Illness.
Jan 24 '12	KHG/DB-320	Injury/Illness	Slip; Lacerated shin.
Jan 30 '12	WOFH/DB-120	Environmental	Dust Control.

4.2 QUALITY MANAGEMENT

- **Activities this month**

- Conducted weekly meeting with General Engineering Consultant (GEC) Quality Assurance (QA) Staff to discuss overall Project Quality Assurance/Quality Control (QA/QC) issues with consultants, contractors and internal staff.
- Continue training of new HART staff to assure that the project participants are familiar with the approved plans and procedures. Updated the HART Training Matrix.
- Recruiting a Quality Assurance Engineer (Budgeted) for the Core System Contract.
- Prepared QA Audit Schedule for 2012.
- Contract-Specific Activities this month:
 - GEC II: Continued training of GEC staff on the Quality Assurance Plan (QAP) and Implementing Procedures (IPs). Recruited a Construction Quality Assurance Manager (CQAM). Closed HART QA Audit of GEC II on January 31. Performed QA Audits of Sub-consultants (Cultural Surveys and Royal Contracting).
 - WOFH Guideway: Bi-weekly QA Task Force meetings were held with the QA Team to discuss the status of design activities, filed work, Non-Compliance Reports (NCRs) and quality compliance and improvements. To date, 39 NCRs have been issued: 31 by KIWC (2 open) and 8 by HART/GEC (all closed). HART approved revised Quality Assurance Plan (QAP), Design Quality Assurance Plan (DQAP) and Construction Quality Assurance Plan (CQAP).
 - MSF: Kiewit Kobayashi Joint Venture (KKJV) commenced training and implementing the HART-approved QAP and Design Quality Assurance Plan (DQAP) and continued preparation of the CQAP. Started bi-weekly QA Task Force meeting with KKJV QA Team to discuss status of the submittals, design activities and field activities.
 - KHG: Attended and participated in bi-weekly Quality Task Force meeting. The KIWC is in the process of training and implementing the HART-approved QAP, DQAP and CQAP. To date, One NCR issued (closed). HART performed Process Audit of DQAP on January 19; no NCR issued.
 - Core System: Conducted QA/QC Workshop with Ansaldo QA Team on January 20.
 - FHSG: Continue participating in weekly design coordination meetings. HDR continues to work in accordance with the HART/GEC-approved QAP. Reviewing HDR-NYC response to QA Audit held November 9-11, 2011.
 - Airport Guideway: Held QA Workshop meeting on January 26. Attended and participated in the Design Workshop meeting on January 24.

- **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, and FHSG contracts. Commenced QA oversight of Core System and Airport Guideway contracts.
- Perform scheduled QA Audits and Surveillances (Process Audits).
- Assist in the quality review of other Requests for Qualifications (RFQs).

4.3 RIGHT-OF-WAY and THIRD PARTY AGREEMENTS

- **Activities this month**

- Appraisals:
 - Issued letters of intent for the 4 full take properties: TMK 1-10-16:006 and TMK 1-10-16:005 for the Airport Guideway and TMK 1-10-16:015 and TMK 1-10-16:014 for the Lagoon Station.
- Acquisitions:
 - Currently HART is \$5.4 million under budget for the acquisition of the 14 properties. The budgeted amount was \$20.2 million and the actual amount was \$16.7 million.
 - Submitted administrative settlement for TMK 2-3-004:048 for FTA concurrence.
 - Acquired 9-6-003:018 within the Banana Patch.
- Relocations:
 - 30 day notice was issued to residents of TMK 9-4-003:014/15/16 within the Banana Patch. Property will be turned over to the contractor by February 29.
 - 90 day notices were issued to residents of TMK 9-6-003:018 within the Banana Patch
 - Continuing to work with Banana Patch residents on their relocation.

	Original # Parcels in FEIS	Current # Parcels Needed	Appraisals In Process	Appraisals Complete	Offers	Acceptance	Relocation Complete	Ready for Construction
FULL ACQUISITION								
Total	40	38	0	8	5	9	8	7
Section 1	14	14	0	0	2	7	5	5
Section 2	5	3	0	1	1	0	0	1
Section 3	5	5	0	0	0	0	0	0
Section 4	16	16	0	3	2	2	3	1
PARTIAL ACQUISITION								
Total	163	133	9	2	4	0	0	4
Section 1	18	11	4	1	0	0	0	4
Section 2	21	7	4	1	2	0	0	0
Section 3	31	34	1	0	0	0	0	1
Section 4	93	82	0	0	2	0	0	0
EASEMENTS								
Total	12	12	5	0	0	0	0	1
Section 1	6	6	5	0	0	0	0	1
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	183	14	10	9	9	8	12

Third Part Agreement	Section/ Contract	Date Complete	Status
University of Hawaii Master Agreement	WOFH, KHG, City Center	Pending	University of Hawaii (UH) reviewing the draft agreement
Leeward Community College Sub-Agreement	WOFH	Pending	Will finalize after UH master agreement is in place
University of Hawaii at West Oahu (UHWO) Sub-agreement	WOFH	Pending	Will initiate agreement after UH master agreement is in place
Department of Education Master Agreement and Consent to Construct	WOFH	Feb. 8, 2011	Executed
DR Horton Agreement	WOFH	Pending	Consent to Construct awaiting signatures
DHHL Master Agreement	WOFH and MSF	March 10, 2010	Executed
DHHL Consent to Construct	WOFH and MSF	December 1, 2010	Consent to construct is in place until license agreement and/or property transfer occurs
DHHL License or Property Transfer	WOFH and MSF	Pending	DHHL reviewing license and discussions continuing with City on property transfer
H-DOT Master Agreement for WOFH	WOFH	Oct. 31, 2011	Executed
H-DOT Use and Occupancy Sub-agreement for WOFH	WOFH	Pending	Responding to FHWA comments. Anticipating completion by March 1, 2012
UH Urban Garden Sub-agreement	KHG	Pending	Will initiate agreement after UH master agreement is in place
H-DOT Master Agreement for KHG	KHG	Pending	Under review by H-DOT
H-DOT Use and Occupancy Sub-agreement for KHG	KHG	Pending	Will complete after KHG Master Agreement is completed
Aloha Stadium/Department of Accounting and General Services (DAGS)	KHG	Pending	Draft agreement under review and negotiations continuing. Anticipate agreement April 1, 2012
Navy/General Services Administration	Airport	Pending	Provided Navy with metes and bounds for Pearl Harbor Station. Property requirements for Airport Guideway will be submitted shortly.
Post Office/GSA Administration	Airport	Pending	Awaiting final designer to provide property requirements
H-DOT Master Agreement for Airport	Airport	Pending	Pending
H-DOT Use and Occupancy Sub-agreement	Airport	Pending	Will complete after Airport Master Agreement is completed
H-DOT Master Agreement for City Center	Airport	Pending	Pending

H-DOT Use and Occupancy for City Center	City Center	Pending	Will complete after City Center Master Agreement is complete
Honolulu Community College	City Center	Pending	Awaiting completion of UH Master Agreement and requirements for the station and guideway are identified in design
Federal Court House/GSA	City Center	Pending	Continuing discussions and awaiting final design requirements for the guideway
Hawaii Community Development Agreement (HCDA)	City Center	Pending	Awaiting final design requirements for the guideway
DAGS	City Center	Pending	Awaiting final design requirements for guideway

Look Ahead

- Entire Alignment
 - Award contract for Real Estate Consultant.
- WOFH Section
 - Complete acquisition 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.
 - Receive consent to construct agreements from DR Horton for TMK 9-1-17:004 and DLNR for TMK 9-10-17:086
- Kamehameha Section
 - Continue negotiations for 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 review for TMK 9-7-022:021.
 - Submit administrative settlement for TMK 9-8-010:002 to FTA for concurrence.
- Airport and City Center Sections
 - Continue to secure consent to enter for archaeological survey.
 - Continue negotiations for TMK 1-5-007:021; and a partial take associated with TMK 1-7-002:026 and TMK 1-2-009:017.
 - Submit appraisals for TMK 1-2-010:068 and TMK 1-2-009:001 for FTA review and concurrence.
 - Complete acquisition of TMK 2-3-004:069
 - Send letters of intent for the remaining full takes within the City Center Section.

4.4 PLANNING and ENVIRONMENTAL

4.4.1 Programmatic Agreement (PA)

- Archaeological Inventory Surveys (AISs):
 - Airport Section AIS. The State Historic Preservation Division (SHPD) approved the Airport AIS, and the noise permit application has been approved. The Noise Variance and National Pollutant Discharge Elimination System (NPDES) applications have been submitted to the Department of Health (DOH) and approval is anticipated in February when activities are expected begin in this section.
 - City Center Section AIS. All permits have been received and active trenching is underway; 18+ trenches (of 232) have been completed to date. Trenching work was delayed over the holiday season and is expected to be underway again in early February 2012.
- PA Meetings:
 - The Historic Preservation Committee met on January 18. FTA has determined that the \$2 million program must be executed in accordance with all FTA grantee requirements.
 - The Semi-Annual Meeting of Consulting Parties for the PA was held on January 26. Updates on implementation of various stipulations were presented for discussion, including the historic properties database, contractor training, noise and vibration mitigation planning, the historic preservation committee, demolition monitoring, and AIS status.
- The FTA approved the Burial Protocol for the City Center AIS work on December 16.
- The Kako'o professional services procurement is at the best-and-final-offer stage, and the Kako'o consultant is expected to be on board by the end of February.

4.4.2 Post-Record of Decision (ROD) Changes and Mitigation Monitoring Program (MMP)

- FFGA Related Tasks:
 - Environmental Documentation for seven cost reduction items was approved by FTA on January 25.
 - The precast yard site selection is expected by February 1 and the environmental review documentation is progressing in collaboration with FTA.
 - An Alternative Analysis process summary is required for the Full Funding Grant Agreement (FFGA) and will be provided ahead of schedule.
 - The Before-and-After Study has been completed previously, a condition of entry into Final Design, and will be re-submitted to fulfill an FFGA requirement.
 - Mitigation Monitoring Program revisions and updates are in progress and two FAA mitigation items will be added. HART has a new staff person to work directly on the MMP.
- Coordination continues with Outdoor Circle (TOC) regarding project tree impacts and mitigation efforts.
- HART submitted a revised categorical exclusion to HDOT at their request regarding clarification of HDOT/Federal Highway Administration (FHWA) Airspace. This has been forwarded to FHWA.
- A Certificate of Inclusion of Kooloaula (*Abutilon menziesii*) for the Abutilon Incidental Take License has been generated. The MOA has been submitted to the Department of Natural Resources (DLNR) by HDOT.

- The General Services Administration (GSA) and FTA are participating in on-going federal building discussions.

4.4.3 Environmental Permitting

- Plan Review Use (PRU). The request for minor modification to the PRU application for Leeward Community College (LCC) was submitted to Department of Planning and Permitting (DPP) on November 1, 2011. This is an administrative request at this time. Staff is still awaiting DPP's response.
- Joint Development Application. The Maintenance and Storage Facility (MSF) Joint Development application associated with the Department of Hawaiian Home Lands (DHHL) property is in progress. The Joint Development approach allows HART to combine parcels for the MSF. HART is addressing the issue of working in a partial or full parcel at the existing Waiawa Interchange. Clean Water Act. A meeting was held on November 21 with the US Army Corps of Engineers on the eight stream crossings associated with the project. This includes four additional crossings from the FEIS. It has been determined by the Corps that they can all be processed under Nationwide Permit 13s and, further, the column placing is not considered a dredging activity.

4.5 PERMITS

- The Noise Permit was received from the Navy this month, as well as the required MS4s.
- The HDOT Airport Archaeological Inventory Survey (AIS) permit was also received.

4.6 RISK MANAGEMENT

- Activities this month**

- The regular monthly meeting of the Risk Analysis Committee (RAC) took place on January 13.
- In January, the total number of risks decreased by six from 353 to 347. (See next page.)
- Eighteen Secondary Mitigations were reviewed with an estimated range of \$184 to \$295 million.
- Updating/revision of the Risk and Contingency Management Plan (RCMP) is in progress.
- The Owner Controlled Insurance Program (OCIP) Consultant Request for Proposal (RFP) will be issued as scheduled at the end of January. Statement of Qualifications are due on March 1.

- Top Ten Risks (Based on Risk Rating Calculations*)**

Risk ID	SCC Code	Contract Package	Risk Description	Prob	Prob Rating	Cost Impact	Time Impact	Jan. '12 Risk	Dec. '11 Risk
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	Delay to issue NTP results 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
150	80.00	Project Wide	Staffing costs are higher than baselined budget.	90%	5	5	1	15	15
149	80.00	Project Wide	Final design costs for DBB contracts are higher than in baselined budget.	90%	5	5	1	15	15
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	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

* Risk Rating Calculation: Risks have been assessed based on probability of occurring as well as the most likely cost and schedule impact if the risk were to occur. The rating has been arrived at through taking the average score of the cost and schedule impacts which was then multiplied by the likelihood score.

Legend	Low (1)	Med (2)	High (3)	Very High (4)	Significant (5)
Probability	< 10%	10% <= 50%	> 50%	75%	> 90%
Cost	< \$250K	\$250K <= \$1M	\$1M <= \$3M	\$3M <= \$10M	> \$10M
Schedule	< 1 Mths	1 <= 3 Mths	3 <= 6 Mths	6 <= 12 Mths	> 12 Mths
Rating	<= 3	3.1-9.49		>= 9.5	

• **Added Risk this Month**

Risk ID	SCC Code	Contract Package	Risk Description	Cal Prob	Prob Rating	Cost Impact	Time Impact	Risk Rating
156	80.00	Project Wide	Timely procurement of SOA and SOA Consultant by HDOT may affect FFGA approval.	10%	1	4	3	3.5

• **Deleted Risks this Month**

Current Risk ID	SCC Code	Contract Package	Risk Description	January 2012 Comments	Jan. '12 Risk Rating	Dec. '11 Risk Rating
26	40.04	Project Wide	For the Clean Water Act, the City expects to get a 404 Nationwide Permit but, depending on the Contractors' changes, they may be required to get an individual permit, which	Risk has been deleted. We have changed our approach and are now assuming the worst case scenario. Have assumed 9 places of impact but may end up being only 5 and will not be 10.		5
46	90.00	Project Wide	FTA review and approvals process may delay entry into Final design .	Risk is deleted. Received entry into FD in December 2011.		9
46b	90.00	Core Systems Contract	FTA review process may delay entry into Final Design .	Risk is deleted. Received entry into FD in December 2011.		1.5
130	60.01	Right of Way	Relocation of business at W. Loch Station may take longer than anticipated. (Farrington Stations Group)	Risk is deleted. Property turned over to Kiewit on January 6th 2012.		2.5
40d	90.00	Core Systems Contract	FTA may not grant an LONP for Construction prior to FFGA.	Expect to receive in Feb. 2012. LONP2 is not need for CSC and will not impact CSC. Risk is deleted.		4
146a	90.00	WOFH	Due to obtaining the casting yard additional costs may be incurred.	Risk has been deleted by RA Committee since it is a duplicate to risk #146, which is applicable to Project Wide.		17.5
146b	90.00	KHG	Due to obtaining the casting yard additional costs may be incurred.	Risk has been deleted by RA Committee since it is a duplicate to risk #146, which is applicable to Project Wide.		10

• **Look Ahead**

- The regular monthly meeting of the Risk Analysis Committee (RAC) will not be held due to the updating of the Risk and Contingency Management Plan for the Full Funding Grant (FFGA) submittal.
- Receive insurance quotes from for MSF, WOFG and KHG contracts.
- The OCIP Consultant Statements of Qualification will be evaluated after receipt in March.
- 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.

4.7 COMMUNITY OUTREACH

- **Activities this month**

- The project’s public outreach program has expanded the message about rail transit with informational radio spots. This campaign has involved 341,000 daily impressions with a focus on drive-time listeners.
- Community outreach for the Archaeological Inventory Survey (AIS) resumes for the Ward Avenue to Ala Moana Center and along Halekuwila Street surrounding the Federal Courthouse facility. Public Involvement staff is canvassing the area to inform residents and businesses in the area about the current work. Additionally, staff is communicating by way of direct mailings and participating in community meetings.
- In the month of January the public involvement team participated in 13 presentations, workshops and events, and 12 neighborhood board meetings. To date staff has participated in 1,097 presentations and events and 620 neighborhood boards.

- **Look Ahead**

- Hawaii Lodging and Tourism Meeting: Presentation of Rail transit and the visitor industry.
- Public outreach at the Great Aloha Run Expo with an estimated 10,000 attendees.
- A series of five town hall-style meetings to discuss the advances of construction activities.
- HART has issued a call for entries to all public and private school students, grades K-12, to participate in its first-ever-presented category as part of ‘Olelo Community Media’s 9th

Annual Youth Xchange Video Competition. HART will present this year's transportation category titled "Mobility for Future Generations," asking students how Honolulu's new 20-mile elevated rail system will help improve our island's mobility and benefit future generations. The Youth Xchange Video Competition, touted as the state's largest, attracts more than 500 video entries annually with over 2,000 students and teachers participating statewide. Video entries are to be produced in a public service announcement (PSA) format in either a 30-second, one-minute or two-minute length. All entries are required to be submitted to 'Olelo Community Media by March 1, 2012. The grand prize winner of the category will win a Sony video camera for his or her school from 'Olelo Community Media and special recognition from HART. Second and third place winners will also receive award certificates as part of the program. 'Olelo Community Television will present a formal award ceremony on May 13, 2011 at the Ihilani Resort & Spa to recognize finalists and winners.

Youth Xchange 2012 Sponsored Category:

MOBILITY FOR FUTURE GENERATIONS

Enter a video submission to the Honolulu Rail Transit Project's video category and show how your future rail transit system will help our island's mobility and benefit future generations. PSA (public service announcement) video entries can either be a 30-second, one-minute or two-minute submission.

Background:
Each year, 27 million population increases and traffic gets worse as more cars are added to our roadways. Sitting in traffic leaves less time for more important activities. Rail transit, an affordable, reliable transportation alternative, will give future generations more time to do what they want to do.

About the Project:
The Honolulu rail transit project is a 20-mile elevated rail system connecting the Second City of Kapolei to Honolulu. It features 21 stations on the route from East Kapolei, going through Honolulu International Airport and Downtown Honolulu and ending at Ala Moana Center. By 2030, it's estimated that approximately 114,000 weekday commuters will be using rail transit, saving about 40,000 cars off our roadways.

It will increase mobility and provide island residents another way to commute to work or school and for other activities. It's a green alternative to driving that will reduce pollution and reduce our island's carbon footprint.

Learn more about this video category at:
www.honolulurail.org or call (808) 546-2298

HART

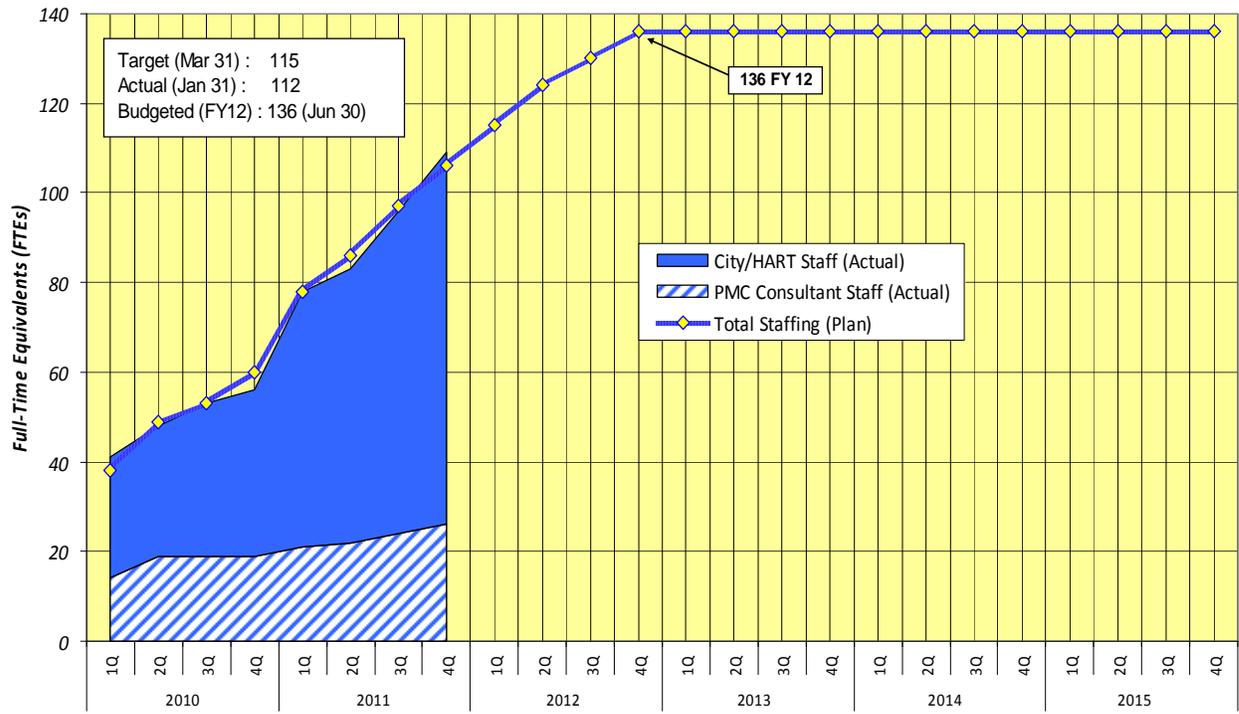
All entries must be submitted by **Thursday, March 1, 2012**

Mail or deliver to 'Olelo Community Media
Youth Xchange Video Competition
1122 Māpuna St., Honolulu, HI 96819
Visit www.olelo.org/yc for contest updates

YOUTH XCHANGE VIDEO COMPETITION

'olelo COMMUNITY MEDIA

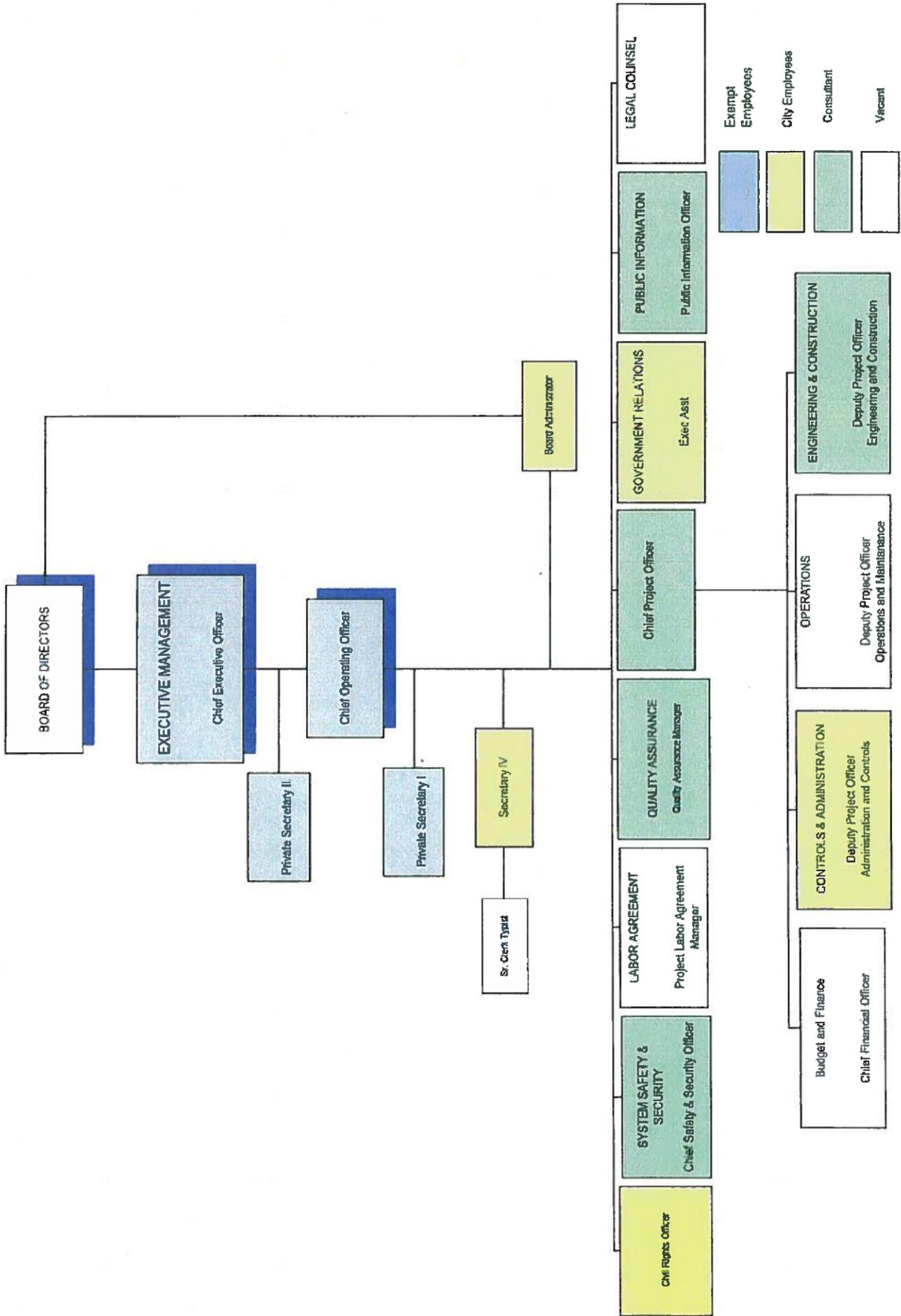
Actual versus Projected HART Staffing Level



6. APPENDICES

- **Appendix A - Project Organization Chart**
- **Appendix B - Project Alignment**

Honolulu Authority for Rapid Transportation



Exempt Employees
 City Employees
 Consultant
 Vacant

Appendix A
Project Organization Chart

