

MARCH 2012

*Based on data date cut-off of
March 23, 2012.*



MONTHLY PROGRESS REPORT

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

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1. EXECUTIVE SUMMARY

1.1 PROJECT HIGHLIGHTS AND MILESTONES ACHIEVED

- 1.1.1 The Honolulu Authority for Rapid Transportation (HART) Board of Directors unanimously confirmed the selection of Daniel Grabauskas as the agency's CEO/Executive Director to oversee the Honolulu rail transit project at the March 1 board meeting. "I am humbled to be selected as HART executive director and I am fully committed to helping bring this project to reality," Grabauskas said. "I want to thank the HART Board for its support and I look forward to working with the HART staff as we continue moving forward." He begins his three-year HART contract in April.
- 1.1.2 Mr. Grabauskas is currently chairman and senior strategic adviser of the Bronner Center for Transportation Management and formerly served as general manager of the Massachusetts Bay Transportation Authority (MBTA) where he was responsible for the oversight of a 6,100-employee operation, an annual operating budget of \$1.4 billion and an annual capital budget of more than \$500 million. His work also included completion of several capital expansion projects, including an 18-mile commuter rail line. He also served as Secretary of Transportation for the state of Massachusetts, with oversight of a \$1.4-billion annual administrative budget and an annual capital budget of more than \$1.8 billion.
- 1.1.3 Newly selected HART CEO/Executive Director Daniel Grabauskas and Deputy Director Toru Hamayasu met with the key political supporters of the Honolulu Rail Project in Washington, DC, on March 27. The dignitaries included Federal Transit Administration (FTA) Administrator Peter Rogoff and Hawaii's congressional delegation -- U.S. Sens. Daniel K. Inouye and Daniel Akaka, and U.S. Reps. Mazie Hirono and Colleen Hanabusa. Discussions centered on the status of the project in preparation for receiving additional federal funds and the expected execution of the Full Funding Grant Agreement, which provides \$1.55 billion in federal money. President Obama's FY2013 budget includes \$250 million for the project. Mr. Grabauskas said the meeting with the FTA went well, with Mr. Rogoff reiterating comments made two weeks ago by U.S. Transportation Secretary Ray LaHood that the agency is committed to the project and to the funding.
- 1.1.4 "FTA administrator Peter Rogoff and Hawaii's congressional delegation reaffirmed their strong commitment to Honolulu's rail project, and we assured them our project is on track and well positioned to receive full federal funding," Mr. Grabauskas said. "Honolulu is fortunate to have such strong support from our entire congressional delegation, the FTA and the Obama Administration. Our federal partners understand that we are not just building a rail project, we are building a better future for Oahu."
- 1.1.5 During the month, consultant contracts were executed for the Real Estate Consultant, Paragon Partners Ltd., and the Kako'o Consultant, Pacific Legacy. Also, a Notice to Proceed (NTP) was issued for the Program Management Support Consultant (PMSC), InfraConsult LLC.

1.2 HART BOARD SCHEDULED MEETINGS AND EVENTS MARCH-APRIL

1.2.1 HART Board of Directors Meeting

Thursday, March 1, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.2 HART Transit-Oriented Development Committee Meeting

Thursday, March 16, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.3 HART Finance Committee Meeting

Thursday, March 16, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.4 HART Audit/Legal Committee Meeting

Thursday, March 29, 9:00 a.m., Kapolei Hale, Conference Room B, Uluohia St., Kapolei
Open to the Public.

1.2.5 HART Board of Directors Meeting

Thursday, March 29, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

1.2.6 HART Project Oversight Committee Meeting

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

1.2.7 HART Joint Meeting of Finance and Project Oversight Committees

Thursday, April 19, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public

1.2.8 HART Board of Directors Meeting

Thursday, April 19, 10:00 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 Contractor (PMOC) in their Monthly Reports with the actions taken or being taken by HART as appropriate to address and close them. *[Information added since the previous report is underlined and in italics]*; New Issues and/or Actions are denoted as **[NEW]**; Issues resolved since the previous report are denoted as **[CLOSED]** and entered in the Closed Issues table below.]

- 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 Safety 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 the State of Hawaii Department of Transportation (HDOT) *has been 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. *HDOT has advised HART that a permanent SOA Project Manager will be hired by May and the SOA Support Consultant by August.*
- 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 *were completed and a three-year contract executed on March 8.* **[CLOSED]**

Figure 1. Closed PMOC Monthly Report Issues

Closed Issues		
Item No.	Description	Month Closed
1.3.1	Utilization of Letters of No Prejudice (LONPs)	February 2012
1.3.2	Master Project Schedule Critical Path	July 2011
1.3.5	Program Management Support Consultant (PMSC) Re-Procurement	March 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 2011 for the Honolulu Rail Transit Project (H RTP) was **\$5.317 billion**, 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 is one of the last items required for HART to receive approval to enter into Final Design phase in January 2012.

[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 (EAC) reflects the basis for the latest Draft Financial Plan (September 2011), which forecasts a Project Budget of \$5.174 B.]

2.1.2 As of February 24, 2012, **\$373.4 million**, or **9.0%**, of the Project Budget has been incurred.

2.1.3 The Project’s Total Budget Contingency is currently **\$835.9 million**, of which \$653.8 million is Allocated Contingency and \$182.1 million is Unallocated Contingency.

2.1.4 Funding to Date

The figure below shows that to date, Project Revenues are \$796.1 million, against the projected amount of \$800 million in the latest draft Financial Plan (September 2011). Funding is still well ahead of the current incurred costs (actual expenditures + approved payments).

Figure 2. Revenues versus Expenditures

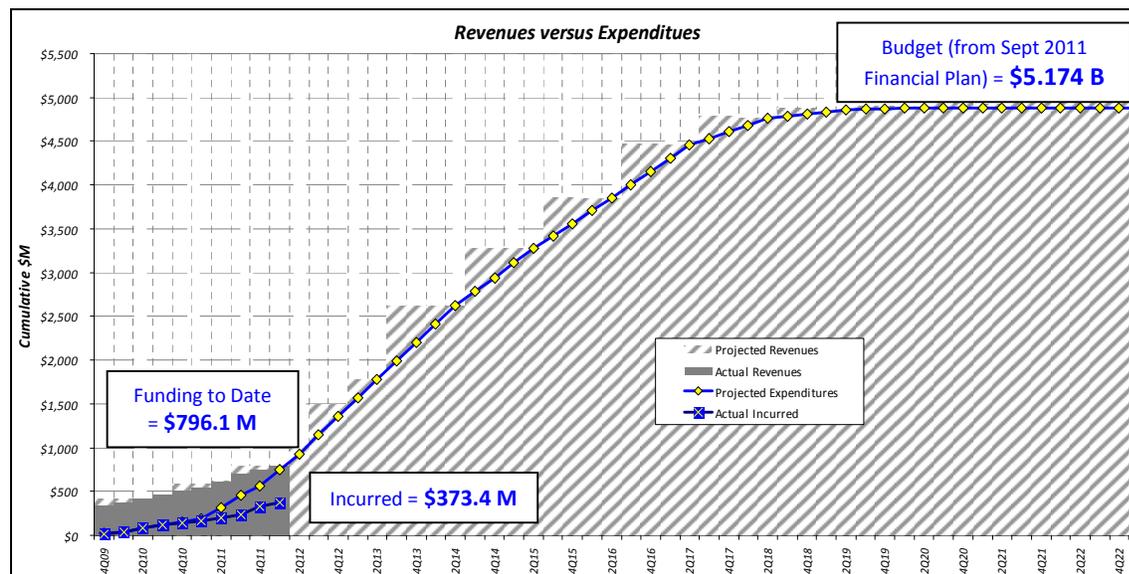


Figure 3. Sources of Project Funding

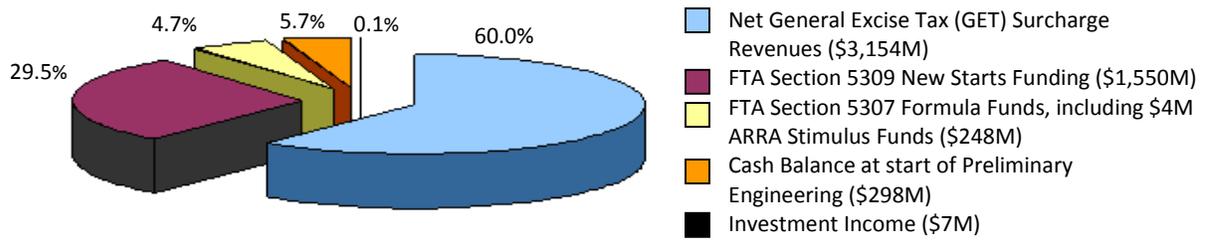


Figure 4. Planned Funding

Fund	Planned* (M)	Received To Date (M)
Net General Excise Tax (GET)	3,154	432
FTA Section 5309 New Starts	1,550	61
FTA Section 5307 Formula Funds, including ARRA	248	4
Cash Balance - Opening balance at start of PE**	298	298
Investment Income, Other Income	7	1
Totals	\$5,257	\$796

* 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.

2.1.5 Cost versus Budget Summary Status

Figure 5. Cost versus Budget-Standard Cost Code (SCC)-Summary (\$M)

Contract Type <i>(Includes Allocated Contingencies to Contracts)</i>	Current Budget <i>February '12 versus January '12</i>			Commitments		Incurred <i>(Expenditures + Approved for Payment)</i>		Estimate at Completion (EAC)	
	Jan '12	Transfers/ Changes	Feb '12	To Date	Feb '12	To Date	Feb '12	Current Forecast	Change from Last Month
	Construction								
Design-Build	1,189.09	-0-	1,189.09	1,069.38	0.00	196.47	7.37	1,206.59	(34.16)
Design-Build-Operate-Maint	642.64	-0-	642.64	573.78	0.00	12.29	1.39	655.14	+12.50
Design-Bid-Build	1,650.85	-0-	1,650.85	0.00	0.00	0.00	0.00	1,570.34	-0-
Elevators/Escalators	78.73	-0-	78.73	0.00	0.00	0.00	0.00	62.73	-0-
Owner-Furnished Plants/Shrubs	7.85	-0-	7.85	0.00	0.00	0.00	0.00	7.85	-0-
Utilities by Utility Companies	152.66	-0-	152.66	3.54	0.00	1.01	0.00	148.67	-0-
Subtotal - Construction	3,721.81	-0-	3,721.81	1,646.70	0.00	209.77	8.77	3,651.32	(21.66)
Real Estate									
ROW, Relocation & Consultant	247.94	-0-	247.94	18.12	0.08	18.12	0.08	246.35	-0-
Professional Services									
HART/City/PM Support	181.34	-0-	181.34	56.14	0.90	36.73	1.82	169.42	(3.34)
GEC (1 and 2)	346.00	-0-	346.00	230.17	0.00	102.64	7.61	346.00	-0-
HDOT Consultants	36.81	-0-	36.81	3.10	0.00	2.13	0.56	36.81	-0-
Final Design Consultants	121.82	-0-	121.82	44.64	0.30	3.94	1.09	126.61	+2.90
CE&I Consultants	94.13	-0-	94.13	0.00	0.00	0.00	0.00	94.13	-0-
Other (e.g. OCIP)	51.00	-0-	51.00	0.34	0.01	0.06	0.01	51.00	(0.00)
Subtotal - Prof Services	831.10	-0-	831.10	334.39	1.21	145.49	11.09	823.97	(0.44)
Unallocated Project Contingency	182.05	-0-	182.05	0.00	0.00	0.00	0.00	157.27	+22.10
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	1,999.21	1.29	373.39	19.94	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	1,999.21	1.29	373.39	19.94	5,173.68	-0-

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

Figure 6. Cost versus Budget – Standard Cost Code (SCC) – Details (\$M)

COST versus BUDGET - SUMMARY STATUS (\$M) - By STANDARD COST CODE (SCC)										Report Date: March 2012
										Date Data: February 24, 2012
SCC	Category	Current Budget February '12 versus January '12			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		Jan '12	Transfers/ Changes	Feb '12	To Date	Feb '12	To Date	Feb '12	Current Forecast	Change from Last Month
10	Guideway & Track (20 mi)	1,117.82	-0-	1,117.82	509.74	0.32	0.00	0.00	1,145.79	(19.60)
10.04	Guideway: Aerial	1,032.00	-0-	1,032.00	434.10	0.52	0.00	0.00	1,044.97	(10.00)
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	65.01	(1.70)	0.00	0.00	69.85	(9.60)
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	1.50	1.50	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	2.73	0.00	92.43	(0.27)
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	2.66	0.00	38.25	-0-
30.04	Storage or Mtce-of-Way Bldg	7.74	-0-	7.74	7.74	0.00	0.07	0.00	7.74	-0-
30.05	Yard & Yard Track	38.74	-0-	38.74	43.16	0.00	0.00	0.00	38.92	(0.27)
40	Sitework & Special Conditions	886.98	-0-	886.98	457.74	(6.52)	146.64	5.46	946.56	+16.08
40.01	Demolition, Clearing, Earthwk	17.24	-0-	17.24	7.90	(2.00)	0.00	0.00	17.24	-0-
40.02	Site Utilities, Utility Reloc	291.21	-0-	291.21	71.39	(0.63)	2.66	1.66	290.52	-0-
40.03	Haz Mat'l, Contam soil remove	6.72	-0-	6.72	0.00	(5.50)	0.00	0.00	6.72	-0-
40.04	Environmental Mitigation	26.72	-0-	26.72	16.54	5.50	1.65	0.13	26.72	-0-
40.05	Site structures, retain walls	19.78	-0-	19.78	8.90	1.90	0.00	0.00	19.78	-0-
40.06	Ped/bike access, landscape	37.54	-0-	37.54	5.00	1.55	0.00	0.00	36.89	-0-
40.07	Auto, bus, van accessways	181.33	-0-	181.33	34.77	(11.05)	0.43	0.00	173.78	-0-
40.08	Temporary Facil, Indirect Cost	306.43	-0-	306.43	313.24	3.70	141.90	3.67	374.91	+16.08
50	Systems	223.21	-0-	223.21	205.66	1.81	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 prot	10.73	-0-	10.73	0.00	(0.19)	0.00	0.00	10.73	-0-
50.03	Traction power supply: substn	30.17	-0-	30.17	30.98	2.00	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	1,269.48	(4.40)	149.38	5.46	2,830.45	(3.79)
60	Real Estate	177.10	-0-	177.10	18.12	0.08	18.12	0.08	153.50	-0-
60.01	Purch or lease of R/E	160.46	-0-	160.46	17.80	0.01	17.80	0.01	136.86	-0-
60.02	Relocation of existing H/H	16.64	-0-	16.64	0.33	0.07	0.33	0.07	16.64	-0-
70	Vehicles	189.70	-0-	189.70	198.92	9.22	0.00	0.00	189.70	-0-
70.01	Light Rail	171.12	-0-	171.12	180.34	9.22	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	948.94	-0-	948.94	510.88	(3.91)	205.89	14.40	937.14	(3.48)
80.01	Prelim Engineering	54.14	-0-	54.14	95.69	42.53	80.48	2.96	54.14	-0-
80.02	Final Design	198.88	(0.15)	198.73	82.47	(47.49)	2.23	1.41	199.20	(0.29)
80.03	Project Mgmt - Design & Construction	326.23	+0.02	326.25	236.08	0.92	113.06	7.36	327.25	+0.02
80.04	Construction Admin & Mgmt	170.83	-0-	170.83	34.52	0.00	6.91	1.97	170.83	-0-
80.05	Prof Liability & non-Construct Insur	51.00	-0-	51.00	0.06	0.01	0.06	0.01	39.09	(3.34)
80.06	Legal; Permits; Review Fees	63.73	(0.02)	63.71	4.77	(0.02)	2.68	0.70	67.47	(0.02)
80.07	Surveys; Testing; Investig; Inspect	12.68	+0.14	12.82	9.34	0.14	0.47	0.00	12.82	+0.14
80.08	Start-Up	71.45	-0-	71.45	47.97	0.00	0.00	0.00	66.33	-0-
90	Project Contingency	835.87	-0-	835.87	1.80	0.30	0.00	0.00	768.12	+7.27
90.01	Unallocated Project Conting	182.05	-0-	182.05	0.00	0.00	0.00	0.00	157.27	+22.10
90.02	Allocated Contract Conting	652.21	(0.30)	651.93	0.00	0.00	0.00	0.00	606.06	(18.01)
90.03	Allowance for Design	1.61	+0.30	1.89	1.80	0.30	0.00	0.00	4.79	+3.18
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	1,999.21	1.29	373.39	19.94	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	1,999.21	1.29	373.39	19.94	5,173.67	-0-

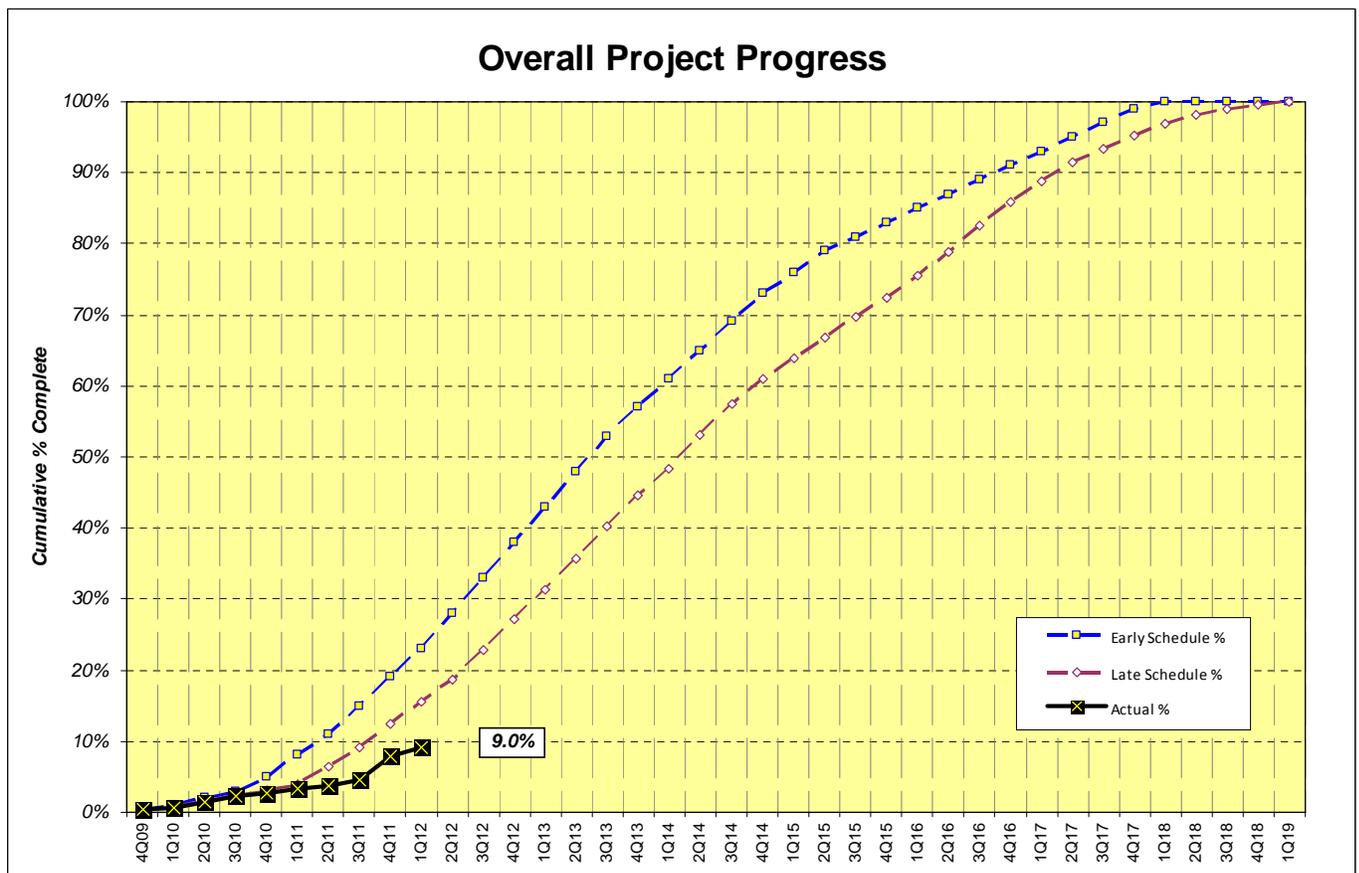
* Finance Charges beyond the Revenue Service Date are not eligible for reimbursement from FTA funds.

2.2 SCHEDULE/PROGRESS

2.2.1 As of the end of March 2012, the Project is forecasting Full Revenue Service in **March 2019**, a full 9 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 The figure below presents the Project status, based on overall earned performance against the Early Start/Late Start dates in the Master Project Schedule (MPS). Overall progress, based on the completion of milestones, is **9.0%**, which is behind the original early plan of 23.0% and a late plan of 15.5% 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 full Revenue Service Date (RSD) of March 2019 is not at risk at this time.

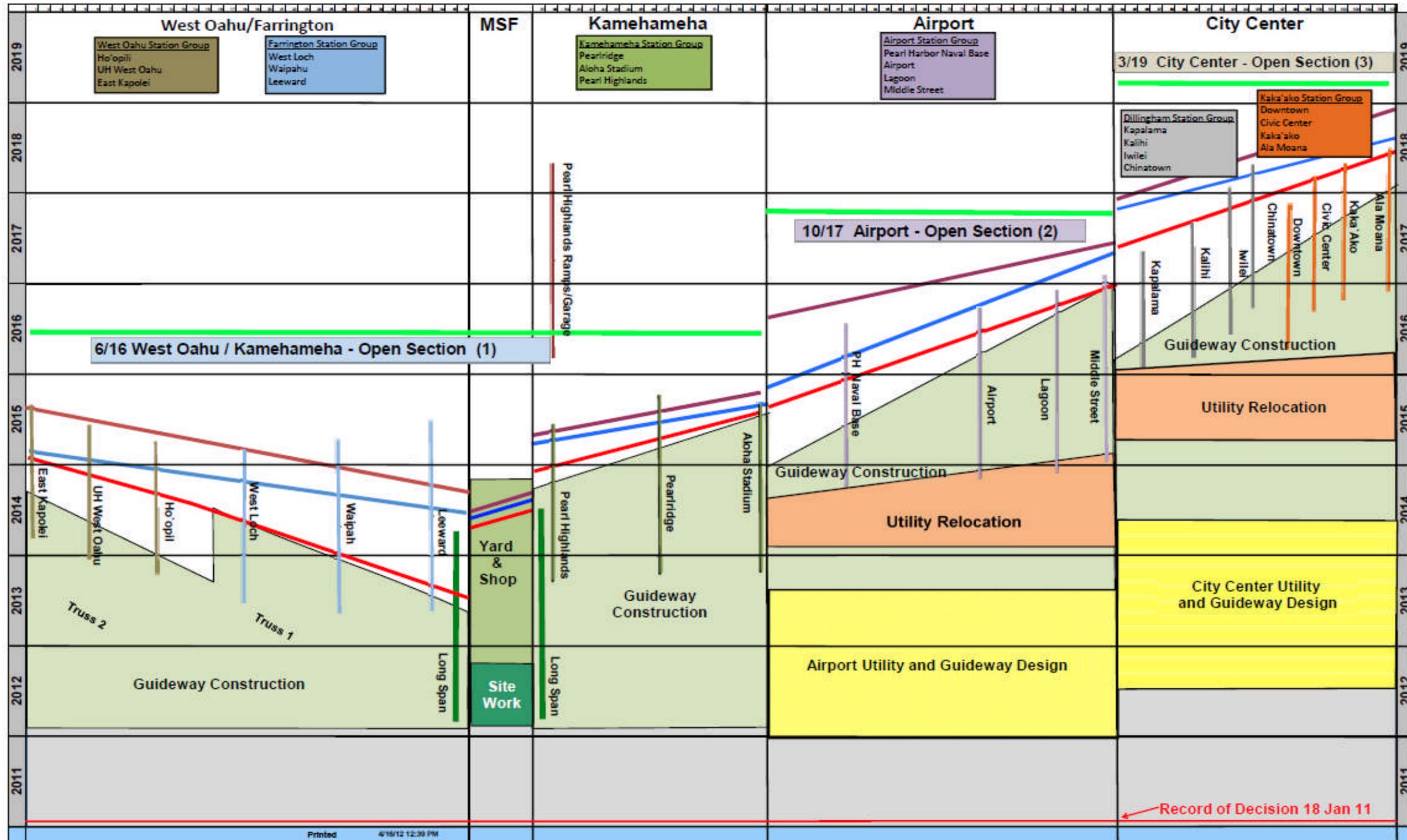
Figure 7. Overall Project Progress



2.2.3 Exhibits on the following pages:

- Figure 8. H RTP Summary Master Project Schedule (MPS)H RTP Summary Master Project Schedule (MPS)
- H RTP Linear Schedule

Figure 9. H RTP Linear Schedule



Train Control ———
 Traction Power ———
 Trackwork ———

H RTP LINEAR SCHEDULE



2.3 CONTINGENCY MANAGEMENT

[Refer to previous Figure 5 and Figure 6 Cost versus Budget - By SCC]

2.3.1 Current Budget

Total Contingency - as of June 2011	\$865.6M
Executed Change Orders	(\$19.0M)
Budget Transfer – Contract Award	(\$10.7M)
Net Current Contingency Budget.....	<u>\$835.9M</u>

2.3.2 Estimate at Completion (EAC)

Projected Contingency Usage	(\$67.8M)
Total Contingency – New Balance EAC.....	<u>\$768.1M</u>

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 February month-end, \$19.0 million in change orders have been executed for DB-120 West Oahu/Farrington Highway Guideway contract and \$10.7 million was transferred to cover FD-430 Airport Guideway and Utilities Final Design contract when the negotiated award amount exceeded the budget.

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 February month-end, \$67.8 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 Final Design phase, Total Contingency was \$846.5 million versus the current amount of \$835.9 million. See the graphics on the following pages.

Figure 10. Project Cost and Schedule Contingencies

Project Contingencies	Current Minimum	Buffer Zone	Current Amount*	Variances		
				Versus Minimum	Versus Buffer Zone	From Previous Period
Cost Contingency (\$M)	\$636.0	\$700.0	\$835.9	+\$199.9	+\$135.9	-0-
Schedule Contingency (Months)	13.0	16.0	20.0	+7.0	+4.0	0.0

**Current Budget and Updated MPS*

Figure 11. Cost Contingency Drawdown Chart

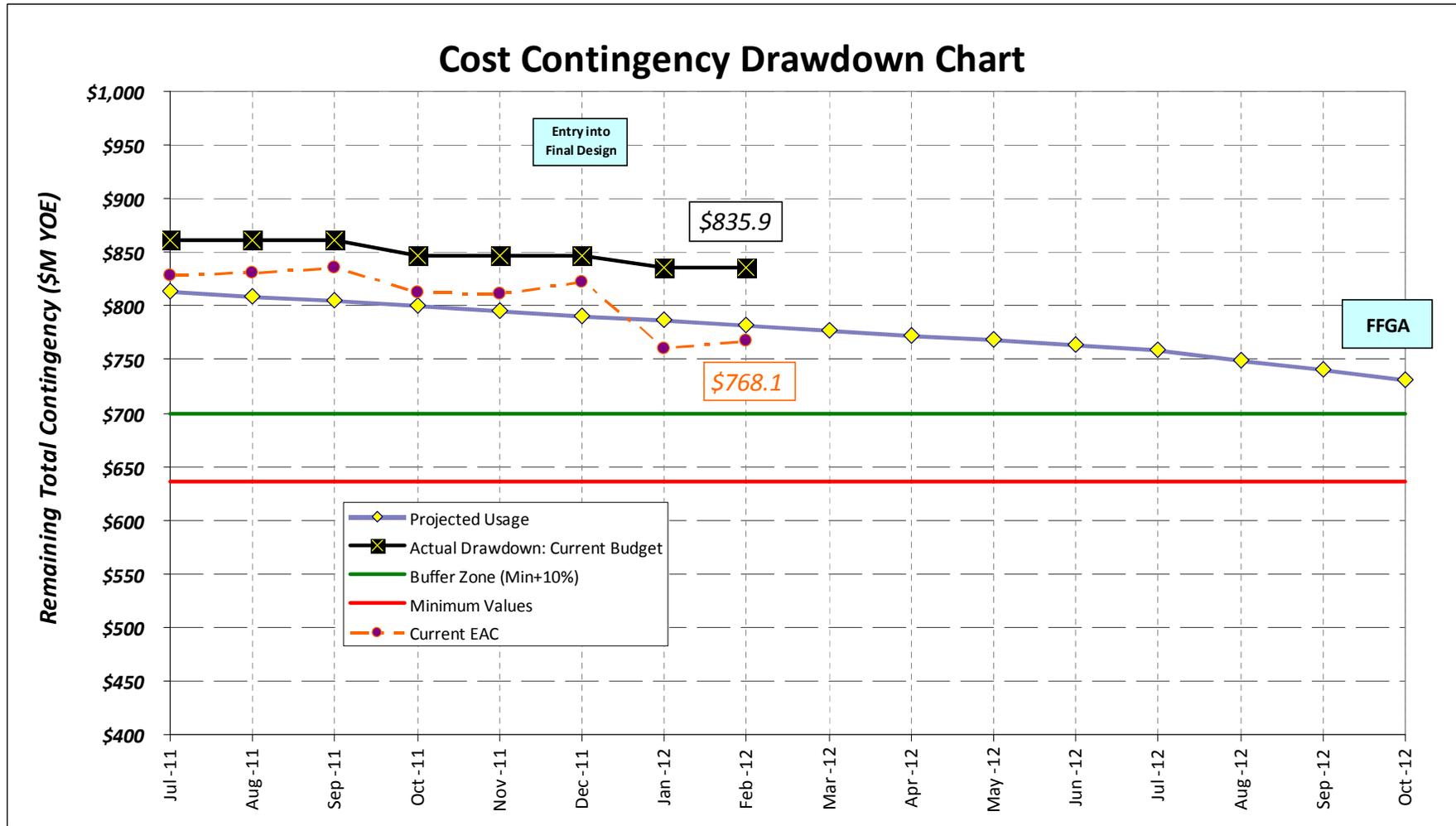
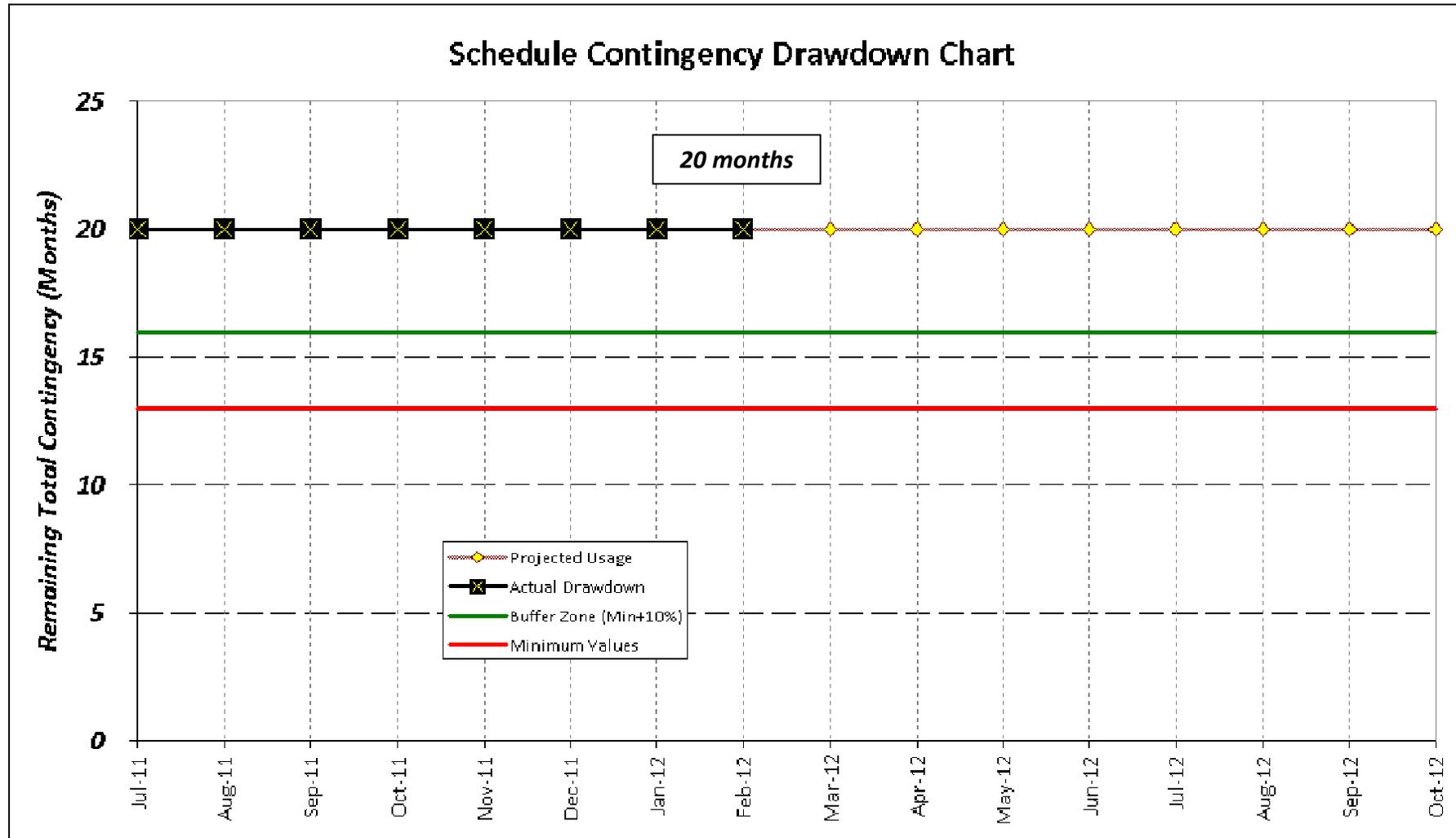


Figure 12. Schedule Contingency Drawdown Chart



3. CONTRACT STATUS

3.1 PROCUREMENT STATUS

Figure 13. Procurement Tracking Report: Design-Build (DB), Design-Build-Operate-Maintain (DBOM) and Manufacture-Install-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 BOO	Issue RFP	Submit Proposals	Execute Contract									
Design-Build Contracts																	
DB-120	West Oahu/Farrington Highway Guideway (WOFH) [Kiewit Infrastructure West Company (KIWC)]	CF Act BL Var	Feb 04 '09 Feb 04 '09 -0-	Mar 13 '09 Mar 13 '09 -0-	Mar 21 '09 Mar 21 '09 -0-	Apr 03 '09 Apr 03 '09 -0-	Aug 28 '09 Aug 28 '09 -0-	Nov 11 '09 Nov 01 '09 (10)	Dec 01 '09 Dec 01 '09 -0-	Mar 11 '10 Mar 11 '10 -0-	Mar 23 '10 Mar 23 '10 -0-	Jun 04 '10 Jun 04 '10 -0-	Mar 03 '11 Dec 08 '10 (85)	May 24 '11 Mar 15 '11 (70)	Feb 06 '12 Feb 06 '12 -0-	Jan 31 '15 Jan 31 '15 -0-	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, NTP4A: Construction w/o Casting Yd (02/06/12) Substan'y Compl'n = November 2014
DB-200	Maintenance and Storage Facility (MSF) [Kobayashi Joint Venture (KJ)]	CF Act BL Var	May 29 '09 May 29 '09 -0-	Jul 02 '09 Jul 02 '09 -0-	Jul 17 '09 Jul 17 '09 -0-	Jul 24 '09 Jul 24 '09 -0-	Feb 17 '10 Feb 17 '10 -0-	Jun 30 '11 Jun 30 '11 -0-	Jul 25 '11 Jul 25 '11 (142)	----- ----- -----	----- ----- -----	----- ----- -----	Jan 10 '12 Sep 03 '11 (129)	Feb 07 '12 Feb 07 '12 -0-	----- ----- -----	Jan 05 '15 Jan 05 '15 -0-	NTP1: Prelim Engrg; NTP2: Final Design; NTP3: Construction Substan'y Compl'n = November 2014
DB-320	Kamehameha Guideway (KHG) [Kiewit Infrastructure West Company (KIWC)]	CF Act BL Var	Nov 18 '09 Nov 18 '09 -0-	Jan 05 '10 Jan 05 '10 -0-	Feb 15 '10 Feb 15 '10 -0-	Mar 19 '10 Mar 19 '10 -0-	Oct 07 '10 Oct 07 '10 -0-	Jun 30 '11 Jun 30 '11 (72)	Jul 12 '11 Jul 12 '11 (80)	----- ----- -----	----- ----- -----	----- ----- -----	Jan 16 '12 Sep 03 '11 (135)	Feb 07 '12 Feb 07 '12 -0-	----- ----- -----	Jul 01 '15 Jul 01 '15 -0-	NTP1: Prelim Engrg; NTP2: Final Design; NTP3A: Construction (02/07/12) Substan'y Compl'n = June 2015
Design-Bid-Operate-Maintain Contract																	
DBOM-920	Core Systems Contract [Ansaldo Honolulu JJ]	CF Act BL Var	Apr 09 '09 Apr 09 '09 -0-	Jun 05 '09 Jun 05 '09 -0-	Jul 15 '09 Jul 15 '09 -0-	Aug 17 '09 Aug 17 '09 -0-	Jun 07 '10 Jun 07 '10 -0-	Nov 28 '11 Nov 28 '11 (275)	Jan 13 '12 Feb 26 '11 (316)	----- ----- -----	----- ----- -----	----- ----- -----	May 01 '12 May 01 '12 -0-	Apr 15 '13 Apr 15 '13 -0-	----- ----- -----	Apr 01 '19 Apr 01 '19 -0-	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
Manufacture-Install-Test-Maintain																	
MI-930	Elevators and Escalators	CF Act BL Var	Sep 15 '12 Sep 15 '12 -0-	Oct 30 '12 Oct 30 '12 -0-	Dec 15 '12 Dec 15 '12 -0-	Jan 15 '13 Jan 15 '13 -0-	Mar 15 '13 Mar 15 '13 -0-	Jun 15 '13 Jun 15 '13 -0-	Jul 15 '13 Jul 15 '13 -0-	----- ----- -----	----- ----- -----	----- ----- -----	Jan 15 '15 Jan 15 '15 -0-	Mar 15 '16 Mar 15 '16 -0-	----- ----- -----	Nov 09 '17 Nov 09 '17 -0-	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)

[Successful Contractor]

* Schedule Reference:

- CF = Current Forecast
- ACT = ACTUAL Completed Achieved this Month
- BL = Baseline Master Project Schedule
- [Note: BL reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]
- Var = Variance of (Baseline Master Project Schedule) Less (Current Forecast)
- +Ahead(Behind)-0- versus the BL Master Project Schedule

Notes:

- WOFH: NTP4A: Construction w/o Casting Yard 02/06/2012
- KHG: NTP3A: Construction 02/07/2012

Figure 14. Procurement Tracking Report: Design-Bid-Build (DBB) Contracts

Procurement Tracking Report								
Design-Bid-Build (DBB) Contracts								
Contract #	Contract Name	Sched Ref *	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
Design-Bid-Build Contracts								
DBB-170	West Oahu Station Group Construction	CF Act B/L Var	Jun 15 '13 Jun 15 '13 -0-	Jul 30 '13 Jul 30 '13 -0-	Sep 13 '13 Sep 13 '13 -0-	Sep 27 '13 Sep 27 '13 -0-	Oct 15 '15 Oct 15 '15 -0-	Substantial Completion: Ho'opili Station May 15 '15 UH West Oahu Station Jul 15 '15 E. Kapolei Station Sep 15 '15
DBB-270	Farrington Highway Station Group Construction	CF Act B/L Var	Jan 15 '13 Jan 15 '13 -0-	Mar 30 '13 Mar 30 '13 -0-	Apr 15 '13 Apr 15 '13 -0-	May 01 '13 May 01 '13 -0-	Jun 15 '15 Jun 15 '15 -0-	Substantial Completion: Leeward Comm College Sta Jan 15 '15 Waipahu Transit Sta Mar 15 '15 W. Loch Station May 15 '15
DBB-275	Pearl Highlands Parking Structure/ Bus Transit Center Construction (Includes H2/R1 Ramp)	CF Act B/L Var	Oct 10 '15 Oct 10 '15 -0-	Dec 30 '15 Dec 30 '15 -0-	Feb 10 '16 Feb 10 '16 -0-	Feb 28 '16 Feb 28 '16 -0-	May 01 '18 May 01 '18 -0-	Substantial Completion: Mar 15 '18
DBB-370	Kamehameha Highway Station Group Construction (Includes H2/R2 Ramp)	CF Act B/L Var	Jul 15 '13 Jul 15 '13 -0-	Aug 29 '13 Aug 29 '13 -0-	Oct 13 '13 Oct 13 '13 -0-	Oct 27 '13 Oct 27 '13 -0-	Dec 01 '15 Dec 01 '15 -0-	Substantial Completion: Pearl Highlands Station Jun 15 '15 Aloha Stadium Station Aug 15 '15 Pearlridge Station * Sep 15 '15
DBB-460	Airport Section Guideway and Utilities Construction	CF Act B/L Var	Oct 15 '13 Oct 15 '13 -0-	Dec 30 '13 Dec 30 '13 -0-	Feb 15 '14 Feb 15 '14 -0-	Mar 01 '14 Mar 01 '14 -0-	Dec 30 '16 Dec 30 '16 -0-	Substantial Completion: Nov 15 '16
DBB-470	Airport Station Group Construction	CF Act B/L Var	Sep 01 '14 Sep 01 '14 -0-	Nov 15 '14 Nov 15 '14 -0-	Dec 01 '14 Dec 01 '14 -0-	Dec 10 '14 Dec 10 '14 -0-	Mar 01 '17 Mar 01 '17 -0-	Substantial Completion: Pearl Harbor Station Aug 15 '16 Airport Station Oct 15 '16 Lagoon Dr Station Dec 15 '16 Middle Street Station Jan 15 '17
DBB-560	City Center Section Guideway and Utilities Construction	CF Act B/L Var	Dec 10 '14 Dec 10 '14 -0-	Feb 28 '15 Feb 28 '15 -0-	Mar 15 '15 Mar 15 '15 -0-	Apr 01 '15 Apr 01 '15 -0-	Mar 01 '18 Mar 01 '18 -0-	Substantial Completion: Jan 15 '18
DBB-570	Dillingham Station Group Construction	CF Act B/L Var	Mar 01 '15 Mar 01 '15 -0-	May 25 '15 May 25 '15 -0-	Aug 18 '15 Aug 18 '15 -0-	Sep 01 '15 Sep 01 '15 -0-	Jul 01 '18 Jul 01 '18 -0-	Substantial Completion: Kalihi Station Nov 15 '17 Kapalama Station Jan 15 '18 Iwilei Station Mar 15 '18 Chinatown Station May 15 '18
DBB-575	Kaka'ako Station Group Construction	CF Act B/L Var	Jul 01 '15 Jul 01 '15 -0-	Sep 24 '15 Sep 24 '15 -0-	Dec 18 '15 Dec 18 '15 -0-	Jan 01 '16 Jan 01 '16 -0-	Aug 15 '18 Aug 15 '18 -0-	Substantial Completion: Downtown Station Dec 30 '17 Civic Center Station Feb 28 '18 Kaka'ako Station Apr 30 '18 Ala Moana Station Jun 30 '18
DBB-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes Construction	CF Act B/L Var	Jun 30 '16 Oct 10 '18 +832	Oct 27 '16 Dec 09 '18 +773	Oct 28 '16 Feb 02 '19 +827	Nov 10 '16 Mar 04 '19 +844	Mar 15 '18 Jun 30 '20 +838	Substantial Completion: Jan 30 '18 Current Forecast reflects MPS after 01/27/12 to pull scope within the FFGA timeframe to be in accordance with the revised 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

Figure 15. Procurement Tracking Report: Final Design (FD) 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 Agreements</i>												
FD-140	West Oahu Station Group Final Design	CF Act Jan 14 '10 B/L Jan 14 '10 Var -0-	Jan 14 '10 Jan 14 '10 -0-	-0-	-0-	-0-	Feb 08 '12 Feb 08 '12 Feb 11 '11 (362)	May 25 '12 (40)	Jun 08 '12 May 01 '12 (38)	May 31 '13 May 31 '13 -0-	Nov 14 '15 Nov 14 '15 -0-	NTP 1a: 05/29/2012 - SoM, Workshop, Design Schedule (A) NTP 1b: 07/05/2012 - PE Design (CF) NTP 2: 11/02/2012 - Interim Design (CF) NTP 3: 04/01/2013 - Final Design (CF)
FD-240	Farrington Highway Station Final Design [HDR Engineering, Inc.]	CF Act Oct 02 '09 B/L Oct 02 '09 Var -0-	Nov 19 '09 Nov 19 '09 -0-	-0-	-0-	-0-	Feb 15 '10 Apr 15 '10 Feb 15 '10 -0-	Apr 15 '10 Apr 15 '10 -0-	Jan 14 '11 Jan 14 '11 -0-	Dec 14 '12 Dec 14 '12 -0-	Jul 15 '15 Jul 15 '15 -0-	NTP 1b: 03/15/2011 - PE Design (A) NTP 2: 05/16/2011 - Interim Design (A) NTP 3: 11/23/2011 - Final Design (A)
FD-245	Pearl Highlands Parking Structure/ Bus Transit Center Final Design (includes H2/R1 Ramp)	CF Act Jun 30 '13 B/L Jun 30 '13 Var -0-	Aug 14 '13 Aug 14 '13 -0-	Sep 28 '13 -0-	Nov 04 '13 -0-	Dec 04 '13 -0-	Feb 02 '14 -0-	Feb 16 '14 -0-	Oct 01 '15 -0-	May 31 '18 -0-		
FD-340	Kamehameha Highway Station Group Final Design (includes H2/R2 Ramp)	CF Act Jun 28 '11 B/L Jun 28 '11 Var -0-	Aug 04 '11 Aug 04 '11 -0-	Sep 28 '11 -0-	Oct 19 '11 -0-	Mar 02 '12 Feb 28 '12 (3)	May 25 '12 (27)	Jun 08 '12 (27)	Jun 30 '13 -0-	Dec 31 '15 -0-	Dec 31 '15 -0-	NTP 1a: 06/12/2012 - SoM Workshop, Design Schedule (CF) NTP 1b: 09/10/2012 - PE Design (CF) NTP 2: 01/13/2013 - Interim Design (CF) NTP 3: 06/12/2013 - Final Design (CF)
FD-430	Airport Section Guideway and Utilities Final Design [AECOM Tech Svcs, Inc.]	CF Act Jan 26 '11 B/L Jan 26 '11 Var -0-	Mar 14 '11 Mar 14 '11 -0-	Apr 09 '11 -0-	Jun 09 '11 -0-	Sep 20 '11 Sep 20 '11 -0-	Dec 22 '11 Jul 31 '11 (144)	Jan 05 '12 Aug 01 '11 (157)	Jun 28 '13 -0-	Jan 29 '17 -0-	Jan 29 '17 -0-	NTP 1a: 01/05/2012 - SoM, Workshop, Design Schedule (A) NTP 1b: 02/22/2012 - Updating the PE (A) NTP 2: 07/26/2012 - Interim Design (CF) NTP 3: 02/21/2013 - Final Design (CF)
FD-440	Airport Station Group Final Design	CF Act Mar 30 '12 B/L Mar 07 '12 Var (23)	May 03 '12 -0-	Jun 21 '12 (12)	Jul 21 '12 (9)	Aug 23 '12 (12)	Oct 22 '12 (12)	Nov 05 '12 (12)	Mar 15 '14 -0-	Mar 31 '17 -0-	Mar 31 '17 -0-	Re-Packaged group includes: Pearl Harbor Naval Base Honolulu Int'l Airport; Lagoon Drive; and Middle St. TC Stations.
FD-530	City Center Section Guideway and Utilities Final Design	CF Act Dec 16 '11 B/L Dec 16 '11 Var -0-	Feb 09 '12 Feb 09 '12 -0-	Apr 05 '12 +9	May 21 '12 -0-	Jun 20 '12 -0-	Aug 19 '12 -0-	Sep 02 '12 -0-	May 15 '14 -0-	Mar 31 '18 -0-	Mar 31 '18 -0-	
FD-540	Dillingham Station Group Final Design	CF Act Sep 03 '12 B/L Sep 03 '12 Var -0-	Nov 07 '12 -0-	Jan 11 '13 -0-	Feb 17 '13 -0-	Mar 19 '13 -0-	May 18 '13 -0-	Jun 01 '13 -0-	Nov 23 '14 -0-	Jul 31 '18 -0-	Jul 31 '18 -0-	Re-Packaged group includes: Kalihi; Kapalama; Iwilei; and Chinatown Stations.
FD-545	Kaka'ako Station Group Final Design	CF Act Dec 15 '12 B/L Dec 15 '12 Var -0-	Feb 18 '13 -0-	Apr 24 '13 -0-	May 31 '13 -0-	Jun 30 '13 -0-	Aug 29 '13 -0-	Sep 12 '13 -0-	Mar 06 '15 -0-	Sep 14 '18 -0-	Sep 14 '18 -0-	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 Sep 10 '14 B/L Jan 02 '17 Var +845	Dec 08 '14 Feb 16 '17 +801	Jan 14 '15 +809	Feb 13 '15 +816	Apr 14 '15 +786	Apr 27 '15 +833	May 12 '15 +832	Jul 04 '16 +848	Apr 14 '18 +838	Apr 14 '18 +838	Reflects the deferred scope in the Sept 2011 Financial Plan. Current Forecast reflects MPS after 01/27/12 to pull scope within the FFGA timeframe to be in accordance with the revised 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)
+A head/(Behind)/-0- versus the B/L Master Project Schedule

Notes:

- 1) 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.
- 2) NTP Dates in the Comments column are either Actual (A) or the Current Forecast (CF).

Figure 16. Construction Engineering and Inspection Services (CE&I) Contracts

Procurement Tracking Report												
Construction Engineering and Inspection (CE&I) Services Contracts												
Contract #	Contract Name	Sched Ref *	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 Agreements												
MM-180	West Oahu and Farrington Highway Station Groups CE&I Services	CF	May 18 '12	Jun 20 '12	Aug 07 '12	Aug 15 '12	Sep 15 '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										
		B/L	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	
Var		(51)	(39)	(42)	(13)	(14)	-0-	-0-	-0-	-0-	-0-	
MM-380	Kamehameha Highway Station Group CE&I Services (includes H2/R2 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										
		B/L	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	
Var		-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-385	Pearl Highlands Parking Structure/ Bus Transit Center CE&I Services (includes H2/R1 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										
		B/L	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	
Var		-0-	-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										
		B/L	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	
Var		-0-	-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										
		B/L	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	
Var		-0-	-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										
		B/L	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	
Var		-0-	-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										
		B/L	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	
Var		-0-	-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	Oct 17 '15	Dec 01 '15	Jan 15 '16	Feb 21 '16	Mar 22 '16	May 21 '16	Jun 04 '16	Jul 04 '16	Apr 14 '18	Reflects the deferred scope in the Sept 2011 Financial Plan. Current Forecast reflects MPS after 01/27/12 to pull scope within the FFGA timeframe to be in accordance with the revised Financial Plan.
		Act										
		B/L	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	
Var		+848	+848	+848	+848	+848	+848	+848	+848	+838		

[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.

Figure 17. 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) [InfraConsult 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-	
MM-901	Program Management Support Consultant - 2 (PMSC-2) [InfraConsult LLC]	CF	Aug 03 '11	Sep 02 '09				Feb 28 '12	Mar 08 '12	Feb 28 '15	
		Act	Aug 03 '11	Sep 02 '09				Feb 28 '12	Mar 08 '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-	(5)	(14)	(5)	
MM-905	General Engineering Consultant - 1 (GEC-1) (EIS/Preliminary Engrg) [Parsons Brinckerhoff]	CF	Jun 01 '07	Aug 24 '07					Oct 25 '09	Mar 25 '12	
		Act	Jun 01 '07	Aug 24 '07					Oct 25 '09	Mar 25 '12	
		B/L	Jun 01 '07	Aug 24 '07					Oct 25 '09	Mar 25 '12	
		Var	-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	Aug 02 '11	Aug 01 '14	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-935	Real Estate Consultant [Paragon Partners Ltd.]	CF	Apr 01 '11				Sep 08 '11	Mar 14 '12	Mar 14 '12	Mar 13 '17	
		Act	Apr 01 '11				Sep 08 '11	Mar 14 '12	Mar 14 '12	Mar 15 '17	
		B/L	Apr 01 '11				Sep 08 '11	Mar 15 '12	Mar 15 '12	Mar 15 '17	
		Var	-0-				-0-	+1	+1	+2	
MM-940	Kako'o Consultant [Pacific Legacy]	CF	May 20 '11	Jun 20 '11			Sep 09 '11	Mar 29 '12	Mar 29 '12	Feb 14 '17	
		Act	May 20 '11	Jun 20 '11			Sep 09 '11	Mar 29 '12	Mar 30 '12	Feb 14 '17	
		B/L	May 20 '11				Sep 09 '11	Mar 15 '12	Mar 15 '12	Feb 14 '17	
		Var	-0-	-0-	-0-	-0-	-0-	(14)	(14)	-0-	
MM-950	Owner Controlled Insurance Program (OCIP) Consultant	CF	Jan 31 '12				Mar 01 '12	May 18 '12	Apr 28 '12	Dec 01 '19	
		Act	Jan 31 '12				Mar 01 '12	Apr 16 '12	Apr 28 '12	Dec 01 '19	
		B/L	Jan 31 '12				Mar 01 '12	Apr 16 '12	Apr 28 '12	Dec 01 '19	
		Var	-0-	-0-	-0-	-0-	-0-	(32)	-0-	-0-	
MM-975	LEED Commissioning Services for Maintenance and Storage Facility (MSF)	CF							Oct 07 '10	Jan 14 '16	
		Act							Oct 07 '10	Jan 14 '16	
		B/L							Oct 07 '10	Jan 14 '16	
		Var							-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 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

Figure 18. HDOT Consultant Services and Other Contracts

Procurement Tracking Report											
Hawaii Department of Transportation (HDOT) Consultant Services Contracts and Other 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
HDOT Agreements											
MM-915	HDOT Traffic Management Coordination Consultant	CF Act B/L Var	Aug 15 '11 Aug 15 '11 Mar 04 '11 (164)	-0-	-0-	-0-	-0-	Apr 03 '12 Mar 16 '12 (18)	Apr 03 '12 Mar 16 '12 (18)	Feb 15 '19 Feb 15 '19 -0-	Scope of services is for the entire alignment.
MM-920	HDOT Design Coordination Consultant - West Oahu Section <i>[AECOM Tech Svcs, Inc.]</i>	CF Act B/L 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 B/L 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 B/L 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 B/L 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 Agreements											
MM-945	On-Call Construction Contractor	CF Act B/L 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 B/L Var						Apr 15 '12 Mar 15 '12 (31)	Apr 15 '12 Mar 15 '12 (31)	Feb 15 '17 Feb 15 '17 -0-	HART is using City HazMat on-call pre-qualified list to determine offerors.

[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

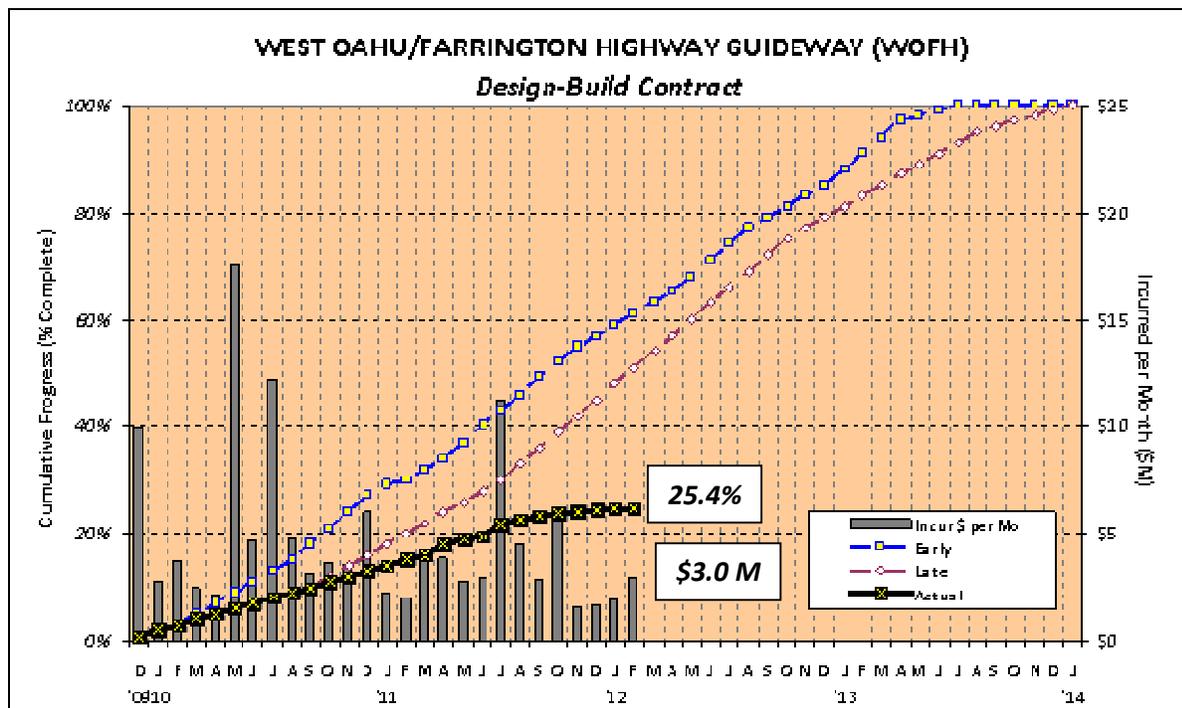
3.2 DESIGN-BUILD (DB) CONTRACTS

Contract DB-120: West Oahu/Farrington Highway Guideway (WOFH)			
DB Contractor: Kiewit Infrastructure West Company (KIWC)			
Committed:	\$501,969,231	Incurred:	\$129,084,259 (25.7%)
Authorized:	\$190,954,032 (38.0%)	Substantial Completion:	November 2014

- **Activities this month**
 - Overall progress is 25.4% on a weighted basis with design approximately 94% complete.
 - A total 245 contract submittals have been received, with 15 currently under review.
 - Geotechnical investigations are 92% complete, with 292 of a total 320 borings completed.
 - Tree relocations/removals are 68% complete, with 248 trees trimmed, relocated or removed for repurposing or without salvage.
 - Overall utility relocation is approximately 11% complete. No utility work occurred after March 16, 2012.
 - To date, HART has received 210 Requests for Information (RFIs) from Contractors, with 2 remaining open/under review.

- **Look Ahead**
 - Construction start for guideway foundations
 - Restart of utility relocations
 - Precast yard resolution.

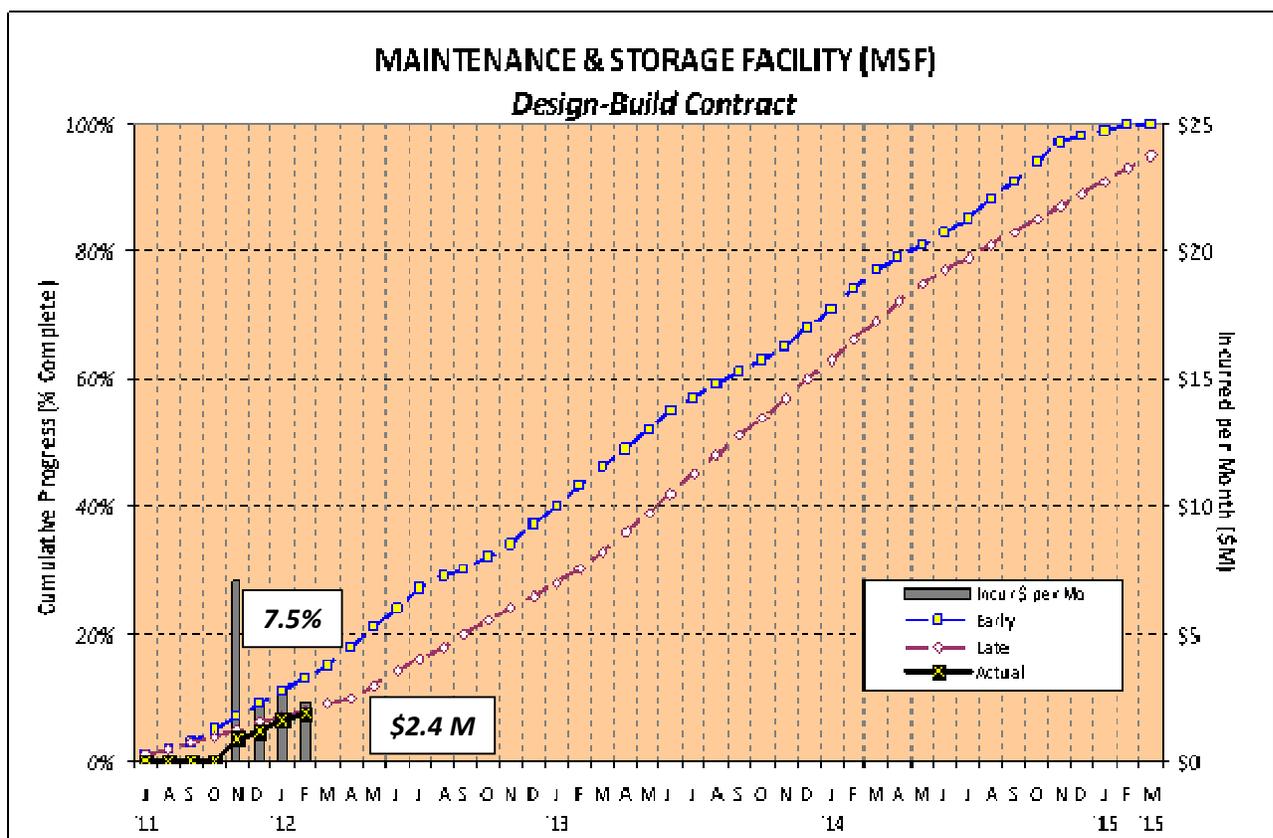
Figure 19. West Oahu/Farrington Highway Guideway (WOFH) Design-Build (DB) Contract



Contract DB-200: Maintenance and Storage Facility (MSF)			
		DB Contractor: Kiewit/Kobayashi Joint Venture (KKJV)	
Committed:	\$195,258,000	Incurred:	\$14,596,270 (7.5%)
Authorized:	\$ 83,147,938 (42.6%)	Substantial Completion:	October 2014

- **Activities this month**
 - Construction activities are underway in accordance with Notice to Proceed #3 (NTP3) and as permitted under the Letter of No Prejudice 2.
 - Overall progress is 7.5% on a weighted basis with design approximately 55% complete.
 - A total of 42 contract submittals have been received with 4 currently under review.
 - 76 Requests for Information (RFIs) have been received and 12 are under review.
- **Look Ahead**
 - Submit mass grading permit application.

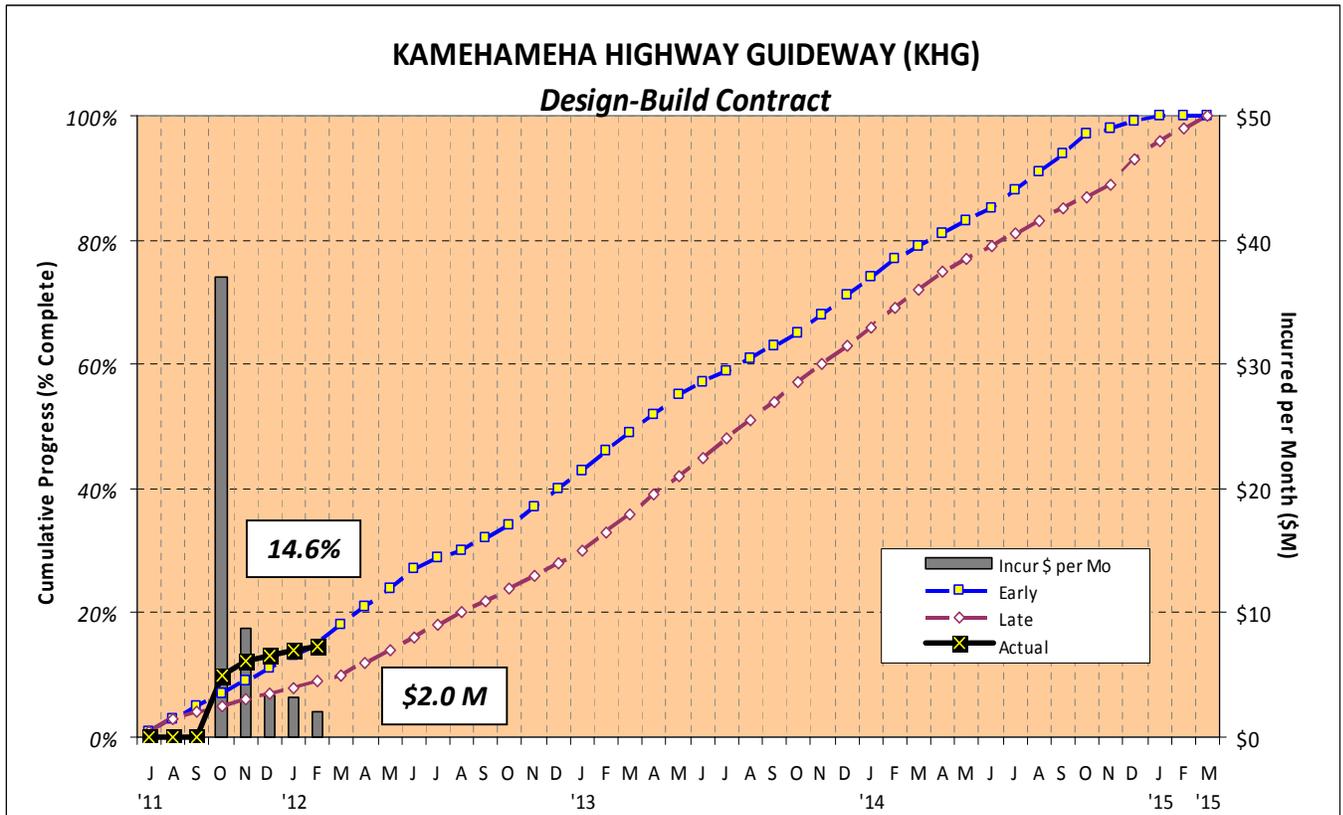
Figure 20. Maintenance and Storage Facility (MSF) DB Contract



Contract DB-320: Kamehameha Highway Guideway (KHG)			
DB Contractor: Kiewit Infrastructure West Company (KIWC)			
Committed:	\$372,150,000	Incurred:	\$54,341,000 (14.6%)
Authorized:	\$128,817,200 (34.6%)	Substantial Completion:	June 2015

- **Activities this month**
 - Construction activities are underway in accordance with Notice to Proceed #3a (NTP3a) and as permitted under the Letter of No Prejudice 2 (LONP2).
 - Overall progress is 14.6% on a weighted basis with design approximately 70% complete.
 - Geotechnical investigations are 58% complete.
 - A total of 123 contract submittals have been received, with 10 under review.
 - 58 Requests for Information (RFIs) have been received with 0 open/under review.
- **Look Ahead**
 - Commencement of foundation test shafts.

Figure 21. Kamehameha Guideway (KHG) DB Contract

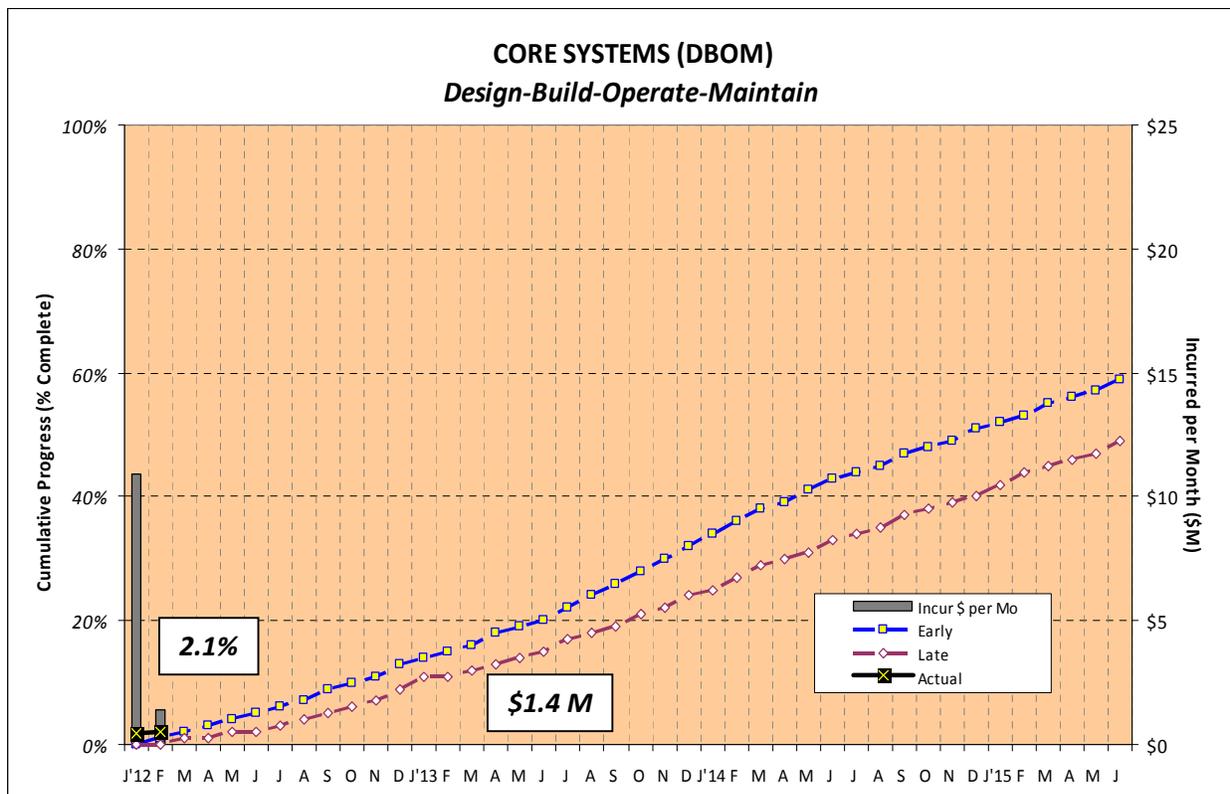


3.3 DESIGN-BUILD-OPERATE-MAINTAIN (DBOM) CONTRACT

Contract DBOM-920: Core Systems Contract (CSC)			
DBOM Contractor: Ansaldo Honolulu Joint Venture (AHJV)			
<u>Committed:</u>	\$573,872,793	<u>Incurred:</u>	\$12,890,690 (3.5%)
<u>Authorized:</u>	\$ 20,285,221	<u>Start-up Completion:</u>	April 1, 2019

- **Activities this month**
 - The Ansaldo Honolulu JV (AHJV) local office is in operation.
 - HART has transferred Core Systems interface management to AHJV, who has been actively preparing Requests for Interface Data (RFIDs) and conducting Interface meetings with fixed facilities contractors
 - AHJV is working on scopes and agreements with major sub-contractors for traction power and communications.
- **Look Ahead**
 - Completion of their Project Schedule and the associated Schedule of Milestones.

Figure 22. Core Systems Design-Build-Operate-Maintain (DBOM) Contract



3.4 DESIGN-BID-BUILD (DBB) CONTRACTS

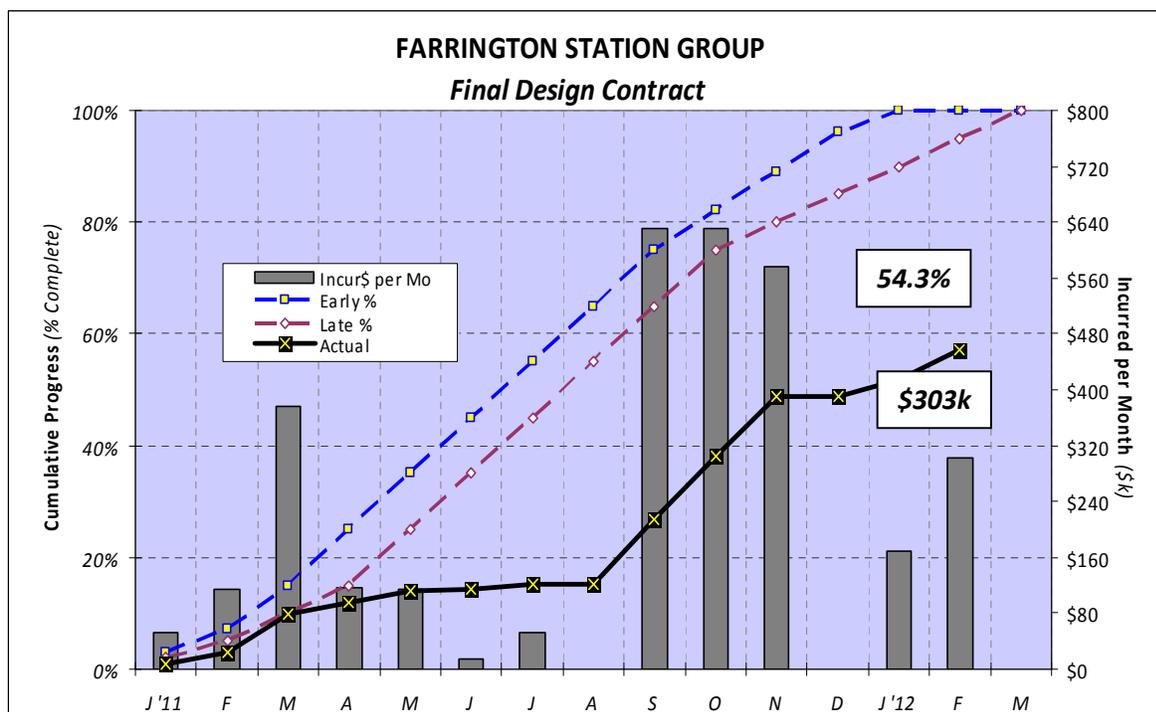
Activities this month relate to HART, General Engineering Consultant (GEC) and Final Design (FD) Consultant activities for the subject DBB construction contracts, since no DBB Construction contract has been awarded to date.

STATION DBB CONTRACTS (Awarded and In Negotiation)

Contract DBB-270: Farrington Highway Station Group (FHSG)			
Contractor FD-240: HDR Engineering, Inc., Final Design Consultant (Engineer of Record)			
<u>Committed:</u>	\$5,800,696	<u>Incurred:</u>	\$3,150,000 54.3%
<u>Authorized:</u>	\$4,380,136 (79.6%)	<u>Construction Docs Bid Ready:</u>	December 14, 2012

- **Activities this month**
 - Evaluation of the 3 station designs - concept sketches and cost estimates based on these designs have been completed.
 - Notice to Proceed #2 (NTP2) for Interim Design for the West Loch, Waipahu Transit Center and Leeward Community College (LCC) stations validation of Preliminary Engineering Design updates completed.
 - 55 RFIs have been submitted to date; all have been closed.
 - 24 Requests for Change (RFCs) are in process.
- **Look Ahead**
 - Resolution of additional costs for Preliminary Engineering updates is on-going.
 - Progress is being evaluated and a revised schedule is being developed.

Figure 23. Farrington Highway Station Group (FHSG) Final Design (FD) Contract



Contract DBB-170: West Oahu Station Group (WOSG)**Contractor FD-140: TBD, Final Design Consultant (Engineer of Record)**Construction Docs Bid Ready: May 31, 2013

- **Activities this month**
 - Station modifications were submitted. Contract negotiations continue.
- **Look Ahead**
 - Execution of the contract and NTP projected for May.

Contract DBB-370: Kamehameha Highway Station Group (KHSB)**Contractor FD-340: TBD, Final Design Consultant (Engineer of Record)**Construction Docs Bid Ready: June 30, 2013

- **Activities this month**
 - Station modifications were submitted. Contract negotiations continue.
- **Look Ahead**
 - Execution of contract and NTP projected for May.

Contract DBB-470: Airport Station Group (ASG)**Contractor FD-440: TBD, Final Design Consultant (Engineer of Record)**Construction Docs Bid Ready: March 15, 2014

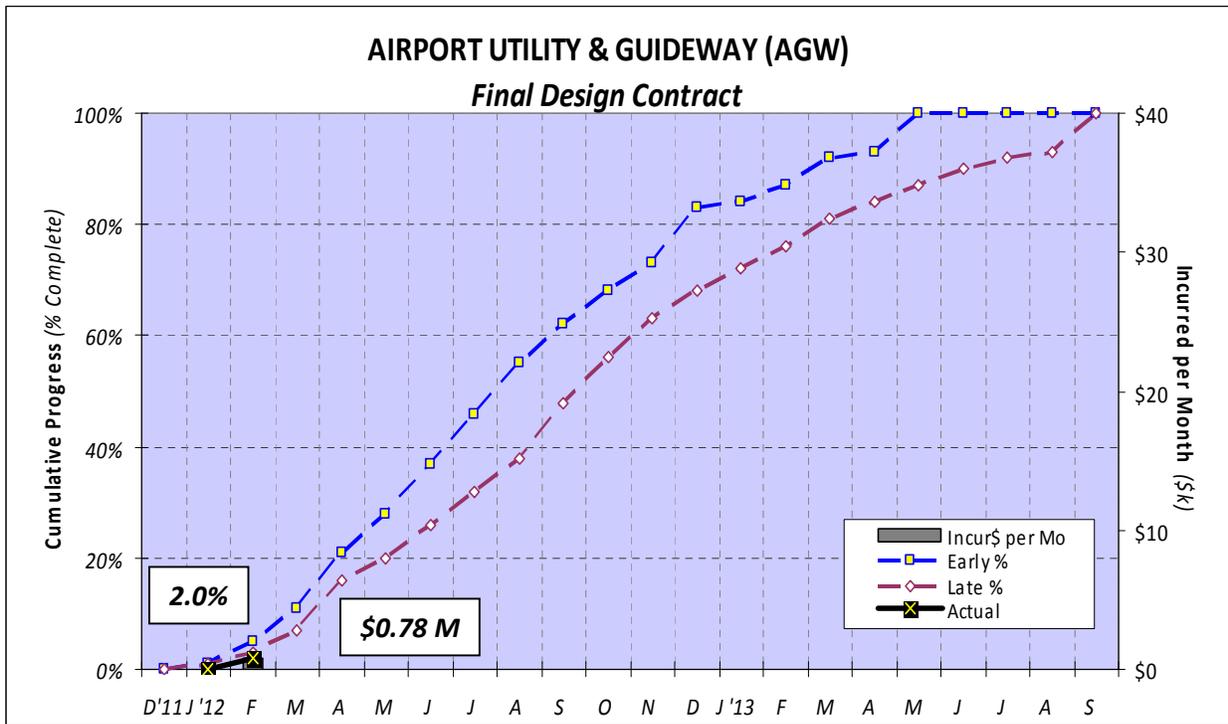
- **Activities this month**
 - Request for Qualifications (RFQ) procurement in progress.
- **Look Ahead**
 - Selection of ranked Final Design Consultant in June.

GUIDEWAY AND UTILITIES DBB CONTRACTS

Contract DBB-460:* Airport Section Guideway and Utilities Construction			
Contractor FD-430: AECOM Technical Services Inc., FD Consultant (Engineer of Record)			
<u>Committed:</u>	\$ 38,840,960	<u>Incurred:</u>	-0-
<u>Authorized:</u>	\$ 784,136 (2.1%)	<u>Construction Docs Bid Ready</u>	June 28, 2013

- **Activities this month**
 - A draft Final Design Schedule has been submitted for review and acceptance; approved Schedule of Milestones (SOM) Revision 0 was issued with the Notice to Proceed 1b (NTP1b) letter.
 - Preliminary Engineering (PE) Updated has been started.
- **Look Ahead**
 - Approval of the Final Design Schedule.
 - Continuing PE update.
 - Continuing to coordinate meetings with stakeholders: April 5 meeting scheduled with the Hawaii Department of Transportation (HDOT) Airports and Highways.

Figure 24. Airport Guideway and Utilities Final Design (FD) Contract



3.5 UTILITY AND HDOT AGREEMENTS

UTILITY CONTRACTS

- **Activities this month**
 - WOFH Utility Construction Agreements (UCAs) have been executed with: The Gas Company (TGC), Oceanic Time Warner Cable (OTWC) and AT&T, and, this month, Pacific LightNet, Inc. (PLNI, a.k.a. Wavecom).
 - A UCA with Sandwich Isles Communication (SIC) is not required, as no known relocation scope has been identified; however, one has been prepared in case of unknown conflicts, and should be executed by early May.
 - The Hawaiian Telcom (HT) UCA will follow the Hawaiian Electric Company (HECO) UCA template, and has been transmitted to HT for review, with target execution in July.
 - HECO has signed the UCA for the WOFH segment, with execution expected in mid-April. HART placed a materials order under the executed Letter of Agreement with HECO for long lead materials.
 - KHG Engineering Services Agreements (ESAs) have been executed with: Chevron, OTWC, PLNI, tw telecom and Tesoro. Remaining ESAs required for KHG are with HT and SIC, expected to be executed in April, and AT&T and TGC, expected to be executed in early May.
 - See the Figure 25. Utility Agreements Status Matrix - WOFH, KHG, Airport, City Center on the next page.

Figure 25. Utility Agreements Status Matrix - WOFH, KHG, Airport, City Center

Utility Owner	Utility Agreements Status Matrix									
	WOFH		KHG		Airport		City Center			
	ESA	UCA	ESA	UCA	UCA	UCA	COMBINED ESA	UCA	UCA	UCA
AT&T	Executed May 11 '11 NTP May 12 '11	Executed Dec 20, 2011 NTP Dec 21, 2011	Sent final version to ATT for execution	Completed draft UCA; under COR review			Preparing draft ESA			
Chevron	Executed Dec 04 '09 NTP Dec 22 '09		Executed Nov 04 '11 NTP Nov 15 '11	Preparing draft UCA			Completed draft ESA; under COR review			
Hawaiian Telcom (HT)	Executed May 20 '10 NTP June 14 '10	Sent first draft (based upon HECO) to HT for review	Reached agreement on terms & conditions; <i>pending execution</i>	Preparing draft UCA			Completed draft ESA; under COR review			
HECO	By Agreement with PB	Executed Apr 20, 2012 NTP Apr 20, 2012	Sent draft to HECO for review				Will pull design language from UFCRA			
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	Completed draft UCA; under COR review			Completed draft ESA; under COR review			
Pacific Lightnet (PLN)	Executed Apr 28 '10 NTP Apr 29 '10	Executed Mar 12, 2012 NTP Mar 13, 2012	Executed Feb 15, 2012 NTP Feb 16, 2012	Completed draft UCA; under COR review			Completed draft ESA; under COR review			
Sandwich Isle Communications	Executed May 20 '10 NTP June 08 '10	Sent final version to SIC for execution	Executed Apr 20, 2012 NTP Apr 20, 2012	Completed draft UCA; under COR review			Completed draft ESA; under COR review			
The Gas Company	Executed Dec 18 '09 NTP Dec 22 '09	Executed June 30 11 NTP Jul 12 '11	Sent final version to TGC for execution	Completed draft UCA; under COR review			Preparing draft ESA			
TW Telecom	Executed Dec 02 '09 NTP Dec 22 '09		Executed Feb 14, 2012 NTP Feb 16, 2012	Preparing draft UCA			Completed draft ESA; under COR review			
Tesoro			Executed Feb 15, 2012 NTP Feb 16, 2012	Completed draft UCA; under COR review			Completed draft ESA; under COR review			

Legend: = Action this month
 = Not applicable
 = Utility Construction Agreement
ESA = Engineering Services Agreement **UFCRA** = Combined Engineering and Construction Utility Agreement
UCA = Utility Construction Agreement **COR** = Corporation Counsel, CCH

HAWAII DEPARTMENT OF TRANSPORTATION (HDOT) AGREEMENTS**• Activities this month**

- The HDOT Design Coordination Consultant continues to review WOFH design submittals on HDOT's behalf.
- The HDOT Traffic Management Coordination Consultant contract is in procurement, with contract negotiation and draft review in progress and execution expected in April 2012.
- The Federal Highway Administration (FHWA) has formally responded to HDOT that HART has resolved the previously identified concerns. FHWA then requested an update to the Interstate crossings of the guideway, to which HART has responded.
- WOFH:
 - The WOFH Joint Use and Occupancy Agreement (JUO) amendment is in process to reflect assignment to HART. HDOT is ready to sign the JUO.
 - HART has resolved HDOT's concerns regarding assignment of the project from the City and County of Honolulu (CCH) to HART for the Master Agreement.
- KHG:
 - HART has received and is currently reviewing and addressing comments from HDOT.
- AUG:
 - HART and HDOT have held interviews for the Design Coordination Consultant for the KHG section, with contract execution projected for April.
- Look Ahead
- Execution of the WOFH Joint Use and Occupancy Agreement.
- Execution of the KHG Master Agreement.

3.6 OTHER DESIGN AND INTERFACE ACTIVITIES

- **Design Activities**
 - Continued submittal reviews and RFI and RFC responses on WOFH, FSG, KHG, MSF and AUG.
 - Submitted final architectural sketches of the station module concepts on March 15, continue to evaluate feasibility and constructability of concept and developed rough order of magnitude (ROM) estimates for the modular station concepts.
 - Met with labor union, HDOT, United States Geological Survey (USGS) and National Weather Service (NWS) to discuss Waiawa Stream bank protection and early warning system concepts.
 - Discussed Kuleana Road intersection closure (RI/RO) with HDOT; performing mid-block closure analysis.
 - Submitted draft Interchange Access Modification Report with technical appendices.
 - Finalized draft traffic analysis at Kanuku Street (entry to Best Buy) recommendations.
 - Participated in developer meetings with respect to the Ala Moana Station module concept.
 - Evaluating lowering design speed on Farrington Highway from 50 to 45 mph to address roadside design issues; posted speed remains 35 mph.
 - Reviewing draft modular station concept Directive Drawings.
- **Interface Activities**
 - The HART-GEC Core Systems Design Workgroup (CSDW) was phased out and AHJV became the point of contact for all Systems interfaces starting March 12.
 - Initiated a procedure to transfer ownership of all RFIDs responded to by the CSDW to AHJV.
 - Initiated Interface partnerships and attended Kick-Off Interface Design Meetings (IDMs):
 - [CSC-AUG – Kick-Off IDM held March 28; AUG-ASG interim – Kick-Off IDM held March 21].
 - CSC-FSG IDM resumed March 27.
 - The Interface Management Team contributed to the HART-initiated Station Module White Paper, presented to the WOFH and KHG Contract Resident Engineers (CREs) on March 29 and March 30, respectively.
 - Continued to monitor contractors' RFIDs and Interface Control Documents (ICDs) with regard to Final Design Revision 0.
 - Interfacing with adjoining contractors until the completion of procurement on the following contracts: WOSG, KHSG, ASG and Elevators/Escalators.
 - 255 RFIDs have been received, 128 remain open.
 - 24 IDMs have been facilitated.

4. GROUP REPORTS

4.1 SAFETY AND SECURITY

- **Activities this month**

- As the result of HART Safety and Security staff meeting with Hawaii Department of Transportation (HDOT) representatives, a more aggressive schedule has been implemented for the procurement of the State Safety Oversight Agency (SOA) Program Consultant contract. The HART/HDOT Memorandum of Agreement (MOA) has been signed.
- The Final Draft of the Safety and Security Management Plan (SSMP) and the Safety and Security Certification Plan (SSCP) were issued as part of the FFGA submittal.
- The Safety and Security Review Committee (SSRC) continues to address any design changes to ensure that any safety or security measures are addressed.
- Continue participation in the Fire/Life/Safety and Security Group (FLSSG).
- The Safety and Security Certification Working Group (SSCWG) continues its weekly meetings.
- Preliminary Engineering Conformance Checklists for Station Design and Core Systems are being finalized.
- Ongoing Construction and Environmental training.
- Ongoing construction work site oversight.
- Continuing to meet with Honolulu Police Department (HPD) on construction security.
- Continuing to meet with Honolulu Fire Department (HFD) on access and training.

- **Look Ahead**

- Receive the WOFH/KHG final certifiable items list based on staff comments and presented to the SSRC for acceptance; need still to receive draft MSF certifiable items list.
- Receive draft MSF certifiable items list.
- HDOT scheduled to hire SOA Program Manager by May 2012.
- HDOT scheduled to hire SOA Program Consultant by fall of 2012.

Figure 26. Construction Safety Monitoring - Safety and Security Issues

Period/Date	Contract	Event Type	Comments
2011	----	----	1-Occupational Injury/Illness.
Jan 2012			1-Occupational Injury/Illness; 1-Environmental.
Feb 2012			1-Occupational Injury/Illness; 1-Environmental.
Mar 27 '12	KHG/DB-320	Security	Vandalism at Aloha Stadium Yard.

4.2 QUALITY MANAGEMENT

- **Activities this month**
 - Conducted weekly meeting with General Engineering Consultant (GEC) Quality Assurance (QA) staff to discuss overall Project QA/Quality Control (QC) issues with consultants, contractors and internal staff.
 - Continue training new HART staff to ensure that project participants are familiar with the approved plans and procedures, updating the HART Training Matrix accordingly.
 - Began recruiting of 2 QA Engineers budgeted for the Core Systems Contract (CSC).
 - Prepared QA Audit Schedule for 2012.
 - Performed Internal QA Audit of HART Quality Management Plan (QMP) of February 27 through March 2.
 - Prepared and issued 2nd Bi-Annual (2011) QMP Management Assessment.
 - Revised HART QMP (Revision 1) to incorporate:
 - FTA/PMOC Oversight Procedure (OP) 24 comments.
 - FTA Record of Decision (ROD)/Programmatic Agreement (PA).
 - Transition from the Rapid Transit Division (RTD) to HART.
- **Contract-specific Activities this month:**
 - GEC II:
 - Continued training of GEC staff on the approved Quality Assurance Plan (QAP) and Implementation Plan (IPs).
 - Recruited a Construction QA Manager (CQAM)
 - Performed QA Audit of GEC Sub-Contractor, Lea+Elliot
 - To date, 1 Non-Conformance Report (NCR) has been issued (remains open).
 - WOFH:
 - Bi-weekly QA Task Force meetings were held with the KIWC QA Team to discuss the status of design activities, field work, NCRs and quality compliance and improvements.
 - To date, 43 NCRs have been issued: 35 by KIWC and 8 by HART/GEC (all closed).
 - Performed QA Audit (Design) of KIWC Sub-Contractor, HNTB
 - MSF:
 - KKJV commenced training and implementing the HART-approved QAP, Design Quality Assurance Plan (DQAP) and Construction Quality Assurance Plan (CQAP).
 - Bi-weekly QA Task Force meetings were held with the KKJV QA Team to discuss the status of submittals, design activities and field activities.
 - Performed QA Audit (Design) of KKJV Sub-Contractor, HNTB
 - KHG:
 - Bi-weekly Quality Task Force meetings were held with the KIWC QA Team to discuss the status of design activities, field work, NCRs and quality compliance and improvements.
 - KIWC is in the process of training and implementing the HART-approved QAP.
 - To date, 2 NCRs have been issued (all closed).
 - CSC:
 - Reviewed and accepted the AHJV QAP
 - FHSG:
 - Continue to participate in weekly HART-GEC-HDR design coordination meetings
 - Approved the revised QAP (Revision 1)
 - To date, 4 NCRs have been issued (all closed).
 - Airport Guideway:
 - Accepted the AECOM QAP.

- **Look Ahead**

- Continue mentoring and training personnel on approved Project Plans and procedures.
- Continue QA/QC and Environmental Compliance oversight of the WOFH, KHG, MSF and FHSG contracts; commenced QA oversight of CSC and AUG.
- Perform scheduled QA Audits and Surveillances (Process Audits).
- Follow-up on corrective and preventative actions on all NCRs and Observations issued.
- Assist in the quality review of Requests for Qualifications (RFQs).

4.3 RIGHT-OF-WAY STATUS AND THIRD PARTY AGREEMENTS

- **Activities this month**
 - General:
 - The NTP was issued to the Real Estate Consultant (REC).
 - Appraisals:
 - Awaiting appraisal concurrence from FTA for 2 properties in the City Center, 1 in the KHG and 1 in the WOFH sections.
 - Acquisitions:
 - HART now holds title to 16 properties. The total amount expended for acquisition of properties is \$19.5 million. This is \$6.6 million less than budgeted amount of \$20.1 million.
 - Relocations:
 - Held meetings with commercial tenants of TMK 9-8-010-002 in the KHG section.
 - 13 Banana Patch households were relocated this month.
 - The remaining 7 households and 1 church within the Banana Patch were issued 90-day notices.

Figure 27. Right-of-Way Status Summary Table

Section	Original # Parcels in FEIS	Current # Parcels Needed	Agreements In Process	Appraisals in Process	Offers	Acceptance	Relocation Complete	Ready for Construction
FULL ACQUISITION								
Total	40	38	0	8	4	7	24	10
WOFH	14	14	0	0	2	4	20	8
KHG	5	3	0	1	0	1	1	1
Airport	5	5	0	4	0	0	0	0
City Center	16	16	0	3	2	2	3	1
PARTIAL ACQUISITION								
Total	163	133	8	1	5	0	0	6
WOFH	18	10	3	1	0	0	0	5
KHG	21	7	4	0	3	0	0	0
Airport	31	34	1	0	0	0	0	1
City Center	93	82	0	0	2	0	0	0
EASEMENTS								
Total	12	12	5	0	0	0	0	1
WOFH	6	6	5	0	0	0	0	1
KHG	0	0	0	0	0	0	0	0
Airport	1	1	0	0	0	0	0	0
City Center	5	5	0	0	0	0	0	0
GRAND TOTAL	215	183	13	9	9	7	24	17

FEIS = Final Environmental Impact Statement

Figure 28. H RTP Acquisition-Relocation Agreements Status

Agreement	Section	Date Required or Agreement Complete	Current Status
University of Hawaii (UH) Master Agreement	WOFH, KHG, City Center	June 2012	Discussions underway on how to proceed; Seeking Consent to Construct prior to agreement resolution.
Leeward Community College (LCC) Sub-Agreement	WOFH	June 2012	Seeking Consent to Construct until Master Agreement is in place.
UH West Oahu (UHWO)	WOFH	November 2012	Awaiting completion of Master Agreement; Station design requirements are pending.
Department of Education (DOE) Consent to Construct and Master Agreement	WOFH	February 8, 2011	Executed.
DR Horton Agreement	WOFH	March 2012	Executed.
DHHL Master Agreement	WOFH, MSF	March 10, 2010	Executed.
DHHL Consent to Construct	WOFH, MSF	December 1, 2010	Consent to Construct is in place pending license agreement and/or property transfer is completed.
DHHL License or Property Transfer	WOFH, MSF	December 2011	DHHL is reviewing licensing agreement and discussions continue with the City on the transfer of property.
HDOT Master Agreement for WOFH	WOFH	October 31, 2011	Executed.
HDOT WOFH Use and Occupancy Agreement	WOFH	April 2012	Outstanding issues were resolved, awaiting HDOT signatures.
UH Urban Garden Sub-agreement	KHG	July 2012	Awaiting completion of Master Agreement.
HDOT Master Agreement for KHG	KHG	May 2012	Under review by HDOT, will be completed after WOFH Use and Occupancy agreement completed.
HDOT Use and Occupancy Agreement	KHG	June 2012	Will be completed after KHG Master Agreement is signed
Aloha Stadium/ Department of Accounting and General Services (DAGS)	KHG	June 2012	Draft agreement under review, negotiations continue; Have agreement for partial temporary use. Anticipate agreement in place June 1, 2012.
Post Office Administration	Airport	November 2013	Awaiting final designer to provide property requirements.

Agreement	Section	Date Required or Agreement Complete	Current Status
HDOT Master Agreement for Airport and City Center	Airport/ City Center	September 2012	Pending. Current plan is to combine Airport and City Center Agreements into one master agreement.
Federal Aviation Administration (FAA) Master Agreement	Airport	July 2013	Determination will be made if this is required as design progresses.
HDOT Use and Occupancy for Airport	Airport	July 2013	Will be completed after master agreement is in place.
HDOT Use and Occupancy for City Center	City Center	July 2014	Will be completed after master agreement is in place.
Honolulu Community College (HCC) Sub-agreement	City Center	May 2014	Awaiting completion of UH Master Agreement and determination of requirements for the station and guideway during design.
Federal Court House/ General Services Administration (GSA)	City Center	October 2014	Continuing discussions and awaiting final design requirements for the guideway.
Hawaii Community Development Authority (HCDA)	City Center	October 2014	Awaiting final design requirements for the guideway.

- **Look Ahead**

- WOFH Section:

- Make offer on TMK 9-4-047:008, a partial take for the West Loch Station, at Lower Waipahu/Farrington Highway.
- Have all Banana Patch residential and church relocations completed by June 30.
- Complete acquisition of TMK 9-1-019:050 at Waipahu Station.

- KHG Section:

- Continue negotiations for partial takes associated with TMKs 9-7-022:008, 9-7-023:008 and 9-7-022:021 at Pearl City/Kamehameha Highway.
- Enter into short-term lease agreements with tenants of TMK 9-8-010:002 at Waimalu/Aiea/Kamehameha Highway and have relocations completed by December 31.

- Airport Section:

- Continue to secure consent to enter for Archaeological Inventory Survey (AIS).

- City Center Section:

- Continue to secure consent to enter for Archaeological Inventory Survey (AIS).
- Continue negotiations for TMKs 1-5-007:021 at Kalihi/Dillingham Blvd; and a partial take associated with TMK 1-7-002:026 at Chinatown/Nimitz Highway and TMK 1-2-009:017 at Kalihi/Dillingham Blvd.

4.4 PLANNING AND ENVIRONMENTAL

- **Activities this month**

- Programmatic Agreement (PA)
 - Archaeological Inventory Surveys (AIS)
 - Phase 3 (Airport) AIS: HART is waiting for the National Pollutant Discharge Elimination System (NPDES) permit approval from the Department of Health, required for work to begin. All other permits have been received. The Navy is expected to provide a right-of-entry to its properties for the AIS trenching activities for a 90-day window starting in late March. Multiple teams can work on the AIS to meet schedule requirements.
 - Phase 4 (City Center) AIS: No additional trenching was accomplished in February. Multiple teams can work on the AIS to meet schedule requirements.
 - PA Meetings: No meetings were held in February.
 - Kako'o: The Kako'o Consultant Professional Services Contract was awarded to Pacific Legacy.
 - Photo Recordation: Historic American Buildings Survey/Historic American Engineering Record (HABS/HAER) photo recordation of adversely affected historic properties is scheduled to start at the end of March.
- Full Funding Grant Agreement (FFGA)-related Planning and Environment Tasks
 - Precast Yard:
 - The site selected on February 1 is undergoing environmental review documentation.
 - FTA reviewed draft documentation (without the traffic analysis) with minor comments.
 - A final review of full documentation and traffic analysis will occur in early March.
 - Alternatives Analysis Summary, required for the FFGA, is currently under internal review.

Before and After Study:

- Re-submitted to FTA to fulfill FFGA requirement
- Updated Milestone 2 report tables will be submitted to provide consistency with other FFGA documentation.
- The final Before Study (Milestone 3 report) will be completed in Q4 2012.
- Mitigation Monitoring Program (MMP):
 - Revisions and updates to the MMID table are in progress.
 - An internal workshop was held on February 23 on the MMP.
 - The MMP from June 30, 2011 will be updated and submitted as part of the FFGA.
 - Coordination with FTA on the formatting of Mitigation Monitoring tracking information is underway.
- Bus Fleet Management Plan: Revisions submitted on March 15.
- Post-ROD Changes and Mitigation Monitoring Program (MMP)
 - The Outdoor Circle (TOC): HART sent letter regarding continued coordination due to the lawsuit and continues to provide updated tree disposition reports to the TOC.

- HDOT/FHWA Airspace Clarifications: HART submitted a revised Categorical Exclusion (CE) to HDOT per HDOT request, which has been forwarded to FHWA.
 - The Ko'oloa'ula (*Abutilon menziesii*) flowering shrub (an endangered species endemic to Hawaii): The Memorandum of Agreement (MOA) between HART, HDOT and DLNR for HART's Certificate of Inclusion for the HDOT Abutilon Incidental Take License is in progress. No Ko'oloa'ula were identified in the field survey conducted on March 22 and none has been found in the project footprint to date.
 - Federal building: GSA and FTA are participating in on-going discussions – no updates.
 - Photo Recordation (HABS/HAER) of adversely affected historic properties to start end of March.
 - KHG Laydown Yard: Sears Yard and Pearl Ridge Yards are under study. A Shoreline Management Area (SMA) Minor Modification for the yard at Pearl Ridge is being prepared.
 - Aloha Stadium: Coordination of Right-of-Entry and Temporary Occupancy Agreements in progress.
 - Special Use Permit (SUP) for the Ho'opili Laydown Yard in the WOFH section: KIWC will submit a revised document to the City Department of Planning and Permitting (DPP) in early March, at which time HART will request a time extension for the current temporary use permit associated with this construction yard. Coordination with DPP in ongoing.
- **Look Ahead**
 - The next set of PA meetings is scheduled for mid-April.
 - Completion of SHPD review of KHG AIS Report and Monitoring Plan by May 13.

4.5 PERMITS

- **Activities this month**
 - WOFH permits received:
 - City DPP Municipal Separate Storm Sewer System (MS4) for permanent shaft dewatering in the Kaloi Drainage Canal, allowing storm water runoff from exploratory testing to enter drainage inlets owned by HDOT Highways Division.
 - Airport AIS permits received:
 - National Pollutant Discharge Elimination System (NPDES) Permit Form C (General Construction) necessary for any ground disturbance performed in the course of project construction, issued by the Hawaii Department of Health (HDOH) Clean Water Branch.
- **Look Ahead**
 - Significant permits to be received for KHG and Airport Guideway Design:
 - NPDES-Form C-General Construction.
 - Significant permits to be received for Airport Guideway Design:
 - Noise Permit necessary for performing work on weekdays, issued by the HDOH Indoor and Radiological Health Branch.
 - Noise Variance necessary for performing work at night or on weekends, Issued by the HDOH Indoor and Radiological Health Branch.

4.6 RISK MANAGEMENT

- **Activities this month**
 - Risk and Contingency Management Plan (RCMP) updating with February cost and schedule data.
 - There are 355 risks on the Risk Register
 - 18 Secondary Mitigations were reviewed with an estimated range of \$184 to \$295 million.
 - Owner Controlled Insurance Program (OCIP) Consultant contract Statements of Qualifications were received on March 1.
- **Look Ahead**
 - Risk Refresh Meeting with FTA and PMOC scheduled for April 11, 2012.
 - Take action on findings from Risk Refresh Meeting.
 - Award the OCIP Consultant contract.
 - The regular monthly meeting of the Risk Analysis Committee (RAC) will resume after the Risk Refresh.

Figure 29. Summary of Risks

Contract Packages	December 2011 # of Risks	January 2012 Update				
		Total # of Risks	Newly Sub-Divided Risks*	New Risks	Deleted Risks	
Project Wide	72	71	17*	0	1	2
WOFH	53	52	0	0	0	1
MSF	24	24	0	0	0	0
KHG	42	41	0	0	0	1
Core Systems Contract	27	25	0	0	0	2
Right of Way	12	11	0	0	0	1
Airport Guideway	50	50	0	0	0	0
City Center Guideway	55	55	0	0	0	0
Project Wide Stations	5	5	0	0	0	0
Farrington Highway Stations	2	2	0	0	0	0
West Oahu Stations	4	4	0	0	0	0
Kamehameha Highway Stations	3	3	0	0	0	0
Airport Stations	1	1	0	0	0	0
City Center Stations	3	3	0	0	0	0
Total	353	347	293*	0	1	7

*54 Project Wide risks were determined to be applicable to various contracts and have been sub-divided into those contracts and evaluated at the contract level. Total number of risks contained in the risk register is 347. There are a total of 293 risks when excluding the duplicated Project Wide risks.

Figure 30. FTA Risk Categories

FTA Risk Categories	June 2011	July 2011	Aug. 2011	Sept. 2011	Oct. 2011	Nov. 2011	Dec. 2011	Jan. 2012	
	#	#	#	#	#	#	#	#	%
Design	80	71	100	100	100	101	98	97	28%
Requirements	65	57	69	73	79	79	80	77	22%
NEPA	19	19	24	21	21	21	21	20	6%
TCC	16	16	17	17	17	17	17	17	5%
Market	13	13	10	10	10	10	10	10	3%
Geotech/ Early Construction	27	27	34	34	34	34	34	34	10%
Construction	78	78	91	92	92	92	92	91	26%
Start-Up	1	1	1	1	1	1	1	1	0.3%
Total	299	282	346	348	354	355	353	347	100%

Figure 31. Top Ten Risks

Risk ID	SCC Code	Contract Package	Risk Description	Prob	Prob Rating	Cost Impact	Time Impact	Jan. '12 Risk Rating	Dec. '11 Risk Rating
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 casting yard 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
56d	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

4.7 COMMUNITY OUTREACH

- **Activities this month**

- In the month of March, the public involvement team participated in 26 presentations, workshops and events and 13 neighborhood board meetings. To date, staff has participated in 1,173 presentations and events and 645 neighborhood boards.
- HART continues to build upon the success of its website with the addition of a new frequently asked questions (FAQ) feature on its homepage. As the official source of information, the website continues to undergo refinement and improvement of content, as part of HART's overall and ongoing outreach efforts.
- Media coverage included:
 - the visit of the new HART CEO, Dan Grabauskas, to Washington, D.C., where he met with FTA Administrator Peter Rogoff and Hawaii's congressional delegation, all of whom reaffirmed support for the project;
 - coverage around the release of the Administrative Record and the pending lawsuit; and
 - the City Council budget meetings.
- Construction outreach continues:
 - HART continues to issue traffic notifications surrounding the AIS work.
 - HART and KIWC also continue construction outreach community meetings in the West Oahu area and in the second phase of the route along Kamehameha Highway in Pear City/Aiea area.

- **Look Ahead**

- Construction of the foundation and pillars for the elevated guideway begins.
- Community (Town Hall) Meetings: 5 major community meetings slated for Honolulu, Kalihi, Salt Lake, Waipahu and Mililani, which will be the first series of community meetings with the new HART CEO, Dan Grabauskas.
- Community visits along the route.
- Governor's PacRim Safety and Health Conference.

5. STAFFING

- **Activities this month**

Figure 32. Staffing Activities

<u>Title</u>	<u>Group</u>	<u>New/Existing HART position*</u>	<u>Position Status</u>	<u>Start Date</u>
Executive Administration				
CEO/ Executive Director		New	March confirmation	April
Chief Financial Officer		New	Recruiting	
Engineering and Construction				
Civil Engineer I	Facilities	New	Filled in March	
Engineer VI	KHG	New	Filled	April
Senior Clerk	Utilities/Permits	New	Filled	April
Engineer I	Mechanical	New	Filled	April
Engineer IV	Utility	New	Offer made	July
Planner V	Permits & Hazmat	New	Offer made	July
Engineer VI	City Center	New	Recruiting	
Administration and Controls				
Quality Assurance Engineer	Mechanical	New		July 1
Quality Assurance Engineer	Electrical	New	Offer pending	
Assistant Project Officer	Admin & Controls	New	Recruiting	
Contract Change Specialist Supervisor	Configuration Management	New	Interviewing	
Human Resources Specialist I/II**	Civil Rights	New	Recruiting	
GIS Analyst III	Right-of-Way	New	Recruiting	
Manager	Document Control	New	Recruiting	
Procurement and Specifications Specialist IV	Procurement and Contracts	Existing	Recruiting	
Scheduler	Project Controls	Existing	Interviewing	
Executive Secretary	CEO	New	Interviewing	
Secretary I	Project Controls	New	Interviewing	
Labor Relations				
Manager	Project Labor Agreement	New	Recruiting	

*All HART positions unless otherwise identified as PMSC (InfraConsult).

**Per qualifications.

- **Look Ahead: Staffing Projection**

- The staffing projections (Actual versus Planned), as defined in the current Staffing Plan, are presented in the Figures on the next page.

Figure 33. Staffing Projection in current Staffing Plan

<i>[Also see the Staffing Chart on the next page.]</i>	as of:	# Employees
Target*	June 30	115
Actual*	April 30	116
Full-Time Employees budgeted for FY12**	June 30	136

*Including PMSC staff; **Excluding PMSC staff.

- HART is currently receiving direct project support in centralized City functions from the following City departments:
 - Honolulu Police Department (HPD)
 - Department of Information Technology (DIT)
 - Department of Budget and Fiscal Services (BFS)
 - Department of Design and Construction (DDC)
 - Corporation Counsel (COR)
 - Department of Human Resources (DHR)
- HART is also currently receiving direct project support in centralized City-State functions from the Hawaii Department of Transportation (HDOT) on Consultant Services Contracts.
- For greater organizational structure detail, please refer to the HART Organizational Charts in Appendix A. Project Organization Chart at the end of this report.
- The tracking of the expenditures versus the plan for the two major consultant agreements, the Program Management Support Agreement and the General Engineering Consultant II (GEC2) Agreement, are exhibited on the next page.

Figure 34. Project Management Staffing (Actual and Planned)

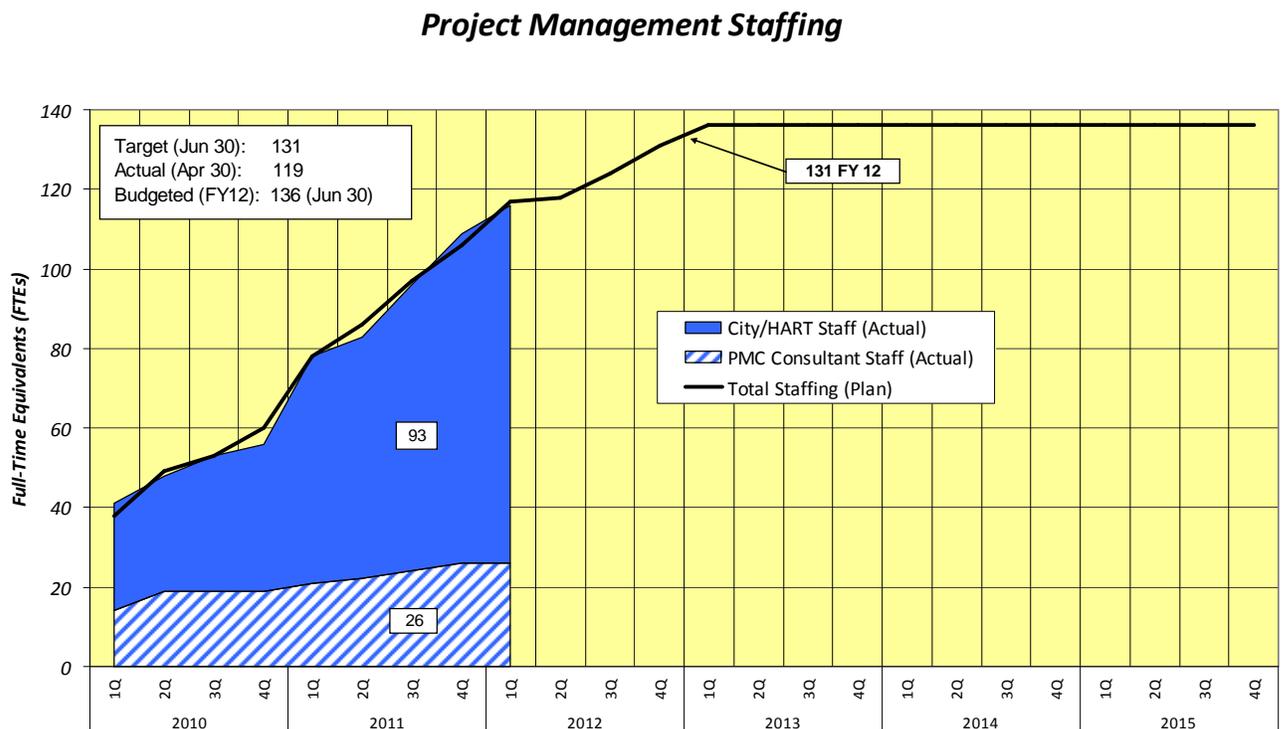


Figure 35. Program Management Support Consultant II Contract (PMSC2) Staffing

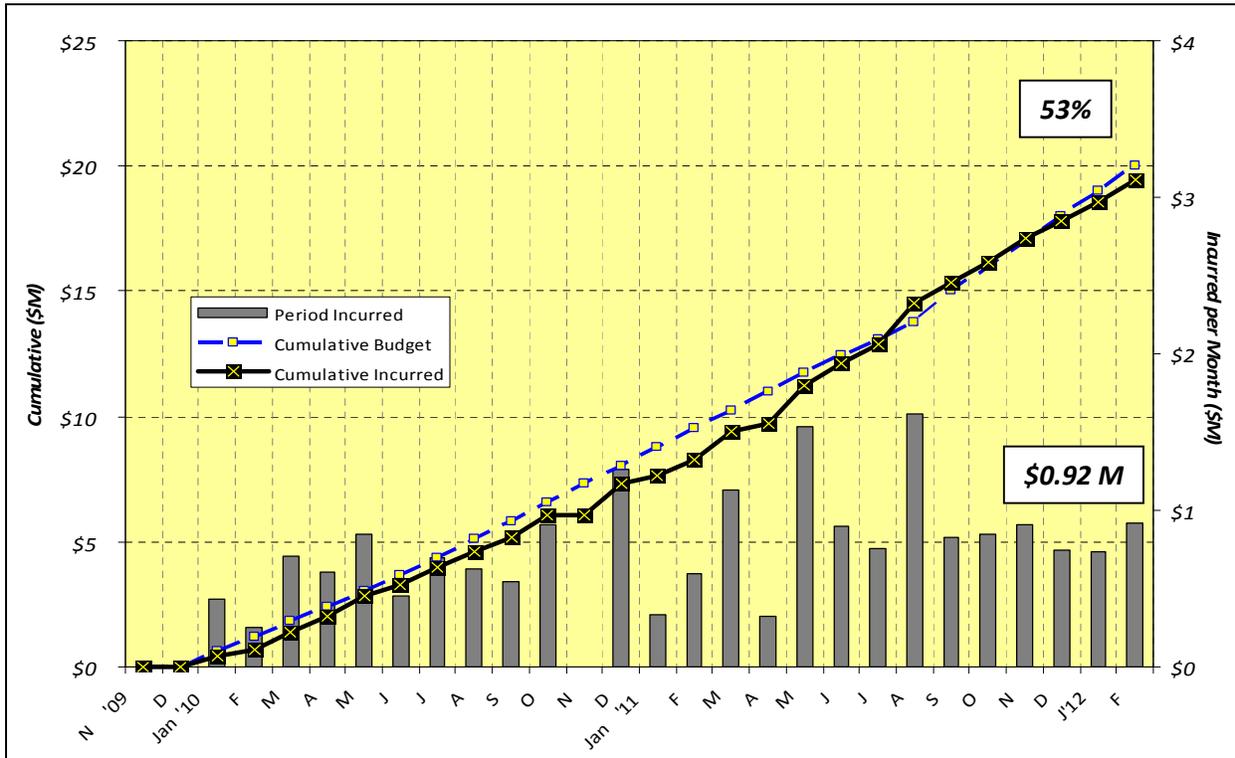
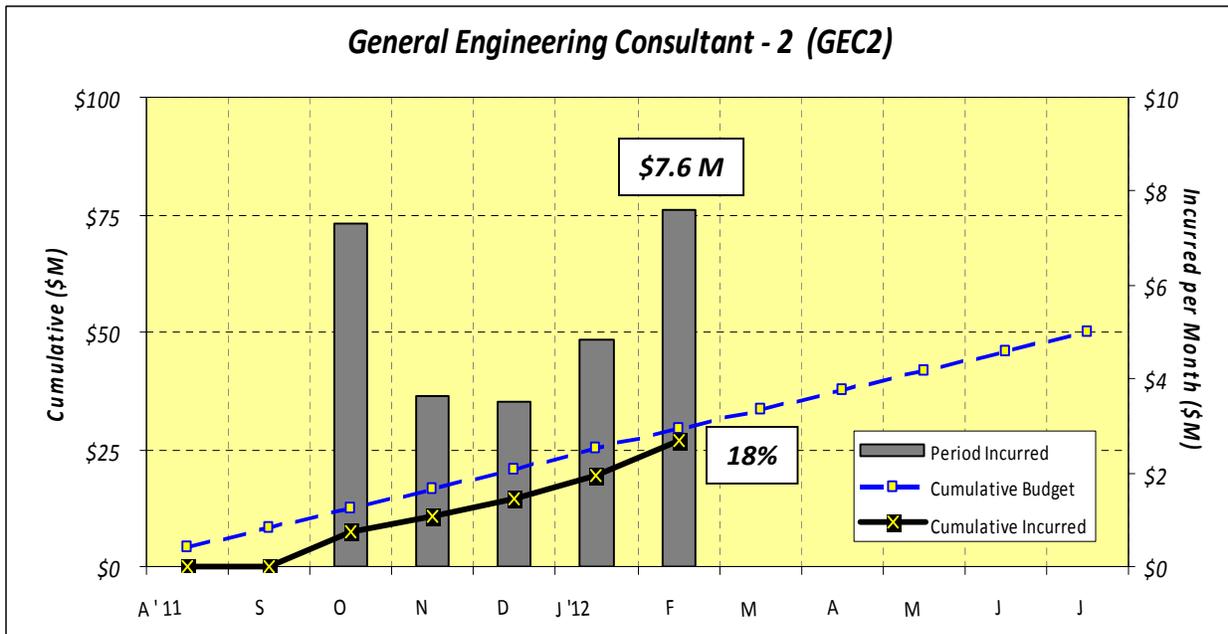


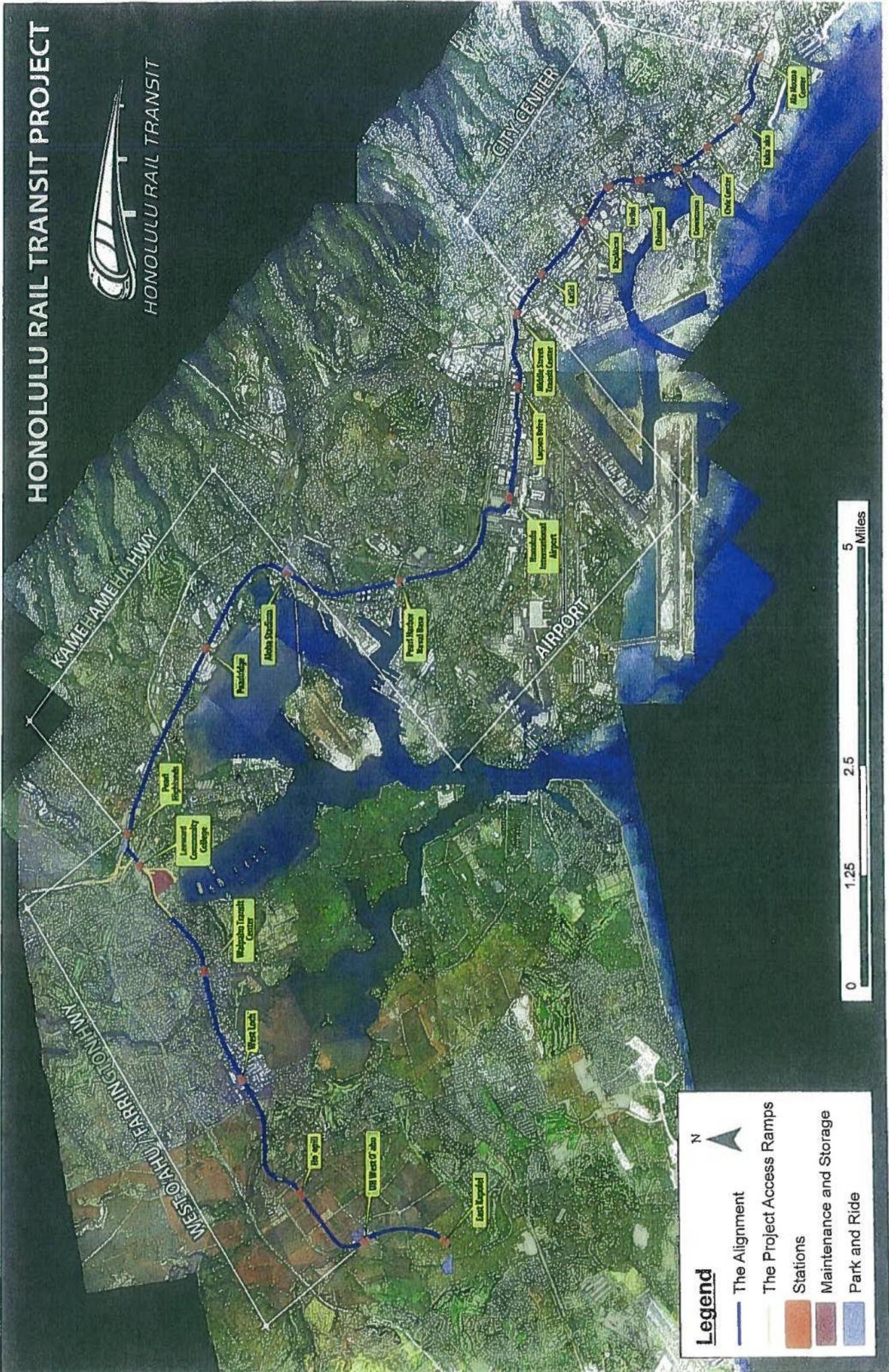
Figure 36. General Engineering Consultant II Contract (GEC2) Staffing



6. APPENDICES

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

HONOLULU RAIL TRANSIT PROJECT



Legend

- The Alignment
- The Project Access Ramps
- Stations
- Maintenance and Storage
- Park and Ride



Appendix B
Project Alignment