

May 2012

Based on data date cut-off of  
May 25, 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 first concrete footing of the Honolulu Rail Transit Project (HTRP) was poured by Kiewit Infrastructure West Co. (KIWC) construction crews at the first of nine holes drilled last month in West Oahu. West Oahu is the first area for which crews secured permits and agreements with landowners in order to begin groundwork.



- 1.1.2 On May 17, the Federal Transit Administration (FTA) authorized the Honolulu Authority for Rapid Transportation (HART) to spend up to \$21.8 million to build and equip a precast yard on a 34-acre site in Campbell Industrial Park, and to begin production of the first sections of the elevated guideway. This follows the FTA's March acceptance of the environmental review of the site. The precast yard will employ approximately 70 workers and will include a concrete batch plant, 11 segment casting beds, 3 acres of material storage areas and a 3-acre site for rebar preparation. The site is currently in the permitting process.
- 1.1.3 U.S. District Court Judge A. Wallace Tashima issued a favorable ruling in the federal lawsuit against the rail transit project and reduced the number of disputed recreational and historic sites from more than 40 to fewer than 10. The judge held that plaintiffs had no standing to challenge certain site evaluations with respect to: Piers 10/11, the Pacific War Memorial Site, the Makalapa Navy Housing Historic District, the Hawaii Employers Council building, the Tamura Building, Keehi Lagoon Beach Park, Queen Street Park or any other site not mentioned in the plaintiff's standing declarations. The court also dismissed additional claims with respect to the Pearl Harbor Landmark and the Merchant Street Historic District. The City will seek to have remaining claims formally dismissed by a separate motion scheduled to be heard in oral arguments on August 21.
- 1.1.4 HART presented its reviewed Fiscal Year 2013 Operating Budget to the Honolulu City Council Finance Committee with \$1.58 million in cuts for a proposed budget of \$21.3 million. These cuts, which would constitute a 7.7% reduction over the current FY 2012 Operating Budget, would come principally in a \$1,052,000 savings in debt service, with payments not scheduled to occur until FY 2014. Other proposed savings include: \$300,000 in postponed hiring and \$128,250 in benefits, \$21,790 in travel expenses and \$75,102 in scheduled reimbursements associated with other reductions.

- 1.1.5 HART has made available the complete 150,000-page Administrative Record of federal approval of the rail project on its website: [www.honolulustransit.org](http://www.honolulustransit.org). The Administrative Record is a collection of rail-related reports, emails, correspondence and other materials compiled and released in connection with the federal lawsuit currently challenging the project. HART also posted more than 5,000 additional pages of information as part of its ongoing effort to enhance transparency.
- 1.1.6 HART conducted a series of 5 informational community meetings from May 1-9 in Salt Lake, Kalihi, Waipahu, Mililani and downtown Honolulu. The public was able to ask questions in both large- and small-group formats. Discussions centered on 4 key areas: Cost, Construction, Operations and Transit-Oriented Development (TOD).
- 1.1.7 HART held a roundtable discussion at Leeward Community College (LCC), where construction activities will increase in the coming months. HART is building the train system's \$195-million operations center and Maintenance and Storage Facility on a 43-acre parcel between LCC and Waipahu High School. The LCC station will be the only station built at ground level. HART met with student leaders and the leadership team of Campus Chancellor Manny Cabral. Questions and concerns about the project were addressed, including ridership, technology and how students can best prepare for rail-related jobs.

## **1.2 HART Board Scheduled Meetings and Events May-June**

### **1.2.1 HART Finance Committee Meeting**

Thursday, May 3, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.  
*Open to the Public.*

### **1.2.2 HART Audit/Legal Matters Committee Meeting**

Thursday, May 3, 9:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.  
*Open to the Public.*

### **1.2.3 HART Transit-Oriented Development (TOD) Committee Meeting**

Thursday, May 17, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.  
*Open to the Public.*

### **1.2.4 HART Board of Directors Meeting**

Thursday, May 17, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.  
*Open to the Public.*

### **1.2.5 HART Finance/Project Oversight Joint Committee Meeting**

Thursday, June 7, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.  
*Open to the Public.*

### **1.2.6 HART Finance Committee Meeting**

Thursday, June 21, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.  
*Open to the Public.*

### **1.2.7 HART Board of Directors Meeting**

Thursday, June 21, 9:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.  
*Open to the Public.*

### 1.3 Issues and Actions Taken

The Project Management Oversight Contractor (PMOC) has identified the following issues in its Monthly Reports to the FTA. The HART actions being taken to address and close each issue are indicated below each respective open issue description. Issues that the HART and the PMOC have closed are indicated in the table in Figure 1 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 as the final agreement documentation goes through 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:** HDOT has advised HART that a new SOA Project Manager Position announcement will be published for July hire. A candidate has been identified for the SOA Support Consultant and contract negotiations are underway for hire by August.

**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 baseline 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 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 in January 2012.

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

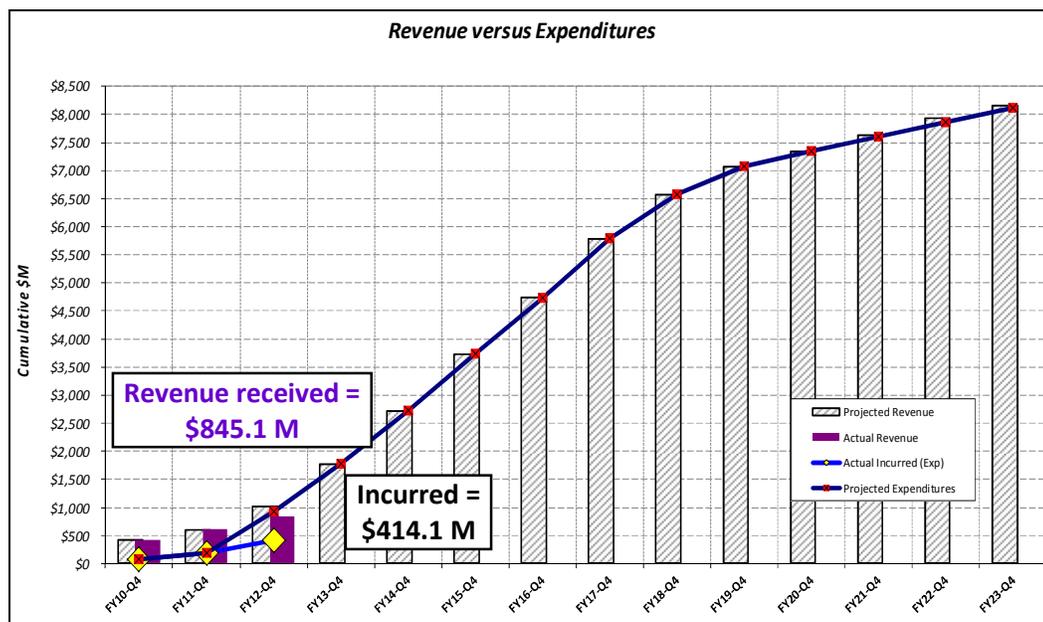
2.1.2 As of April 27, **\$414.1 million**, or **10.0%**, of the Project Budget has been incurred (actual expenditures plus approved payments).

2.1.3 The Project’s Total Budget Contingency is currently **\$835.1 million**, of which **\$653.0 million** is Allocated Contingency and **\$182.1 million** is Unallocated Contingency.

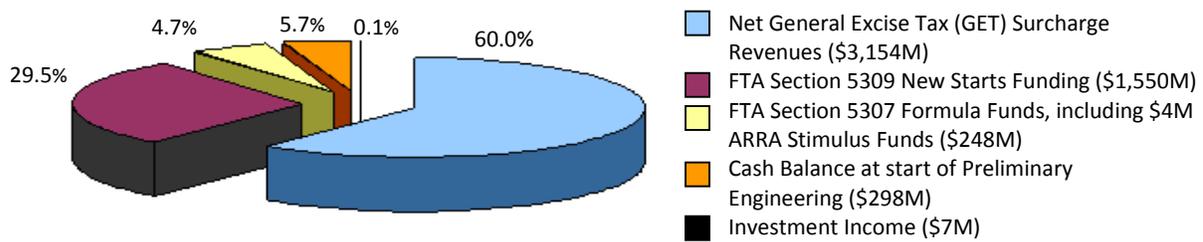
2.1.4 Funding to Date

Figure 2 below shows that as of the end-of-April data date, Project Revenue is **\$845.1 million**. The projected amount of expected revenue at the end of the 4<sup>th</sup> quarter of Fiscal Year 2012 is \$1.025 billion in the latest draft Financial Plan of September 2011. Funding remains ahead of current incurred costs.

**Figure 2. Revenue versus Expenditures**



**Figure 3. Sources of Project Funding**



**Figure 4. Planned Funding**

Fund	Planned <sup>*1</sup> (\$M)	Received to Date (\$M)
Net General Excise Tax (GET)	3,154	<sup>*2</sup> 480
FTA Section 5309 New Starts	1,550	62
FTA Section 5307 Formula Funds, including ARRA	248	4
Cash Balance - Opening balance at start of PE <sup>*3</sup>	298	<sup>*3</sup> 298
Investment Income, Other Income	7	1
<b>Totals</b>	<b>\$ 5,257</b>	<b>\$ 845</b>

<sup>\*1</sup> Per the Sept-11 Financial Plan, Project Capital Costs is planned at \$4.879M, exclusive of financing.

<sup>\*2</sup> The total GET surcharge collected since inception is \$858.7 M. However, the GET accounting that is applicable for this report is based only on the start of the Preliminary Engineering Phase, which amounts to \$480 M.

<sup>\*3</sup> Opening Cash Balance (Pre-PE) consisted of GET funds and the resulting investment interest.

2.1.5 Cost versus Budget

**Figure 5. Cost versus Budget Summary Status (\$M) – by Standard Cost Code (SCC)**

COST versus BUDGET - SUMMARY STATUS (\$M) - By STANDARD COST CODE (SCC)										Report Date: May 2012
SCC	Category	Current Budget Apr '12 versus March '12			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		Mar '12	Transfers/ Changes	Apr '12	To Date	Apr '12	To Date	Apr '12	Current Forecast	Change from Last Month
10	Guideway & Track (20 mi)	1,117.82	-0-	1,117.82	509.74	0.00	0.00	0.00	1,156.70	-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	2.73	0.00	92.74	(0.28)
40	Sitework & Special Conditions	886.98	-0-	886.98	468.43	10.09	155.44	4.92	935.86	+5.93
50	Systems	223.21	-0-	223.21	205.66	0.00	0.00	0.00	238.21	-0-
10-50	Construction Subtotal	2,831.30	-0-	2,831.30	1,280.17	10.09	158.17	4.92	2,830.96	+5.65
60	Real Estate	177.92	-0-	177.92	29.83	6.67	26.83	6.67	154.32	-0-
70	Vehicles	189.70	-0-	189.70	198.92	0.00	0.00	0.00	189.70	-0-
80	Professional Services	948.94	+0.14	949.08	546.47	33.69	229.10	13.00	935.48	+2.72
90	Project Contingency	835.05	(0.14)	834.90	1.66	(0.14)	0.00	0.00	768.44	(8.37)
100.01	Finance Charges: Project-eligible	229.86	-0-	229.86	0.00	0.00	0.00	0.00	246.98	-0-
<b>FTA TOTAL PROJECT</b>		<b>5,212.78</b>	<b>-0-</b>	<b>5,212.78</b>	<b>2,057.06</b>	<b>50.30</b>	<b>414.10</b>	<b>24.59</b>	<b>5,125.89</b>	<b>+0.00</b>
<b>Non-FTA Eligible Costs Finance Charges *</b>		<b>104.57</b>	<b>-0-</b>	<b>104.57</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>47.79</b>	<b>-0-</b>
<b>GRAND TOTAL PROJECT</b>		<b>5,317.35</b>	<b>-0-</b>	<b>5,317.35</b>	<b>2,057.06</b>	<b>50.30</b>	<b>414.10</b>	<b>24.59</b>	<b>5,173.67</b>	<b>+0.00</b>

Figure 6. Cost versus Budget– by Standard Cost Code (SCC)

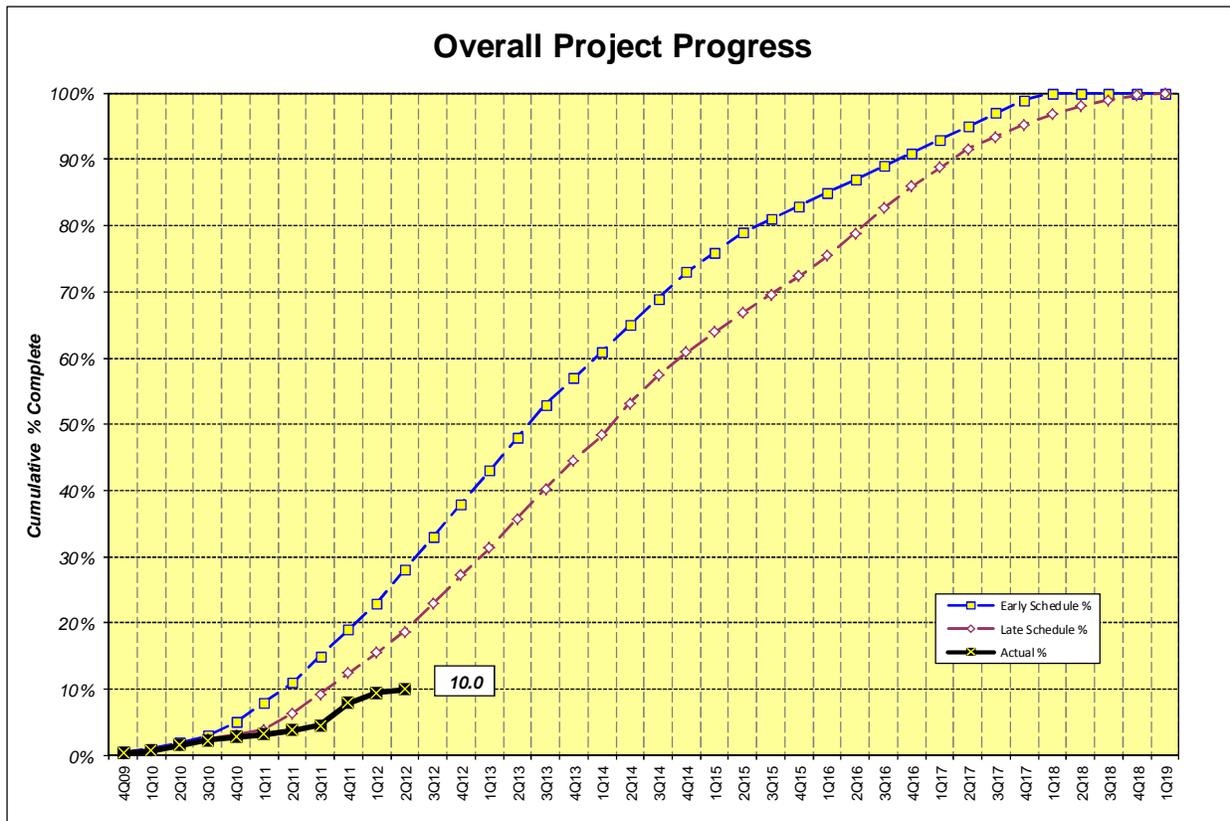
COST versus BUDGET - SUMMARY STATUS (\$M) - By STANDARD COST CODE (SCC)										Report Date: May 2012
										Data Date: April 27, 2012
SCC	Category	Current Budget Apr '12 versus March '12			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		Mar '12	Transfers/ Changes	Apr '12	To Date	Apr '12	To Date	Apr '12	Current Forecast	Change from Last Month
10	Guideway & Track (20 mi)	1,117.82	-0-	1,117.82	509.74	0.00	0.00	0.00	1,156.70	-0-
10.04	Guideway: Aerial	1,032.00	-0-	1,032.00	434.10	0.00	0.00	0.00	1,054.97	-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	65.01	0.00	0.00	0.00	90.76	-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	1.50	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	2.73	0.00	92.74	(0.28)
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	37.97	(0.28)
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	39.50	-0-
40	Sitework & Special Conditions	886.98	-0-	886.98	468.43	10.09	155.44	4.92	935.86	+5.93
40.01	Demolition, Clearing, Earthwk	17.24	-0-	17.24	7.90	0.00	0.00	0.00	17.24	-0-
40.02	Site Utilities, Utility Reloc	291.21	-0-	291.21	82.08	10.09	4.38	1.47	290.52	-0-
40.03	Haz Mat'l, Contam soil remove	6.72	-0-	6.72	0.00	0.00	0.00	0.00	6.72	-0-
40.04	Environmental Mitigation	26.72	-0-	26.72	16.54	0.00	2.25	0.32	26.72	-0-
40.05	Site structures, retain walls	19.78	-0-	19.78	8.90	0.00	0.00	0.00	19.78	-0-
40.06	Ped/bike access, landscape	37.54	-0-	37.54	5.00	0.00	0.00	0.00	36.89	-0-
40.07	Auto, bus, van accessways	181.33	-0-	181.33	34.77	0.00	0.43	0.00	173.78	-0-
40.08	Temporary Facil, Indirect Cost	306.43	-0-	306.43	313.24	0.00	148.37	3.13	364.21	+5.93
50	Systems	223.21	-0-	223.21	205.66	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 prot	10.73	-0-	10.73	0.00	0.00	0.00	0.00	10.73	-0-
50.03	Traction power supply: substn	30.17	-0-	30.17	30.98	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	1,280.17	10.09	158.17	4.92	2,830.96	+5.65
60	Real Estate	177.92	-0-	177.92	29.83	6.67	26.83	6.67	154.32	-0-
60.01	Purch or lease of R/E	158.29	-0-	158.29	25.55	0.66	20.20	0.66	134.69	-0-
60.02	Relocation of existing H/H	19.64	-0-	19.64	4.28	6.01	6.64	6.01	19.64	-0-
70	Vehicles	189.70	-0-	189.70	198.92	0.00	0.00	0.00	189.70	-0-
70.01	Light Rail	171.12	-0-	171.12	180.34	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	948.94	+0.14	949.08	546.47	33.69	229.10	13.00	935.48	+2.72
80.01	Prelim Engineering	54.14	+0.14	54.28	108.07	0.14	85.35	2.56	54.28	+0.14
80.02	Final Design	198.73	-0-	198.73	82.47	0.00	5.31	0.89	200.60	+1.54
80.03	Project Mgmt - Design & Construction	326.25	-0-	326.25	258.94	34.19	123.29	5.54	328.28	+1.03
80.04	Construction Admin & Mgmt	170.83	-0-	170.83	34.52	0.00	10.76	2.99	170.83	-0-
80.05	Prof Liability & non-Construct Insur	51.00	-0-	51.00	0.06	0.00	0.06	(0.00)	34.86	-0-
80.06	Legal; Permits; Review Fees	63.71	-0-	63.71	5.12	(0.65)	3.48	0.79	67.47	-0-
80.07	Surveys; Testing; Investig; Inspect	12.82	-0-	12.82	9.34	0.00	0.85	0.22	12.82	-0-
80.08	Start-Up	71.45	-0-	71.45	47.97	0.00	0.00	0.00	66.33	-0-
90	Project Contingency	835.05	(0.14)	834.90	1.66	(0.14)	0.00	0.00	768.44	(8.37)
90.01	Unallocated Project Conting (UPC)	182.05	-0-	182.05	0.00	0.00	0.00	0.00	162.27	-0-
90.02	Allocated Contract Conting (ACC)	651.10	-0-	651.10	0.00	0.00	0.00	0.00	604.42	(5.65)
90.03	Allowance for Design (AFD)	1.89	(0.14)	1.75	1.66	(0.14)	0.00	0.00	1.75	(2.72)
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	2,057.06	50.30	414.10	24.59	5,125.89	+0.00
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	2,057.06	50.30	414.10	24.59	5,173.67	+0.00

## 2.2 Schedule/Progress

2.2.1 As of the end of April, the forecast for Full Revenue Service is **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.

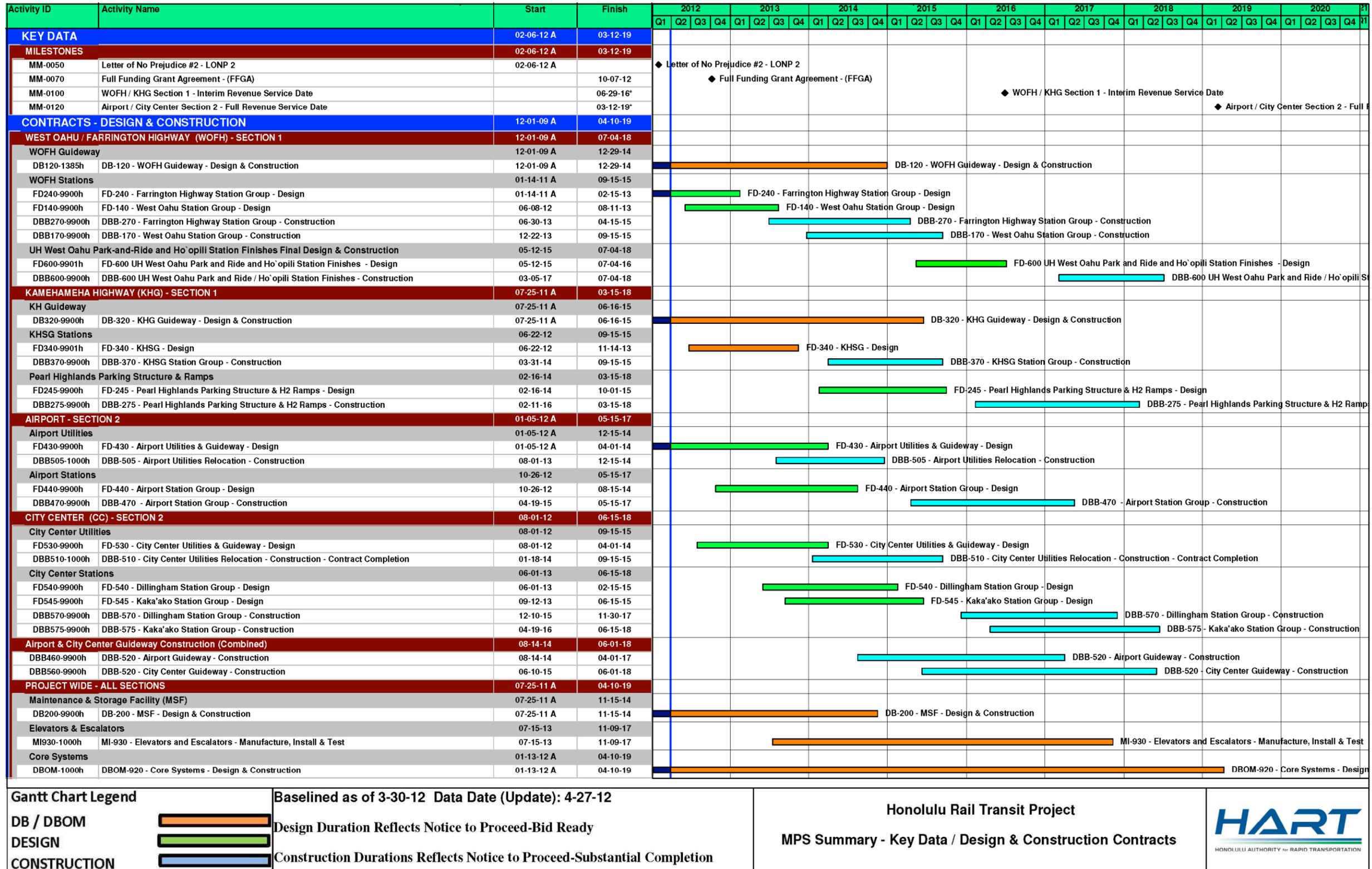
2.2.2 Figure 7 below presents the project status, based on overall earned performance against the Early Start/Late Start dates in the Master Project Schedule (MPS). Overall progress, based on completion of milestones, is **10.0%**, which is behind the original early plan of 28% and late plan of 18% due to delays to Final Design (FD) authorizations and the protracted settlement of the Core Systems contract 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 See Figure 8. H RTP Summary Master Project Schedule (MPS) on the next page.

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



## 2.3 Contingency Management

*[Refer to previous pages 9-10, Figure 5 and Figure 6, Cost versus Budget - By SCC]*

### 2.3.1 Current Budget

Total Contingency – as of June ‘11.....	\$865.6M
Executed Change Orders:	<u>(\$19.0M)</u>
Budget Transfer-Contract Award:	<u>(\$11.6M)</u>
<b>Net Current Contingency Budget.....</b>	<b>\$834.9M</b>

### 2.3.2 Estimate at Completion (EAC)

Projected Contingency Usage:	<u>(\$66.5M)</u>
Total Contingency – New Balance EAC.....	\$768.4M

Actual contingency usage is reflected in the Current Budget above. Usage consists of:

- 1) executed contract change orders and amendments and/or
- 2) authorized budget transfers in accordance with the approved change control process. (Budget transfers typically are implemented either when 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 the end of April 2012:

- \$19.0 million in change orders have been executed for the DB-120 West Oahu/ Farrington Highway Guideway (WOFH) contract;
- \$10.7 million was transferred from Unallocated Contingency to cover the award amount of the FD-430 Airport Guideway and Utilities Final Design contract, which exceeded the budget;
- \$0.8 million was transferred from Allocated Contract Contingency to contract scope on the MM-935 Real Estate Consultant contract; and
- \$0.1 million was transferred from Allowance for Design to contract scope on the FD-240 Farrington Highway Station Group (FHSG) Final Design Consultant contract.

Projected contingency usage is reflected in the Estimate at Completion (EAC) section 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. As of the end of April, \$66.5 million in contingency allowances have been applied, as appropriate, and reflect the best estimates of the future costs to complete the work.

2.3.3 Contingency Drawdown Curves

As part of the Risk and Contingency Management Plan (RCMP) for Entry into Final Design, Cost and Schedule Contingency Drawdown curves were developed. These curves established 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, Total Contingency was \$846.5 million versus the current \$834.9 million. This is above the buffer zone. See Figure 9 below and Figure 10 and

Figure 11 on the following pages.

Figure 9. Project Cost and Schedule Contingencies

Project Contingencies	Current Minimum	Buffer Zone	Current Amount*	Variance versus		
				Minimum	Buffer Zone	Previous Period
Cost Contingency (\$M)	\$636.0	\$700.0	\$834.9	+\$198.9	+\$134.9	(\$0.1)
Schedule Contingency (Months)	13.0	16.0	20.0	+7.0	+4.0	0.0

\*Current Budget and Updated MPS

Figure 10. Cost Contingency Drawdown Chart

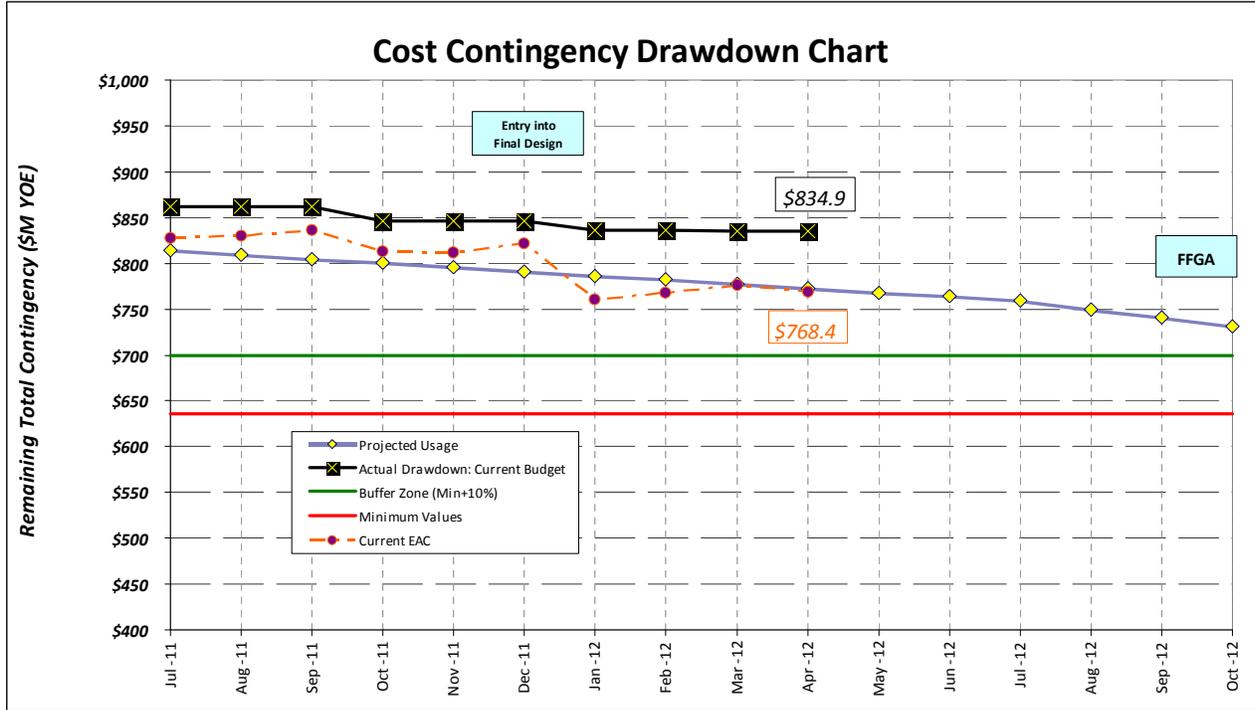
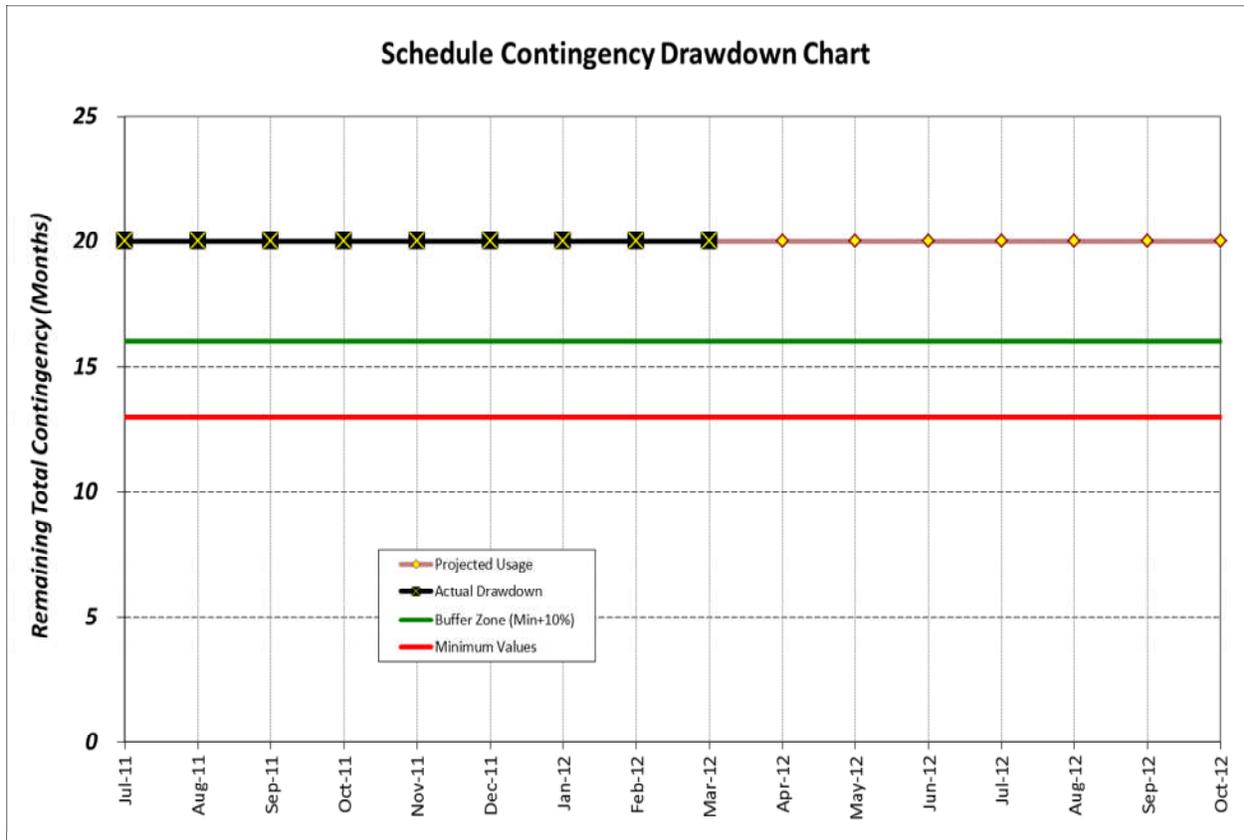


Figure 11. Schedule Contingency Drawdown Chart



### 3. CONTRACT STATUS

#### 3.1 Procurement Status

Figure 12. 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 BQO	Issue RFP	Submit Proposals	Execute Contract										
<b>Design-Build Contracts</b>																		
DB-120	West Oahu/Farrington Highway Guideway (WOFH) [Kiewit Infrastructure West Company (KIWC)]	CF	Feb 04 '09	Mar 13 '09	Mar 21 '09	Apr 03 '09	Aug 28 '09	Nov 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; NTP4A: Construction w/o Casting Yd (02/06/12) 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		
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	(10)	-0-	-0-	-0-	-0-	(85)	(70)	-0-		-0-
DB-200	Maintenance and Storage Facility (MSF) [Kiewit/Kobayashi Joint Venture (KKJV)]	CF	May 29 '09	Jul 02 '09	Jul 17 '09	Jul 24 '09	Feb 17 '10	Jun 30 '11	Jul 25 '11	-----	-----	-----	Jan 10 '12	Feb 07 '12	-----	Jan 05 '15	NTP1: Prelim Engrg; NTP2: Final Design; NTP3: Construction Substan'l Compl'n = November 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	-----	Jan 05 '15		
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	-0-	(142)	-----	-----	-----	Sep 03 '11	Feb 07 '12	-----		-0-
DB-320	Kamehameha Guideway (KHG) [Kiewit Infrastructure West Company (KIWC)]	CF	Nov 18 '09	Jan 05 '10	Feb 15 '10	Mar 19 '10	Oct 07 '10	Jun 30 '11	Jul 12 '11	-----	-----	-----	Jan 16 '12	Feb 07 '12	-----	Jul 01 '15	NTP1: Prelim Engrg; NTP2: Final Design; NTP3A: Construction (02/07/12) 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		
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	(72)	(80)	-----	-----	-----	Sep 03 '11	Feb 07 '12	-----		-0-
<b>Design-Bid-Operate-Maintain Contract</b>																		
DBOM-920	Core Systems Contract [Ansaldo Honolulu JV]	CF	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Nov 28 '11	Jan 13 '12	-----	-----	-----	-----	Jun 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	-----	-----	-----	-----	Jun 01 '12	Apr 15 '13	-----	Apr 01 '19	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	(275)	(316)	-0-	-0-	-0-	-0-	-0-	-----	-0-	
<b>Manufacture-Install-Test-Maintain</b>																		
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 Cr. 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	
		B/L	-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 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 B/L Master Project Schedule

Notes:

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

Figure 13. Procurement Tracking Report: Design-Bid-Build (DBB) Contracts

Procurement Tracking Report									
Design-Bid-Build (DBB) Contracts									
Contract #	Contract Name	Sched Ref*	Bid Ready Dates (Ref.)	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
<b>Design-Bid-Build Contracts</b>									
DBB-170	West Oahu Station Group Construction	CF Act B/L Var	Aug 11 '13 Aug 11 '13 -0-	Sep 10 '13 Sep 10 '13 -0-	Oct 25 '13 Oct 25 '13 -0-	Dec 08 '13 Dec 08 '13 -0-	Dec 22 '13 Dec 22 '13 -0-	Oct 30 '15 Oct 30 '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	Feb 15 '13 Feb 15 '13 -0-	Mar 17 '13 Mar 17 '13 -0-	May 01 '13 May 01 '13 -0-	Jun 14 '13 Jun 14 '13 -0-	Jun 29 '13 Jun 29 '13 -0-	May 30 '15 May 30 '15 -0-	Substantial Completion: Leeward Comm College Sta Nov 15 '14 Waipahu Transit Sta Feb 15 '15 W. Loch Station Apr 15 '15
DBB-275	Pearl Highlands Parking Structure/ Bus Transit Center Construction (Includes H2/R1 Ramp)	CF Act B/L Var	Oct 01 '15 Oct 01 '15 -0-	Oct 30 '15 Oct 30 '15 -0-	Dec 14 '15 Dec 14 '15 -0-	Jan 28 '16 Jan 28 '16 -0-	Feb 11 '16 Feb 11 '16 -0-	Apr 29 '18 Apr 29 '18 -0-	Substantial Completion: Mar 15 '18
DBB-370	Kamehameha Highway Station Group Construction (Includes H2/R2 Ramp)	CF Act B/L Var	Nov 15 '13 Nov 15 '13 -0-	Dec 16 '13 Dec 16 '13 -0-	Jan 30 '14 Jan 30 '14 -0-	Mar 17 '14 Mar 17 '14 -0-	Mar 31 '14 Mar 31 '14 -0-	Aug 29 '15 Aug 29 '15 -0-	Substantial Completion: Pearl Highlands Station Sep 15 '15 Aloha Stadium Station May 15 '15 Pearlridge Station Jul 15 '15
DBB-470	Airport Station Group Construction	CF Act B/L Var	Aug 15 '14 Aug 15 '14 -0-	Jan 05 '15 Jan 05 '15 -0-	Feb 19 '15 Feb 19 '15 -0-	Apr 05 '15 Apr 05 '15 -0-	Apr 19 '15 Apr 19 '15 -0-	Jun 29 '17 Jun 29 '17 -0-	Substantial Completion: Pearl Harbor Station Nov 15 '16 Airport Station Jan 15 '17 Lagoon Dr Station Mar 15 '17 Middle Street Station May 15 '17
DBB-460	Airport Section Guideway and Utilities Construction	CF Act B/L Var							Re-Packaged: DBB-505 and DBB-520
DBB-560	City Center Section Guideway and Utilities Construction	CF Act B/L Var							Re-Packaged: DBB-510 and DBB-520

[Successful Contractor]

Note: Bid Ready Dates from FD Tracking sheet for Reference.

\* Schedule Reference:

- CF = Current Forecast
- ACT = ACTUAL Completed Achieved this Month
- B/L = Baseline Master Project Schedule

[Note: B/L reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast) +Ahead/(Behind)/-0- versus the B/L Master Project Schedule

Note: Contract Completion based on 45 days after Substantial Completion (or, with station groups, the last station in the group).

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

Procurement Tracking Report									
Design-Bid-Build (DBB) Contracts (Continued)									
Contract #	Contract Name	Sched Ref *	Bid Ready Dates (Ref.)	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
<b>Design-Bid-Build Contracts</b>									
DBB-505 (Re-Packaged)	Airport Section Utilities Construction	CF	Mar 01 '13	Mar 29 '13	May 31 '13	Jul 15 '13	Aug 01 '13	Dec 15 '14	
		Act	Mar 01 '13	Mar 29 '13	May 31 '13	Jul 15 '13	Aug 01 '13	Dec 15 '14	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	
DBB-510 (Re-Packaged)	City Center Section Utilities Construction	CF	Aug 15 '13	Sep 16 '13	Nov 15 '13	Jan 04 '14	Jan 18 '14	Sep 15 '15	
		Act	Aug 15 '13	Sep 16 '13	Nov 15 '13	Jan 04 '14	Jan 18 '14	Sep 15 '15	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	
DBB-520 (Re-Packaged)	Airport and City Center Sections Guideway Construction	CF	Apr 01 '14	May 01 '14	Jun 16 '14	Jul 31 '14	Aug 14 '14	Jul 01 '18	
		Act	Apr 01 '14	May 01 '14	Jun 16 '14	Jul 31 '14	Aug 14 '14	Jul 01 '18	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	
DBB-570	Dillingham Station Group Construction	CF	Feb 15 '15	Aug 14 '15	Sep 28 '15	Nov 12 '15	Nov 25 '15	Dec 30 '17	Substantial Completion: Kalih'i Station May 15 '17 Kapalama Station Jul 15 '17 Iwile'i Station Sep 15 '17 Chinatown Station Nov 15 '17
		Act	Feb 15 '15	Aug 14 '15	Sep 28 '15	Nov 12 '15	Nov 25 '15	Dec 30 '17	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	
DBB-575	Kaka'ako Station Group Construction	CF	Jun 15 '15	Jan 04 '16	Feb 18 '16	Apr 04 '16	Apr 19 '16	Jul 30 '18	Substantial Completion: Downtown Station Dec 15 '17 Civic Center Station Feb 15 '18 Kaka'ako Station Apr 15 '18 Ala Moana Station Jun 15 '18
		Act	Jun 15 '15	Jan 04 '16	Feb 18 '16	Apr 04 '16	Apr 19 '16	Jul 30 '18	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	
DBB-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes Construction	CF	Jul 04 '16	Sep 02 '16	Nov 26 '16	Feb 19 '17	Mar 05 '17	Aug 15 '18	Substantial Completion: Jul 01 '18
		Act	Jul 04 '16	Sep 02 '16	Nov 26 '16	Feb 19 '17	Mar 05 '17	Aug 15 '18	
		B/L	-0-	-0-	-0-	-0-	-0-	-0-	

[Successful Contractor]

Note: Bid Ready Dates from FD Tracking sheet for Reference.

\* Schedule Reference:

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

Note: Contract Completion based on 45 days after Substantial Completion (or, with station groups, the last station in the group).

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 B/L Var	Jan 14 '10 Jan 14 '10 Jan 14 '10 -0-	-0-	-0-	-0-	Feb 08 '12 Feb 08 '12 Feb 11 '11 (362)	May 29 '12 May 29 '12 -0-	Jun 08 '12 Jun 08 '12 -0-	Aug 11 '13 Aug 11 '13 -0-	Oct 30 '15 Oct 30 '15 -0-	NTP 1a: 06/08/2012 - SoM, Workshop, Design Schedule NTP 1b: 07/15/2012 - PE Design (CF) NTP 2: 11/12/2012 - Interim Design (CF) NTP 3: 04/11/2013 - Final Design (CF)		
FD-240	Farrington Highway Station Final Design [HDR Engineering, Inc.]	CF Act B/L Var	Oct 02 '09 Oct 02 '09 Oct 02 '09 -0-	Nov 19 '09 Nov 19 '09 Nov 19 '09 -0-	-0-	-0-	Feb 15 '10 Feb 15 '10 Feb 15 '10 -0-	Apr 15 '10 Apr 15 '10 Apr 15 '10 -0-	Jan 14 '11 Jan 14 '11 Jan 14 '11 -0-	Feb 15 '13 Feb 15 '13 -0-	May 30 '15 May 30 '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 B/L Var	Jun 30 '13 Jun 30 '13 Jun 30 '13 -0-	Aug 14 '13 Aug 14 '13 -0-	Sep 28 '13 -0-	Nov 04 '13 Nov 04 '13 -0-	Dec 04 '13 Dec 04 '13 -0-	Feb 02 '14 Feb 02 '14 -0-	Feb 16 '14 Feb 16 '14 -0-	Oct 01 '15 Oct 01 '15 -0-	Apr 29 '18 Apr 29 '18 -0-			
FD-340	Kamehameha Highway Station Group Final Design (includes H2/R2 Ramp)	CF Act B/L Var	Jun 28 '11 Jun 28 '11 Jun 28 '11 -0-	Aug 04 '11 Aug 04 '11 Aug 04 '11 -0-	Sep 28 '11 Sep 28 '11 Sep 28 '11 -0-	Oct 19 '11 Oct 19 '11 Oct 19 '11 -0-	Mar 02 '12 Mar 02 '12 Mar 02 '12 (3)	Jun 08 '12 Jun 08 '12 -0-	Jun 22 '12 Jun 22 '12 -0-	Nov 15 '13 Nov 15 '13 -0-	Aug 29 '15 Aug 29 '15 -0-	NTP 1a: 06/22/2012 - SoM, Workshop, Design Schedule (CF) NTP 1b: 09/24/2012 - PE Design (CF) NTP 2: 01/27/2013 - Interim Design (CF) NTP 3: 06/26/2013 - Final Design (CF)		
FD-430	Airport Section Guideway and Utilities Final Design [AECOM Tech Svcs, Inc.]	CF Act B/L Var	Utilities		Utilities								Mar 01 '13 Aug 15 '18 Aug 15 '18 -0-	Same for both Utilities and Guideway 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)
			Guideway		Guideway									
FD-440	Airport Station Group Final Design	CF Act B/L Var	Mar 30 '12 Mar 30 '12 Mar 30 '12 -0-	May 10 '12 May 10 '12 May 10 '12 -0-	Jun 21 '12 Jun 21 '12 -0-	Jul 21 '12 Jul 21 '12 -0-	Aug 23 '12 Aug 23 '12 -0-	Oct 12 '12 Oct 12 '12 -0-	Oct 26 '12 Oct 26 '12 -0-	Aug 15 '14 Aug 15 '14 -0-	Jul 29 '17 Jul 29 '17 -0-			
FD-530	City Center Section Guideway and Utilities Final Design	CF Act B/L Var	Utilities		Utilities								Aug 15 '13 Aug 15 '18 Aug 15 '18 -0-	Utilities Construction Pkg (DBB-510) and associated Engrg Svcs during Construction. Guideway Design to be received from Airport Guideway Designer and combined into the full Construction bid package for the Airport and City Center Guideway Construction contract (DBB-520).
			Guideway		Guideway									
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 -0-	Feb 17 '13 Feb 17 '13 -0-	Mar 19 '13 Mar 19 '13 -0-	May 18 '13 May 18 '13 -0-	Jun 01 '13 Jun 01 '13 -0-	Feb 15 '15 Feb 15 '15 -0-	Jul 31 '18 Jul 31 '18 -0-			
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 -0-	May 31 '13 May 31 '13 -0-	Jun 30 '13 Jun 30 '13 -0-	Aug 29 '13 Aug 29 '13 -0-	Sep 12 '13 Sep 12 '13 -0-	Jun 15 '15 Jun 15 '15 -0-	Sep 14 '18 Sep 14 '18 -0-			
FD-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes Final Design	CF Act B/L Var	Sep 10 '14 Sep 10 '14 -0-	Dec 08 '14 Dec 08 '14 -0-	Jan 14 '15 Jan 14 '15 -0-	Feb 13 '15 Feb 13 '15 -0-	Apr 14 '15 Apr 14 '15 -0-	Apr 27 '15 Apr 27 '15 -0-	May 12 '15 May 12 '15 -0-	Jul 04 '16 Jul 04 '16 -0-	Sep 14 '18 Sep 14 '18 -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 re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]
- Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)

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
<b>Construction Engineering &amp; Inspection Agreements</b>												
MM-180	West Oahu and Farrington Highway Station Groups CE&I Services	CF Act B/L Var	Jul 09 '12 Jul 09 '12 -0-	Aug 08 '12 Aug 08 '12 -0-	Sep 07 '12 Sep 07 '12 -0-	Oct 08 '12 Oct 08 '12 -0-	Nov 07 '12 Nov 07 '12 -0-	Dec 07 '12 Dec 07 '12 -0-	Dec 17 '12 Dec 17 '12 -0-	Feb 15 '13 Feb 15 '13 -0-	Oct 30 '15 Oct 30 '15 -0-	Bid Ready Date reflects Farrington Hwy construction pkg. Contract completion reflects completion of West Oahu construction completion. Current Forecast tied to schedule slippage of Farrington Bid Ready date.
MM-380	Kamehameha Highway Station Group CE&I Services (includes H2/R2 Ramp)	CF Act B/L Var	Feb 13 '13 Feb 13 '13 -0-	Mar 15 '13 Mar 15 '13 -0-	Apr 16 '13 Apr 16 '13 -0-	May 16 '13 May 16 '13 -0-	Jun 17 '13 Jun 17 '13 -0-	Aug 16 '13 Aug 16 '13 -0-	Sep 16 '13 Sep 16 '13 -0-	Nov 15 '13 Nov 15 '13 -0-	Oct 30 '15 Oct 30 '15 -0-	
MM-385	Pearl Highlands Parking Structure/ Bus Transit Center CE&I Services (includes H2/R1 Ramp)	CF Act B/L Var	Jan 05 '15 Jan 05 '15 -0-	Feb 02 '15 Feb 02 '15 -0-	Mar 05 '15 Mar 05 '15 -0-	Apr 03 '15 Apr 03 '15 -0-	May 04 '15 May 04 '15 -0-	Jul 03 '15 Jul 03 '15 -0-	Aug 03 '15 Aug 03 '15 -0-	Oct 01 '15 Oct 01 '15 -0-	Apr 29 '18 Apr 29 '18 -0-	
MM-500	Airport & City Center Section Utilities CE&I Services	CF Act B/L Var	Jul 20 '12 Jul 20 '12 -0-	Aug 20 '12 Aug 20 '12 -0-	Sep 10 '12 Sep 10 '12 -0-	Oct 09 '12 Oct 09 '12 -0-	Nov 08 '12 Nov 08 '12 -0-	Dec 13 '12 Dec 13 '12 -0-	Dec 28 '12 Dec 28 '12 -0-	Mar 01 '13 Mar 01 '13 -0-	Oct 30 '15 Oct 30 '15 -0-	
MM-485	Airport Station Group CE&I Services	CF Act B/L Var	Nov 15 '13 Nov 15 '13 -0-	Dec 16 '13 Dec 16 '13 -0-	Jan 15 '14 Jan 15 '14 -0-	Feb 14 '14 Feb 14 '14 -0-	Mar 17 '14 Mar 17 '14 -0-	May 16 '14 May 16 '14 -0-	Jun 16 '14 Jun 16 '14 -0-	Aug 15 '14 Aug 15 '14 -0-	Jun 29 '17 Jun 29 '17 -0-	
MM-525	Airport and City Center Sections Guideway CE&I Services	CF Act B/L Var	Jul 19 '13 Jul 19 '13 -0-	Sep 02 '13 Sep 02 '13 -0-	Oct 16 '13 Oct 16 '13 -0-	Nov 15 '13 Nov 15 '13 -0-	Dec 16 '13 Dec 16 '13 -0-	Feb 14 '14 Feb 14 '14 -0-	Mar 17 '14 Mar 17 '14 -0-	May 15 '14 May 15 '14 -0-	Aug 15 '18 Aug 15 '18 -0-	
MM-585	Dillingham and Kaka'ako Station Groups CE&I Services	CF Act B/L Var	May 23 '14 May 23 '14 -0-	Jun 23 '14 Jun 23 '14 -0-	Jul 21 '14 Jul 21 '14 -0-	Aug 19 '14 Aug 19 '14 -0-	Sep 18 '14 Sep 18 '14 -0-	Nov 17 '14 Nov 17 '14 -0-	Dec 17 '14 Dec 17 '14 -0-	Feb 15 '15 Feb 15 '15 -0-	Jul 30 '18 Jul 30 '18 -0-	Bid Ready Date reflects Dillingham construction pkg. Contract completion reflects completion of Kaka'ako construction completion.
MM-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes CE&I Services	CF Act B/L Var	Oct 21 '15 Oct 21 '15 -0-	Nov 20 '15 Nov 20 '15 -0-	Dec 21 '15 Dec 21 '15 -0-	Jan 20 '16 Jan 20 '16 -0-	Feb 19 '16 Feb 19 '16 -0-	Apr 05 '16 Apr 05 '16 -0-	May 05 '16 May 05 '16 -0-	Jul 04 '16 Jul 04 '16 -0-	Aug 15 '18 Aug 15 '18 -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 re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)  
 +Ahead/(Behind)/-0- versus the B/L Master Project Schedule

Note: Bid Ready Dates from FD Tracking sheet for Reference.

Schedule Basis: NTP to CE&I Contracts two (2) months prior to Bid Ready Date for constructibility review; Contract completion one-and-one-half (1-1/2) month after Substantial Completion (SC) (For station contracts, SC of the last station in the group.)

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	May 01 '12		
		Act	Jul 15 '09	Sep 01 '09					Nov 19 '09	May 01 '12		
		B/L	Jul 15 '09	Sep 01 '09					Nov 19 '09	May 01 '12		
		Var	-0-	-0-			-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 28 '15		
		B/L	Aug 03 '11	Sep 02 '09		-0-	-0-	-0-	Feb 23 '12	Feb 23 '12	Feb 28 '15	
		Var	-0-	-0-		-0-	-0-	-0-	(5)	(14)	-0-	
MM-905	General Engineering Consultant - 1 (GEC-1) (EIS/Preliminary Engrg) [Parsons Brinckerhoff]	CF	Jun 01 '07	Aug 24 '07					Oct 25 '09	Jul 15 '12		
		Act	Jun 01 '07	Aug 24 '07					Oct 25 '09	Jul 15 '12		
		B/L	Jun 01 '07	Aug 24 '07		-0-	-0-	-0-	-0-	Oct 25 '09	Jul 15 '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		-0-	-0-	-0-	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 13 '17		
		B/L	Apr 01 '11				Sep 08 '11	Mar 15 '12	Mar 15 '12	Mar 13 '17		
		Var	-0-				-0-	+1	+1	-0-		
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			-0-	-0-	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 [Servco Pacific, Inc.]	CF	Jan 31 '12				Mar 01 '12	May 10 '12	Jun 01 '12	Dec 01 '19		
		Act	Jan 31 '12				Mar 01 '12	May 10 '12	Jun 01 '12	Dec 01 '19		
		B/L	Jan 31 '12			-0-	-0-	Mar 01 '12	May 10 '12	Jun 01 '12	Dec 01 '19	
		Var	-0-	-0-		-0-	-0-	-0-	-0-	-0-	-0-	
MM-975	LEED Commissioning Services for Maintenance and Storage Facility (MSF) [Enovity, Inc.]	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 re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]

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											
CPP 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
<b>HDOT Agreements</b>											
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-	Jun 01 '12 Jun 01 '12 -0-	Jul 01 '12 Jul 01 '12 -0-	Jul 01 '17 Jul 01 '17 -0-	Scope of services is for the entire alignment. Contract length = 60 months.
MM-920	HDOT Design Coordination Consultant - West Oahu/Farrington Highway Guideway Section <i>[AECOM Tech Svcs, Inc.]</i>	CF Act B/L Var						Jun 07 '11 Jun 07 '11 Jun 07 '11 -0-	Jun 08 '11 Jun 08 '11 Jun 08 '11 -0-	Jun 15 '18 Jun 15 '18 Jun 15 '18 -0-	
MM-921	HDOT Design Coordination Consultant - Kamehameha Highway Guideway Section	CF Act B/L Var						Jun 01 '12 Jun 01 '12 -0-	Jul 01 '12 Jul 01 '12 -0-	Jul 15 '15 Jul 15 '15 -0-	
MM-922	HDOT Design Coordination Consultant - Airport Guideway 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-	Jun 15 '18 Jun 15 '18 -0-	
MM-923	HDOT Design Coordination Consultant - City Center Guideway 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-	Jun 15 '18 Jun 15 '18 -0-	
<b>Other Agreements</b>											
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						Jun 15 '12 Jun 15 '12 -0-	Jun 30 '12 Jun 30 '12 -0-	Feb 15 '17 Feb 15 '17 -0-	HART is using City HazMat on-call pre-qualified list to determine offerors.

[Successful Contractor]

\* Schedule Reference:

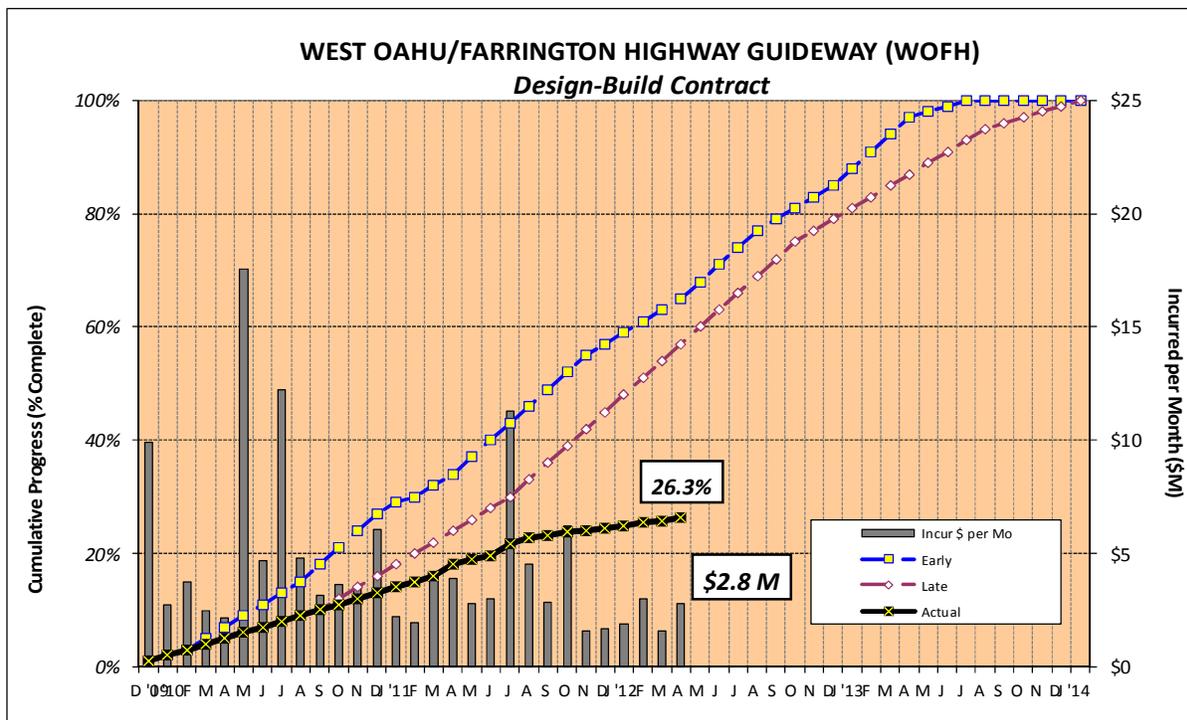
- CF = Current Forecast
  - ACT = ACTUAL Completed Achieved this Month
  - B/L = Baseline Master Project Schedule
- [Note: B/L reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]
- Variance = Variance of (Baseline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

### 3.2 Design-Build (DB) Contracts

<b>Contract DB-120: West Oahu/Farrington Highway Guideway (WOFH)</b>			
		<b>DB Contractor: Kiewit Infrastructure West Company (KIWC)</b>	
<u>Committed:</u>	\$501,969,231	<u>Incurred:</u>	\$131,887,429 (26.3%)
<u>Authorized:</u>	\$236,325,884 (50.9%)	<u>Substantial Completion:</u>	November 2014

- **Activities this month**
  - Overall progress is 26.3% on a weighted basis, with design approximately 95% complete.
  - On May 17, HART received the FTA Letter of No Prejudice (LONP) authorizing issuance of the Notice to Proceed (NTP) for the precast yard; NTP4b was issued to the contractor on May 17.
  - A total of 281 contract submittals have been received (15 currently under review).
  - Geotechnical investigations are 93% complete with 297 of a total 320 borings completed. The remaining borings are in the Koloï Channel and Banana Patch areas.
  - Tree relocations/removals remain at 69% complete with 252 of 364 trees trimmed, relocated or removed for repurposing or without salvage.
  - Overall utility relocation remains at 11% complete.
  - HART has received 217 Requests for Information (RFIs) from the contractor (4 open).
  - Construction for guideway column foundations continued in the West Oahu area, with 15 shafts completed.
  
- **Look Ahead**
  - Continued construction progress for guideway column foundations and concrete placement for the first column.
  - Commencement of work at Waipahu High School.

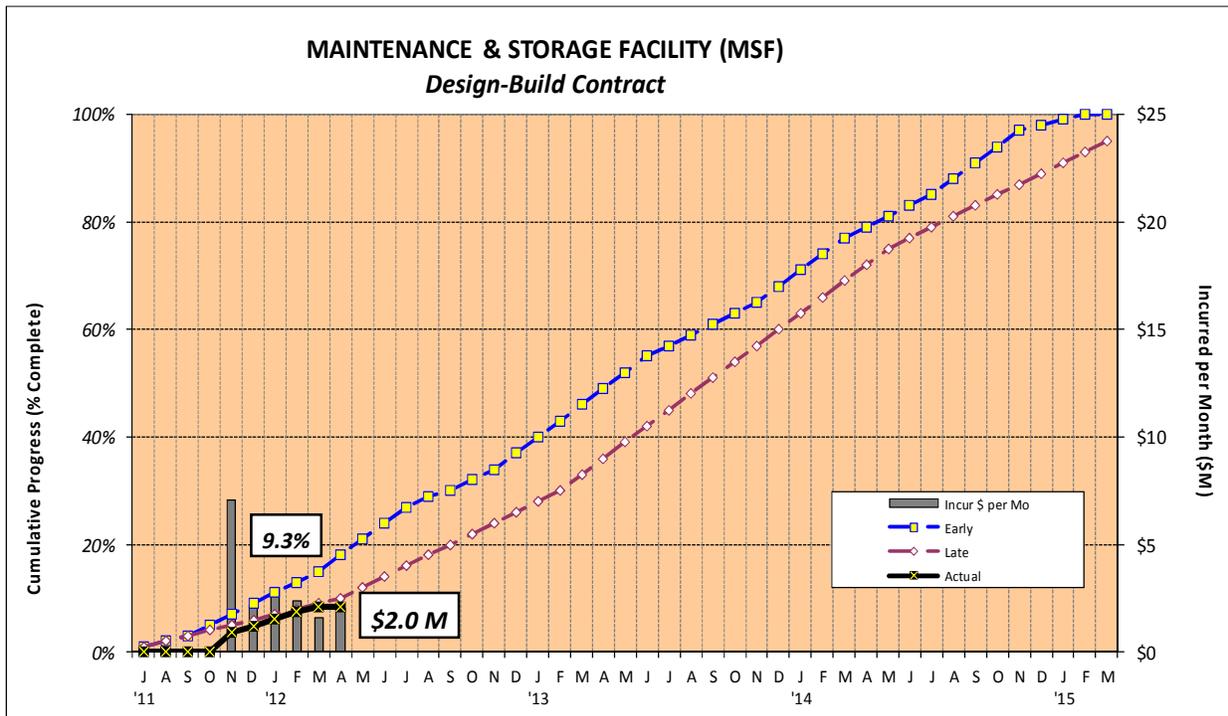
**Figure 19. West Oahu/Farrington Highway Guideway (WOFH) Contract**



<b>Contract DB-200: Maintenance and Storage Facility (MSF)</b>			
		<b>DB Contractor: Kiewit/Kobayashi Joint Venture (KKJV)</b>	
<b>Committed:</b>	\$195,258,000	<b>Incurred:</b>	\$18,206,424 (9.3%)
<b>Authorized:</b>	\$128,288,734 (65.7%)	<b>Substantial Completion:</b>	November 2014

- **Activities this month**
  - Overall progress is 9.3% on a weighted basis, with design approximately 55% complete.
  - A total of 42 contract submittals have been received (4 currently under review).
  - HART has received 76 Requests for Information (RFIs) from the contractor (12 open).
  - KKJV submitted the mass grading permit to the City Department of Planning and Permitting (DPP) for review.
  
- **Look Ahead**
  - Mass grading permit issuance expected in June.

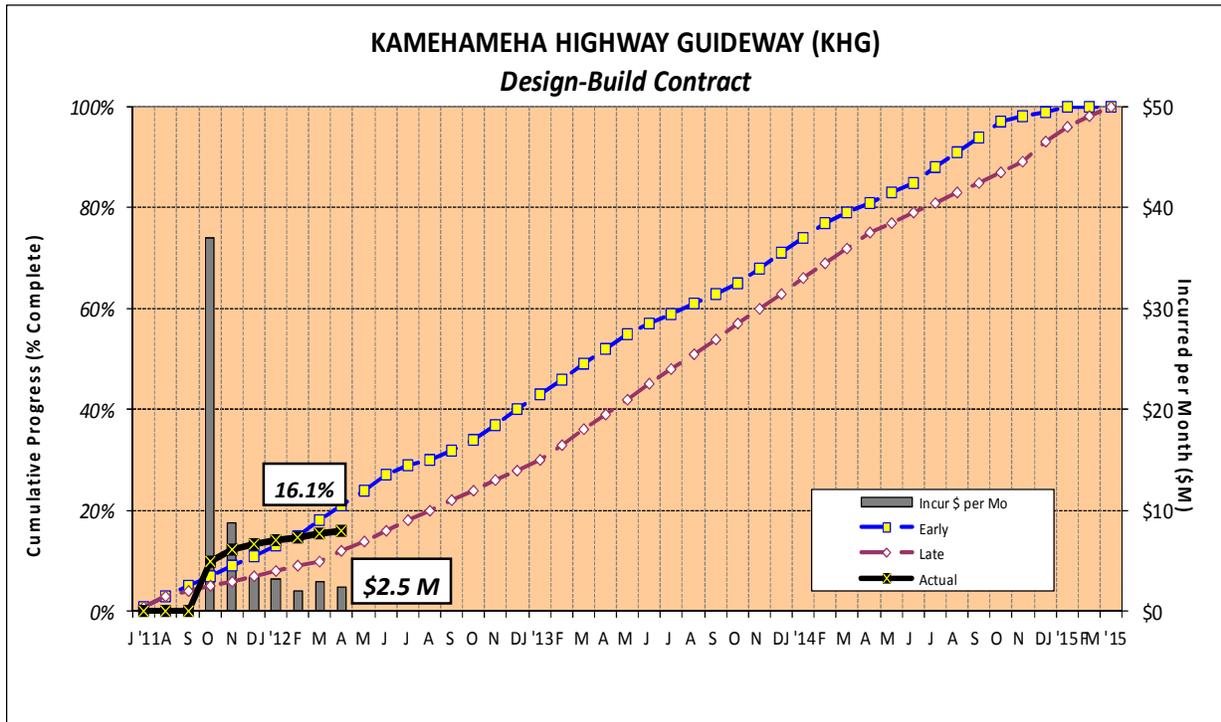
Figure 20. Maintenance and Storage Facility (MSF) Contract



<b>Contract DB-320: Kamehameha Highway Guideway (KHG)</b>			
<b>DB Contractor: Kiewit Infrastructure West Company (KIWC)</b>			
<u>Committed:</u>	\$372,150,000	<u>Incurred:</u>	\$59,783,806 (16.1%)
<u>Authorized:</u>	\$162,166,081 (43.6%)	<u>Substantial Completion:</u>	June 2015

- **Activities this month**
  - Overall progress is 16.1% on a weighted basis, with design approximately 80% complete.
  - Geotechnical investigations are 70% complete.
  - A total of 135 contract submittals have been received (10 under review).
  - HART has received 68 Requests for Information (RFIs) from the contractor (5 open).
- **Look Ahead**
  - Commencement of foundation test shafts.
  - Commencement of utility relocations.

Figure 21. Kamehameha Highway Guideway (KHG) Contract

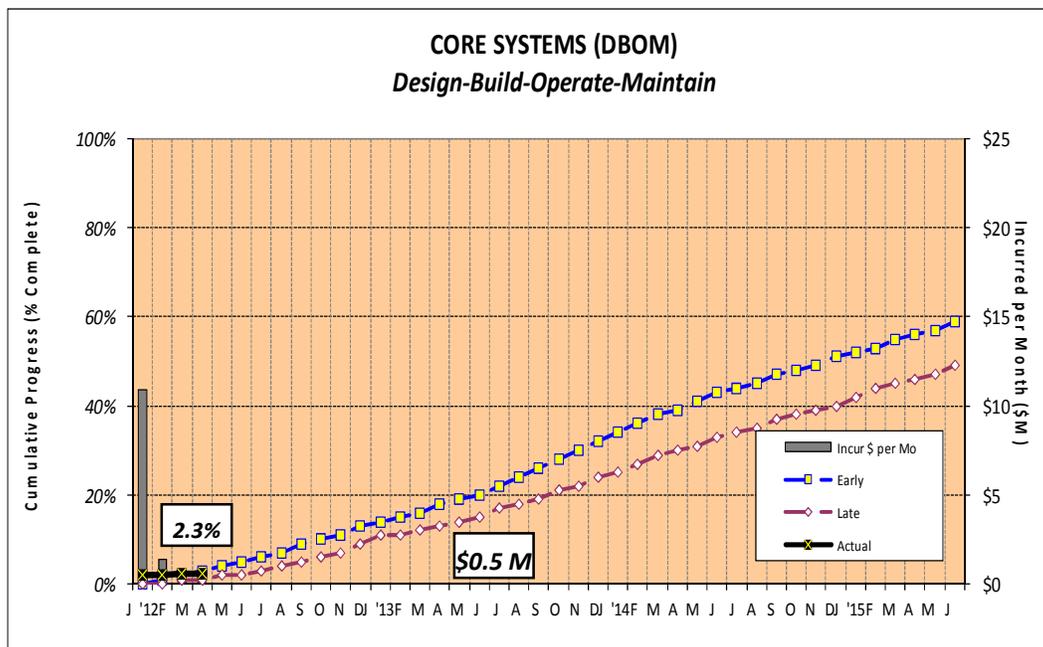


### 3.3 Design-Build-Operate-Maintain (DBOM) Contract

Contract DBOM-920: Core Systems Contract (CSC)			
DBOM Contractor: Ansaldo Honolulu Joint Venture (AHJV)			
Committed:	\$573,872,793	Incurred:	\$13,365,312 (2.3%)
Authorized:	\$ 20,285,221	Start-up Completion:	April 1, 2019

- **Activities this month**
  - As shown in Figure 22 below, overall progress is 2.3% on a weighted basis.
  - AHJV continues to participate in Interface meetings and to issue/respond to Requests for Interface Data (RFIDs).
  - HART-AHJV held meetings on: Vehicle design, MSF, Mainline curve alignment and Schedule.
  - AHJV-KKJV held Tiger Team Meeting of technical experts to resolve MSF issues.
  - Preliminary schedule developed and discussed with HART.
  - HART-AHJV workshops being held to finalize details on door spacing, vehicle underfloor design and crash design verification.
- **Look Ahead**
  - Weekly CSC meetings on: Project Management, Technical Issues, Conceptual Design, Problem-Solving and Safety and Security.
  - Interface meetings with WOFH, FHSG, KHG, MSF and Airport Guideway designers and contractors.
  - Areas of continuing work:
    - MSF automatic/manual transfer area discussion.
    - MSF yard storage evaluation assessment.
    - Continued discussion on test track alignment.
    - Conceptual design issues implementation to continue with final design of communication duct banks for the MSF yard.

Figure 22. Core Systems Contract (CSC)



### 3.4 Design-Bid-Build (DBB) Contracts

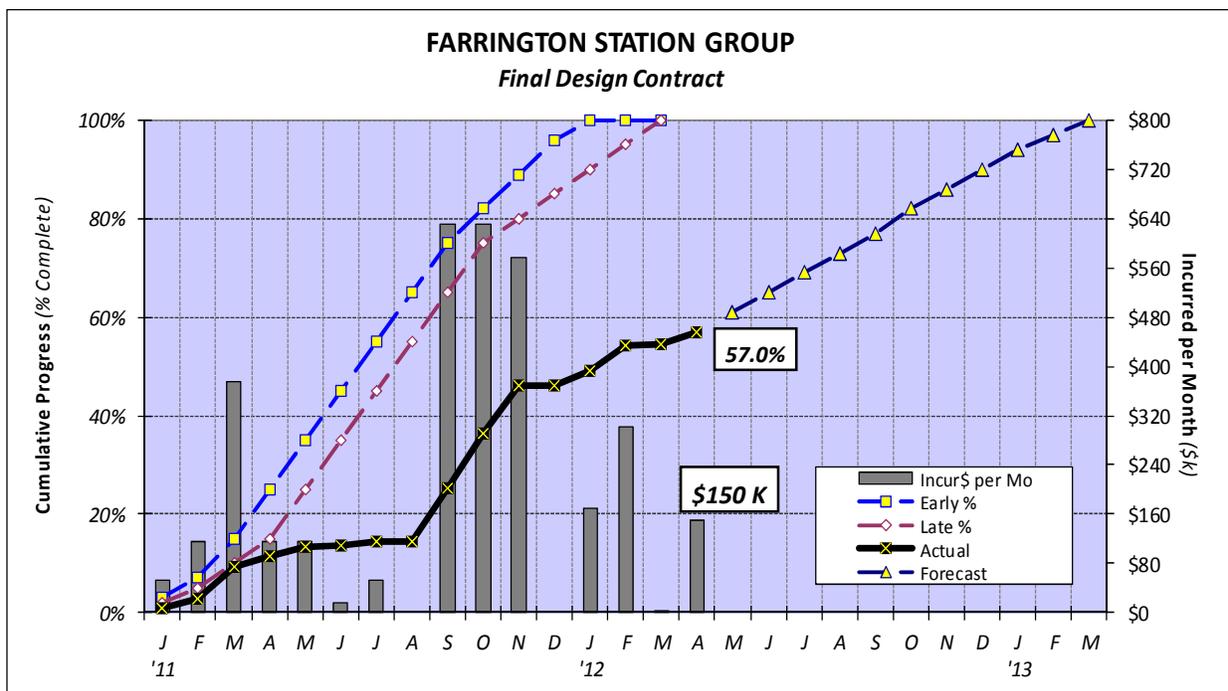
*Activities this month* relate to HART, General Engineering Consultant (GEC) and Final Design (FD) Consultant activities for the subject DBB construction contracts, since no DBB Construction contract has been awarded to date.

#### STATION DBB CONTRACTS (Executed and In Negotiation)

<b>Contract DBB-270: Farrington Highway Station Group Construction (FHSG)</b>			
<b>Contractor FD-240: HDR Engineering, Inc., Final Design Consultant (Engineer of Record)</b>			
<u>Committed:</u>	\$5,800,696	<u>Incurred:</u>	\$3,304,052 (57.0%)
<u>Authorized:</u>	\$4,630,136 (79.8%)	<u>Construction Docs Bid-Ready:</u>	February 15, 2013

- **Activities this month**
  - As shown in Figure 23 below, the overall progress is 57% on a weighted basis. The actual work progress is lagging the projected Late Start due to delays in issuance of Notices to Proceed (NTPs). Design costs for Preliminary Engineering updates and NTP1b delays have been negotiated with the consultant and are in process for final approval. The progress curves will be revised accordingly.
  - 56 Requests for Information (RFIs) have been submitted to date (1 open).
  - 26 Requests for Change (RFCs) are in process.
- **Look Ahead**
  - Complete Notice to Proceed 2 (NTP2) for Interim Design for the West Loch, Waipahu Transit Center and Leeward Community College (LCC) stations by November.

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



**Contract DBB-170: West Oahu Station Group Construction (WOSG)****Contractor FD-140: TBD, Final Design Consultant (Engineer of Record)****Construction Docs Bid Ready: August 11, 2013**

- **Activities this month**
  - Final Design Contract negotiations have been completed within budget.
- **Look Ahead**
  - Execution of contract and Notice to Proceed (NTP) projected for June.

**Contract DBB-370: Kamehameha Highway Station Group Construction (KHSG)****Contractor FD-340: TBD, Final Design Consultant (Engineer of Record)****Construction Docs Bid Ready: November 15, 2013**

- **Activities this month**
  - Final Design Contract negotiations have been completed within budget.
- **Look Ahead**
  - Execution of contract and NTP projected for June.

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

- **Activities this month**
  - Statements of Qualifications (SOQs) for the Final Design Contract were received on May 10 and are under evaluation.
- **Look Ahead**
  - Selection of ranked Final Design Consultant in June.

**GUIDEWAY AND UTILITY DBB CONTRACTS (Executed and In Negotiation)**

*As part of the re-baselining/FFGA submittal process, the Airport and City Center sections guideway construction and utilities relocation and roadway improvement contracts have been repackaged. Design Consultant execution of this repackaging is pending. Figure 24 on the next page shows the progress of the original Airport Utility and Guideway contract DBB-460 (FD-430). Progress charts for the 3 new contracts resulting from this repackaging: DBB-505 Airport Utility, DBB-510 City Center Utility and DBB-520 Airport and City Center Guideway Construction, will be developed and reported once this repackaging has been executed.*

<b>Contract DBB-460 Airport Utility and Guideway (AGW)</b>				
<b>Contractor FD-430: AECOM Technical Services, Inc., Final Design Consultant (Engineer of Record)</b>				
<b>Committed:</b>	\$38,840,960		<b>Incurred:</b>	\$3,122,516 (8.04%)
<b>Authorized:</b>	\$14,018,093 (36.1%)		<b>Construction Docs Bid-Ready:</b>	June 28, 2013

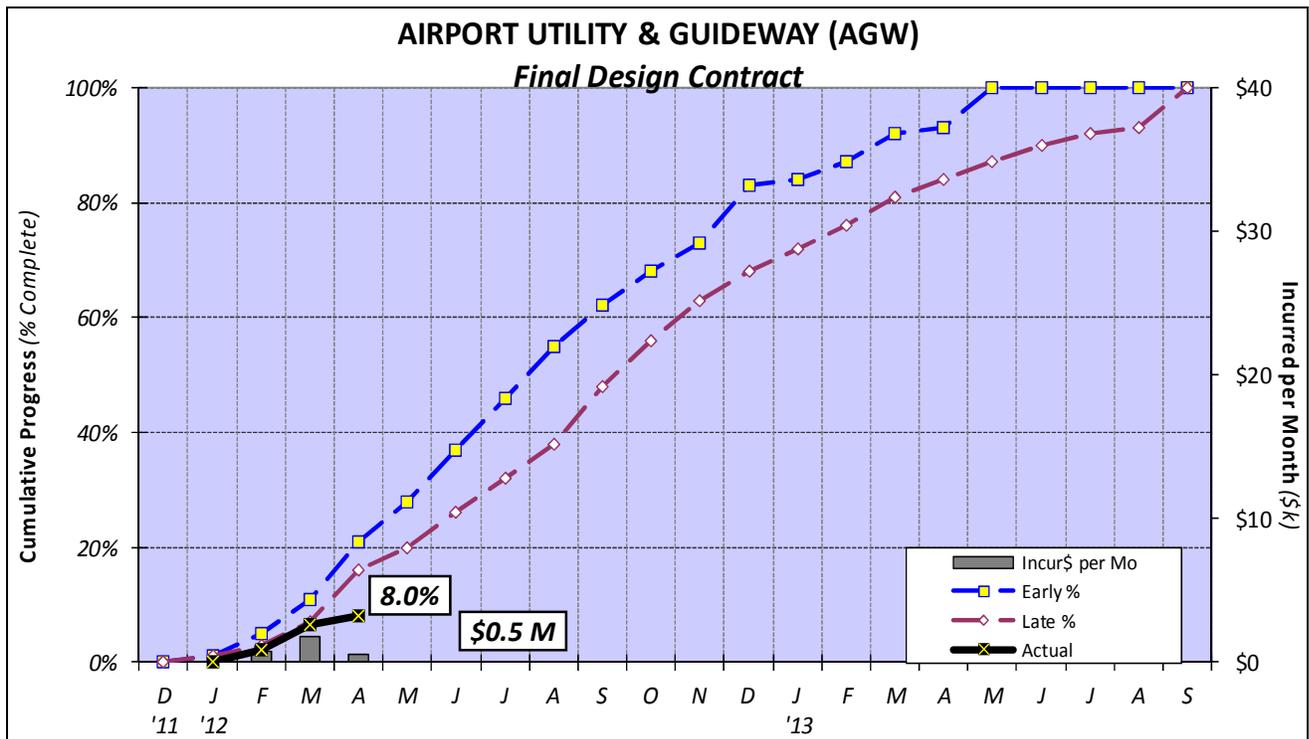
● **Activities this month**

- As shown in Figure 24 below, the overall progress is 8% on a weighted basis.
- Notice to Proceed 1b (NTP1b) for the Preliminary Engineering update was issued on February 22.
- A Final Design Schedule has been submitted and reviewed.
- May 8 and May 21 meetings were held with HDOT Airport and Highways and Hawaiian Airlines to further discuss the proposed alignment at the airport entry.
- May 8 meeting was held with HDOT Airport and Highways and Consolidated Rental Car (ConRAC) facility designers to coordinate the guideway alignment with the planned ConRAC facility.
- May 17 meeting was held with the U.S. Post Office to discuss the proposed alignment at the airport post office property.

● **Look Ahead**

- Resubmit the Final Design Schedule incorporating previous comments for review.
- Continue the Preliminary Engineering update and submit for review on June 18.
- Continue to coordinate meetings with stakeholders: HDOT Airports and Highways, Transportation Security Administration (TSA), Federal Aviation Administration (FAA), Hawaiian Airlines, U.S. Post Office and U.S. Navy, as well as utility companies.

**Figure 24. Airport Utility and Guideway (AGW) Final Design (FD) Contract**



**Contract DBB-505: Airport Section Utilities Construction**

- **Airport Segment Guideway and Utilities Final Design Contract FD-430**  
**Final Design Consultant (Engineer of Record): AECOM Technical Services, Inc.**

Construction Docs Bid Ready: TBD

This contract is for utilities construction and associated engineering services during construction of the Airport section. This new contract removes the scope for utilities relocation and roadway improvements from the former DBB-460 Airport Section Guideway and Utilities Construction contract and creates a new construction work package to be completed before guideway construction.

**Contract DBB-510: City Center Section Utilities Construction**

**City Center Section Guideway and Utilities Contract FD-530 Final Design Consultant: TBD**

Construction Docs Bid Ready: TBD

This contract is for utilities construction and associated engineering services during construction of the City Center section. This new contract removes the scope for utilities relocation and roadway improvements from the former DBB-560 City Center Section Guideway and Utilities Construction contract and creates a new construction work package to be completed before guideway construction.

**Contract DBB-520: Airport and City Center Sections Guideway Construction**

**Airport Segment Guideway and Utilities Contract FD-430 Final Design Consultant (Engineer of Record): AECOM Technical Services, Inc.**

**City Center Section Guideway Contract FD-530 Final Design Consultant: TBD**

Utilities TBD

Guideway TBD

The guideway final design will be received from the Airport Guideway Designer, AECOM Technical Services, Inc., in completion of the FD-430 contract, and added to the construction bid package for the combined DBB-520 Airport and City Center Sections Guideway Construction contract. This new contract removes the scope for guideway construction from the previous DBB-460 and DBB-560 Guideway and Utilities Construction contracts and creates a new construction work package that will be executed as a single contract.

### 3.5 Utility Agreements

- **Activities this month**
  - WOFH section:
    - Utility Construction Agreements (UCAs) have to date been executed with:
      - The Gas Company (TGC),
      - Oceanic Time Warner Cable (OTWC),
      - AT&T,
      - Pacific LightNet, Inc. (PLNI), and
      - Hawaiian Electric Company (HECO)
    - HART placed its second materials order with HECO under the executed Utility Facilities Relocation and Cost Reimbursement Agreement (UFR CRA) for both Engineering and Construction.
    - The UCA with Sandwich Isles Communication (SIC), while not required, is expected to be executed in June.
    - The Hawaiian Telcom (HT) UCA, based upon the HECO UFR CRA template, is under review by HT, with target execution in July.
  - KHG section:
    - Engineering Services Agreements (ESAs) have to date been executed with:
      - Chevron,
      - OTWC,
      - PLNI,
      - tw telecom,
      - Tesoro and
      - SIC.
    - Remaining ESAs required for KHG are with: HT, AT&T and TGC, all expected to be executed in June.
- **Look Ahead**
  - For the KHG section: Transmit draft UCAs to utility owners.
  - For Airport and City Center Guideway sections: Transmit draft ESAs to utility owners.

The latest Utility Agreements Status Matrix for all four sections is on the next page.

Figure 25. Utility Agreements Status Matrix (by section)

Utility Agreements Status Matrix							
Utility Owner	WOFH		KHG		Airport		City Center
	ESA	UCA	ESA	UCA	UCA	COMBINED ESA	UCA
AT&T	Executed May 11 '11 NTP May 12 '11	Executed Dec 20, 2011 NTP Dec 21, 2011	Executed May 18, 2012 NTP May 18, 2012	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	Executed May 10, 2012 NTP May 10, 2012	Preparing draft UCA		Completed draft ESA; under COR review	
HECO	By Agreement with PB	Executed Apr 20, 2012 NTP Apr 20, 2012	Nearing agreement with HECO on KHG UFRCA; execution expected in June; Bridging Agreement to serve in the interim during the month of June			Will pull design language from UFRCA	
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	Received signed agreement from TGC; <i>pending execution</i>	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

ESA = Engineering Services Agreement  
UCA = Utility Construction Agreement

UFRCA = Combined Engineering and Construction Utility Agreement  
COR = City and County of Honolulu Corporation Counsel

### 3.6 Hawaii Department of Transportation (HDOT) Agreements

- **Activities this month**
  - Alignment-wide:
    - The HDOT Traffic Management Consultant contract (MM-925) is in the procurement process. Contract execution is projected for June.
  - WOFH section:
    - The HDOT Design Coordination Consultant (MM-920), AECOM Technical Services, Inc., continues to review WOFH design submittals on HDOT's behalf.
    - The WOFH Joint Use and Occupancy (JUO) Agreement amendment has been executed.
    - HART has resolved HDOT's concerns regarding the City's transfer to HART of authority for the Master Agreement and execution is pending.
  - KHG section:
    - The Master and JUO Agreements await resolution of comments from HDOT regarding the HART assignment issue.
    - The HDOT Design Coordination Consultant–KHG Section contract (MM-921) is still in the procurement process. Contract execution is expected in June.
  - Airport section:
    - The HDOT Design Coordination Consultant–Airport Guideway Section contract (MM-922) is in the procurement process. Contract execution is expected in June.
  - City Center section:
    - The HDOT Design Coordination Consultant–City Center Guideway Section contract (MM-923) is in the procurement process. Contract execution is expected in June.
- **Look Ahead**
  - Alignment-wide:
    - Traffic Management Consultant contract execution.
  - KHG:
    - Design Consultant contract execution.
    - KHG Master and JUO Agreements execution.

### 3.7 Other Design Activities

- **Activities this month**
  - Continued supporting WOFH, FHSG, KHG, MSF, and ASG contracts on submittal reviews and responses to RFIs and RFCs.
  - Preparing the Pearl Highlands station area traffic study.
  - Revising the Waipahu Depot Road intersection analysis per HDOT comments.
  - Developed alternative for Kanuku Street intersection double left turn and provided concept for recommendation to HDOT.
  - Completed the sketches for the covered pedestrian connection sketches between Airport station entrance building and airport terminal buildings and prepared a rough order of magnitude (ROM) cost estimate.
  - Finalizing specifications for the Elevator and Escalator (EE) Installation and Maintenance contract (MI-930).
  - Evaluating straddle bent configuration at Ualena Street per City Department of Planning and Permitting (DPP) comments.

### 3.8 Interface

- **Activities this month**
  - Continued developing a procedure for assessing of Interface Control Documents (ICDs) and Requests for Interface Data (RFIDs) that have been elevated to HART for review and direction.
  - Continued monitoring contractor RFIDs and ICDs pertaining to Final Design Baseline revision.
  - Interfacing with adjoining contractors until contract award on the West Oahu, Kamehameha Highway and Airport Station Groups (WOSG, KHSG, ASG) and Elevators/Escalators (EE) contracts.
  - A total of 401 RFIDs have been logged (269 open, 132 closed).
  - 22 Interface Design Meetings (IDMs) were facilitated this month.
- **Look Ahead**
  - Finalize HART RFID-ICD assessment procedure.
  - Continue monitoring contractor RFIDs and ICDs pertaining to Final Design Baseline (Revision 0).
  - Continue to interface with adjoining contractors on WOSH, KSGH, ASG and EE contracts.

## 4. GROUP REPORTS

### 4.1 Safety and Security

- **Activities this month**
  - Transit System Security weekly meetings were held with the Honolulu Police Department (HPD). On May 25, HPD replaced the liaison to HART.
  - Developed Health and Safety and Emergency Response Plans for the Ali'i Place Office.
  - Conducted ongoing construction work site safety meetings and oversight and documented incidents.
  - Ensured implementation of safety requirements at construction sites.
  - Attended the FTA-hosted State Safety Oversight Conference in Colorado.
  - Initiated a regular Core Systems Safety meeting with Ansaldo Honolulu Joint Venture (AHJV).
- **Look Ahead**
  - Prepare a Safety Certification "How and Why" training class for contractors.
  - Hold various safety meetings with contractors, committees and staff.
  - Hold various safety meetings with AHJV.
  - Host Transportation Safety Institute (TSI) Security class in August.
  - Audit construction sites for safety.

**Figure 26. Construction Safety Monitoring - Safety and Security Issues**

Period/Date	Contract	Event Type	Comments
2011	----	----	1-Occupational Injury/Illness.
January 2012			1-Occupational Injury/Illness. 1-Environmental.
February 2012			1-Occupational Injury/Illness. 1-Environmental.
March 27, 2012	KHG/DB-320	Security	1-Security.
April 2, 2012	KHG/DB-320	Security	1-Security.
April 16, 2012	WOFH-KHG/AIS	Road/Vehicle	1-Road/Vehicle.
April 19, 2012	WOFH-KHG/AIS	First Aid	1-Occupational Injury/Illness.
April 20, 2012	WOFH-KHG/AIS	Loss/Damage	1-Loss Damage.
April 30, 2012	WOFH/DB-120	First Aid	1-Occupational Injury/Illness.
May 1, 2012	KHG/DB-320	Graffiti	Aloha Stadium Yard.
May 6, 2012	WOFH/DB-120	Road/Vehicle	1-Road/Vehicle.
May 21, 2012	WOFH/DB-120	Vandalism	Farrington Highway.
May 21, 2012	WOFH/DB-120	Theft	Cloverleaf Yard.

## 4.2 Quality Management

- **Activities this month**
  - Conducted weekly meeting with GEC Quality Assurance (QA) staff to discuss overall Project QA/ Quality Control (QC) issues with consultants/sub-consultants, contractors/sub-contractors and internal staff.
  - Continued training new HART employees to ensure that project participants are familiar with the latest approved plans and procedures, updating the Training Matrix accordingly.
  - 2 new QA Engineers will start work on July 2.
  - Updating and implementing the QA Audit Schedule for 2012.
  - Performed QA Audit:
    - KKJV-MSF on May 17;
    - HNTB-MSF on May 21-22; and
    - AECOM-AUG on May 23-24.
- **Contract-specific Activities this month:**
  - GEC II:
    - GEC continued to train new GEC staff on the approved Quality Assurance Plan (QAP) and Implementation Plan (IP).
    - Performed internal QA Surveillance of HART: Document Control on May 8, Planning and Environment on May 10 and Safety and Security on May 22.
    - Reviewed updated ITPs for the WOFH, KHG and MSF contracts.
    - Provided QA support to Lea+Elliott on Task 11 for CSC.
    - To date, 1 NCR (closed).
  - 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, 46 NCRs have been issued: 38 by KIWC (2 open) and 8 by HART/GEC (all closed).
  - MSF:
    - 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 of KKJV and HNTB (no NCR).
    - Accepted Kenneth Sanders as the KKJV Construction Quality Assurance Manager (CQAM).
  - 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.
    - To date, 4 NCRs have been issued (all closed).
  - CSC: Met with the AHJV Quality Assurance Manager (QAM) to discuss and establish Bi-weekly Quality Task Force Meeting.

- FHSG:
  - Continue to participate in weekly HART-GEC-HDR Design Coordination Meetings.
  - To date, 4 NCRs have been issued (all closed).
- Airport Guideway:
  - Bi-weekly QA Task Force meetings were held with the AECOM QA Team to discuss the status of submittals, design activities and field activities.
  - Performed QA Audit of AECOM Sacramento, CA office (no NCR).
- **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, FHSG, AUG and Core Systems contracts.
  - Perform scheduled QA Audits and Surveillances (Process Audits), as follow:
    - Ansaldo Breda, CA on June 20-23
    - Ansaldo STS, PA on June 27-29
  - Follow-up/Close corrective and preventative actions on all NCRs and Observations issued.
  - Review Contractors/Consultants QAP updates.

### 4.3 Right-of-Way Status and Third Party Agreements

- **Activities this month**
  - Acquisitions:
    - A revised offer was made for TMK 9-4-047-008, a partial take for the West Loch Station in the WOFH Section.
    - Appraisal for TMK 2-3-007-033, a full take in the City Center section, submitted to FTA for concurrence.
  - Relocations:
    - All residents at TMK 9-6-003-018 have been relocated and the parcel is now available for construction.
    - 30-day notice was issued to residents of TMK 9-6-003-012 within the Banana Patch.

**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
<b>FULL ACQUISITION</b>								
<b>Total</b>	<b>40</b>	<b>38</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>25</b>	<b>11</b>
WOFH	14	14	0	0	2	3	21	9
KHG	5	3	0	0	1	1	1	1
Airport	5	5	0	4	0	0	0	0
City Center	16	16	0	1	3	2	3	1
<b>PARTIAL ACQUISITION</b>								
<b>Total</b>	<b>163</b>	<b>133</b>	<b>8</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>7</b>
WOFH	18	10	2	0	1	0	0	6
KHG	21	7	4	0	3	0	0	0
Airport	31	34	2	0	0	0	0	1
City Center	93	82	0	0	2	0	0	0
<b>EASEMENTS</b>								
<b>Total</b>	<b>12</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
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
<b>GRAND TOTAL</b>	<b>215</b>	<b>183</b>	<b>13</b>	<b>5</b>	<b>12</b>	<b>6</b>	<b>25</b>	<b>19</b>

FEIS = Final Environmental Impact Statement

**Figure 28. H RTP Acquisition-Relocation Agreements Status**

<b>Agreement</b>	<b>Section</b>	<b>Date Required or Agreement Complete</b>	<b>Current Status</b>
University of Hawaii (UH) Master Agreement	WOFH, KHG, City Center	June 2012	Tentative agreement is in place on path forward to secure access to the property.
Leeward Community College (LCC) Sub-Agreement	WOFH	June 2012	Property appraisal underway.
UH West Oahu (UHWO)	WOFH	November 2012	Property appraisal underway.
Department of Education (DOE) Consent to Construct and Master Agreement	WOFH	February 8, 2011	Executed.
DR Horton Agreement	WOFH	March 7, 2012	Executed.
DHHL Master Agreement	WOFH, MSF	March 10, 2010	Executed.
DHHL Consent to Construct	WOFH, MSF	December 1, 2011	Consent to Construct is in place pending license and/or property transfer is completed.
DHHL License or Property Transfer	WOFH, MSF	December 2012	DHHL is reviewing licensing agreement and discussions continue with the City on transfer of property.
HDOT Master Agreement for WOFH	WOFH	October 31, 2011	Executed.
HDOT WOFH Use and Occupancy Agreement	WOFH	April 5, 2012	Executed.
UH Urban Garden Sub-agreement	KHG	July 2012	Property appraisal underway.
HDOT Master Agreement for KHG	KHG	May 2012	Comments received from HDOT; issues being addressed
HDOT KHG 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	Revised agreement submitted to DAGS for review. Have agreement for partial temporary use.
Post Office Administration	Airport	November 2013	Initiated request to secure an easement for Post Office property.
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.
FAA Master Agreement	Airport	July 2013	As design progresses, a determination will be made on whether or not an agreement is required.
HDOT Use and Occupancy	Airport	July 2013	Will be completed after master

Agreement	Section	Date Required or Agreement Complete	Current Status
for Airport			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	Property appraisal underway.
Federal Court House/ General Services Administration (GSA)	City Center	October 2014	HART is reviewing the GSA draft agreement.
Hawaii Community Development Authority (HCDA)	City Center	October 2014	Awaiting final design requirements for the guideway.
DAGS	City Center	October 2014	Awaiting final design requirements for the guideway.

- **Look Ahead**

- WOFH Section:

- Issue 30-day notice to residents of TMK 9-6-003-013 within the Banana Patch.
- Complete appraisals for UHWO and LCC.

- 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.
- Continue negotiations on TMK 9-8-009-017 at Waimalu/Aiea on Kamehameha Highway.
- Issue 90-day notice to relocate tenants of TMK 9-8-010:002 at the Pearlridge station area.
- Complete appraisal of TMK 9-7-023-003 for the UH Urban Gardens at Pearl City/ Kamehameha Highway.

- Airport Section:

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

- City Center Section:

- Continue to secure consent to enter for AIS.
- Continue negotiations for TMKs 1-5-007-021, 1-2-009-001 and 1-2-010-068 at Kalihi/Dillingham Blvd and partial takes associated with TMK 1-7-002-026 at Chinatown/Nimitz Highway and TMK 1-2-009-017 at Kalihi/Dillingham Blvd.
- Complete appraisal for HCC.

## 4.4 Planning and Environment

- **Activities This month**

- Programmatic Agreement (PA) [reported by PA Stipulation number]
  - II. Traditional Cultural Properties (TCP)
    - Consultation for the remainder of the WOFH section and for the KHG and Airport sections is in progress. A meeting was held with consulting parties on May 4 and the final date for comments was May 7.
    - HART submitted an eligibility and effects determination report on the WOFH, KHG and Airport sections to FTA on May 15.
    - The State Historic Preservation Division (SHPD) will get a 30-day review period once this documentation is submitted by FTA. Consulting parties will get an opportunity to review this documentation concurrently.
  - III. Identification and Protection of Archaeological Sites and Burials: Archaeological Inventory Surveys (AIS)
    - Phase 2 (KHG) AIS: SHPD approved the Phase 2 (KHG) AIS Report and Monitoring Plan on May 23 and 3 additional trenches will be dug near the Pearlridge Station this summer.
    - Phase 3 (Airport) AIS: AIS trenching work was conducted on Navy property in May. A total of 40 trench locations have been identified section-wide and 5 trenches have been dug to date.
    - Phase 4 (City Center) AIS: Of the 232 trenches scheduled to be dug in the City Center phase (Middle Street to Ala Moana Center), 52 have been completed through May 25.
  - V. Recordation and Documentation
    - Historic American Buildings Survey/ Historic American Engineering Record/ Historic American Landscape Survey (HABS/HAER/HALS) photo recordation of adversely affected historic properties started in May for a series of historic bridges in the WOFH and KHG sections.
- Mitigation Monitoring Program (MMP)
  - Monthly and quarterly reporting on MMP Mitigation Measures IDs (MMIDs) continues. Fewer than 100 MMIDs are currently active. Monitoring includes: onsite inspection for construction activities, permit delimitation to include MMIDs and road mapping of PA status by section. HART has hired a new staff person to assist with the monitoring and compliance task, expected to start in June or July.
  - The Outdoor Circle (TOC): Updates are being provided by email. No meetings have occurred pending HART legal review since TOC has joined the list of plaintiffs in the federal lawsuit. An agreement on meeting protocol has been reached and meetings are expected to resume this summer.
  - The Ko'olua'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 awaiting HDOT signature. To date, no Ko'olua'ula have been identified in the project footprint.

- Planning Activities
  - Special Use Permit (SUP) for the Ho’opili Laydown Yard: The SUP application was accepted by the City Department of Planning and Permitting (DPP) on April 17. The public hearing will be held on July 11. The request to DPP to continue the temporary Laydown Yard at Ho’opili was approved for extension through December 31, or the effective date of the Planning Commission’s decision on the SUP, whichever occurs first.
  - Environmental review documentation is being drafted for laydown yards in the KHG section.
  - HART and DPP continue to conduct monthly meetings to discuss Transit-Oriented-Development (TOD) around future transit stations and HART will attend a DPP symposium on TOD in the first week of July.
  - DPP is launching TOD plans and updates with a focus on Ala Moana, Kalihi and Downtown. HART staff attended a plan tour of the Ala Moana Station area on May 22.
  - Monthly HART sustainability committee meetings continue as the team identifies ways to improve the support of “green” features Project-wide and within each contractor’s Sustainability Action Plan.
- **Look Ahead**
  - TCP Completion in the WOFH, KHG and Airport sections in July.
  - Completion of photo recordation of historic properties in July or August.
  - The next Semi-Annual Meeting with PA Consulting Parties will be in July.
  - The next Historic Preservation Committee (HPC) Meeting will be in July.
  - The DPP Symposium on TOD will be held in the first week of July.
  - The SUP public hearing will be on July 11.

## 4.5 Permits

- **Activities this month**

- WOFH permits received:
  - HDOT Highways Division Municipal Separate Storm Sewer System (MS4): for work in the Kaloι Drainage Canal, allowing storm water runoff from construction activities to enter drainage inlets owned by HDOT Highways Division.
- MSF:
  - City Department of Planning and Permitting (DPP) Mass Grading Permit (obtained by contractor): allows grading and site work to begin at the MSF site.
- KHG:
  - Hawaii Department of Health (HDOH) Clean Water Branch National Pollutant Discharge Elimination System (NPDES)-Form C-General Construction: necessary before performing any ground-disturbing activities.
  - Navy MS4: for permanent construction, allowing storm water runoff from construction activities to enter drainage inlets owned by the Navy.
- Airport Guideway Design permits received:
  - Navy MS4: for pre-construction activities in the Airport section, allowing storm water runoff from exploratory and geotechnical work to enter drainage inlets owned by the Navy.
  - DPP MS4: for pre-construction activities in the Airport section, allowing storm water runoff from exploratory and geotechnical work to enter drainage inlets owned by the City.
  - HDOH Indoor and Radiological Health Branch Community Noise Permit: necessary for performing work on weekdays.
  - HDOH Indoor and Radiological Health Branch Noise Variance: necessary for performing work at night or on weekends.

- **Look Ahead**

- Significant permits to be received for WOFH:
  - HDOH Clean Water Branch NPDES-Form G-Dewatering Permit, necessary for performing any dewatering activities.
  - HDOT Highways MS4s: for permanent shaft dewatering and permanent utility relocation dewatering; necessary to allow storm water runoff from dewatering activities to enter drainage inlets owned HDOT Highways Division.
  - Department of Education (DOE) MS4s: for permanent construction and permanent shaft dewatering; necessary to allow storm water runoff from construction and dewatering activities near Waipahu High School to enter drainage inlets owned by DOE.
- Significant permits to be received for KHG:
  - HDOT Highways Division MS4s for permanent construction; necessary to allow storm water runoff from construction activities to enter drainage inlets owned by HDOT Highways Division.
- Significant permits to be received for Airport Guideway Design:
  - HDOH Clean Water Branch NPDES-Form C-General Construction: necessary before performing any ground-disturbing activities.

- HDOT Highways Division MS4: for preconstruction activities in the Airport section, necessary to allow storm water runoff from exploratory and geotechnical work to enter drainage inlets owned by HDOT Highways Division.

## 4.6 Risk Management

- **Activities this month**
  - The Owner-Controlled Insurance Program (OCIP) Consultant is mobilized and working on Task 1 activities.
  - HART has procured Builders Risk insurance policies for the Kamehameha Guideway (KHG) and Maintenance and Storage Facility (MSF) Design-Build (DB) contracts.
  - 10 contract-/discipline-specific meetings were held to review the Risk Register.
- **Look Ahead**
  - Submit revised Risk and Contingency Management Plan (RCMP) to FTA to meet Full Funding Grant Agreement (FFGA) requirements.
  - Continue to work with the OCIP Consultant on analysis.
  - Monthly contract-/discipline-specific risk meetings will be held in early June.
  - The regular monthly Risk Analysis Committee (RAC) meeting is scheduled for June 7.

**Figure 29. Top Ten Project Risks**

Risk ID	SCC Code	Contract Package	Risk Description	Prob	Prob Rating	Cost Impact	Time Impact	April Risk Rating	Feb. 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
157	90.00	Project wide	Delay to issue LONP2a results in additional cost and schedule impacts with the casting yard.	90%	5	4	2	15	8
116	40.02	City Center Guideway	Assumption is water mains will be relocated around columns by addition of bends, which 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
58	90.00	Project Wide	City may require changes to baseline documents resulting in formal change orders.	90%	5	4	1	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
44	90.00	Project Wide	Lack of bidders could increase costs.	50%	3	5	3	12	12
56	40.02	Project Wide	BWS and/or HDOT may not grant waiver to leave in place existing utilities to be abandoned that are not impacted by new structures requiring partial or total removal.	75%	4	5	1	12	12
89	20.02	Right of Way	Property issues associated with Aloha Stadium Authority could result in additional costs due to reduced property area available to contractors.	75%	4	4	2	12	12
63	40.02	Project Wide	Costs for utility relocations may increase if utility plans have deviations greater than contract stipulation.	75%	4	4	2	12	12

**Figure 30. Summary of Risks by Contract Package**

Contract Packages	February 2012 # of Risks	April 2012 Update				
		Total # of Risks		Newly Sub-Divided Risks*	New Risks	Deleted Risks
Project Wide	71	71	17*	0	0	0
WOFH	50	50		0	0	0
MSF	23	23		0	0	0
KHG	40	40		0	0	0
Core Systems Contract	25	25		0	0	0
Right of Way	11	11		0	0	0
Airport Guideway	50	50		0	0	0
City Center Guideway	55	55		0	0	0
Project Wide Stations	4	4		0	0	0
Farrington Highway Stations	2	2		0	0	0
West Oahu Stations	4	4		0	0	0
Kamehameha Highway Stations	3	3		0	0	0
Airport Stations	1	1		0	0	0
City Center Stations	3	3		0	0	1
<b>Total</b>	<b>342</b>	<b>342</b>	<b>288*</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*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 342. There are a total of 288 risks when excluding the duplicated Project Wide risks.

**Figure 31. FTA Risk Categories**

FTA Risk Categories	April 2012	
	#	%
Design	94	27%
Requirements	77	23%
NEPA	20	6%
TCC	17	5%
Market	10	3%
Geotech/ Early Construction	34	10%
Construction	89	26%
Start-Up	1	0.3%
<b>Total</b>	<b>342</b>	<b>100%</b>

## 4.7 Community Outreach

- **Activities this month**

- Five major town hall informational meetings were held in Kalihi, Salt Lake, Mililani, Waipahu and urban Honolulu and were well attended, drawing hundreds of attendees. In addition to a general project update, the informational meetings included smaller workshop-style groups around key areas of public interest, including construction, cost, operations and transit-oriented development. The meetings also provided the public with an opportunity to speak one-on-one with the HART staff and CEO/Executive Director. Community feedback on these meetings has been positive.
- To date, staff has participated in:
  - 1,225 presentations and events and
  - 667 neighborhood boards.
- Archaeological Inventory Survey (AIS) work in the Airport and City Center areas continue and the public involvement team provided outreach and informational materials for area businesses regarding the work.
- Construction outreach continued with business and community meetings along the West Oahu/Farrington Highway and Kamehameha Highway sections of the rail route.



*Residents and business leaders listen to HART's update regarding the rail project during a town hall meeting.*

- HART Public Involvement booths at May events:
  - Informational booth at the Sixth Annual Aging in Place Workshop, with approximately 1,000 attendees.
  - Informational booth at the Filipino Fiesta, an event with approximately 5,000 attendees.
  - Informational booth at the Seventh Annual Book and Music Festival, attended by more than 5,000 attendees.
- **Look Ahead**
  - Archaeological Inventory Survey (AIS) outreach area canvassing.
  - Construction outreach for the Kamehameha Highway Guideway (KHG) section area.

## 5. STAFFING

- **Activities this month**

**Figure 32. Staffing Activities**

Title	Group	New/Existing HART position*	Position Status	Start Date
<b>Executive Administration</b>				
Chief Financial Officer		New	Recruiting	
<b>Engineering and Construction</b>				
Engineer IV	Utility	New	Offer made	June
Planner V	Permits & Hazmat	New	Offer made	July
Engineer VI	City Center	New	Interviewing	
Planner V	Mitigation	New	Offer made	July
Architect/CE IV or V	Airport/City Center	Existing	Offer made	August
Secretary I	Core Systems	Existing	Offer made	July
Architectural Historian	Planning	New	Recruiting	
Traffic Engineer II	Facilities	Existing	PMSC	
Electrical Engineer III/IV**	Core Systems	New	Recruiting	
<b>Administration and Controls</b>				
Quality Assurance Engineer	Mechanical	New	Offer made	July
Quality Assurance Engineer	Electrical	New	Offer made	July
Assistant Project Officer	Administration and Controls	New	Recruiting	
Contract Change Specialist Supervisor	Configuration Management	New	Interviewing	
Human Resources Specialist I/II** (2 positions)	Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprises (DBE)	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	
<b>Labor Relations</b>				
Manager	Project Labor Agreement	New	Recruiting	

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

\*\*Per qualifications.

- **Look Ahead**

- HART staffing projections (actual versus planned), as defined in the current Staffing Plan, are shown in Figure 33 and Figure 34 on the next page.

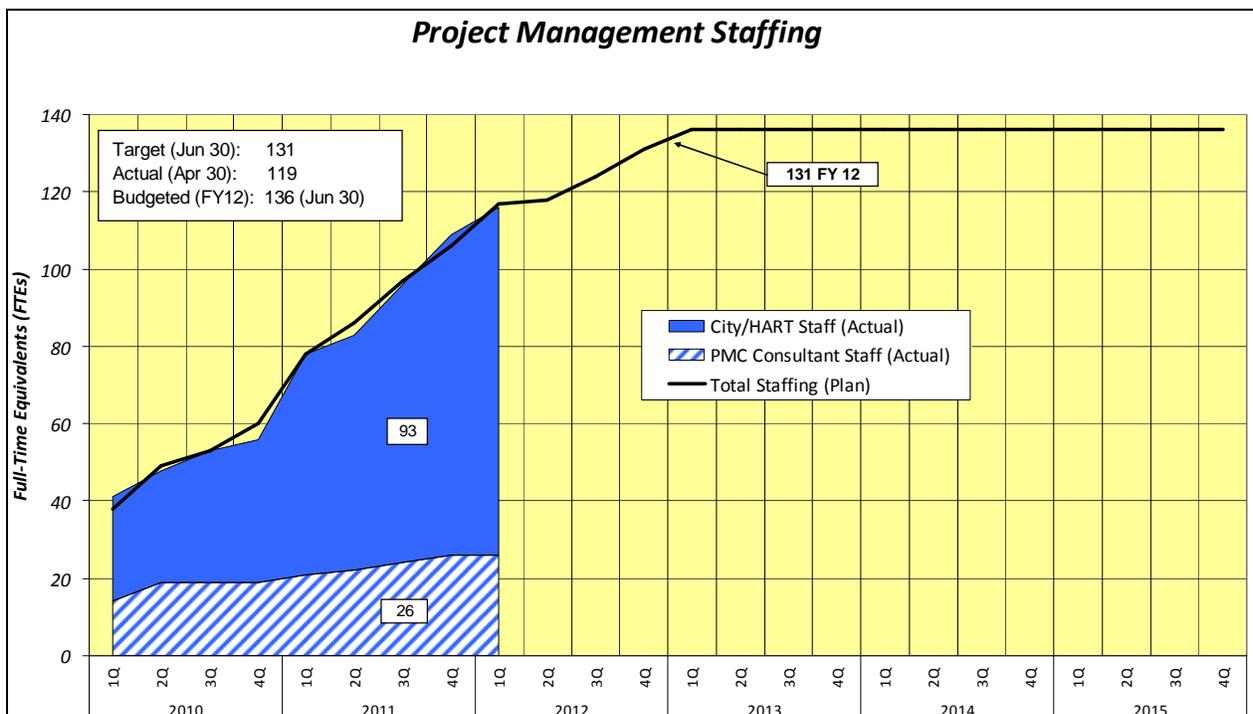
**Figure 33. HART Staffing Projection in current Staffing Plan**

<i>[Also see the Staffing Chart in Figure 34 below]</i>	as of:	# Employees
Target*	June 30	131
Actual*	May 31	119
Full-Time Employees budgeted for FY12**	June 30	136

\*Including PMSC staff; \*\*Excluding PMSC staff.

- HART currently receives direct project support in centralized 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), and
  - the Hawaii Department of Transportation (HDOT) on Consultant Services Contracts.
  
- For greater organizational structure detail, see the HART Project Organization Chart in Appendix A at the end of this report.

**Figure 34. Project Management Staffing (Actual and Planned)**



## **6. APPENDICES**

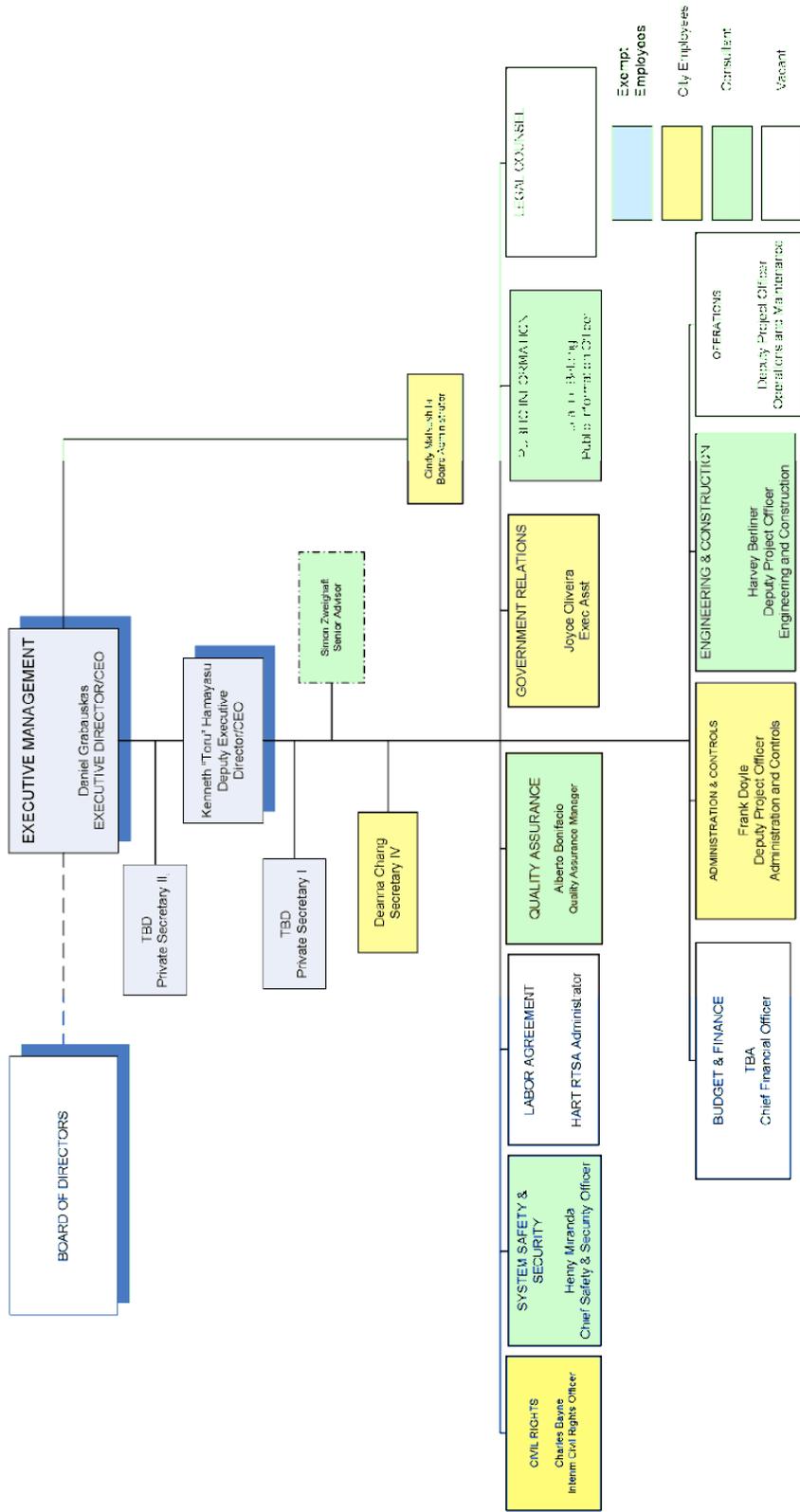
- **Appendix A - Project Organization Chart**
- **Appendix B - Project Alignment**

Appendix A. Project Organization Chart

5/25/2012

Honolulu Authority for Rapid Transportation

Appendix A



### Appendix B. Project Alignment

