

July 2012

Based on data date cut-off of
July 27, 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 Column construction for the guideway along the West Oahu/Farrington Highway (WOFH) section of the Honolulu Rail Transit Project (H RTP) continues in East Kapolei, with 5 columns completed (as shown in the photograph in Figure 1 below) and over 30 shafts drilled to date. The pace of work by Design-Build Contractor Kiewit Infrastructure West Company (KIWC) has increased this month with no major reportable safety or security incidents. Shaft work in the Farrington Highway section is anticipated to begin this November.

Figure 1. Column forms signal H RTP progress in West Oahu



- 1.1.2 A total of \$46.99 million in General Excise and Use Tax (GET) Surcharge revenue collected in the April-June quarter was received on July 31. The 0.5% GET surcharge, begun in January 2007, now totals \$905.72 million. HART Executive Director and CEO, Dan Grabauskas, commented that, "Passing the \$900 million mark in GET-generated revenue shows that the financial picture for our rail project remains strong." The surcharge will be levied through 2022 and is projected to fund nearly 70% of the Project cost.
- 1.1.3 On June 15, HART awarded the \$7.89 million Final Design Consultant contract and issued Notice to Proceed 1a (NTP 1a) for the West Oahu Station Group (WOSG) to URS Corporation. The scope of service includes the 3 West Oahu stations in the initial 7-mile section of the H RTP along the West Oahu/Farrington Highway (WOFH) guideway. The consultant will prepare final construction plans and detailed specifications for the line's westernmost stations, the East Kapolei, University of Hawaii West Oahu (UHWO) and Ho'opili Stations.
- 1.1.4 On July 25, Maintenance and Storage Facility (MSF) Design-Build Contractor, Kiewit Kobayashi Joint Venture (KKJV), achieved a key milestone in awarding the \$60 million sub-contract for the steel rail, concrete ties, direct fixation fasteners, third rail accessories and special trackwork for the full alignment to L.B. Foster Company of Pittsburgh, PA. KKJV's contract, awarded in 2011, included the purchasing of major equipment at the MSF and rail materials for the alignment.

1.2 HART Board of Directors Meetings and Events in July-August

HART Finance Committee Meeting

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

HART Project Oversight Committee Meeting

Thursday, July 5, 9:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

HART Transit-Oriented Development (TOD) Committee Meeting

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

HART Board of Directors Meeting

Thursday, July 19, 9:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

HART Transit-Oriented Development (TOD) Committee Meeting

Thursday, August 9, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

HART Finance Committee Meeting

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

HART Joint Finance/Project Oversight Committee (POC) Meeting

Thursday, August 16, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

HART Board of Directors Meeting

Thursday, August 16, 9:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public.

HART Audit/Legal Committee Meeting

Thursday, August 30, 9:00 a.m., Kapolei Hale, Conference Room B, 1000 Uluohia St.
Open to the Public.

HART Board of Directors Meeting and Site Visit

Thursday, August 30, 10:30 a.m., Kapolei Hale, Conference Room B, 1000 Uluohia St.
Open to the Public.

2. PROJECT STATUS

2.1 Budget/Cost

2.1.1 The April 2011 Baseline Project Budget for Entry into Preliminary Engineering (PE) was \$5.213 billion. The September 2011 Project Budget for Entry into Final Design was updated to \$5.126 billion. The June 2012 FFGA Project Budget is \$5.123 billion. The baseline Project Budget amounts reported herein relate to the FTA New Starts project and exclude financing costs that will be incurred beyond the FFGA completion date.

2.1.2 As of June 29, \$445.4 million, or 10.3%, of the Project Budget has been incurred (actual expenditures plus approved requests for payment). *This percentage is based on incurred costs divided by \$4.3 billion (the Total Project Budget of \$5.123 billion minus Contingencies [\$643.6 million] and estimated financing costs [\$173.1 million].)*

2.1.3 The Project’s Total Budget Contingency is currently \$643.6 million, of which \$541.7 million is Allocated and \$101.9 million is Unallocated Contingency.

2.1.4 Funding to Date

Figure 2 below shows total General Excise and Use Tax (GET) surcharge at \$905.7 million as of end July. This includes GET surcharge revenue collected:

- in the last quarter of Fiscal Year 2012 (April-June), which was received in July,
- since Entry into Preliminary Engineering (PE) on October 16, 2009 and
- pre-PE (from inception of the GET surcharge on January 1, 2007 to the start of PE).

With the \$46.99 million received in July, actual GET surcharge revenue collected to date since Entry into PE comes to \$480 million. This is on track with the Net GET Surcharge Revenues targeted to be collected in FY2010 through FY2012 in the June 2012 Financial Plan (Table A-1, page A-2). As of the June 29 financial data date, total project revenue (cumulative revenue net of debt service payments) since the start of PE is \$903.4 million. Figure 3 and Figure 4 on the next page set out and break down the planned project funding sources.

Figure 2. Project Revenue versus Incurred Costs

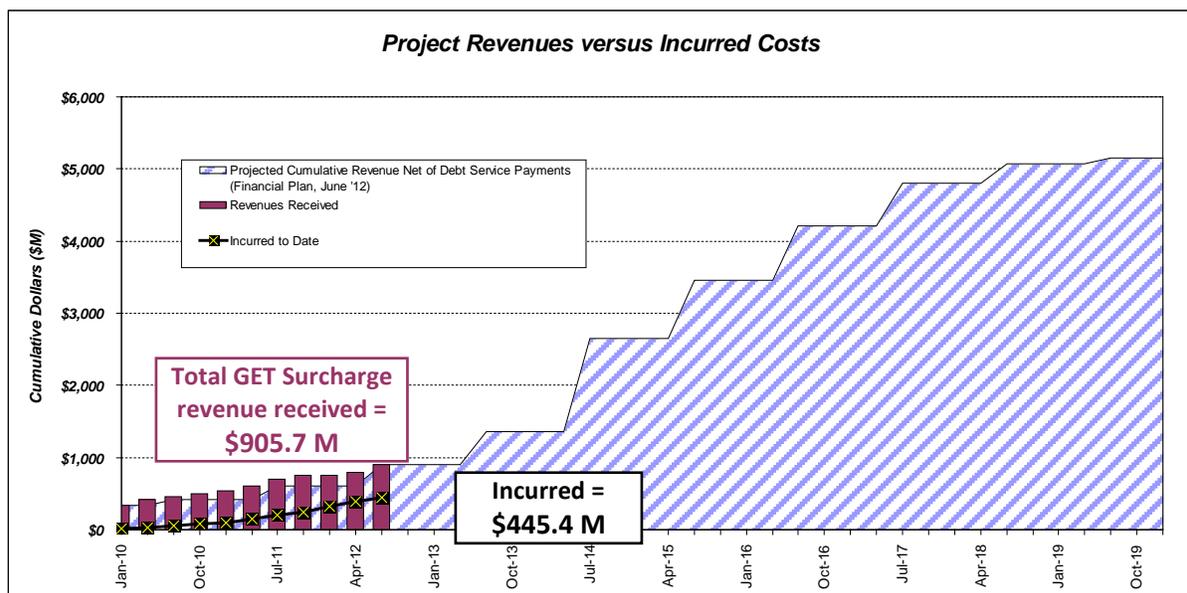
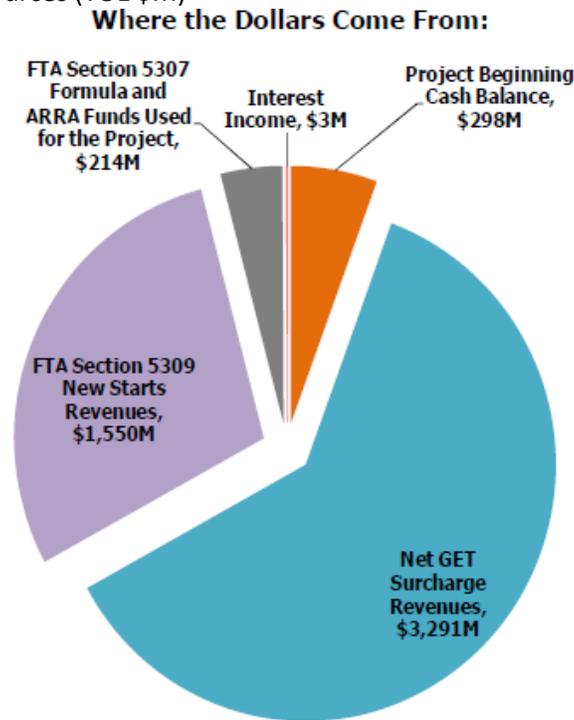


Figure 3. Project Funding Sources (YOE \$M)



Source: H RTP Financial Plan for FFGA, June 2012, p. 2-1

Figure 4. Planned Funding

<i>Fund</i>	<i>Planned¹ (\$YOE M)</i>	<i>Received to Date (\$M)</i>
FTA Section 5307 Formula Funds, including ARRA	214	4
Investment Interest Income on Cash Balance	3	1
Opening Cash Balance ²	298	² 298
FTA Section 5309 New Starts	1,550	62
Net General Excise Tax (GET) Surcharge revenues FY2010-FY2023 ³	3,291	³ 480
Transfer of Excess Cash and Reserve to Rail Capital and O&M Cost	(193)	
Sub-Total	5,163	845
Financing (project only)	(173)	
Sub-Total	4,990	
Financing (post-project)	(42)	
TOTALS	\$4,949	\$845

¹ Per the June 2012 Financial Plan for FFGA (p. 2-1), Total Project Capital Costs are planned at \$4,396 M in 2012 dollars and \$4.949 M in YOE dollars. These costs are inclusive of construction, professional services (engineering, design and construction management) and contingency, but exclude finance charges

² Beginning Cash Balance at Entry into PE = GET, investment and miscellaneous income minus pre-PE expenditures.

2.1.5 Cost versus Baseline Budget

See Figure 5 on the next page and Figure 6 starting on page 9 for project costs by FTA Standard Cost Code (SCC) levels 1 and 2.

Figure 5. Project Costs by Standard Cost Code (SCC) Level 1



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Project Costs by SCC - Level 1

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SCC	Title	A		B		C=A+B		D		E		F		G		H=C-G		INCURRED	
		Baseline	Transfers	BUDGET	Transfers	COMMITTED	Current	Current	Current	AFE**	AFE**	Changes ID'd***	Est. At Completion****	Variance	Incurred To Date				
1. Subtotal 10 - 80 SCC Costs																			
10	Guideway & Track Elements	1,114,215,147	0	1,114,215,147	0	509,700,435	0	509,700,435	(40,126)	10,765,248	1,114,215,147	0	834,990	0	0	0	0	0	
20	Stations, Stops, Terminals, Intermodal	421,804,740	0	421,804,740	0	96,343,664	0	96,343,664	0	6,035,034	92,535,015	0	2,781,480	0	0	0	0	0	
30	Support Facilities; Yards, Shops, A	92,535,015	0	92,535,015	0	469,366,469	0	469,366,469	19,568,114	10,573,921	983,178,121	0	161,982,646	0	0	0	0	0	
40	Site work & Special Conditions	983,178,121	0	983,178,121	0	221,284,301	0	221,284,301	0	59,020	221,284,301	0	0	0	0	0	0	0	
50	Systems	221,284,301	0	221,284,301	0	198,220,218	0	198,220,218	277,800	186,829,020	198,220,218	0	26,964,512	0	0	0	0	0	
60	ROW, Land, Existing Improvements	197,997,947	822,271	198,820,218	0	189,697,901	0	189,697,901	93,004,381	1,015,693	1,090,037,468	0	253,161,125	0	0	0	0	0	
70	Vehicles	186,829,020	2,207,349	1,090,037,468	0	575,426,886	0	575,426,886	113,095,998	28,726,716	4,308,104,030	0	445,724,753	0	0	0	0	0	
Subtotal:		4,305,074,410	3,029,620	4,308,104,030	2,075,958,219	2,075,958,219	0	2,075,958,219	756,631,891	0	0	0	0	0	0	0	0	0	
2. AFE																			
AFE	Authorized For Expenditure	0	0	0	0	0	0	0	756,631,891	0	0	0	0	0	0	0	0	0	0
Subtotal:		0	0	0	0	0	0	0	756,631,891	0	0	0	0	0	0	0	0	0	0
3. Contingency																			
CNTR	Contingency	541,689,343	(3,029,620)	538,659,723	3,561,345	3,561,345	0	3,561,345	2,947,097	83,883,260	538,659,723	0	0	0	0	0	0	0	0
PRJ	Contingency	101,871,170	0	101,871,170	0	0	0	0	0	0	101,871,170	0	0	0	0	0	0	0	0
Subtotal:		643,560,513	(3,029,620)	640,530,893	3,561,345	3,561,345	0	3,561,345	(614,249)	83,883,260	640,530,893	0	0	0	0	0	0	0	0
4. Finance Charges - Eligible																			
OTH	Finance Charges	173,058,243	0	173,058,243	0	0	0	0	0	0	173,058,243	0	0	0	0	0	0	0	0
Subtotal:		173,058,243	0	173,058,243	0	0	0	0	0	0	173,058,243	0	0	0	0	0	0	0	0
FTA TOTAL PROJECT COSTS 5,121,693,166																			
FTA TOTAL PROJECT COSTS		5,121,693,166	0	5,121,693,166	2,079,519,564	2,079,519,564	0	2,079,519,564	869,113,641	112,609,976	5,121,693,166	0	445,724,753	0	0	0	0	0	0
4. Finance Charges - Ineligible Costs																			
FINC	Finance Charges	42,000,000	0	42,000,000	0	0	0	0	0	0	42,000,000	0	0	0	0	0	0	0	0
Subtotal:		42,000,000	0	42,000,000	0	0	0	0	0	0	42,000,000	0	0	0	0	0	0	0	0
INELIGIBLE COSTS																			
INELIGIBLE COSTS		42,000,000	0	42,000,000	0	0	0	0	0	0	42,000,000	0	0	0	0	0	0	0	0
Total Project:		5,163,693,166	0	5,163,693,166	2,079,519,564	2,079,519,564	0	2,079,519,564	869,113,641	112,609,976	5,163,693,166	0	445,724,753	0	0	0	0	0	0

* Current Committed = Original Contract + CCO/Amendment

** AFE = Authorized For Expenditure (Latest NTP Amounts or equal to current commitment Plus Executed Change Orders/Amendments)

*** Changes Identified= Pending + Probable + Potential Changes

**** Est. At Completion = Original Contract + CCO/Amendments + Pending Changes + Potential Changes (Adjustments)+Uncommitted

Figure 6. Project Costs by SCC Level 2



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Project Costs by SCC - Level 2

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SCC	Title	A		B		C=A+B		D		E		F		G		H=C-G		I
		Baseline	Transfers	BUDGET	Transfers	Current	COMMITTED	Current*	AFE**	AFE**	Changes	ID'd***	Est. At Completion****	Variance	Incurred To Date			
1. Subtotal 10 - 80 SCC Costs																		
10	Guideway & Track Elements	1,114,215,147	0	1,114,215,147	509,700,435	(40,126)	10,765,248	1,114,215,147	0	834,990								
10.04	Guideway: Aerial Structure	1,022,380,671	0	1,022,380,671	434,059,325	(40,126)	751,595	1,022,380,671	0	834,990								
10.08	Guideway: Retained Cut or Fill	7,492,944	0	7,492,944	6,436,256	0	0	7,492,944	0	0								
10.09	Track: Direct Fixation	79,347,205	0	79,347,205	65,006,980	0	10,013,653	79,347,205	0	0								
10.11	Track: Ballasted	3,293,724	0	3,293,724	2,697,875	0	0	3,293,724	0	0								
10.12	Track: Special (Switches, Turnouts)	1,700,603	0	1,700,603	1,500,000	0	0	1,700,603	0	0								
20	Stations, Stops, Terminals, Interiors	421,804,740	0	421,804,740	0	0	0	421,804,740	0	0								
20.01	At-grade station, stop, shelter...	6,111,332	0	6,111,332	0	0	0	6,111,332	0	0								
20.02	Aerial Station, stop, shelter, mail	294,563,457	0	294,563,457	0	0	0	294,563,457	0	0								
20.06	Automobile parking multi-story str	66,408,765	0	66,408,765	0	0	0	66,408,765	0	0								
20.07	Elevators, Escalators	54,721,186	0	54,721,186	0	0	0	54,721,186	0	0								
30	Support Facilities: Yards, Shops, A	92,535,015	0	92,535,015	96,343,664	0	6,035,034	92,535,015	0	2,781,480								
30.02	Light Maintenance Facility	7,591,888	0	7,591,888	7,586,793	0	0	7,591,888	0	0								
30.03	Heavy Maintenance Facility	38,099,138	0	38,099,138	37,857,090	0	0	38,099,138	0	2,657,874								
30.04	Storage or Maintenance of Way Bul	7,797,460	0	7,797,460	7,735,910	0	0	7,797,460	0	73,606								
30.05	Yard and Yard Track	39,046,529	0	39,046,529	43,163,931	0	6,035,034	39,046,529	0	50,000								
40	Sitework & Special Conditions	983,178,121	0	983,178,121	469,366,469	19,568,114	10,573,921	983,178,121	0	161,982,646								
40.01	Demolition, Clearing, Earthwork	29,980,158	0	29,980,158	7,903,758	56,614	118,600	29,980,158	0	0								
40.02	Site Utilities, Utility Relocation	299,449,756	0	299,449,756	82,540,517	96,270	1,951,521	299,449,756	0	4,472,096								
40.03	Haz. matl, contain'd soil removal	9,199,237	0	9,199,237	0	50,000	0	9,199,237	0	0								
40.04	Environmental Mitigation	26,979,122	0	26,979,122	16,540,806	50,000	0	26,979,122	0	2,860,296								
40.05	Site structures, retaining walls,	7,998,960	0	7,998,960	8,902,848	50,000	0	7,998,960	0	0								
40.06	Pedestrianlike access/landscaping	41,073,897	0	41,073,897	4,996,434	50,000	53,400	41,073,897	0	0								
40.07	Auto, bus, van accessways	181,979,367	0	181,979,367	35,238,516	520,000	320,400	181,979,367	0	427,000								
40.08	Temporary Facilities/Indirect Cost	386,517,524	0	386,517,524	313,243,589	19,045,230	6,130,000	386,517,524	0	154,223,313								
50	Systems	221,284,301	0	221,284,301	205,658,951	0	59,020	221,284,301	0	0								
50.01	Train control and signals	81,982,556	0	81,982,556	82,679,000	0	0	81,982,556	0	0								
50.02	Traffic signals and crossing prot.	10,458,226	0	10,458,226	0	0	0	10,458,226	0	0								
50.03	Traction power supply: substation	29,500,926	0	29,500,926	30,975,668	0	59,020	29,500,926	0	0								
50.04	Traction power distribution: catl	32,878,150	0	32,878,150	25,080,619	0	0	32,878,150	0	0								
50.05	Communications	53,691,339	0	53,691,339	54,251,174	0	0	53,691,339	0	0								
50.06	Fare collection system and equipm	9,159,277	0	9,159,277	9,218,099	0	0	9,159,277	0	0								
50.07	Central Control	3,613,827	0	3,613,827	3,453,791	0	0	3,613,827	0	0								

* Current Committed = Original Contract + CCOI/Amendment

** AFE = Authorized For Expenditure (Latest NTP Amounts or equal to current commitment Plus Executed Change Orders/Amendments)

*** Changes Identified= Pending + Probable + Potential Changes

**** Est. At Completion = Original Contract + CCOI/Amendments + Pending Changes + Potential Changes (Adjustments)+Uncommitted

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Project Costs by SCC - Level 2

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SCC	Title	BUDGET		COMMITTED		AFE		ESTIMATE AT COMPLETION		Variance	Incurred To Date
		Baseline	Transfers	Current	Current *	AFE**	AFE**	Changes ID'd***	Est. At Completion****		
		A	B	C=A+B	D	E	F	G	H=C-G	I	
1. Subtotal 10 - 80 SCC Costs											
60	ROW, Land, Existing Improvement	197,397,947	822,271	198,220,218	28,764,512	28,764,512	277,800	198,220,218	0	28,964,512	0
60.01	Purchase or lease of real estate	179,860,664	(2,177,729)	177,682,935	25,576,526	25,576,526	0	177,682,935	0	25,576,526	0
60.02	Relocation of existing households	18,037,283	3,000,000	21,037,283	4,187,986	563,629	277,800	21,037,283	0	1,387,966	0
70	Vehicles	166,629,020	0	166,629,020	169,697,901	0	0	166,629,020	0	0	0
70.01	Light Rail	166,721,366	0	166,721,366	171,122,353	0	0	166,721,366	0	0	0
70.06	Non-revenue vehicles	14,346,923	0	14,346,923	13,026,548	0	0	14,346,923	0	0	0
70.07	Spare parts	5,760,711	0	5,760,711	5,549,000	0	0	5,760,711	0	0	0
80	Professional Services	1,067,830,119	2,207,349	1,069,037,468	575,426,866	93,004,381	1,015,693	1,069,037,468	0	253,161,125	0
80.01	Preliminary Engineering	94,055,262	1,307,039	95,362,301	109,576,594	20,064,919	269,871	95,362,301	0	90,789,752	0
80.02	Final Design	228,321,632	0	228,321,632	74,402,956	476,431	202,622	228,321,632	0	5,804,963	0
80.03	Project Management Design & Cons	363,649,768	900,310	364,550,078	284,203,664	64,382,615	0	364,550,078	0	137,533,294	0
80.04	Constr. Admin. & Management	199,656,728	0	199,656,728	34,516,700	476,431	523,200	199,656,728	0	13,894,056	0
80.05	Professional Liability & other Ins	46,549,724	0	46,549,724	1,306,370	476,431	0	46,549,724	0	102,620	0
80.06	Legal; Permits Review Fees ect.	67,641,005	0	67,641,005	14,115,508	9,509,709	0	67,641,005	0	3,775,098	0
80.07	Surveys, Testing, Investigation, I	21,759,336	0	21,759,336	9,386,283	476,431	0	21,759,336	0	1,193,657	0
80.08	Start up	65,996,664	0	65,996,664	47,968,809	476,431	0	65,996,664	0	127,696	0
NT	Authorized For Expenditure	0	0	0	0	756,631,691	0	0	0	0	0
	NTP Notice To Proceed	0	0	0	0	756,631,691	0	0	0	0	0
Subtotal:		4,305,074,410	3,029,620	4,308,104,030	2,075,366,219	663,727,869	28,726,716	4,308,104,030	0	445,724,753	0
2. Contingency											
CNTR	Contingency	541,699,343	(3,029,620)	538,669,723	3,561,345	(614,249)	83,883,260	538,669,723	0	0	0
90.02	Allocated Contract Contingency	540,101,329	(622,271)	539,479,058	0	0	30,923,392	539,479,058	0	0	0
90.03	Allowances	1,588,014	0	1,588,014	3,561,345	(614,249)	1,093,649	1,588,014	0	0	0
90.07	Known Change Contingency	0	(2,207,349)	(2,207,349)	0	0	51,866,219	(2,207,349)	0	0	0
PRJ	Contingency	101,871,170	0	101,871,170	0	0	0	101,871,170	0	0	0
90.01	Unallocated Project Contingency	101,871,170	0	101,871,170	0	0	0	101,871,170	0	0	0
Subtotal:		643,560,513	(3,029,620)	640,530,893	3,561,345	(614,249)	83,883,260	640,530,893	0	0	0

* Current Committed = Original Contract + CCOI/Amendment
 ** AFE = Authorized For Expenditure (Latest NTP Amounts or equal to current commitment Plus Executed Change Orders/Amendments)
 *** Changes Identified= Pending + Probable + Potential Changes
 **** Est. At Completion = Original Contract + CCOI/Amendments + Pending Changes + Potential Changes (Adjustments)+Uncommitted

Report: M:\CW_03\by600_scc_date_project_summary



Project Costs by SCC - Level 2

Print Date: 8/9/12 13:53
Page: 3 of 3

Reporting Month: June 2012 Data Date: June 29, 2012

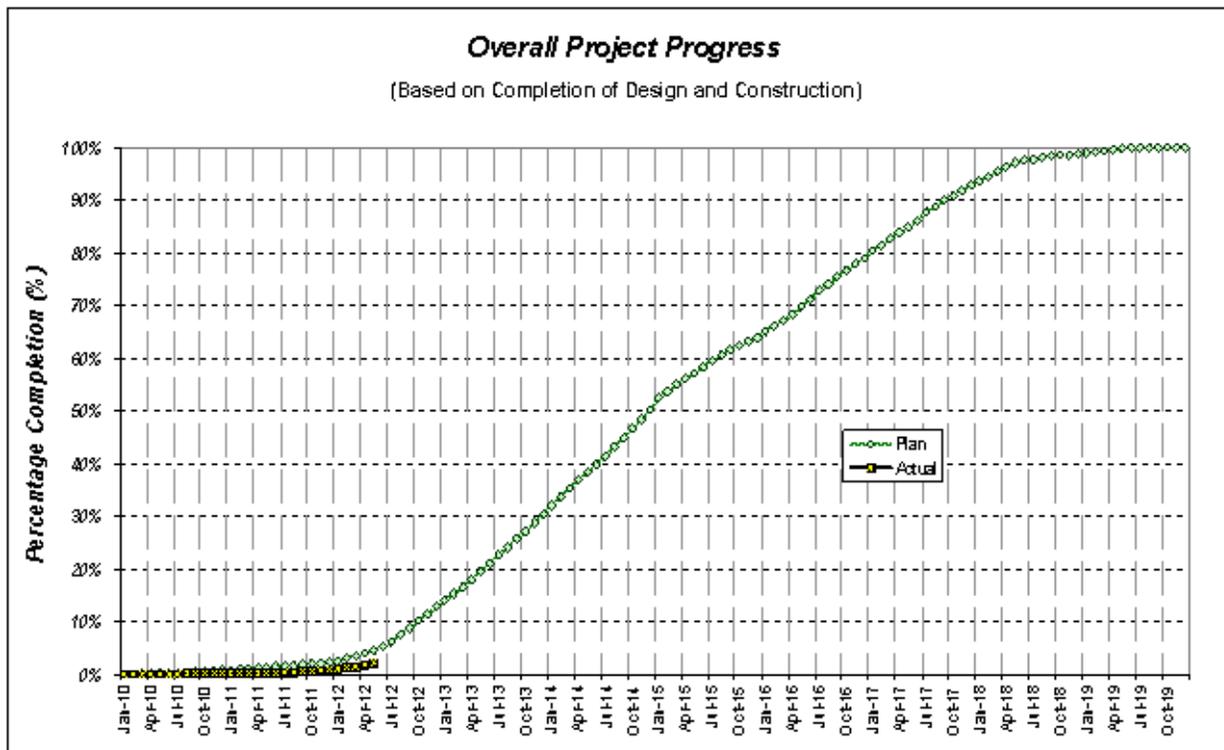
SCC	Title	A		B		C=A+B		D		E		F		G		H=C-G		I	
		Baseline	BUDGET Transfers	Current	COMMITTED Current*	AFE**	AFE**	Changes ID'd***	ESTIMATE AT COMPLETION Est. At Completion****	Variance	Incurred To Date								
3. Finance Charges - Eligible																			
OTH	Finance Charges	173,058,243	0	173,058,243	0	0	0	0	0	0	0	0	0	173,058,243	0	0	0	0	
100.1	Finance Charges-Project-Eligible	173,058,243	0	173,058,243	0	0	0	0	0	0	0	0	0	173,058,243	0	0	0	0	
	Subtotal:	173,058,243	0	173,058,243	0	0	0	0	0	0	0	0	0	173,058,243	0	0	0	0	
FTA TOTAL PROJECT COSTS 5,121,693,166																			
		0	5,121,693,166	2,079,519,564	869,113,641	112,609,976	5,121,693,166	0	445,724,753										
4. Finance Charges - Ineligible Costs																			
FINC	Finance Charges	42,000,000	0	42,000,000	0	0	0	0	0	0	0	0	0	42,000,000	0	0	0	0	
100.2	FTA Non-Eligible Costs	42,000,000	0	42,000,000	0	0	0	0	0	0	0	0	0	42,000,000	0	0	0	0	
	Subtotal:	42,000,000	0	42,000,000	0	0	0	0	0	0	0	0	0	42,000,000	0	0	0	0	
INELIGIBLE COSTS																			
		0	42,000,000	0	0	0	0	0	0	0	0	0	0	42,000,000	0	0	0	0	
Total Project:		5,163,693,166	0	5,163,693,166	2,079,519,564	869,113,641	112,609,976	5,163,693,166	0	445,724,753									

* Current Committed = Original Contract + CCO/Amendment
 ** AFE = Authorized For Expenditure (Latest NTP Amounts or equal to current commitment Plus Executed Change Orders/Amendments)
 *** Changes Identified= Pending + Probable + Potential Changes
 **** Est. At Completion = Original Contract + CCO/Amendments + Pending Changes + Potential Changes (Adjustments)+Uncommitted

2.2 Schedule/Progress

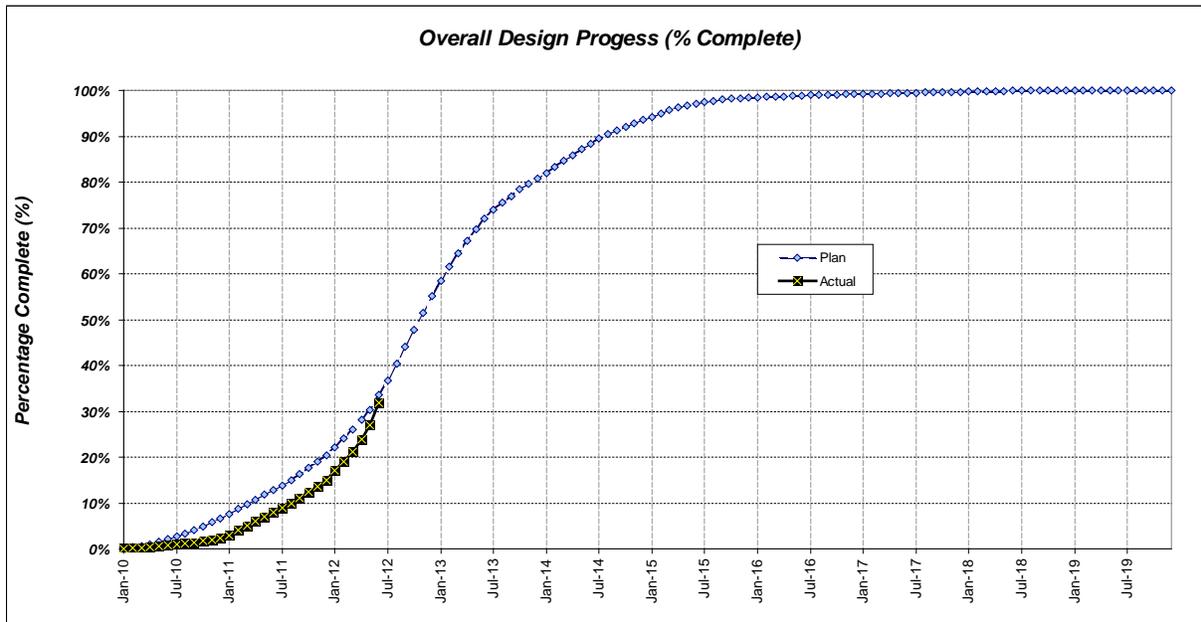
- 2.2.1 As of the end of June, the forecasted Full Revenue Service Date (RSD) is March 2019, 10 months ahead of the FTA’s target completion date of January 31, 2020. This RSD is the milestone date reflected in the Master Project Schedule (MPS), Revision 4, of March 30, 2012 and is consistent with all revised submittals for the FFGA.
- 2.2.2 In accordance with the March 2012 re-baselined MPS and Project Budget, overall project progress has been revised to reflect planned and actual percent completion. Overall project progress is based on the weighted value progress of the individual Final Design (FD), Design-Build (DB), Design-Bid-Build (DBB), Design-Build-Operate-Maintain (DBOM) and Elevator/Escalator Manufacture-Install-Maintain (E/E MIM) contracts. Agency and consultant labor (other than Final Design) is not included in the progress calculations.
- 2.2.3 Figure 7 below shows design and construction (overall project) actual completion to date at 2.3% versus the planned 4.6%.

Figure 7. Overall Project Progress (based on Completion of Design and Construction)



- 2.2.4 Overall design progress is based on the weighted average progress of the individual FD contracts and the design levels-of-effort of the DB and DBOM contracts. This does not include Preliminary Engineering design.
- 2.2.5 Figure 8 on the next page shows design actual completion to date at 31.9% versus the planned 33.5%. Farrington Highway and Kamehameha Highway Station Groups design progress is behind the percent completion planned in the recently re-baselined MPS.

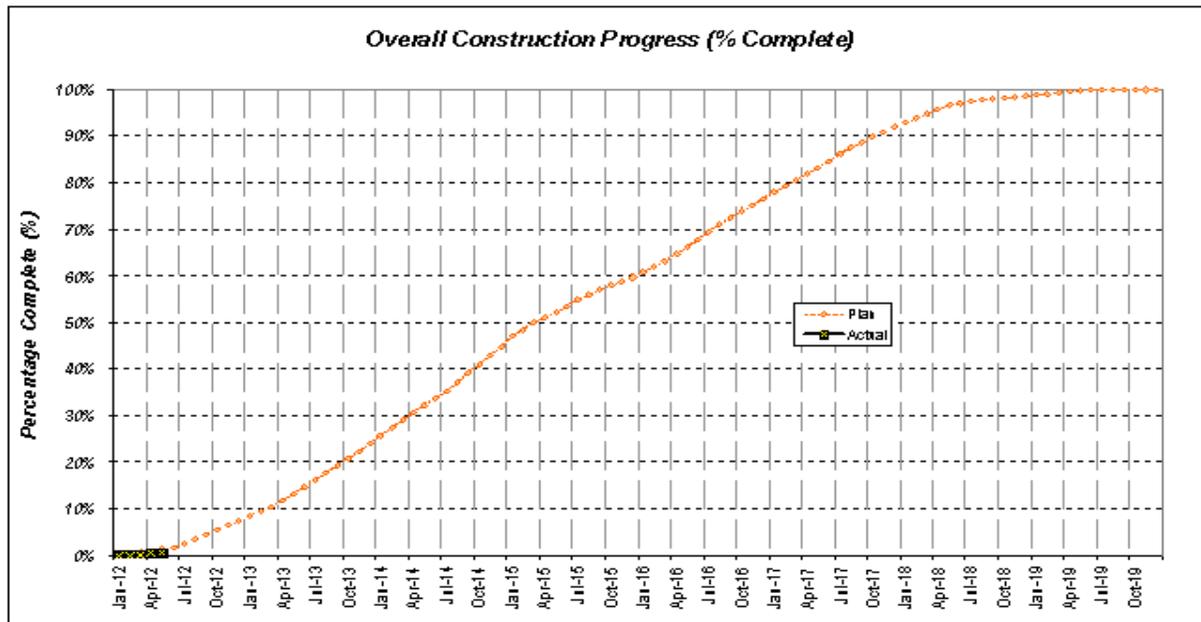
Figure 8. Overall Design Progress (% Complete)



2.2.6 Overall construction progress is based on the weighted average progress of the individual DBB and E/E MIM contracts and the construction levels-of-effort of the DB and DBOM contracts. This does not include consultant Construction Engineering and Inspection (CE&I) work.

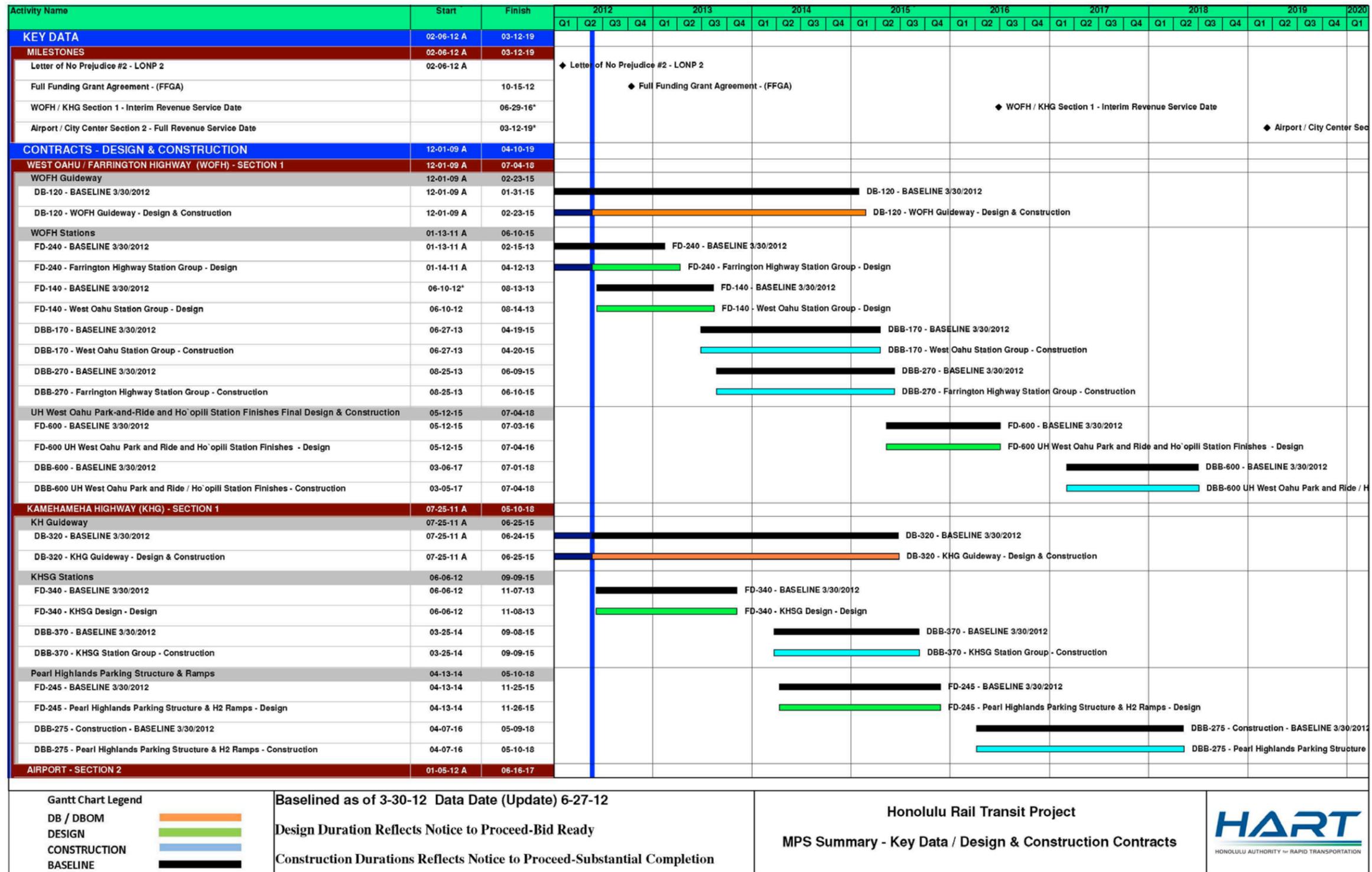
2.2.7 Figure 9 below shows construction actual completion to date at 0.58% versus the planned 1.37%.

Figure 9. Overall Construction Progress (% Complete)



2.2.8 The H RTP Master Project Schedule (MPS) was updated as of June 27. See Figure 10 on the next 2 pages for the Summary MPS. This was stated against the re-baselined MPS, Revision 4, of March 30, 2012, as submitted to the FTA for the FFGA. Both the BASELINE and actual/planned durations of each contract are included for comparison.

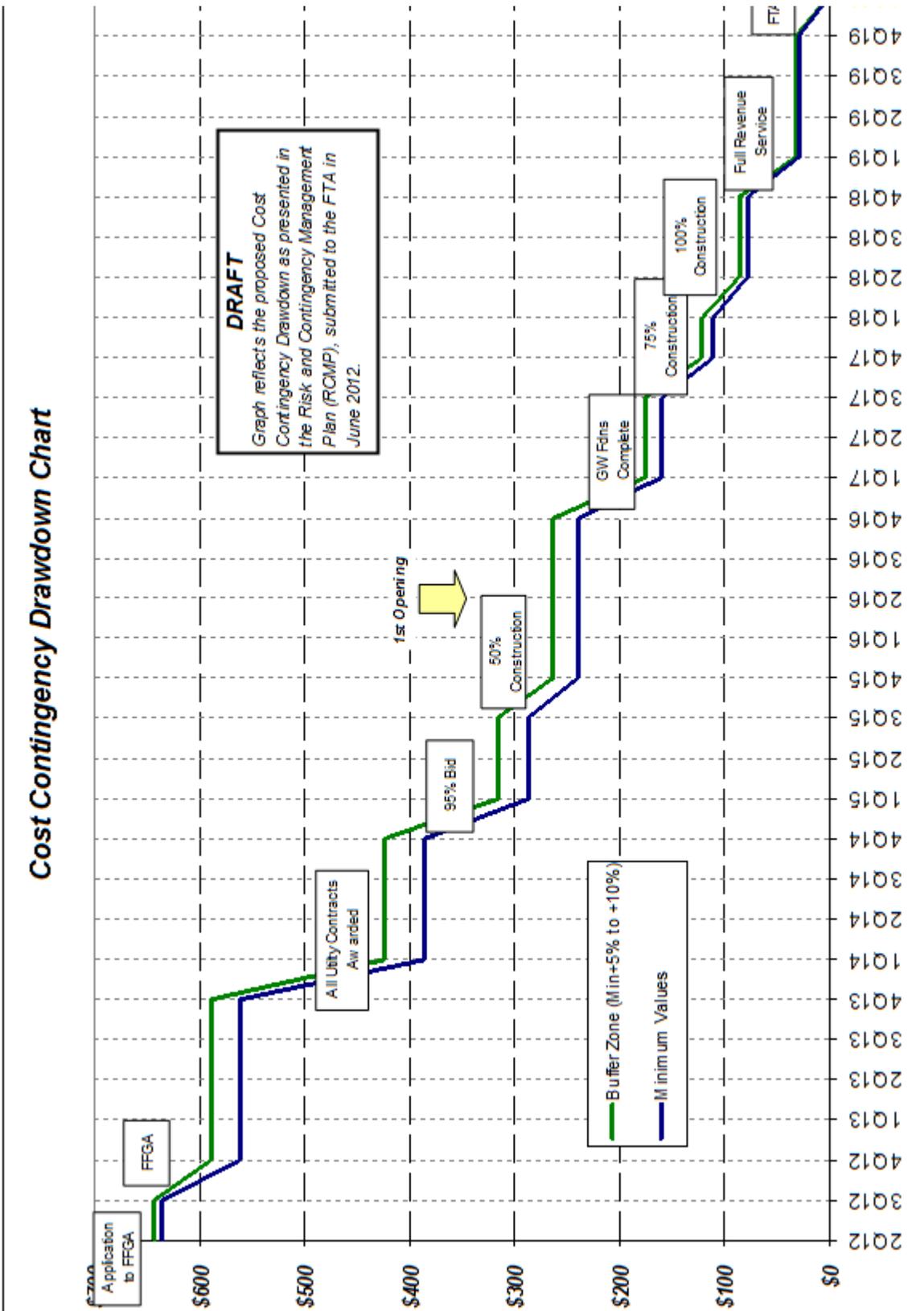
Figure 10. H RTP Summary Master Project Schedule (MPS)



2.3 Contingency Management

- 2.3.1 As part of the FFGA readiness³ process, the Risk and Contingency Management Plan (RCMP) is being revised in conjunction with re-baselining the Contract Packaging Plan (CPP), Master Project Schedule (MPS), Project Budget and Financial Plan. The cost and schedule contingency drawdown curves included in the draft RCMP have been adjusted and submitted for review by the FTA and PMOC. These curves establish minimum and buffer zone levels of cost and schedule contingency in accordance with FTA recommendations. Over the course of the project, if the cost or schedule contingency should trend into the buffer zone (the area above the minimum contingency), Project Management will immediately implement actions to maintain the level of contingency appropriate for the project stage. Upon FTA acceptance of the revised RCMP, the baseline drawdown curves will be included in this monthly progress report to show actual and forecasted utilization of the cost and schedule contingencies.
- 2.3.2 In re-baselining the Project Budget, HART generated a bottoms-up estimate (BUE) for each work package identified in the CPP, based on the appropriate design and current pricing of material, equipment, construction labor, professional services, real estate and all other cost items. These packages were then evaluated with respect to the risks involved and contingencies allocated in accordance with FTA guidelines and current risk modeling methodologies, as well as determinations of any pending or probable changes currently being negotiated with contractors and other potential or possible issues that could affect the budget or schedule.
- 2.3.3 Each month, the PMOC will participate in a breakout session with HART to review a list of changes being considered for each contract. Changes are classified as pending, probable or potential and are summarized in the Project Cost Report column, Chgs ID'd (Changes Identified). Pending changes are changes that have already been negotiated, have agreements reached and are in the signature/approval process. Probable changes are those already in the change management process that have been quantified to the extent of a HART-GEC estimate and a Contractor estimate with a time-impact evaluation (TIE), where appropriate. Probable changes are likely to have a negotiation strategy memo prepared and negotiations may be underway. Potential changes have only a HART-GEC estimate available to be discussed in more general terms. Finally, possible issues are less-defined, not yet quantified issues identified because they could have a future impact on the budget or timing of work.
- 2.3.4 HART will oversee the strategy being formulated in order to avoid or mitigate as well as plan the timing of any potential changes. Breakout session discussions will also focus on opportunities to reduce costs and accelerate contract-scheduled activities to attain key milestones earlier than targeted. The session will conclude with an overview of the cost and schedule drawdown curves, if and when changes might occur, in order to assess project performance against total project contingencies and buffer float.
- 2.3.5 See Figure 11 on the next page for the latest proposed draft Cost Contingency Drawdown Curve, subject to FTA/PMOC review as part of the RCMP revision process.

Figure 11. Draft Cost Contingency Drawdown Chart



2.4 Issues and Actions Taken

The Project Management Oversight Contractor (PMOC) identified the following key "Issues or Concerns" in its June 2012 Monthly Report to the FTA. HART actions to address each issue are described below. Issues closed by the PMOC are listed in Figure 12 on page 19.

- **Design-Build Project Cost Forecasting**

Issue: "The PMOC has concerns with the adequacy of the grantee's ability to forecast costs for the existing Design-Build (DB) contracts. The grantee's current Estimate at Completion (EAC) does not accurately provide an assessment of the contract costs. The PMOC provided some recommendations in February 2012, and a detailed workshop was held on March 6, 2012 to review the grantee's process for developing the EAC. HART provided improved EAC assessment of the contract costs to the PMOC. The PMOC emphasizes that it is critical that this issue be quickly corrected to demonstrate that the grantee has the Technical Capacity and Capability going forward. The PMOC initiated a separate breakout session with HART in June 2012 and will hold regularly scheduled breakout sessions every month to review forecast costs, EAC, MPS, risk management and cost containment measures."

Action: HART has provided additional details with regard to forecast cost projections without putting HART at risk of weakening their negotiating position with the contractors by divulging information or strategies that must remain confidential. Also, on July 10, HART implemented the first monthly Contingency Workshop with the PMOC to address pending, probable and potential changes and possible future issues for each active contract that could affect the total contingency reserve. This process has been incorporated into the most recent draft submittal of the Risk and Contingency Management Plan (RCMP).

- **MSF Long-Lead Materials Procurement**

Issue: "HART issued NTP 2 [Notice to Proceed 2] on January 10, 2012 (prior to LONP #2) [Letter of No Prejudice 2] for the Maintenance and Storage (MSF) DB Contract.....FTA responded on February 16, 2012 indicating that it concurred that the items identified can be considered as long-lead items under Final Design pre-award authority.....The FTA noted that it is critical that HART manage the procurement of these items to ensure any costs incurred will remain eligible for federal funding if an FFGA is awarded for the project, and that HART coordinate with the PMOC closely to ensure that only approved items are procured under this pre-award authority. This coordination will also ensure procurement of only those quantities of the long-lead items that are necessary to reduce schedule impacts to the project."

Action: On April 2 HART issued NTP 2 (Revision 1) to the MSF Design-Build contractor, increasing the maximum reimbursable amount under NTP 2 by \$12,749,013 (from \$66,261,187 to \$79,010,200). NTP 2 (Revision 1) Schedule A sets out the additional authorized value for each Activity in the MSF contract Work Breakdown Structure. On April 19, the HART Board of Directors authorized HART to issue a change order to increase the total amount of the MSF contract by \$15,910,959 for increased cost to procure rail materials. On May 10, the contractor submitted an updated Request for Change (RFC) to address rail material price escalation and delivery date adjustments. On July 25, the MSF DB Contractor awarded the contract for the steel rail, concrete ties, direct fixation fasteners, third rail accessories and special trackwork to L.B. Foster Company, as previously elaborated in paragraph 1.1.4 of the Executive Summary on page 4 of this report. [\[CLOSED\]](#)

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

Issue: “The grantee must execute a license agreement with the Department of Hawaiian Homelands (DHHL) to construct the MSF on the Navy Drum Site. The PMOC has recommended that the License Agreement be provided to the FTA and PMOC for review prior to execution. A Request for Right of Entry (ROE) for construction was approved by the DHHL Board. The ROE allows access to Navy Drum Site for construction until the property acquisition occurs or the License Agreement is finalized.”

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.

- **State Safety Oversight Agency (SOA) Consultant**

Issue: “An interim HDOT State Oversight Agency (SOA) Project Manager has been working part-time since April 2011. HDOT anticipates hiring a full-time SOA Project Manager by summer 2012. FTA had identified filling of this position by February 2012 in the Final Design approval letter. Given the status of this Project, it is critical that the permanent SOA Project Manager be identified as soon as possible.”

Action: HDOT re-posted the position announcement for the SOA Project Manager position in July and efforts are being made to fill the position by the Fourth Quarter of this year. In the meantime, HDOT has accelerated the establishment of a SOA Support Consultant to focus on the requirements for the rail project; Dovetail Consulting, Inc. was given an advanced Notice to Proceed as of July 31.

Figure 12. Closed PMOC Monthly Report Issues

Closed Issues	
Description	Month Closed
Master Project Schedule (MPS) Critical Path	July 2011
Utilization of Letters of No Prejudice (LONPs)	February 2012
Program Management Support Consultant (PMSC) contract re-procured and NTP issued to InfraConsult LLC.	February 2012
Real Estate Consultant contract procured and NTP issued to Paragon Partners Ltd.	March 2012
WOFH Precast Yard	June 2012
MSF Long-Lead Materials Procurement	July 2012

3. CONTRACT STATUS

3.1 Procurement Status

Figure 13. Procurement: Design-Build (DB), Design-Build-Operate-Maintain (DBOM) and Manufacture-Install-Maintain (MIM) 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 RFO	SOQs Due	Select BOO	Issue RFP	Submit Proposals	Execute Contract									
Design-Build Contracts																	
DB-120	West Oahu/Farrington Highway Guideway (WOFH) [Kiewit Infrastructure West Company (KIWC)]	CF	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	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 Y'd (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	
		BL	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	
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	
		BL	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	
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	
		BL	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	
Design-Bid-Operate-Maintain Contract																	
DBOM-920	Core Systems Contract [Ansaldo Honolulu JV]	CF	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Nov 28 '11	Jan 13 '12	-----	-----	-----	Jul 15 '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	Jul 05 '12	-----	-----	Jul 05 '12	Apr 15 '13	-----	Apr 01 '19	
		BL	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Nov 28 '11	Jan 13 '12	-----	-----	-----	Jul 05 '12	Apr 15 '13	-----	Apr 01 '19	
Manufacture-Install-Test-Maintain																	
MI-930	Elevators and Escalators	CF	Aug 17 '12	Sep 14 '12	Oct 03 '12	Oct 05 '12	Dec 20 '12	Feb 11 '13	Feb 11 '13	-----	-----	-----	Jan 15 '15	Mar 15 '16	-----	Nov 09 '17	Installation of first elevator is planned to occur August 2014 at Waipahu Station. Last elevator to be installed July 2017 at Ala Moana Ctr. NTP1: WOFH and KHG (9 Stations); NTP2: Airport (4 Stations); NTP3 CC (8-Stations)
		Act	Sep 15 '12	Oct 30 '12	Dec 15 '12	Jan 15 '13	Mar 15 '13	Jun 15 '13	Jul 15 '13	-----	-----	-----	Jan 15 '15	Mar 15 '16	-----	Nov 09 '17	
		BL	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	

[Successful Contractor]

* Schedule Reference:

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

Notes:

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

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

Procurement Tracking Report									
Design-Bid-Build (DBB) Contracts									
Contract #	Contract Name	Sched Ref ^a	Bid Ready Dates (Ref.)	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
Design-Bid-Build Contracts									
DBB-170	West Oahu Station Group Construction	CF Act B/L Var	Aug 11 '13 Aug 11 '13 -0-	Sep 10 '13 -0-	Oct 25 '13 -0-	Dec 08 '13 -0-	Dec 22 '13 -0-	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 -0-	May 01 '13 -0-	Jun 14 '13 -0-	Jun 29 '13 -0-	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 -0-	Dec 14 '15 -0-	Jan 28 '16 -0-	Feb 11 '16 -0-	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 -0-	Jan 30 '14 -0-	Mar 17 '14 -0-	Mar 31 '14 -0-	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 -0-	Feb 19 '15 -0-	Apr 05 '15 -0-	Apr 19 '15 -0-	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 15. Procurement: 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
<i>Design-Bid-Build Contracts</i>									
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: Kalihi Station May 15 '17 Kapalama Station Jul 15 '17 Iwilei 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 16. Procurement: 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 <i>[URS Corp.]</i>	CF Act BL Var	Jan 14 '10 Jan 14 '10 -0-				Feb 08 '12 Feb 08 '12 (362)	May 29 '12 Jun 14 '12 +16	Jun 08 '12 Jun 15 '12 +7	Aug 11 '13 Aug 11 '13 -0-	Oct 30 '15 Oct 30 '15 -0-	NTP 1a : 06/15/2012 - 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 <i>[HDR Engineering, Inc.]</i>	CF Act BL Var	Oct 02 '09 Oct 02 '09 -0-	Nov 19 '09 Nov 19 '09 -0-			Feb 15 '10 Feb 15 '10 -0-	Apr 15 '10 Apr 15 '10 -0-	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 BL Var	Jun 30 '13 Jun 30 '13 -0-	Aug 14 '13 Aug 14 '13 -0-	Sep 28 '13 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 BL Var	Jun 28 '11 Jun 28 '11 -0-	Aug 04 '11 Aug 04 '11 -0-	Sep 28 '11 Sep 28 '11 -0-	Oct 19 '11 Oct 19 '11 -0-	Mar 02 '12 Feb 28 '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 <i>[AECOM Tech Svcs, Inc.]</i>	CF Act BL Var	Jan 26 '11 Jan 26 '11 -0-	Mar 14 '11 Mar 14 '11 -0-	Apr 09 '11 Apr 09 '11 -0-	Jun 09 '11 Jun 09 '11 -0-	Sep 20 '11 Sep 20 '11 -0-	Dec 22 '11 Dec 22 '11 +144	Jan 05 '12 Jan 05 '12 +157	Mar 01 '13 Mar 01 '13 -0-	Aug 15 '18 Aug 15 '18 -0-	NTP 1a : 01/05/2012 - SoM, Workshop, Design Schedule (A) NTP 1b : 02/22/2012 - Updating the PE (A) NTP 2 : 07/26/2012 - Interim Design (CF) NTP 3 : 02/21/2013 - Final Design (CF) Utilities Construction Pkg (DBB-505) and associated Engrg Svcs during Construction. Guideway Design transmitted to the City Center Guideway Designer for the full Construction Bid package (DBB-520).
FD-440	Airport Station Group Final Design	CF Act BL Var	Mar 30 '12 Mar 30 '12 -0-	May 10 '12 May 10 '12 -0-	Jun 21 '12 Jun 21 '12 +7	Jul 10 '12 Jul 21 '12 +11	Aug 14 '12 Aug 23 '12 +9	Oct 11 '12 Oct 12 '12 +1	Oct 11 '12 Oct 26 '12 +15	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 BL Var	Dec 16 '11 Dec 16 '11 -0-	Feb 09 '12 Feb 09 '12 -0-	Apr 04 '12 Apr 04 '12 -0-	May 11 '12 May 11 '12 -0-	Jun 05 '12 Jun 05 '12 -0-	Aug 01 '12 Jul 18 '12 +14	Aug 01 '12 Aug 01 '12 -0-	Aug 15 '13 Apr 01 '14 -0-	Aug 15 '18 Aug 15 '18 -0-	Scope includes 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).
FD-540	Dillingham Station Group Final Design	CF Act BL Var	Sep 03 '12 Sep 03 '12 -0-	Nov 07 '12 Nov 07 '12 -0-	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 BL 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 BL Var	Sep 10 '14 Sep 10 '14 -0-	Dec 08 '14 Dec 08 '14 -0-	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**
- BL = Baseline Master Project Schedule
- [Note: BL reflects the re-baselined Contract Packaging Plan (Revision 3, Mar 30 '12) and the re-baselined Master Project Schedule (Revision 4, Mar 30 '12).]
- Variance = Variance of (Baseline Master Project Schedule) Less (Current Forecast)
- +Ahead/(Behind)/0- versus the BL Master Project Schedule

Notes:

- 1) All Final Design Consultants are responsible for providing Design Support Services during Bidding and during Construction in accordance with their contracts. **Schedule Basis:** Contract Completion one (1) month after Construction Contract Completion.
- 2) NTP Dates in the Comments column are either **Actual (A)** or the Current Forecast (CF).

Figure 17. Procurement: Construction Engineering and Inspection Services (CE&I) Contracts

Procurement Tracking Report												
Construction Engineering and Inspection (CE&I) Services Contracts												
Contract #	Contract Name	Sched Ref*	Advertise RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Bid Ready Dates (Ref.)	Contract Completion	Comments
Construction Engineering & Inspection Agreements												
MM-180	West Oahu and Farrington Highway Station Groups CE&I Services	CF	Jul 15 '12	Aug 31 '12	Sep 30 '12	Oct 31 '12	Nov 30 '12	Dec 30 '12	Dec 17 '12	Feb 15 '13	Oct 30 '15	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.
		Act	Jul 09 '12	Aug 08 '12	Sep 07 '12	Oct 08 '12	Nov 07 '12	Dec 07 '12	Dec 17 '12	Feb 15 '13	Oct 30 '15	
		BL	Jul 09 '12	Aug 08 '12	Sep 07 '12	Oct 08 '12	Nov 07 '12	Dec 07 '12	Dec 17 '12	Feb 15 '13	Oct 30 '15	
		Var	(6)	(23)	(23)	(23)	(23)	(23)	-0-	-0-	-0-	
MM-380	Kamehameha Highway Station Group CE&I Services (includes H2/R2 Ramp)	CF	Feb 13 '13	Mar 15 '13	Apr 16 '13	May 16 '13	Jun 17 '13	Aug 16 '13	Sep 16 '13	Nov 15 '13	Aug 29 '15	
		Act	Feb 13 '13	Mar 15 '13	Apr 16 '13	May 16 '13	Jun 17 '13	Aug 16 '13	Sep 16 '13	Nov 15 '13	Aug 29 '15	
		BL	Feb 13 '13	Mar 15 '13	Apr 16 '13	May 16 '13	Jun 17 '13	Aug 16 '13	Sep 16 '13	Nov 15 '13	Aug 29 '15	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-385	Pearl Highlands Parking Structure/ Bus Transit Center CE&I Services (includes H2/R1 Ramp)	CF	Jan 05 '15	Feb 02 '15	Mar 05 '15	Apr 03 '15	May 04 '15	Jul 03 '15	Aug 03 '15	Oct 01 '15	Apr 29 '18	
		Act	Jan 05 '15	Feb 02 '15	Mar 05 '15	Apr 03 '15	May 04 '15	Jul 03 '15	Aug 03 '15	Oct 01 '15	Apr 29 '18	
		BL	Jan 05 '15	Feb 02 '15	Mar 05 '15	Apr 03 '15	May 04 '15	Jul 03 '15	Aug 03 '15	Oct 01 '15	Apr 29 '18	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-500	Airport & City Center Section Utilities CE&I Services	CF	Jul 20 '12	Aug 20 '12	Sep 10 '12	Oct 09 '12	Nov 08 '12	Dec 13 '12	Dec 28 '12	Mar 01 '13	Oct 30 '15	
		Act	Jul 20 '12	Aug 20 '12	Sep 10 '12	Oct 09 '12	Nov 08 '12	Dec 13 '12	Dec 28 '12	Mar 01 '13	Oct 30 '15	
		BL	Jul 20 '12	Aug 20 '12	Sep 10 '12	Oct 09 '12	Nov 08 '12	Dec 13 '12	Dec 28 '12	Mar 01 '13	Oct 30 '15	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-485	Airport Station Group CE&I Services	CF	Nov 15 '13	Dec 16 '13	Jan 15 '14	Feb 14 '14	Mar 17 '14	May 16 '14	Jun 16 '14	Aug 15 '14	Jun 29 '17	
		Act	Nov 15 '13	Dec 16 '13	Jan 15 '14	Feb 14 '14	Mar 17 '14	May 16 '14	Jun 16 '14	Aug 15 '14	Jun 29 '17	
		BL	Nov 15 '13	Dec 16 '13	Jan 15 '14	Feb 14 '14	Mar 17 '14	May 16 '14	Jun 16 '14	Aug 15 '14	Jun 29 '17	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-525	Airport and City Center Sections Guideway CE&I Services	CF	Jul 19 '13	Sep 02 '13	Oct 16 '13	Nov 15 '13	Dec 16 '13	Feb 14 '14	Mar 17 '14	May 15 '14	Aug 15 '18	
		Act	Jul 19 '13	Sep 02 '13	Oct 16 '13	Nov 15 '13	Dec 16 '13	Feb 14 '14	Mar 17 '14	May 15 '14	Aug 15 '18	
		BL	Jul 19 '13	Sep 02 '13	Oct 16 '13	Nov 15 '13	Dec 16 '13	Feb 14 '14	Mar 17 '14	May 15 '14	Aug 15 '18	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-585	Dillingham and Kaka'ako Station Groups CE&I Services	CF	May 23 '14	Jun 23 '14	Jul 21 '14	Aug 19 '14	Sep 18 '14	Nov 17 '14	Dec 17 '14	Feb 15 '15	Jul 30 '18	Bid Ready Date reflects Dillingham construction pkg. Contract completion reflects completion of Kaka'ako construction completion.
		Act	May 23 '14	Jun 23 '14	Jul 21 '14	Aug 19 '14	Sep 18 '14	Nov 17 '14	Dec 17 '14	Feb 15 '15	Jul 30 '18	
		BL	May 23 '14	Jun 23 '14	Jul 21 '14	Aug 19 '14	Sep 18 '14	Nov 17 '14	Dec 17 '14	Feb 15 '15	Jul 30 '18	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes CE&I Services	CF	Oct 21 '15	Nov 20 '15	Dec 21 '15	Jan 20 '16	Feb 19 '16	Apr 05 '16	May 05 '16	Jul 04 '16	Aug 15 '18	
		Act	Oct 21 '15	Nov 20 '15	Dec 21 '15	Jan 20 '16	Feb 19 '16	Apr 05 '16	May 05 '16	Jul 04 '16	Aug 15 '18	
		BL	Oct 21 '15	Nov 20 '15	Dec 21 '15	Jan 20 '16	Feb 19 '16	Apr 05 '16	May 05 '16	Jul 04 '16	Aug 15 '18	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	

[Successful Contractor]

* Schedule Reference:

CF = Current Forecast

ACT = ACTUAL Completed Achieved this Month

BL = Baseline Master Project Schedule

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

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

+Ahead/(Behind)/-0- versus the BL 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 18. Procurement: Project Management and Specialty Consultant Services Contracts

Procurement Tracking Report											
Project Management and Specialty Consultant Services Contracts											
CPP Contract #	Contract Name	Sched Ref*	Issue RFQ	SQOs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
MM-900	Program Management Support Consultant - 1 (PMSC-1) [IntraConsult LLC]	CF	Jul 15 '09	Sep 01 '09					Nov 19 '09	Nov 18 '12	
		Act	Jul 15 '09	Sep 01 '09					Nov 19 '09	Feb 28 '12	
		B/L	Jul 15 '09	Sep 01 '09					Nov 19 '09	Feb 28 '12	(264)
MM-901	Program Management Support Consultant - 2 (PMSC-2) [IntraConsult 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-	(5)	(14)	Feb 28 '15	-0-
MM-905	General Engineering Consultant I (GEC1) (EIS/Preliminary Engrg) [Parsons Brinckerhoff]	CF	Jun 01 '07	Aug 24 '07					Oct 25 '09	Sep 01 '12	
		Act	Jun 01 '07	Aug 24 '07					Oct 25 '09	Mar 25 '12	
		B/L	Jun 01 '07	Aug 24 '07	-0-	-0-	-0-	-0-	-0-	Mar 25 '12	(160)
MM-910	General Engineering Consultant II (GEC2) (Final Design and Construction) [Parsons Brinckerhoff, Inc.]	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-	-0-	-0-	Aug 01 '14	-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	-0-
MM-940	Kako'o Consultant [Pacific Legacy, Inc.]	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	Jun 20 '11	-0-	-0-	-0-	-0-	Mar 15 '12	Mar 15 '12	Feb 14 '17
MM-950	Owner Controlled Insurance Program (OCIP) Consultant [Marsh USA, Inc.]	CF	Jan 31 '12				Mar 01 '12	May 10 '12	May 10 '12	May 09 '17	5-year Consultant Services contract to assist in procurement of insurance coverage and administer insurance and risk management services for the HRTF.
		Act	Jan 31 '12				Mar 01 '12	May 10 '12	Jun 05 '12	Dec 01 '19	----
		B/L	Jan 31 '12			-0-	-0-	-0-	May 18 '12	Apr 28 '12	Dec 01 '19
MM-975	LEED Commissioning Services for the Maintenance and Storage Facility (MSF) [Enovity, Inc.]	CF						Oct 06 '10	Oct 07 '10	Jan 14 '16	
		Act						Oct 06 '10	Oct 07 '10	Jan 14 '16	
		B/L						Oct 07 '10	Oct 07 '10	Jan 14 '16	-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 19. Procurement: HDOT Consultant Services and Other Contracts

<p align="center">Procurement Tracking Report</p> <p align="center">Hawaii Department of Transportation (HDOT) Consultant Services Contracts and Other Contracts</p>											
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
HDOT Agreements											
MM-915	HDOT Traffic Management Coordination Consultant [JCX Transportation Group]	CF	Aug 15 '11					Jun 01 '12	Jul 01 '12	Jul 01 '17	Scope of services is for the entire alignment. Contract length = 60 months.
		Act	Aug 15 '11					Jun 05 '12	Jun 12 '12	Feb 15 '19	
		B/L	Mar 04 '11					Jun 01 '12	Jul 01 '12	+594	
		Var	(164)	-0-	-0-	-0-	-0-	(4)	+19		
MM-920	HDOT Design Coordination Consultant - West Oahu/Farrington Highway Guideway Section [AECOM Tech Svcs, Inc.]	CF						Jun 07 '11	Jun 08 '11	Jun 15 '18	
		Act						Jun 07 '11	Jun 08 '11	Jun 15 '18	
		B/L						Jun 07 '11	Jun 08 '11	-0-	
		Var						-0-	-0-	-0-	
MM-921	HDOT Design Coordination Consultant - Kamehameha Highway Guideway Section [AECOM Tech Svcs, Inc.]	CF						Jun 01 '12	Jul 01 '12	Jul 15 '15	
		Act						Jun 05 '12	Jun 29 '12	Jul 15 '15	
		B/L						Apr 01 '12	Jul 01 '12	-0-	
		Var						(61)	(2)		
MM-922	HDOT Design Coordination Consultant - Airport Guideway Section [SSFIM International]	CF						Jan 16 '14	Jan 30 '14	Jun 15 '18	
		Act						Jun 08 '12	Jun 12 '12	Jun 15 '18	
		B/L						Jan 16 '14	Jan 30 '14	-0-	
		Var						+587	+597	-0-	
MM-923	HDOT Design Coordination Consultant - City Center Guideway Section	CF	Jul 14 '14	Aug 28 '14	Oct 12 '14	Nov 18 '14	Dec 18 '14	Feb 16 '15	Mar 02 '15	Jun 15 '18	An option under MM-922.
		Act	Jul 14 '14	Aug 28 '14	Oct 12 '14	Nov 18 '14	Dec 18 '14	Feb 16 '15	Mar 02 '15	Jun 15 '18	
		B/L	Jul 14 '14	Aug 28 '14	Oct 12 '14	Nov 18 '14	Dec 18 '14	Feb 16 '15	Mar 02 '15	Jun 15 '18	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
Other Agreements											
MM-945	On-Call Construction Contractor	CF	Mar 15 '13	Apr 14 '13	Apr 29 '13	May 29 '13	Jun 28 '13	Jul 28 '13	Aug 27 '13	Mar 03 '19	
		Act	Mar 15 '13	Apr 14 '13	Apr 29 '13	May 29 '13	Jun 28 '13	Jul 28 '13	Aug 27 '13	Mar 03 '19	
		B/L	Mar 15 '13	Apr 14 '13	Apr 29 '13	May 29 '13	Jun 28 '13	Jul 28 '13	Aug 27 '13	Mar 03 '19	
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	
MM-946	On-Call HazMat Contractor(s)	CF						Jun 15 '12	Sep 01 '12	Feb 15 '17	
		Act						Jun 30 '12	Jul 25 '12	Feb 15 '17	
		B/L						Jun 15 '12	Jun 30 '12	-0-	
		Var						-0-	(63)	-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

3.2 Design-Build (DB) Contracts

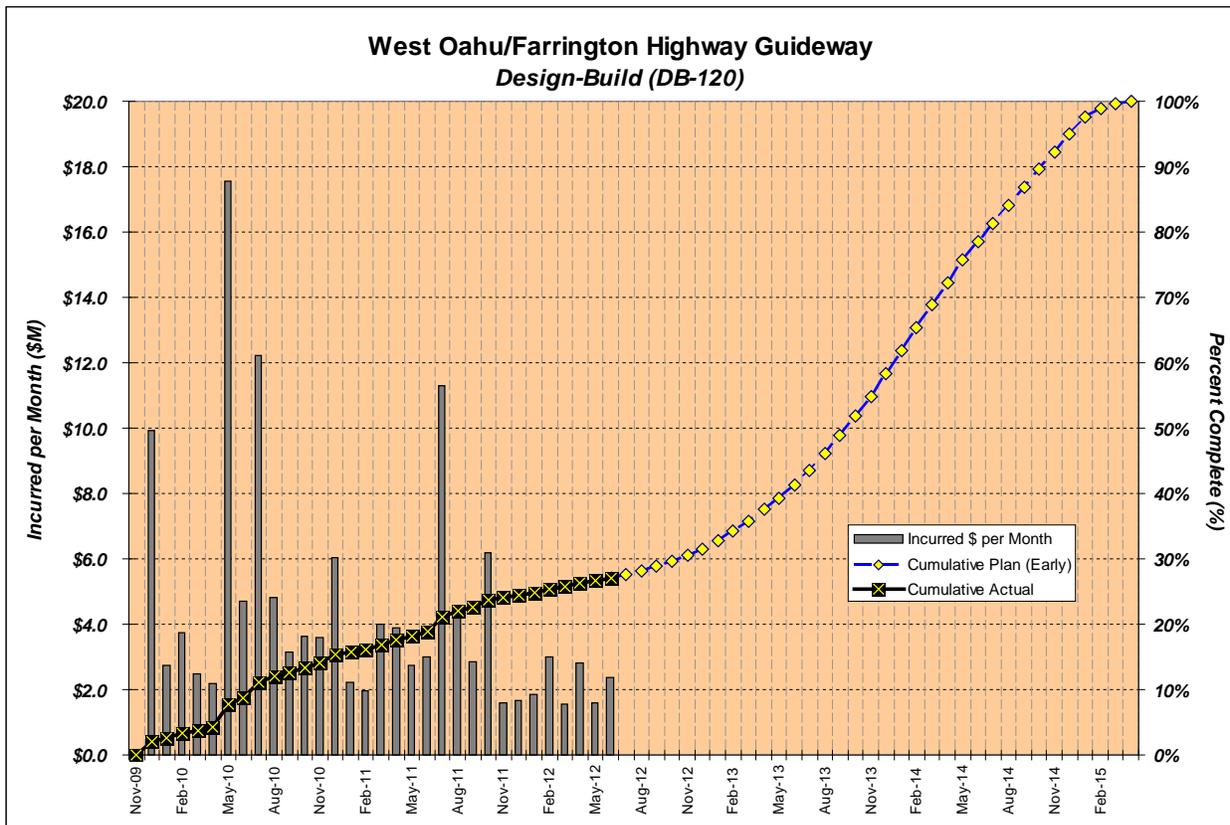
Contract DB-120: West Oahu/Farrington Highway Guideway (WOFH)				
DB Contractor: Kiewit Infrastructure West Company (KIWC)				
Committed: ¹	\$501,969,231	Incurred:	\$135,856,774	(27.1%)
Authorized: ²	\$255,371,114	(50.9%)	Substantial Completion:	November 2014

¹ Commitment to Date = Contract Value (at Award) + Executed Change Orders as of June 29.

² Authorized for Expenditure (AFE) as of June 29. AFE = dollar values of NTPs plus executed Change Orders.

- **Activities this month**
 - As shown in Figure 20 below, overall progress is 26.6% on a weighted basis. KIWC is preparing a schedule revision to reflect the actual NTP dates and establish a new Substantial Completion date. Progress curves will be revised accordingly. It is anticipated that a schedule revision will be submitted for HART review in August.
 - In June, \$2.4 M was incurred.
 - Design is 95% complete.

Figure 20. West Oahu/Farrington Highway Guideway (WOFH) Contract



- A total of 305 contract submittals have been received (20 currently under review).
- Geotechnical investigations are 97% complete with 311 of a total 320 borings completed. The remaining borings are in the Banana Patch area pending property access to TMK 9-6-004-006, which is expected in August.
- Tree relocations/removals remain at 69% complete with 252 of 364 trees trimmed, relocated or removed for repurposing or without salvage. Additional tree work will continue as the foundation work progresses.

- Overall utility relocation is 13% complete. Relocation work continued on the Farrington Highway 30-inch water line near Old Fort Weaver Road. A full detour of Farrington Highway in this area will be implemented for three weeks.
 - HART has received 221 Requests for Information (RFIs) from the contractor (2 open).
 - Construction for guideway column foundations continued in the West Oahu area, with 5 columns complete and over 30 drilled shafts completed.
 - Work began at Waipahu High School, including completion of hazardous material abatement in an existing classroom that will be retrofitted. It is anticipated that work to relocate the classrooms will not be completed prior to the start of school. Coordination with the school is ongoing to mitigate schedule impacts.
- **Look Ahead**
 - Continue utility relocations, including water line and electrical work along Farrington Highway.
 - Continue construction of guideway columns and drilled shaft foundations. Start of shaft work on Farrington Highway in Area 2 is anticipated in November.
 - Continue work at Waipahu High School.
 - Begin site preparation and grading for the precast yard.
 - Submittal of Schedule Revision.

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

DB Contractor: Kiewit/Kobayashi Joint Venture (KKJV)

Committed: ¹	\$195,258,000	Incurred: ²	\$21,860,965 (11.2%)
Authorized: ²	\$128,288,734 (65.7%)	Substantial Completion:	November 2014

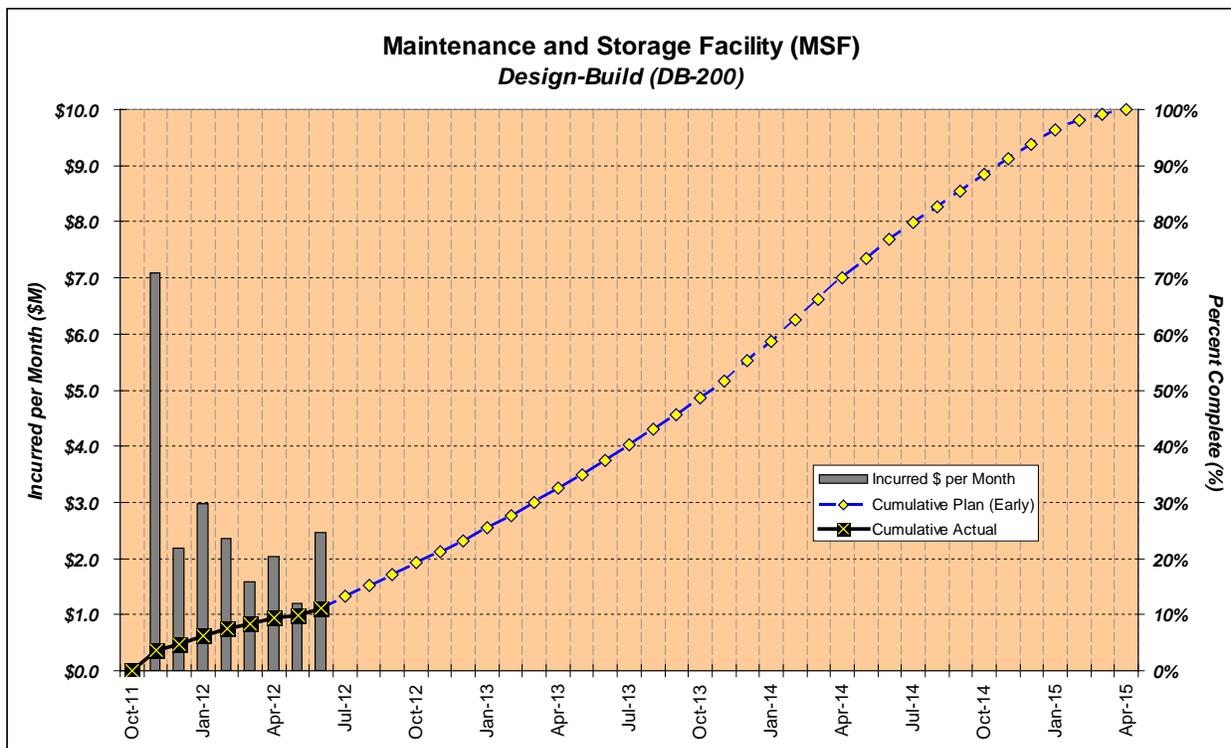
¹ Commitment to Date = Contract Value (at Award) + Executed Change Orders as of June 29.

² Authorized for Expenditure (AFE) as of June 29. AFE = dollar values of NTPs plus executed Change Orders.

• **Activities this month**

- As shown in Figure 21 below, overall progress is 11% on a weighted basis. The planned start of construction activities, including site grading, has slipped due to longer-than-planned design durations. This delay is expected to be recovered as construction commences.
- In June, \$2.5 M was incurred.
- Design is 90% complete.

Figure 21. Maintenance and Storage Facility (MSF) Contract



- A total of 60 contract submittals have been received (3 currently under review).
- HART has received 108 Requests for Information (RFIs) from the contractor (15 open).
- KKJV completed interface tasks (revisions to the yard tracks and building layout) requested by the Core Systems Contractor, Ansaldo. HART is evaluating and will respond to each contractor with direction on the interface items.
- On July 16, HART lifted the temporary work hold on Kiewit/Kobayashi for grading activities. Site preparation in advance of grading activities has commenced.

• **Look Ahead**

- Resolution of Core Systems interface items.
- Commencement of mass grading.
- Submittal of schedule revisions.

Contract DB-320: Kamehameha Highway Guideway (KHG)

DB Contractor: Kiewit Infrastructure West Company (KIWC)

Committed: ¹	\$372,150,000	Incurred:	\$64,212,698 (17.3%)
Authorized: ²	\$162,166,081 (43.6%)	Substantial Completion:	June 2015

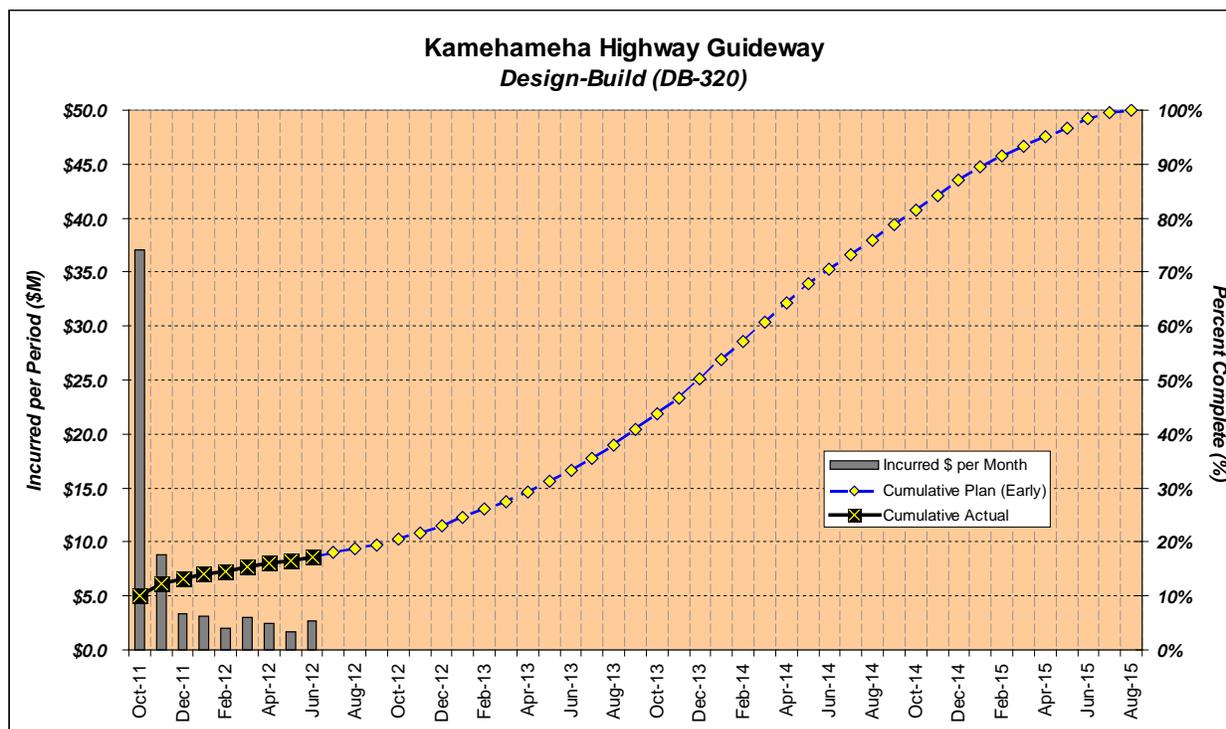
¹ Commitment to Date = Contract Value (at Award) + Executed Change Orders as of June 29.

² Authorized for Expenditure (AFE) as of June 29. AFE = dollar values of NTPs plus executed Change Orders.

• **Activities this month**

- As shown in Figure 22 below, overall progress is 16.5% on a weighted basis. The progress curve reflects relatively flat progress due to longer-than-planned design durations and approvals for utility relocation work. In addition, KIWC is proposing a revised schedule. HART and KIWC are holding meetings to discuss the impacts of this proposal.
- In June, \$2.7 M was incurred.
- Design is 90% complete.

Figure 22. Kamehameha Highway Guideway (KHG) Contract



- Geotechnical investigations are complete.
- A total of 145 contract submittals have been received (22 under review).
- HART has received 73 Requests for Information (RFIs) from the contractor (1 open).
- KIWC completed load test shaft No. 14 in the Aloha Stadium parking lot, one of 5 load test shafts planned. Work commenced on load test shaft No. 13 in the Kamehameha Highway interchange area.
- Utility work commenced with the concrete encasement of an existing 30-inch sewer line in the Aloha Stadium parking lot.

• **Look Ahead**

- Completion of load test shaft No. 13.
- Commencement of utility relocations.

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

Contract DBOM-920: Core Systems Contract (CSC)

DBOM Contractor: Ansaldo Honolulu Joint Venture (AHJV)

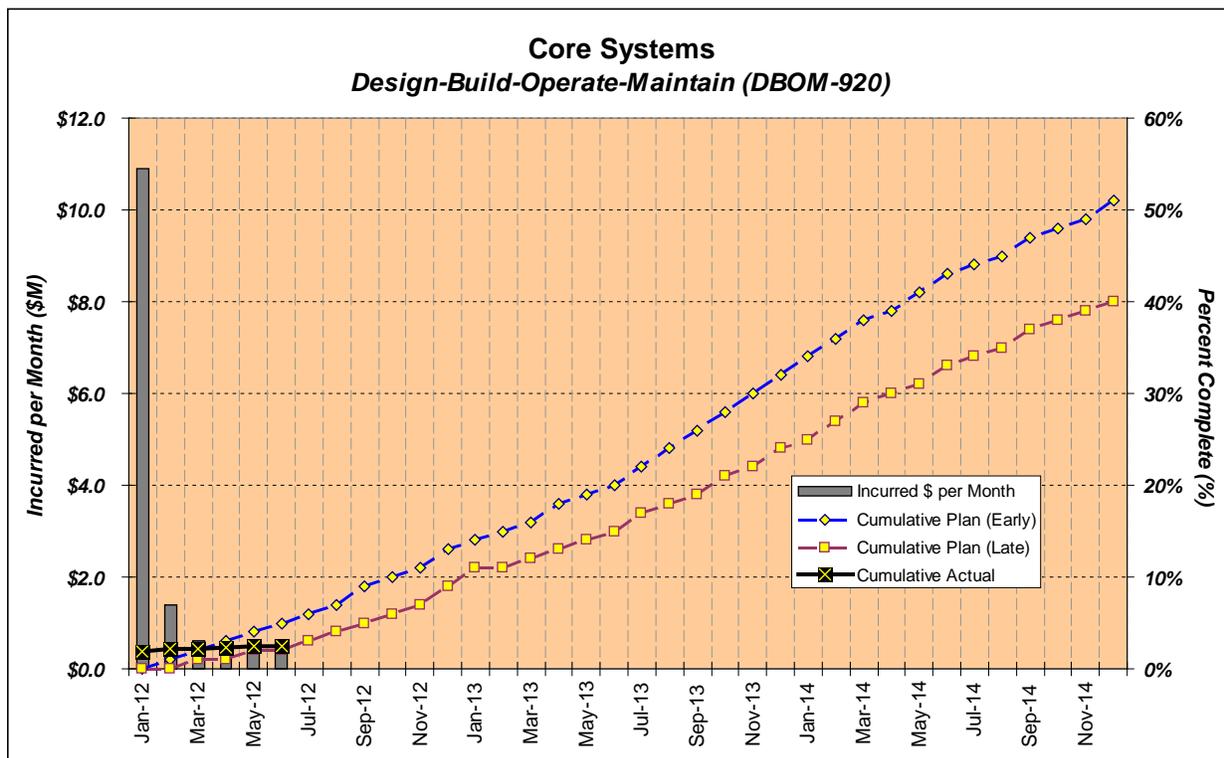
Committed: ¹	\$573,782,793	Incurred:	\$14,359,596 (2.5%)
Authorized: ²	\$ 20,285,221 (3.5%)	Start-up Completion:	April 2019

¹ Commitment to Date = Contract Value (at Award) + Executed Change Orders as of June 29. The contract budget does not include an additional \$823.6 for Operations and Maintenance.

² Authorized for Expenditure (AFE) as of June 29. AFE = dollar values of NTPs plus executed Change Orders.

- **Activities this month**
 - As shown in Figure 23 below, overall progress is 2.4% on a weighted basis.
 - In June, \$0.6 M was incurred.
 - Design is 25% complete.

Figure 23. Core Systems Contract (CSC)



- AHJV continues to participate in Interface meetings and to issue/respond to Requests for Interface Data (RFIDs).
- HART and AHJV continue to hold meetings on vehicle design, MSF, mainline curve alignment and schedule.
- AHJV continues to work on the Baseline Schedule with HART, which is expected to be finalized in August.
- Reviewing effects of adding additional flip-up seats on the vehicle and on overall vehicle capacity.
- Design has started on communications and traction power systems.
- Various deliverables related to vehicles and train control/SCADA have been submitted by AHJV.

- AHJV continues to participate in meetings with KKJV to resolve MSF issues.
- Major areas of focus are:
 - Continued development of project plans
 - Vehicle preliminary design
 - Finalizing the Quality Management Plan (QMP)
 - Supplier procurement
 - Requests for Information (RFIs)
 - Shop power requirements
 - Updating the Operations and Maintenance Plan.
- **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.
 - AHJV submittal and HART acceptance of the Baseline Schedule.
 - Resolution of MSF site issues.
 - Additional vehicle flip-up seats.

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.

3.4.1. STATION DBB CONTRACTS (Executed and In Negotiation)

Contract DBB-170: West Oahu Station Group Construction (WOSG)			
Contractor FD-140: URS, Final Design Consultant (Engineer of Record)			
Committed: ¹	\$7,789,000	Incurred:	\$0 (0%)
Authorized: ²	\$ 326,420 (4.2%)	Construction Docs Bid-Ready:	August 2013

¹ Commitment to Date = Contract Value (at Award) + Executed Change Orders as of June 29

² Authorized for Expenditure (AFE) as of June 29. AFE = dollar values of NTPs plus executed Change Orders.

- **Activities this month**
 - Notice to Proceed 1a (NTP 1a) was issued on June 15.
 - A 3-day workshop was held July 10-12. Minutes are under review.
 - The Final Design Consultant is in the process of submitting the Baseline Design Schedule and Schedule of Milestones (SoM) and initiating requests for Right of Entry.
- **Look Ahead**
 - NTP 1a completion is scheduled for the end of July, upon approval of the SoM.
 - NTP 1b for Preliminary Engineering Design will be issued soon after NTP 1a completion.
 - The Environmental Compliance and Quality Assurance Plans (ECP and QAP) are to be submitted soon after NTP 1b.

Contract DBB-270: Farrington Highway Station Group Construction (FHSG)

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

Committed: ¹	\$8,008,045	Incurred:	\$4,779,715 (59.7%)
Authorized: ²	\$6,849,985 (85.4%)	Construction Docs Bid-Ready:	February 2013

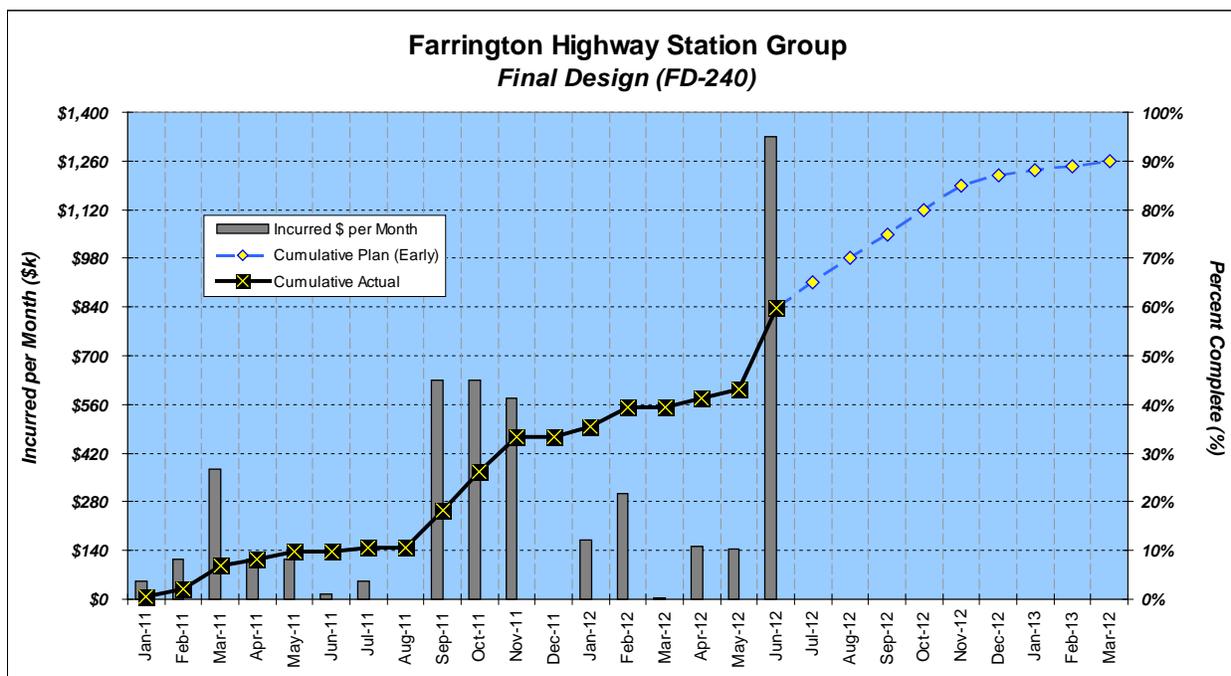
¹ Commitment to Date = Contract Value (at Award) + Executed Change Orders as of June 29

² Authorized for Expenditure (AFE) as of June 29. AFE = dollar values of NTPs plus executed Change Orders.

- **Activities this month**
 - Contract progress is shown in Figure 24 below. Progress to date, based on the latest changes, is 60%.
 - In June, \$1.3 M was incurred.
 - Module design development for the West Loch and Waipahu stations and minor changes to Preliminary Interim Design for the Leeward Community College (LCC) station are scheduled for completion on July 20. Pedestrian bridge reduction and canopy structural support are being analyzed.
 - 60 Requests for Information (RFIs) have been submitted to date (none open).
 - 32 Requests for Change (RFCs) have been processed (5 open).

- **Look Ahead**
 - Continued development of Module Concept Design through August.
 - Completion of NTP 2 Interim Design of the West Loch, Waipahu Transit Center and LCC stations is scheduled for November.
 - Final Design completion is scheduled for December.
 - Target completion of bid-ready documents is February 2013.

Figure 24. Farrington Highway Station Group (FHSG) Final Design Contract



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

Construction Docs Bid Ready: November 2013

- **Activities this month**
 - Final Design Contract negotiations are on-going.
- **Look Ahead**
 - Contract award and NTP 1a are scheduled for this October.

Contract DBB-470: Airport Station Group (ASG)**Contractor FD-440: TBD, Final Design Consultant (Engineer of Record)**

Construction Docs Bid Ready: August 2014

- **Activities this month**
 - A letter was sent to the top-ranked firm on June 16. Negotiations are expected to be completed in August.
- **Look Ahead**
 - Award and NTP 1a are scheduled for September.

3.4.2. **GUIDEWAY AND UTILITIES DBB CONTRACTS (Executed and In Negotiation)**

As part of re-baselining/FFGA submittal, the Airport and City Center sections guideway construction and utilities contracts have been repackaged.

Contract DBB-460 Airport Guideway and Utilities			
Contractor FD-430: AECOM, Final Design Consultant (Engineer of Record)			
Committed: ¹	\$38,840,960	Incurred:	\$ 5,204,079 (14.0%)
Authorized: ²	\$14,018,093 (36.1%)	Construction Docs Bid-Ready:	March 2013 / April 2014

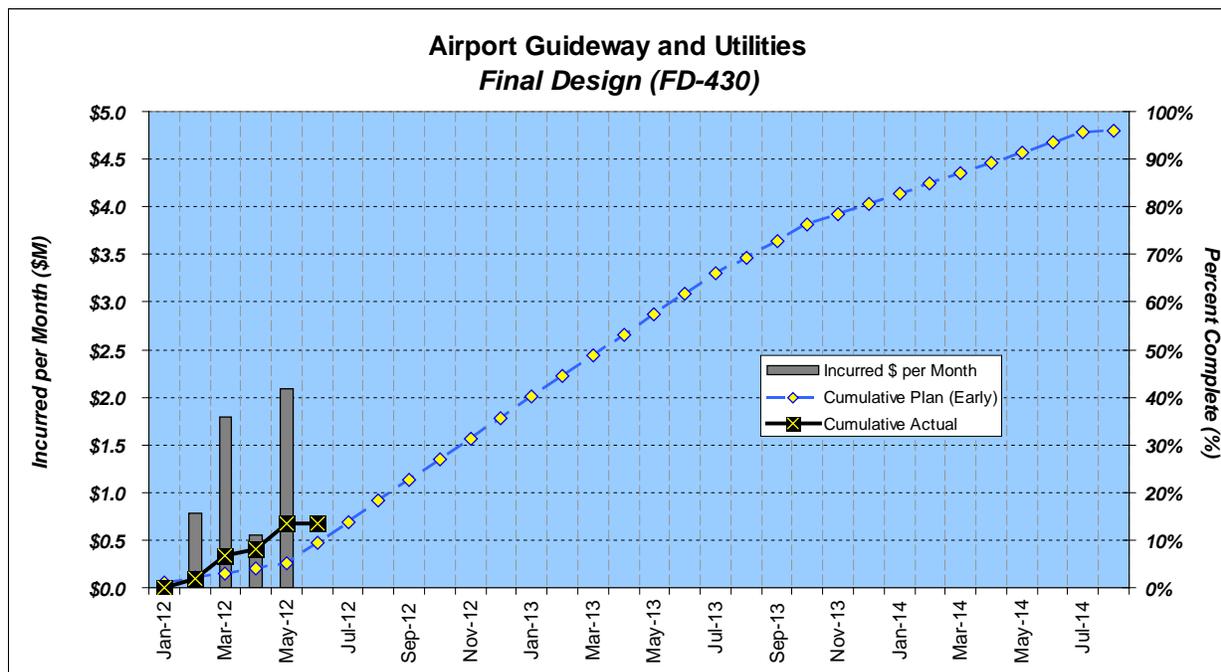
¹ Commitment to Date = Contract Value (at Award) + Executed Change Orders as of June 29

² Authorized for Expenditure (AFE) as of June 29. AFE = dollar values of NTPs plus executed Change Orders.

- **Activities this month**
 - Figure 25 on the next page shows progress to date at 13.4%, ahead of Plan (9.5%).
 - No costs were incurred in June (no Request for Payment processed).
 - HART accepted the Preliminary Engineering Update on July 23.
 - July 16 and 18 meetings were held with HDOT Airport and Highways and Hawaiian Airlines to further discuss the proposed alignment at the airport entry and Airport station location. Continue to study alignment/station location alternatives.

- **Look Ahead**
 - Continued coordination of meetings with HDOT Airports and Highways, the Transportation Safety Administration (TSA), Federal Aviation Administration (FAA), Hawaiian Airlines, the U.S. Post Office, the U.S. Navy and utility companies, as required.
 - Finalizing airport alignment / station location.
 - NTP 2 issuance for Interim Design is scheduled for late July.
 - Commencement of geotechnical boring.

Figure 25. Airport Guideway and Utilities Final Design Contract



Contract DBB-560: City Center Guideway and Utilities

Contractor FD-530: TBD, Final Design Consultant (Engineer of Record)

Construction Docs Bid Ready: TBD

- **Activities this month**
 - Procurement negotiation concluded on June 18 (April 4 letter to ranked firm).
- **Look Ahead**
 - Contract award and NTP 1a scheduled for August 1.

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.

3.4 Utility Agreements

- **Activities this month**
 - WOFH section:
 - Utility Construction Agreements (UCAs) have been executed with:
 - AT&T
 - Hawaiian Electric Company (HECO)
 - Oceanic Time Warner Cable (OTWC)
 - Pacific LightNet, Inc. (PLNI)
 - The Gas Company (TGC).
 - HART placed its third 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 August.
 - The Hawaiian Telcom (HT) UCA, based upon the HECO UFR CRA template, is under HT review for target execution in August.
 - KHG section:
 - All Engineering Service Agreements (ESAs) required for KHG have been executed:
 - AT&T
 - Chevron
 - HT
 - OTWC
 - SIC
 - PLNI
 - Tesoro
 - TGC
 - tw telecom.
 - The UFR CRA with HECO for the KHG section was executed in July.
 - Airport and City Center sections:
 - All ESAs for the Airport and City Center sections have been transmitted to the utility owners for review and comment.
- **Look Ahead**
 - Transmit draft UCAs to utility owners in the KHG section.

See Figure 26 on the next page for the latest Utility Agreements Status Matrix.

Figure 26. Utility Agreements Status Matrix (by section)

Utility Agreements Status Matrix									
Utility Owner	Status	WOFH		KHG		Airport		City Center	
		ESA	UCA	ESA	UCA	UCA	COMBINED ESA	UCA	
AT&T	Executed	May 11, 2011	Dec 20, 2011	May 18, 2012	Completed draft under COR review		Final draft transmitted to utility		
	NTP	May 12, 2011	Dec 21, 2011						
Chevron	Executed	Dec 4, 2009		Nov 4, 2011	Preparing draft		Final draft transmitted to utility		
	NTP	Dec 22, 2009		Nov 15, 2011					
Hawaiian Telcom	Executed	May 20, 2010	Under HT review - may split into two	May 10, 2012	Preparing draft		Final draft transmitted to utility		
	NTP	June 14, 2010							
HECO	Executed	By Agreement with PB	Apr 20, 2012	July 11, 2012			Will pull design language from UFR CRA. Preparing Bridging Agreement as interim for Airport.		
	NTP			July 12, 2012					
Oceanic Time Warner	Executed	Dec 8, 2009	Dec 21, 2011	Jan 9, 2012	Completed draft under COR review		Final draft transmitted to utility		
	NTP	Dec 22, 2009							
Pacific Lightnet	Executed	Apr 28, 2010	Mar 12, 2012	Feb 15, 2012	Completed draft under COR review		Final draft transmitted to utility		
	NTP	Apr 29, 2010	Mar 13, 2012	Feb 16, 2012					
Sandwich Isle Communications	Executed	May 20, 2010	Not needed (no scope on WOFH section)	Apr 20, 2012	Completed draft under COR review		Final draft transmitted to utility		
	NTP	Jun 8, 2010							
The Gas Company	Executed	Dec 18, 2009	Jun 30, 2011	Jun 1, 2012	Completed draft under COR review		Final draft transmitted to utility		
	NTP	Dec 22, 2009	Jul 12, 2011						
tw Telecom	Executed	Dec 2, 2009		Feb 14, 2012	Preparing draft		Final draft transmitted to utility		
	NTP	Dec 22, 2009		Feb 16, 2012					
Tesoro	Executed			Feb 15, 2012	Completed draft under COR review		Final draft transmitted to utility		
	NTP			Feb 16, 2012					

Legend:  = Action this month
 = Not applicable
 COR = Corporation Counsel
 ESA = Engineering Services Agreement
 UCA = Utility Construction Agreement
 UFR CRA = Combined Engineering and Construction Utility Agreement

3.5 Permits

- **Activities this month**

- Significant permits issued to HART for WOFH:
 - The Hawaii Department of Transportation Highways Division (HDOT Highways) issued a Municipal Separate Storm Sewer Systems (MS4) Permit to Discharge into the State Highways Drainage System for permanent shaft dewatering and permanent utility relocation dewatering. This permit allows storm water runoff from these activities to enter drainage inlets owned by the State Highways.
 - In July, the State of Hawaii Department of Education (DOE) Facilities Development Branch Planning Section issued MS4 Permits for permanent construction and permanent shaft dewatering activities during the relocation of 2 portable classroom buildings near Waipahu High School. These permits allow storm water runoff from these activities to enter drainage inlets owned by the DOE.
- Significant permits issued to HART for KHG:
 - On June 4, HDOT Highways issued an MS4 Permit for permanent construction.
- Significant permits issued to HART for Airport Guideway Design:
 - In July, the State of Hawaii Department of Health (DOH) Clean Water Branch issued a National Pollutant Discharge Elimination System (NPDES) Form C-General Construction Permit for pre-construction activities in the Airport section. This permit allows ground-disturbing activity to proceed.
 - In July, HDOT Highways Division issued an MS4 Permit for pre-construction (exploratory and geotechnical) activities in the Airport section.

- **Look Ahead**

- Significant permits to be issued to HART for WOFH:
 - DOH Clean Water Branch NPDES Form G-Dewatering Permit, necessary to perform dewatering for permanent shaft activities.

3.6 Hawaii Department of Transportation (HDOT) Agreements

- **Activities this month**
 - Alignment-wide:
 - The HDOT Traffic Management Consultant (Contract MM-915) is performing design review for the WOFH, KHG and Airport Guideway contracts.
 - WOFH section:
 - AECOM, the HDOT Design Coordination Consultant (contract MM-920), continues to review WOFH design submittals on HDOT's behalf.
 - Amending the HDOT Master Agreement and Joint Use and Occupancy (JUO) Agreement to include Kualakai Parkway, Kaloι Channel and part of Kamehameha Highway near Sam's Club.
 - KHG section:
 - The Master and JUO Agreements await resolution of comments from HDOT regarding HART assignment. HART is scheduling a meeting with HDOT to have attorneys from both sides discuss assignment issue.
 - HDOT Design Consultant (Contract MM-921) AECOM is performing design review activities.
 - Airport and City Center sections:
 - HDOT Design Coordination Consultant–Airport Guideway Section (Contract MM-922) SSFM is performing coordination activities for preliminary engineering activities.
- **Look Ahead**
 - KHG section:
 - Execution of the KHG Master and JUO Agreements.

3.7 Other Design Activities

- **Activities this month**
 - Continued supporting the WOFH, FHSG, KHG, MSF, ASUG and WOSG contracts by reviewing submittals and responses to Requests for Information (RFIs) and Requests for Change (RFCs) and attending design meetings.
 - Finished review of the Airport Guideway Preliminary Engineering Update submittal.
 - HART Interchange Access Modification Requests (IAMRs) to the State of Hawaii Department of Transportation (HDOT) for State highway access to/from planned rail stations and facilities:
 - Working on IAMR for emergency access at MSF
 - Revised the H-1/H-2 IAMR per HDOT comments.
 - Finalizing Design-Build (DB) contract Special Provisions and Division 1 Standard Specifications.
 - Finalizing Elevator/Escalator (EE) Installation and Maintenance contract MM-930 documents.
 - Developing standardized design elements (e.g. fare gates, handrails, canopy, etc.) to apply to all station contracts.
 - Evaluating the proposed relocation of the Middle Street Transit Center station.
 - Preparing easement acquisition exhibits for U.S. Navy property within the Kamehameha and Airport Guideway sections.
 - Provided legal descriptions for partial acquisitions in the KHG section and Dillingham Blvd. Station Group (Chinatown Station parcel) area.
 - Responding to the U.S. Army requirement that all construction activities at Waiawa Stream be presented in a single application package, including preparing exhibits to illustrate activities by construction phase and indicate nation-wide permits that would cover these activities.
 - Evaluating back-up operation control center (BOCC) location at Pearlridge Station.
- **Look Ahead**
 - Continued support of the WOFH, FHSG, KHG and MSF contracts on submittal reviews and RFI-RFC responses.
 - Finalize Division 1 Standard Specifications.
 - Finalize Elevator/Escalator technical specifications.
 - Continue reviewing site-specific Traffic Control Plans for the WOFH section.
 - Continue standardizing station design elements.
 - Finalize evaluation of the Middle Street Transit Center Station relocation.

3.8 Interface

- **Activities this month**
 - Continued interfacing with adjoining contractors on the West Oahu, Kamehameha Highway and Airport station groups (WOSG, KHSG and ASG) and Elevators/Escalators (EE) contracts.
 - Scheduled WOSG Interface Kickoff Meeting for mid-August.
 - Continued to monitor contractor Requests for Interface Data (RFIDs) and Interface Control Documents (ICDs) as they pertain to Final Design Baseline (Revision 0) submittals.
 - Continue to develop a procedure for assessing RFIDs and ICDs elevated to HART for review and direction.
 - HART reviewed and decided on 4 elevated ICDs/RFIDs:
 - Issue 8 – MSF Equipment List
 - Issue 14 – WOFH Superstructure WA6 Final Design submittal
 - Issue 19 – MSF Maintenance of Way (MOW) Foundations and Structures
 - Issue 22 – WOFH Guideway Substructure WA2.
 - A total of 26 Interface Issues have been elevated from contractors to HART (14 open, 5 closed and 7 requiring the contractor to obtain ICD signature and resubmit).
 - HART facilitated 24 interface meetings between contractors.
- **Look Ahead**
 - Finalize a HART Standard Procedure for RFID-ICD Assessment.
 - Continue monitoring contractor RFIDs and ICDs pertaining to the Final Design Baseline (Revision 0).
 - Continue to interface with adjoining contractors on WOSG, KHSG, ASG and EE.
 - Core Systems Definitive Design is planned for August.
 - AHJV will review and sign ICDs as of September.

4. GROUP REPORTS

4.1 Safety and Security

- **Activities this month**
 - As detailed in Figure 27 below, the H RTP had 3 construction safety and security issues in July.

Figure 27. Construction Safety Monitoring - Safety and Security Issues

Period/Date	Contract	No. & Type of Event (to date)	Comments
2011	----	1 Occupational Injury/Illness	1 in 2011
2012	----	9 Occupational Injury/Illness 3 Vandalism 2 Environmental 2 Security 2 Road/Vehicle 1 Loss/Damage 1 Theft	20 in 2012 to date
January		1 Occupational Injury/Illness 1 Environmental	2 in January.
February		1 Occupational Injury/Illness 1 Environmental	2 in February
March	KHG	1 Security.	1 in March
April	WOFH-KHG	1 Security 1 Road/Vehicle 2 Occupational Injury/Illness 1 Loss/Damage	5 in April 2 First aid administered.
May	WOFH-KHG	3 Vandalism 1 Road/Vehicle 1 Theft	5 in May 1 Graffiti-Aloha Stadium Yard; 2 Farrington Hwy Cloverleaf Yard.
June	WOFH-KHG	2 Occupational Injury/Illness	1 in June First aid. Cutter Equipment Yard. Fractured knee cap. KIWC KEIN water tank.
July 5	WOFH/DB-120	1 Occupational Injury/Illness	No treatment.
July 6	WOFH/DB-120	1 Occupational Injury/Illness	Burn. No first aid. CMC Laydown Yard.
July 7	WOFH/DB-120	1 Occupational Injury/Illness	Laceration/bruised hand. First aid. Column work.

- The HART-GEC Safety and Security team continues to discuss with the Honolulu Police Department (HPD):
 - Training for the new HPD Liaison-Major, two Captains and one Lieutenant.
 - HART review of the updated Threat and Vulnerability Assessment (TVA).
 - Construction security.
 - The respective areas of jurisdiction of the HPD, Sheriff and Transportation Security Administration-Airport (TSA-Airport) and -Surface (TSA-Surface).
 - Drills.
- Met with the GEC, TSA-Airport, TSA-Federal and airline representatives to conduct the Airport TVA in August.
- Conducted ongoing construction work site safety meetings.

- Met with the Construction Safety Manager to review incidents, incident data and proactive plans.
- Reviewed safety requirements at construction sites.
- Initiated a weekly Core Systems Safety meeting with the Core Systems Contractor, Ansaldo Honolulu Joint Venture (AHJV).
- Reviewed and accepted the WOFH and KHG CELs and CILs and performed an over-the-shoulder review of the MSF contract.
- **Look Ahead**
 - HART is reviewing and editing the Sensitive Security Information Plan (changed from "Program") submittal.
 - HART will continue to hold various safety meetings with contractors, committees and staff.
 - HART will continue to hold various safety meetings with AHJV.
 - HART will host a Transportation Safety Institute (TSI) Security class August 6-10.
 - Finalization of HART review of the updated TVA.
 - On-going discussion of security concerns with TSA, HPD and the Honolulu Fire Department (HFD).
 - On-going discussion of Emergency Plans with Emergency Responders and Emergency Management.

4.2 Quality Management

- **Activities this month**
 - Conducted weekly meeting with HART-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 and mentoring HART employees to ensure that project participants are familiar with the latest approved plans and procedures, updating the Training Matrix accordingly.
 - Two new QA Engineers started work on July 2.
 - Updating and implementing the QA Audit Schedule for 2012.
 - Issued QA Audit Reports on July 16for:
 - Ansaldo Breda, Inc., Pittsburg, CA (audit performed on June 20-21) and
 - Ansaldo STS. Pittsburgh, PA (audit performed on June 27-28).
 - GEC II (Parsons Brinckerhoff, Inc. [PB]):
 - Continued training new GEC staff on the approved Quality Assurance Plan (QAP) and Implementation Plan (IP).
 - Performed internal QA Surveillance of Airport Utility and Guideway Contract Resident Engineer (CRE) Office.
 - Completed review of updated Inspection and Test Plans (ITPs) for the WOFH, KHG and MSF contracts.
 - Provided QA support to the GEC Core Systems sub-contractor, Lea+Elliott, on Task 11 for the Core Systems contract (CSC).
 - To date, 1 Non-Conformance Report (NCR) has been issued (closed).
 - WOFH (Kiewit Infrastructure West Co. [KIWC]):
 - 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 improvement.
 - Completed review of KIWC QAP Revision 2.
 - Conducted QA Surveillance of Construction on June 28-29.
 - To date, 52 NCRs have been issued:
 - 44 by KIWC (7 open) and
 - 8 by HART-GEC (all closed).
 - MSF (Kiewit Kobayashi Join Venture [KKJV]):
 - 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 Process Audit of Design activities on July 19.
 - To date, 1 NCR has been issued (open).
 - KHG (KIWC):
 - 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 improvement.
 - To date, 5 NCRs have been issued (1 open).
 - Core Systems Contract (CSC) (Ansaldo Honolulu Joint Venture [AHJV]):
 - The first Bi-weekly Quality Task Force Meeting was held on July 19.
 - Performed QA Systems Audit of Ansaldo Breda, Inc., Pittsburg, CA and Ansaldo STS, Pittsburgh, PA.
 - No NCRs were issued in these audits.
 - FHSG (HDR Engineering, Inc. [HDR]):
 - Continue to participate in weekly HART-GEC-HDR Design Coordination Meetings.
 - To date, 4 NCRs have been issued (all closed).

- Airport Guideway and Utilities (AECOM Technical Services, Inc. [AECOM]):
 - Bi-weekly QA Task Force meetings were held with the AECOM QA Team to discuss the status of submittals, design activities and field activities.
 - Completed review of Design Consultant, AECOM, QAP Revision 1 and sub-contractor, Yogi Kwong Drillers (YK), Geotechnical QAP Revision 0.
 - Witnessed AECOM QA Audit of sub-consultant, Wilson Okamoto Corp.
- WOSG (URS Corp. [URS]):
 - Attended and participated in Design Workshop on July 10.
 - Met with URS project and QA management staff to discuss the URS QAP and HART expectations.
- **Look Ahead**
 - Continue mentoring and training personnel on revised approved Project Plans and procedures.
 - Continue QA/QC and Environmental Compliance oversight of the WOFH, KHG, MSF, FHSG, Airport Guideway and Utilities, WOSG and Core Systems contracts.
 - Implement and update the 2012 QA Audit Schedule.
 - Perform scheduled QA Audits and Surveillances (Process Audits), as follow:
 - MSF: HNTB, Kansas City, KS on August 7-9
 - CSC: Ansaldo Breda-Italy (Naples and Pistoia) and Ansaldo STS-Italy (Genoa and Naples) on September 13-21.
 - Follow-up on and close corrective and preventative actions on all NCRs and Observations issued.
 - Review Contractor/Consultant QAP updates.

4.3 Right-of-Way Status and Third Party Agreements

- **Activities this month**
 - Acquisitions
 - An offer was made on TMK 2-3-007-033 in the City Center Guideway section.
 - Appraisals for all University of Hawaii (UH) properties at UH West Oahu (UHWO), Leeward Community College (LCC), the UH Urban Gardens and Honolulu Community College (HCC) are complete.
 - See Figure 28 below for a summary of acquisitions in each section and project-wide.
 - Relocations
 - Furniture, Fixtures and Equipment appraisals are being finalized for business relocations in the KHG, Airport and City Center sections.
 - Relocations are complete for TMK 9-6-003-013 within the Banana Patch. All residential relocations required for WOFH are complete.
 - See Figure 29 on the next page for a summary of relocations in each section and project-wide.
 - Figure 30 on page 50 sets out all agreements and their status to date.

Figure 28. Right-of-Way Status

Section	Original # Parcels in FEIS	Current # Parcels Needed	Agreements In Process	Appraisals in Process	Offers	Acceptance	Ready for Construction
FULL ACQUISITION							
Total	40	38	0	4	5	6	13
<i>WOFH</i>	<i>14</i>	<i>14</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>2</i>	<i>11</i>
<i>KHG</i>	<i>5</i>	<i>3</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>1</i>
<i>Airport</i>	<i>5</i>	<i>5</i>	<i>0</i>	<i>4</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>City Center</i>	<i>16</i>	<i>16</i>	<i>0</i>	<i>0</i>	<i>3</i>	<i>3</i>	<i>1</i>
PARTIAL ACQUISITION							
Total	163	133	8	0	6	0	7
<i>WOFH</i>	<i>18</i>	<i>10</i>	<i>2</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>6</i>
<i>KHG</i>	<i>21</i>	<i>7</i>	<i>4</i>	<i>0</i>	<i>3</i>	<i>0</i>	<i>0</i>
<i>Airport</i>	<i>31</i>	<i>34</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>
<i>City Center</i>	<i>93</i>	<i>82</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>0</i>	<i>0</i>
EASEMENTS							
Total	12	13	4	0	0	0	3
<i>WOFH</i>	<i>6</i>	<i>6</i>	<i>3</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>3</i>
<i>KHG</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Airport</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>City Center</i>	<i>5</i>	<i>5</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
GRAND TOTAL	215	184	12	4	11	6	23

FEIS = Final Environmental Impact Statement

Figure 29. Relocation Status

	Total Relocations	Initiated	90-day Notice	30-day Notice	Relocations Complete
RESIDENTIAL	26			2	24
<i>WOFH</i>	<i>25</i>			<i>2</i>	<i>23</i>
<i>City Center</i>	<i>1</i>				<i>1</i>
BUSINESS	66	12	3		6
<i>WOFH</i>	<i>5</i>	<i>2</i>			<i>3</i>
<i>KHG</i>	<i>4</i>		<i>3</i>		<i>1</i>
<i>Airport</i>	<i>7</i>	<i>6</i>			
<i>City Center</i>	<i>50</i>	<i>6</i>			<i>2</i>
NOT-FOR-PROFIT	1				1
<i>WOFH</i>	<i>1</i>				<i>1</i>
GRAND TOTAL	93	12	3	2	31

- **Look Ahead**

- WOFH section:

- Complete relocation of the remaining two households in the Banana Patch.
 - Issue 90-day notice to business located at TMK 9-4-019-050 for the Waipahu Station.
 - Securing a consent to enter to initiate work on TMK 9-6-004-006 within the Banana Patch while negotiations continue on property acquisition.

- KHG section:

- Continue negotiations for partial takes associated with TMKs 9-7-023-008, -022-008 and -022-021.
 - Continue negotiations on TMK 9-8-009-017 at Pearl Ridge Station.
 - Relocate 3 displaced businesses from TMK 9-8-010-002 by the end of September.

- Airport section:

- Continue to secure consent to enter for Archaeological Inventory Survey (AIS).
 - Initiate Phase II Environmental Site Assessments (ESAs) of TMKs 1-1-016-014 and -015.
 - Finalize Phase I ESAs for TMKs 1-1-016-005 and -006.

- **City Center section:**

- Continue to secure consent to enter for AIS.
 - Continue negotiations for TMKs 1-5-007-021 and 1-2-010-068 and partial takes associated with TMKs 1-7-002-026 and 1-2-009-017.

Figure 30. Acquisition-Relocation Agreements Status

Agreement	Completion Date	Target Date	Segment/Contract	Status
UH Master Agreement	Pending	Jun 2012	WOFH, KHG, City Center	Tentative agreement in place, on path to secure access to the property
LCC Sub-agreement	Pending	Jun 2012	WOFH	Property appraisal complete.
UHWO Sub-agreement	Pending	Nov 2012	WOFH	Property appraisal complete.
Dept. of Education (DOE) Master Agreement and Consent to Construct	Feb 8, 2011		WOFH	Executed
DR Horton Agreement	Mar 7, 2012	Mar 2012	WOFH	Executed
DHHL Master Agreement	Mar 10, 2010		WOFH, MSF	Executed
DHHL Consent to Construct	Dec 1, 2011		WOFH, MSF	Consent to construct in place until license agreement/property transfer.
DHHL License or Property Transfer	Pending	Dec 2012	WOFH, MSF	DHHL reviewing license; discussions with City on property transfer.
HDOT Master Agreement	Oct 31, 2011		WOFH	Executed
HDOT Use & Occupancy Sub-agreement	Apr 5, 2012		WOFH	Executed
UH Urban Garden Sub-agreement	Pending	Jul 2012	KHG	Property appraisal complete.
HDOT Master Agreement	Pending	Jul 2012	KHG	Comments received, issues being resolved
HDOT Use & Occupancy Sub-agreement	Pending	Aug 2012	KHG	Will complete after KHG Master Agreement is completed
Aloha Stadium/Dept. of Accounting & General Services (DAGS)	Pending	Aug 2012	KHG	Finalized agreement. Aloha Stadium Board review and approval is pending.
Navy/General Services Administration (GSA)	Pending	N/A	Airport	Navy will provide consents to enter until required easements in place; Pearl Harbor Station site fee taking progressing.
US Post Office Honolulu Processing-Distribution Center	Pending	Nov 2013	Airport	Initiated request to secure an easement for Post Office Property.
Federal Aviation Administration (FAA) Master Agreement	Pending	Jul 2013	Airport	As design progress a determination will be made if an agreement is required.
HDOT Master Agreement	Pending	Apr 2013	Airport	Pending.
HDOT Use & Occupancy Sub-agreement	Pending	Oct 2013	Airport	Will complete after Airport Master Agreement is completed
HDOT Master Agreement	Pending	Dec 2013	City Center	Pending awaiting completion of the KHG master agreement
HDOT Use & Occupancy Sub-agreement	Pending	Jul 2014	City Center	Will complete after City Center Master Agreement is completed.
HCC Sub-agreement	Pending	May 2014	City Center	Property appraisal completed.
Federal Court House/GSA	Pending	Oct 2014	City Center	Reviewing GSA draft agreement; monthly meetings with parties.
Hawaii Community Development Agreement (HCDA)	Pending	Oct 2014	City Center	Awaiting guideway final design.
DAGS	Pending	Oct 2014	City Center	Awaiting guideway final design.

4.4 Planning and Environment

- **Activities This month**
 - Programmatic Agreement (PA) [by PA Stipulation number]
 - II. Traditional Cultural Properties (TCPs)
 - On July 3, the State Historic Preservation Division (SHPD) communicated its concurrence with the FTA Eligibility and Effects Determination Report on the WOFH, KHG and Airport sections.
 - On July 13, FTA notified HART that construction restrictions related to TCPs for the WOFH, KHG and Airport sections were lifted.
 - Completion of TCP studies for City Center is expected in 2013.
 - III. Identification and Protection of Archaeological Sites and Burials - Archaeological Inventory Surveys (AIS) status through July 20:
 - Phase 3 (Airport) AIS: 5 of 40 trenches have been completed.
 - Phase 4 (City Center) AIS: 54 of 232 trenches have been completed.
 - Trench work has been delayed due to Department of Health requirements for more detailed hazardous and contaminated materials plans. Required plans have been submitted and are undergoing revision. Work is expected to commence in August.
 - V. Recordation and Documentation: Historic American Buildings Survey/ Historic American Engineering Record/ Historic American Landscape Survey (HABS/HAER/HALS) [including required photo recordation of adversely affected historic properties activities and submission to the National Park Service (NPS)]
 - WOFH Section: NPS has approved the photo documentation for the Honouliuli Stream Bridge. NPS review for Waikele and Waiawa Stream Bridges is in progress.
 - KGH Section: Photo documentation for Waimalu Stream, Kalauao Stream, and Kalauao Springs Bridges was submitted to NPS on June 29.
 - XIV. Administration
 - Quarterly Historic Preservation Committee Meeting July 27.
 - Semi-Annual Consulting Party Meeting July 27.
 - Mitigation Monitoring Program (MMP)
 - The MMP as submitted to FTA with the FFGA was baselined on July 17. Updates include clarification of responsibilities and wording and addition of several Federal Aviation Administration (FAA) Record of Decision (ROD) mitigation requirements.
 - Monthly and quarterly reporting on MMP Mitigation Measures IDs (MMIDs) continues. A Quarterly Report (May and June) will be submitted to FTA, as required, on August 1. No notable incidents were identified.
 - The Outdoor Circle (TOC): An agreement on meeting protocol has been reached and meetings are expected to resume this summer.
 - A required Tree Relocation Status update will go to City Council in late July.
 - The Ko'oloa'ula (*Abutilon menziesii*) Memorandum of Agreement (MOA) between HART, HDOT and DLNR for HART's Certificate of Inclusion for the HDOT Abutilon Incidental Take License is still awaiting HDOT signature. To date, no Ko'oloa'ula have been identified in the project footprint.
 - Planning Activities
 - HART submitted the Coastal Zone Management (CZM) Consistency Assessment associated with the FFGA to the State Office of Planning, CZM Program on July 5. The

Office of Environmental Quality Control posted public notice of this action starting July 23, with comment period through August 6.

- HART and DPP continue to conduct monthly meetings to discuss Transit-Oriented Development (TOD) around the future transit stations. A meeting was held on July 20.
 - Monthly HART Sustainability Committee Meetings continue as the team identifies ways to improve the support of green features project-wide. A meeting was held on July 13.
- **Look Ahead**
 - City Center TCP study will start this summer and extend into early 2013.
 - Photo recordation of historic properties:
 - NPS Approval of submittals for remaining WOFH and all KHG properties is expected in August.
 - Additional documentation on historic properties in the Airport and City Center sections is underway.
 - Completion of AIS work for the Airport section is expected this Fall.
 - City Center AIS work will continue into early 2013.

4.5 Risk Management

- **Activities this month**
 - The Risk Assessment Committee (RAC) did not meet in July and there are no updates on risk management this month. The next RAC meeting will be held on August 9.
 - The risk matrix in Figure 31 below is used to score and rank identified risks. Risks have been assessed on probability of occurrence and most likely cost and schedule impact, if occur. The rating is the average cost and schedule impact score multiplied by the likelihood score.
 - The top 10 risks in June are set out in Figure 32 on the next page.
 - As shown in Figure 33 on the next page, the June Top 10 Risks changed from those in May, due to increased ratings for:
 - Risk 39: Project-wide, contractors may not achieve contract-required delivery dates of design information and construction interfaces
 - Risk 14b: KHG HDOT Use and Occupancy Agreement with utility owners could delay utility relocations in the State right-of-way (ROW)
 - Risks 36 and 89 removed from the top 10.
 - 7 new risks were added in June, as shown in Figure 34 on page 55, including:
 - Risk 159: The KHG Request for Proposal (RFP) and traffic studies showed 1 left turn lane needed at Kanuku Street, but HDOT studies have shown that the 2 current lanes may be needed, requiring guideway redesign and additional road widening.
 - Risk 158: Review of potential Traditional Cultural Properties (TCP) continues to identify any area of cultural significance. A total of 2 sites have been identified along the WOFH, KHG and Airport sections, but, to date, no *iwi kupuna* have been identified and the sites are expected to be cleared for work by mid-June.
 - 8 risks were deleted from the Risk Register in June, as shown in Figure 35 on page 55.
 - Overall, in June, the total number of risks decreased by 1 from 342 to 341 risks; 7 risks were added and 8 risks were deleted, as shown in Figure 36 on page 56.
 - HART continues to work with the Owner-Controlled Insurance Program (OCIP) Consultant, Marsh USA, Inc., to identify and evaluate the insurable risks for the project and the agency.
- **Look Ahead**
 - Monthly contract-/discipline-specific risk workshops.
 - Update Risk Mitigation Plans with top risks.
 - The final OCIP Plan from Marsh is expected on October 1.

Figure 31. Risk Matrix

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

Figure 32. Top 10 Project Risks in June

Risk ID	SCC Code	Contract Package	Risk Description	Prob	Prob Rating	Cost Impact	Time Impact	May Risk Rating	April 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.	100%	5	4	2	15	15
39	90.00	Project wide	Contractors may not achieve contract required delivery dates of design information and construction interfaces to others.	75%	4	5	2	14	7
14b	40.02	KHG	HDOT Use and Occupancy Agreement with utility owners could delay utility relocations in the state ROW.	75%	4	4	3	14	10
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	40.08	City Center Guideway	Traffic disruptions in City Center segment may result in revised constraints imposed by City or HDOT (lane restrictions and peak time flow restrictions) .	75%	4	4	3	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

Figure 33. Risks Removed from the Top 10 in June

Risk ID	SCC Code	Contract Package	Risk Description	Prob	Prob Rating	Cost Impact	Time Impact	May Risk Rating	April Risk Rating
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
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	10	12

Figure 34. New Risks for June

Risk ID	SCC Code	Contract Package	Risk Description	Cal Prob	Prob Rating	Cost Impact	Time Impact	Risk Rating
159	60.01	KHG	Double left turn at Kanuku St. (near Best Buy) may be required by HDOT.	75%	4	4	2	12
158	40.04	Project Wide	Review of potential Traditional Cultural Properties (TCP) could result in construction delay and design modifications.	25%	2	3	2	5
158a	40.04	WOFH	Review of potential Traditional Cultural Properties (TCP) could result in construction delay and design modifications.	25%	2	3	2	5
158b	40.04	KHG	Review of potential Traditional Cultural Properties (TCP) could result in construction delay and design modifications.	25%	2	3	2	5
158c	40.04	Airport	Review of potential Traditional Cultural Properties (TCP) could result in construction delay and design modifications.	25%	2	3	2	5
158d	40.04	City Center	Review of potential Traditional Cultural Properties (TCP) could result in construction delay and design modifications.	25%	2	3	2	5
158e	40.04	MSF	Review of potential Traditional Cultural Properties (TCP) could result in construction delay and design modifications.	25%	2	3	2	5

Figure 35. Risks Deleted in June

Current Risk ID	SCC Code	Contract Package	Risk Description	February 2012 Comments	May '12 Risk Rating	Feb. '12 Risk Rating
152	60.01	KHG	ROW not acquired by other as shown in RFP drawings at Acacia Rd results in delays.	Risk has been deleted. ROW is no longer required because HDOT has agreed that they do not need the RTL.		7.5
128	60.01	ROW	Property required at UH currently assumes donation. However, there is a possibility that UH may require property to be bought.	Risk has been deleted. It is a duplicate of risk #127.		3
47	90.00	Project Wide	Delays due to integration of new government entities.	Risk has been deleted since it has been almost a year since HART was formed and no issues have resulted.		3
47a	90.00	WOFH	Delays due to integration of new government entities.	Risk has been deleted since it has been almost a year since HART was formed and no issues have resulted.		3
47b	90.00	MSF	Delays due to integration of new government entities.	Risk has been deleted since it has been almost a year since HART was formed and no issues have resulted.		3
47c	90.00	KHG	Delays due to integration of new government entities.	Risk has been deleted since it has been almost a year since HART was formed and no issues have resulted.		3
47d	90.00	CSC	Delays due to integration of new government entities.	Risk has been deleted since it has been almost a year since HART was formed and no issues have resulted.		3
PMOC-19	50.05	CSC	Managing technology advances in sub-system components throughout the eight-year construction and 10-year O&M program will be difficult.	This risk has been deleted since it is an O&M comment and is not deemed a risk for the construction of the Project.		2

Figure 36. Risks by Contract Package

Contract Packages	April 2012 # of Risks		May 2012 Update				
			Total # of Risks		Newly Sub-Divided Risks*	New Risks	Deleted Risks
Project Wide	70	17*	70	17*	0	1	1
WOFH	50		50		1	0	1
MSF	23		23		1	0	1
KHG	40		40		1	1	2
Core Systems Contract	25		23		0	0	2
Right of Way	12		11		0	0	1
Airport Guideway	50		51		1	0	0
City Center Guideway	55		56		1	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 Section Stations	1		1		0	0	0
City Center Section Stations	3		3		0	0	0
Total	342	289	341	288*	5	2	8

4.6 Community Outreach

- **Activities this month**
 - Construction outreach continues as columns are constructed in the West Oahu area serving as a visual marker of the project's progress.
 - HART's announcement at the end of June that it had submitted its Full Funding Grant Agreement request for \$1.55 billion in federal New Starts funding has been covered extensively by the media in the following weeks. This includes all local television network affiliates, the state's daily newspaper and business and trade publications. On-site visits and media events continue to reflect the project's momentum and general public's interest in Oahu's first urban rail system.
 - HART's general project outreach included presentations for rotaries, business organizations, construction trade and industry leaders, cultural groups and schools.
 - As construction activity increases, the importance of keeping the public informed grows even more essential. HART continued its series of business and community meetings in West Oahu and the Pearl City/ Aiea areas and conducted several media briefings regarding construction-related traffic detours and road closures.
 - To date, staff has participated in:
 - 1,286 presentations and events and
 - 677 neighborhood boards.
 - Archaeological Inventory Survey (AIS) work in the Airport and City Center areas is continuing with the public involvement team canvassing the areas and providing informational on the survey work to the surrounding communities.
- **Look Ahead**
 - U.S. Sen. Daniel Inouye is expected to visit Honolulu's rail transit construction site in West Oahu to see the columns and column forms. The senator is also expected to visit the site of the new Maintenance and Storage Facility in Waipahu.
 - Construction outreach for the Kamehameha Highway Guideway (KHG) section area continues to increase.
 - Work begins on the Maintenance and Storage Facility (MSF) in August and is expected to generate strong media interest. HART's outreach team, working in conjunction with the contractor, will keep nearby residents and businesses updated and informed regarding construction activity.

5. STAFFING

- **Activities this month**
 - HART staffing activities are summarized in Figure 37 below.

Figure 37. Staffing Activities

Title	Group	New/Existing HART position*	Position Status	Start Date
Engineering and Construction				
Planner V	Permits & Hazmat	New	Offer made	August
Engineer VI	City Center	New	Interviewing	
Planner V	Mitigation	New	Filled	July
Architect/CE IV or V	Airport/City Center	Existing	Offer made	August
Secretary I	Core Systems	Existing	Offer made	August
Architectural Historian	Planning	New	Recruiting	
Traffic Engineer II	Facilities	Existing	PMSC (temp)	
Electrical Engineer III/IV**	Core Systems	New	Recruiting	
Administration and Controls				
Quality Assurance Engineer	Mechanical	New	Filled	July
Quality Assurance Engineer	Electrical	New	Filled	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	(1) Offer made	August
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	Recruiting	
Secretary I	Right of Way	New	Filled	July
Secretary I	Project Controls	New	Filled	July
Labor Relations				
Manager	Project Labor Agreement	New	Recruiting	

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

- **Look Ahead**
 - HART staffing projections, per the current Staffing Plan, are shown in Figure 38 below and Figure 39 on the next page.

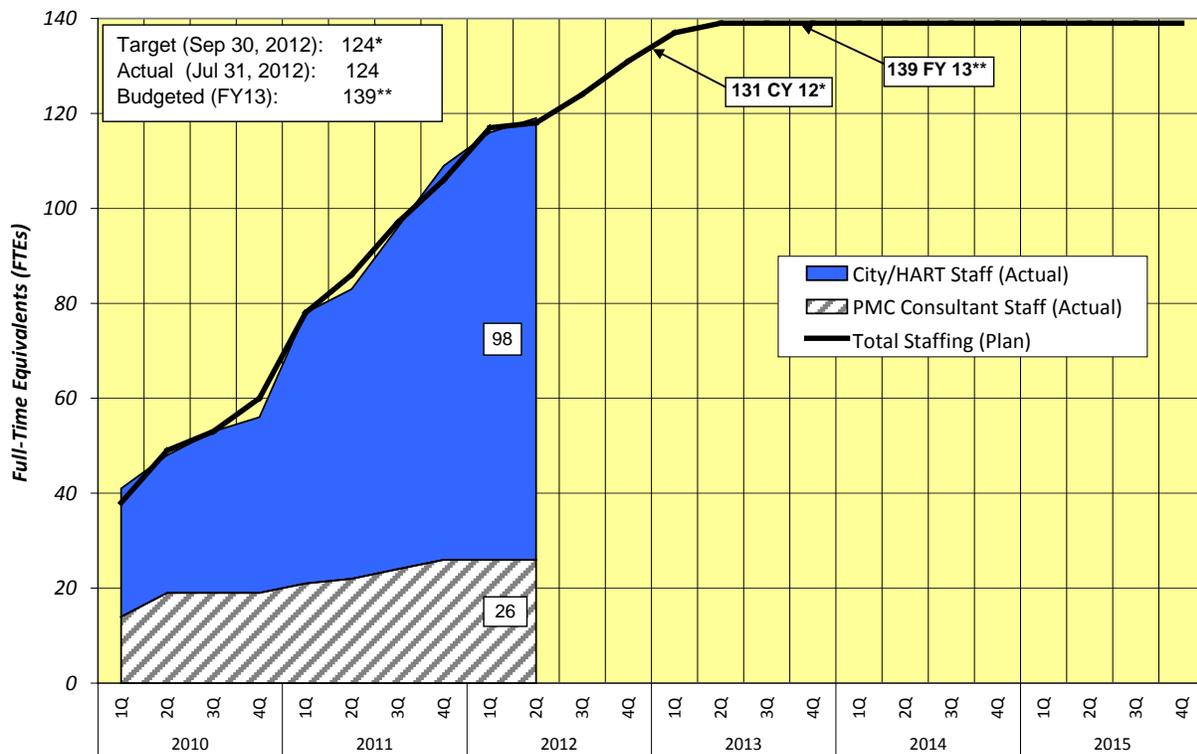
Figure 38. HART Staffing Projection in the Current Staffing Plan

[Also see the Staffing Chart in Figure 39 on the next page]	as of:	# Employees
Target*	Sep 30	124
Actual*	Jul 31	124
Full-Time Employees budgeted for FY13**	Jun 30	139

*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) and
 - Department of Human Resources (DHR) and
 - the State of Hawaii Department of Transportation (HDOT) on Consultant Services Contracts.
- For greater organizational structure detail, see the latest HART Project Organization Chart in Appendix A at the end of this report.

Figure 39. Project Staffing (Actual and Planned)



* In accordance with latest Staffing and Succession Plan (Rev 5, 5-25-12)

** 139 positions authorized in FY 2013 HART Operating Budget

- Figure 40 and Figure 41 on the next page show the status of Program Management Support Consultant (Contract MM-901) and General Engineering Consultant (GEC) 2 (Contract MM-910) staffing.
- As of the end of June, the cumulative PMSC incurred cost was \$2.8 million versus a plan of \$3.1 million. The Full-Time Equivalent (FTE) staffing during the month was 29.3 people versus the plan of 29.4.
- The GEC incurred cost was \$54.6 million versus a plan of \$52.0 million. The FTE staffing during the month was 180.3 people versus a plan of 210.6.

Figure 40. Program Management Support Consultant (PMSC) Staffing

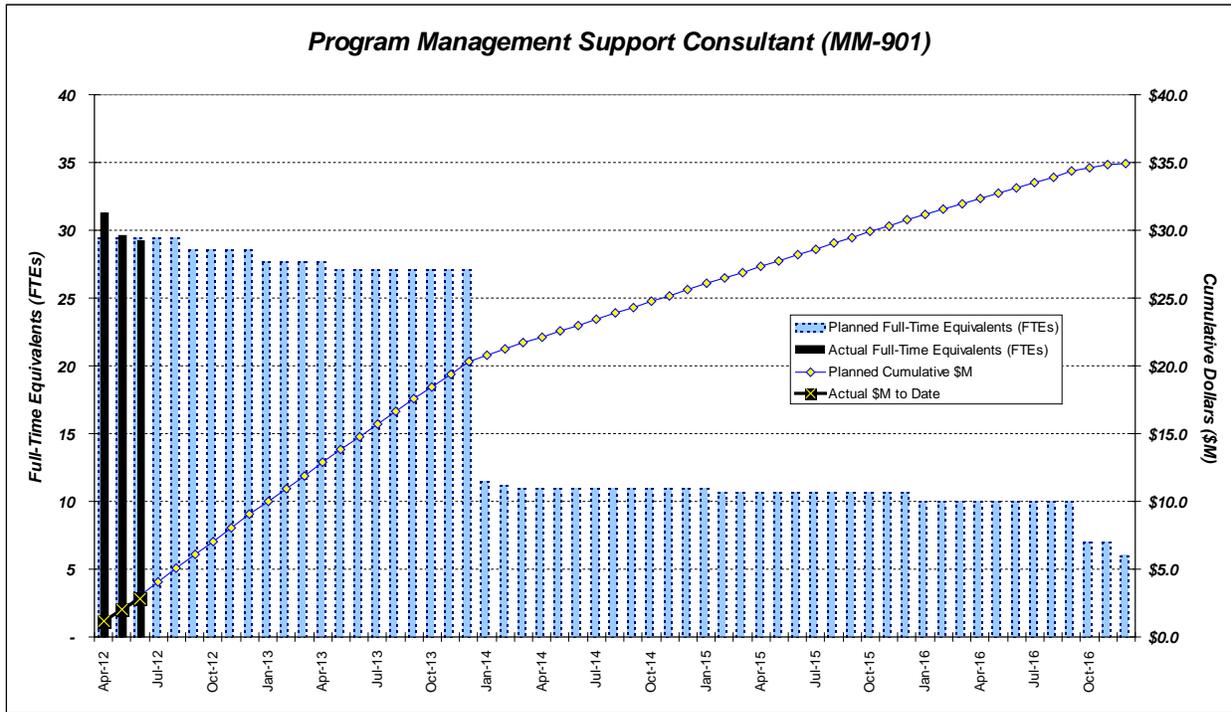
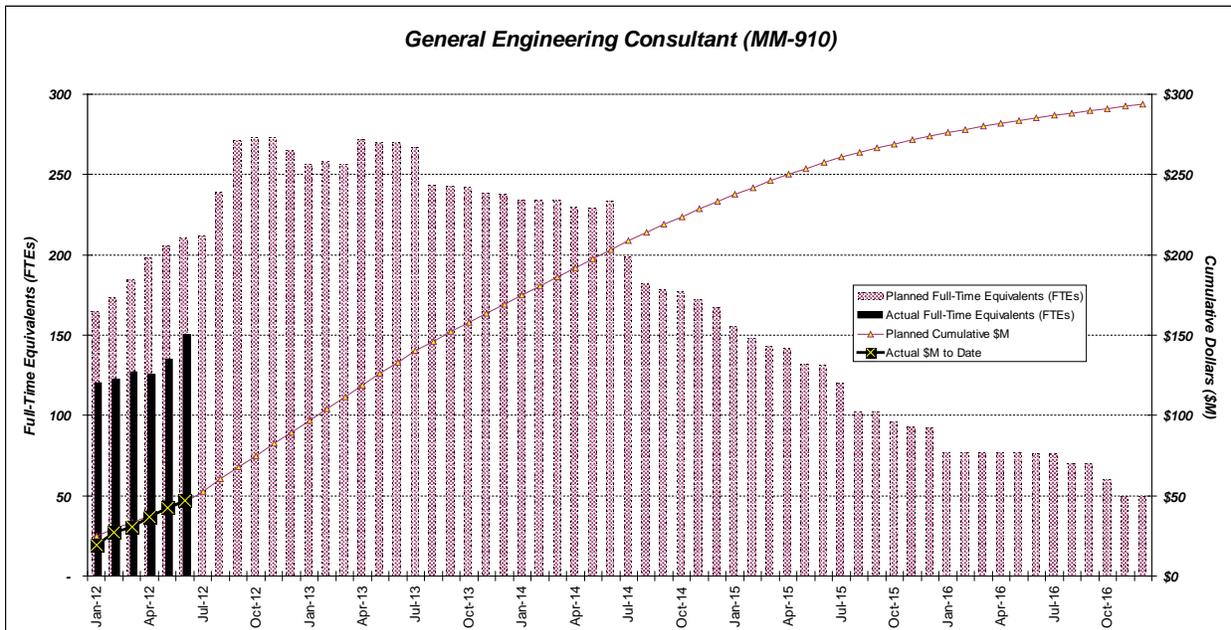


Figure 41. General Engineering Consultant (GEC) Staffing



6. APPENDICES

Appendix A - Project Organization Chart

Appendix B - Project Alignment

Appendix A. Project Organization Chart

Project Management Plan – Rev. 5.0 June 29, 2012

Figure 4: Project Organization Chart

