

HONOLULU RAIL TRANSIT PROJECT

April 2013

Cost, Schedule, Risk data date 3/29
Other Activities 4/30



MONTHLY PROGRESS REPORT

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

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1 EXECUTIVE SUMMARY

1.1 Key Activities This Month

Discussions regarding the rail project's interface at the Honolulu International Airport continue among the Honolulu Authority for Rapid Transportation (HART), the Hawaii Department of Transportation's Airport Division (HDOT-A) and the Federal Aviation Administration's Hawaii Division. From the Airport Station, a covered walkway would be provided to both the International Parking Structure and the Overseas Terminal Parking Structure which would be accessible from a single level station platform.

On April 11, a joint meeting was convened by HART's Board of Directors and the Board of Directors of Oahu Transit Services (OTS), the entity that provides bus management services for the City and County of Honolulu (City). Mayor Kirk Caldwell, and City Councilmembers Breene Harimoto and Joey Manahan were in attendance. Mayor Caldwell addressed the Boards by reiterating that it is not rail versus bus, but rail and bus working hand-in-hand to create an efficient public transportation system.

Through adoption of their respective resolutions, the Boards agreed to establish a joint task force to research and study integrated bus and rail operations in other jurisdictions for applicability in Honolulu with respect to:

- Efficient and cost-saving intermodal operations;
- The identification and elimination of operational redundancies;
- The identification and maximization of operational synergies;
- Common fare media/technology, IT and telecommunications;
- The implementation of equitable fare structure(s) and prices;
- Common administration, operations and/or maintenance; and
- Any and all other information and/or proposals in furtherance of seamless and cost-efficient Rail/Bus multimodal operations.

On April 16, Governor Neil Abercrombie approved Act 012, which increases the membership of a metropolitan planning organization from 13 to 14 members. The additional member is "the director of the authority for rapid or mass transportation, or a successor agency thereof, that operates public transportation on that island." Act 012 took effect upon its approval on April 16.

1.2 Key Current Issues

Archaeological Inventory Survey (AIS) Reports

The State Historic Preservation Division (SHPD) completed review and comment on the AIS Reports for the Airport section. Revisions are in progress. AIS Reports for the City Center section were submitted to the SHPD for review on April 8. The review and approval by SHPD of the AIS Reports for all four construction sections of the Project will fulfill project-wide reporting requirements.

Potential Burial Site Discovery

Coordination with SHPD and the Oahu Island Burial Council (OIBC) as well as outreach to descendant families continues on the seven iwi kūpuna (human skeletal remains) discovered during the AIS City Center field work.

Traditional Cultural Property (TCP) Studies

TCP studies for the City Center section are undergoing review and consultation with the Programmatic Agreement Consulting Parties.

1.3 Project Scope Status Overview

There have been no project scope changes; the project scope continues to reflect the Final Environmental Impact Statement (FEIS). While the scope has not changed, the Contract Packaging Plan (CPP) is being modified with certain facility design and construction work re-packaging.

1.4 Project Schedule Status Overview

Despite the AIS delay, HART is implementing measures to maintain the March 30, 2019 full revenue service date (RSD), 10 months ahead of the January 31, 2020 FFGA RSD. The March 2019 RSD is the milestone date reflected in the FFGA Master Project Schedule (MPS) and is consistent with all FFGA request submittals.

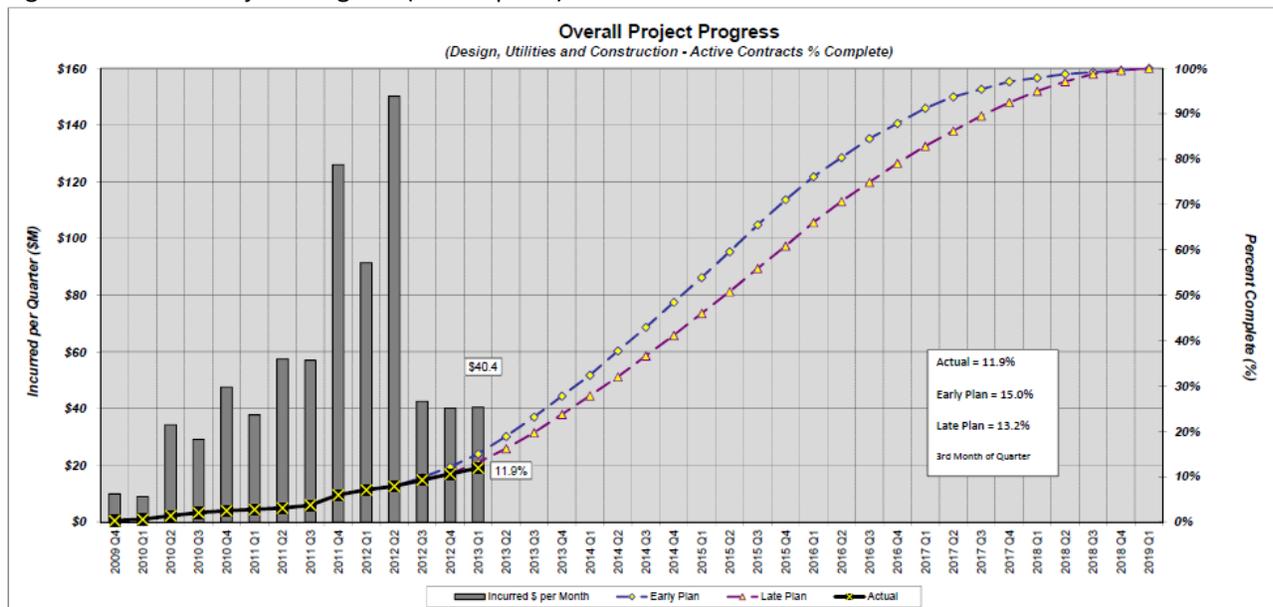
Due to the delay to construction, the scheduled Interim Passenger Opening milestone will slip from June 2016 to June 2017. Several contract packages are being combined to maximize economies of scale and reduce interface needs between design and construction contractors to achieve both cost and schedule benefits. These updates are displayed in the latest Summary MPS on page 20 and Procurement Tracking Reports starting on page 24.

1.5 Project Progress Overview

Overall project, construction, design and utilities progress is presented below and on the following pages in terms of actual versus planned percent complete by quarter, in accordance with the FFGA MPS and Project Budget. Individual construction, design and utilities contract status is presented in Sections 3.2 through 3.5 of this report.

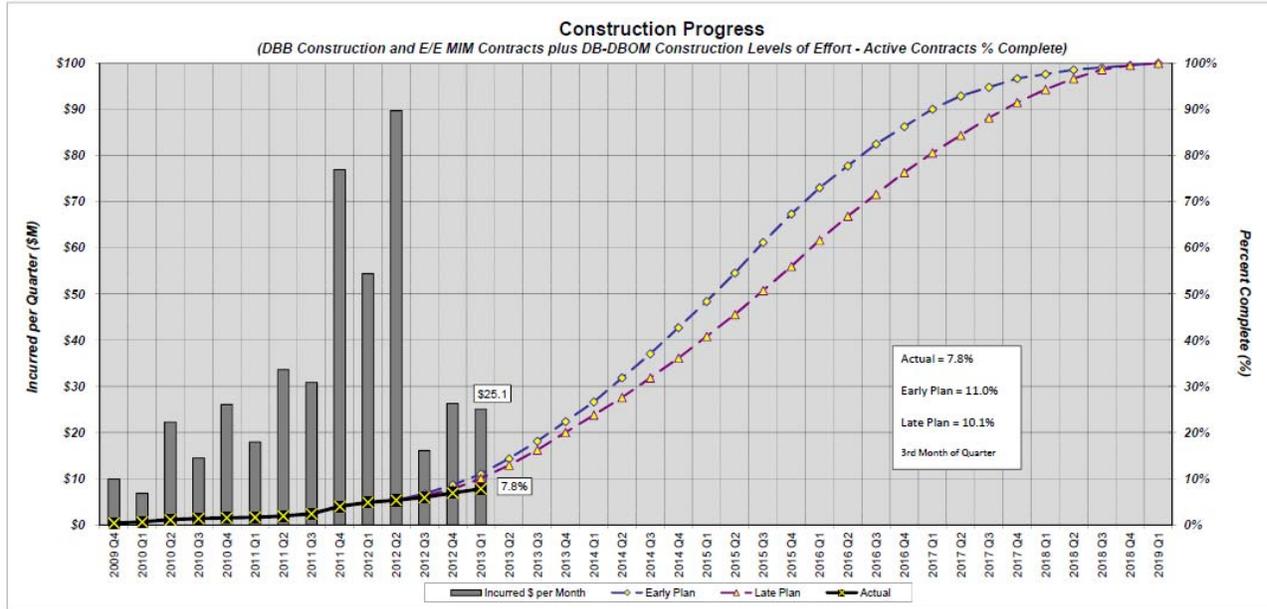
At present “overall” project progress is based on the weighted value progress of the individual construction and design contracts (Design-Build [DB], Design-Bid-Build [DBB], Design-Build-Operate-Maintain [DBOM], Elevator/Escalator Manufacture-Install-Test-Maintain [MIM], Final Design [FD] and DB-DBOM design levels of effort), not including City or non-design consultant labor. Overall Project Progress will reflect all project elements as budgeted. Utilizing the existing Project progress method through March 29, 2013, progress is 11.9%, versus the early plan of 15.0% and the late plan of 13.2%, as shown in Figure 1.

Figure 1. Overall Project Progress (% Complete)



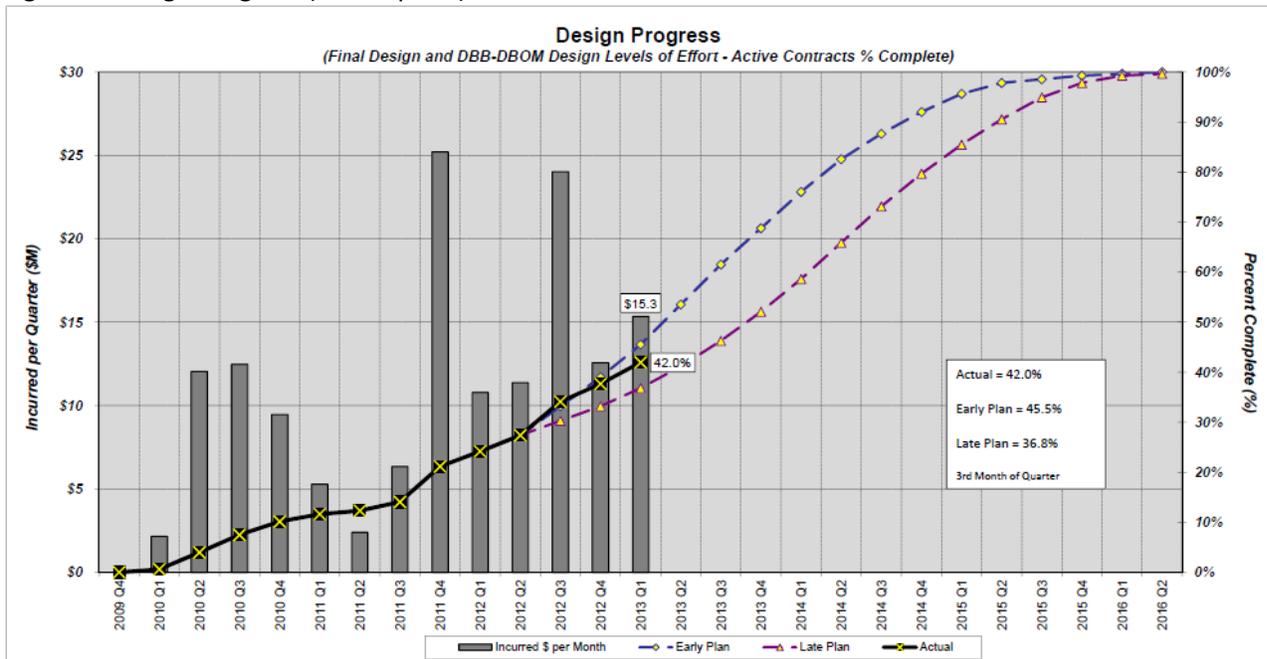
Overall construction progress as of March 29 is 7.8%, versus the early plan of 11.0% and the late plan of 10.1%, as shown in Figure 2 below. Overall construction progress is based on the weighted average progress of the individual DBB and E/E MIM construction contracts and the DB-DBOM construction levels of effort, not including consultant construction engineering and inspection (CE&I) services.

Figure 2. Construction Progress (% Complete)



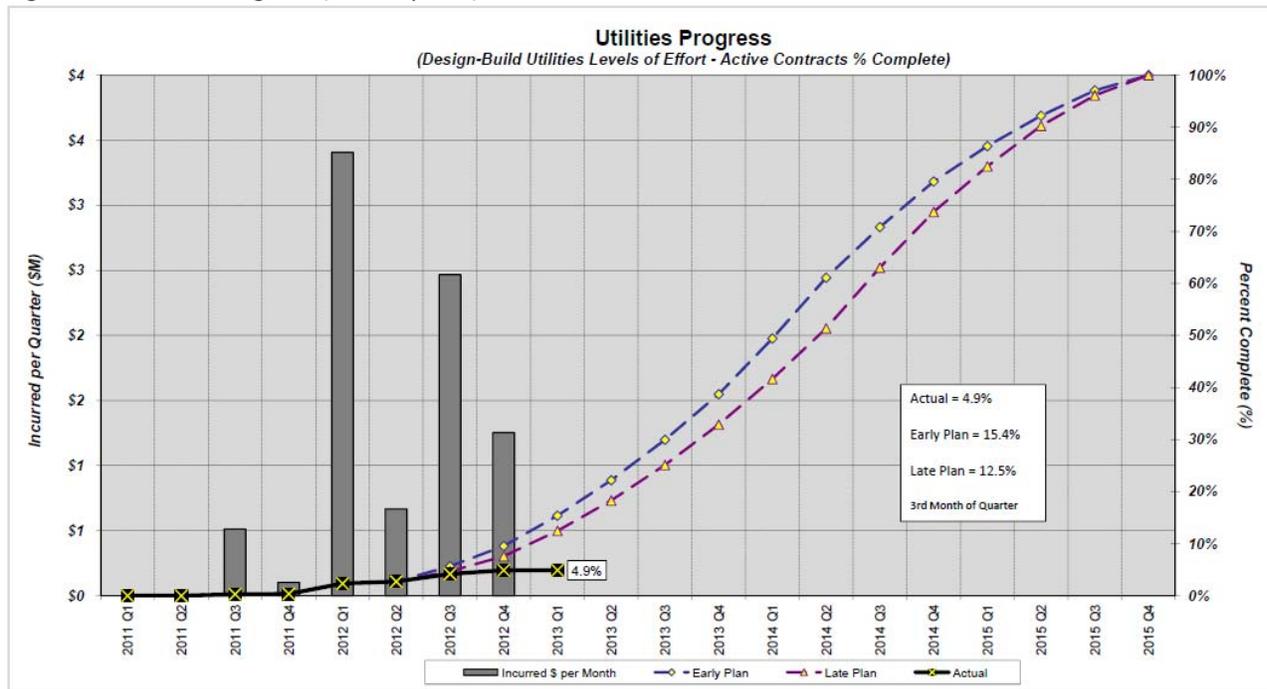
Overall design progress through March 2013 is 42%, versus the early plan of 45.5% and the late plan of 36.8%, as shown in Figure 3 below. Overall design progress is based on the weighted average progress of the individual FD contracts and the design levels of effort of the DB and DBOM construction contracts, not including City or non-design consultant labor.

Figure 3. Design Progress (% Complete)



Overall utilities progress through March 2013 is 4.9%, versus the early plan of 15.4% and the late plan of 12.5%, as shown in Figure 4 below. Overall utilities progress is based on the weighted average progress of the DB utilities levels of effort.

Figure 4. Utilities Progress (% Complete)



1.6 Financial Status Overview

1.6.1 Project Budget

The total incurred cost (actual expenditures plus approved requests for payment) as of March 29 was \$655.9M, or 15.4% of the FFGA Baseline Project Budget (excluding contingencies and finance charges) of \$4.252 billion.

The total committed amount as of March 29 was \$2.260B, or 53.1% of the FFGA Baseline Project Budget (including awarded design contract allowances of \$5.4M, excluding uncommitted contingencies and finance charges).

The total amount Authorized for Expenditure (AFE) by way of Notices to Proceed (NTPs) was \$1.077B, or 25.3% of the FFGA Project Budget (excluding uncommitted contingencies and finance charges). During this reporting period, HART issued 2 notices to proceed for the Real Estate Consultant contract and one Change Order for Maintenance and Storage Facility DB contract. There is a net AFE increase of \$542k as the result of the executed change and 2 NTPs.

Notices to Proceed			
Contract		Scope	Amount (\$)
MM-935	Real Estate Consultant	AFE #23	10,396
MM-935	Real Estate Consultant	AFE #24	11,655
Change Orders/Cost Adjustment			
DB-200	Maintenance & Storage Facility DB	Change Order 06	520,014

To date, 23 of the 42 planned design, construction and specialty consultant contracts have been awarded.

During the March 2013 cost reporting period, HART executed one change order for approximately \$.520M on the Maintenance Storage Facility Design-Build contract (DB-200), \$.465M of the change order draws against the Project Contingency, the remaining \$.05M draws down the “known” changes balance of contingency. A Contract Amendment for \$3,885 was also executed on the Farrington Highway Stations Group Final Design which also draws down on Project Contingency. The net result of the executed change order and contract amendment for this period results in a Current Project Contingency Budget of \$652.2M. Cost contingency details are presented in Section 2.1 of this report, along with a discussion of contingency management and the proposed Cost Contingency Drawdown Chart in Section 2.4.

1.6.2 Project Funding

Approximately \$67.5M in FTA Section 5309 New Starts funds was drawdown in March and is included in Section 2.2 of this report. The \$67.5 million is a reimbursement for 29.3% of approximately \$230.5 million paid with local funds as of November 30, 2012 for partial engineering and construction costs incurred under pre-award authority and Letters of No Prejudice.

The State of Hawaii informed the City that approximately \$55.3M in county General Excise Tax surcharge for the quarter ended March 31 will be distributed on April 30. A drawdown request for approximately \$12.7M in FTA Section 5309 New Starts funds was processed in April. Both revenue amounts will be incorporated in the financial data for next month’s report. See Section 2.2 for project funding details.

1.6.3 Full Funding Grant Agreement (FFGA) Status

HART is awaiting FTA’s publication of the FY 2013 New Starts allocation in the Federal Register to confirm the expected amount of approximately \$236M. The \$236M is less than the \$250M FY 2013 increment identified in the FFGA, but it will not negatively impact the Project’s cash flow. The \$14M shortfall (\$250M minus \$236M) will be recovered in a future year’s allocation.

1.7 HART Board of Directors Meetings and Events in April

HART Board of Directors Meeting

Thursday, April 11, 2013, 8:30 a.m., Oahu Transit Services, Paratransit Bldg., 2nd Floor, 611 Middle St.
Open to the Public.

2 PROJECT BUDGET AND SCHEDULE

2.1 Project Budget

The FFGA Baseline Project Budget is \$5.122B, which includes approximately \$644M in allocated and unallocated contingencies and \$173M in finance charges. Reported budget amounts relate to the FTA New Starts project and exclude \$42M in FTA-ineligible financing costs that will be incurred beyond FFGA completion.

The total committed amount as of March 29 was \$2.260B (including awarded design contract allowances of \$5.4M, but excluding uncommitted contingencies and finance charges), or 53.1% of the FFGA Baseline Project Budget (excluding uncommitted contingencies and finance charges).

In March 2013, the Project incurred \$30.5M in costs (actual expenditures plus approved requests for payment as of the cost data date of March 29). This brought the total incurred cost to date to \$655.9M, or 15.4% of the Project Budget (excluding contingencies and finance charges). The FFGA Financial Plan (*Honolulu Rail Transit Project Final Financial Plan for Full Funding Grant Agreement*, June 2012, Tables 2-4 and A-1) projected cumulative capital expenditures of \$1.3B through FY2013.

The total amount Authorized for Expenditure (AFE) by way of Notices to Proceed (NTPs) was \$1.077B, or 25.3% of the FFGA Project Budget (excluding uncommitted contingencies and finance charges).

To date, 23 of the 42 planned design, construction and specialty consultant contracts have been awarded. A re-packaging of the contracts has decreased the total number of planned design, construction and specialty consultant contracts from 49 per the baselined Contract Packaging Plan to 43. Additionally, by way of exercising a contract option for the HDOT Design Coordination Consultant, another contract was eliminated, reducing the number of contracts to 42. The Contract Packaging Plan will be updated to reflect the re-packaging.

The Baseline Budget for Total Project Contingency is approximately \$644M and consists of the following elements:

- 1) Allocated Contingency (\$540.1M). This contingency category represents amounts assigned (allocated) to the various contract packages.
- 2) Unallocated Contingency (\$101.9M). This contingency category represents amounts not assigned to a particular contract package.
- 3) Allowances (\$1.6M). This contingency category represents allocated contingency amounts for design services that have been obligated/committed through contract awards.

The overall Project Contingency amount increases as a result of favorable contract awards. Budget savings occur when the budgeted amount for a contract is higher than the actual contract amount. The savings are transferred into Project Contingency thereby increasing the Current Project Contingency available for use.

The approximately \$644M Baseline Budget for Total Project Contingency does not include amounts for known changes yet to be finalized at the time the Bottom-Up Estimate (BUE) was prepared. Estimated amounts for known changes were included in the BUE base contract values, but classified as "contingency" in order to process all changes using a consistent methodology of transferring from contingency to the appropriate cost code when a change order is executed.

During the March 2013 cost reporting period, HART executed one change order for approximately \$.520M on the Maintenance Storage Facility Design-Build contract (DB-200), \$.465M of the change order draws against the Project Contingency, the remaining \$.05M draws down the “known” changes balance of contingency. A Contract Amendment for \$3,885 was also executed on the Farrington Highway Stations Group Final Design which also draws down on Project Contingency. The net result of the executed change order and contract amendment for this period results in a Current Project Contingency Budget of \$652.2M, as shown below and detailed in project cost report in Figure 10 starting on page 16.

- 1) \$545M = Allocated Contingency
- 2) \$101.9M = Unallocated Contingency
- 3) \$5.4M = Allowances

The detailed project cost report by SCC Level 2 presented in Figure 10 on page 16 includes \$44.5M for known changes and presents the total available contingency as \$696.7M (\$652.2M + \$44.5M).

HART’s proposed cost contingency drawdown plan is discussed in Section 2.4 and presented in Figure 12 on page 23.

2.2 Project Revenue and Costs

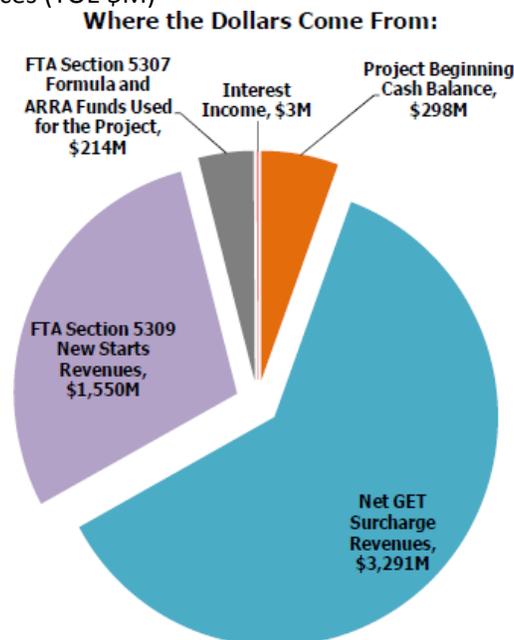
Total cash received to date since the start of Preliminary Engineering is \$1,029M.

The FFGA Financial Plan (Table A-1 *Capital Plan Cash Flows*) projects Net GET Surcharge Revenue of \$684M for FYs 2010-2013. Approximately \$595.5M has been received since the Project’s entry into FTA’s Preliminary Engineering phase of project development. See Figure 5 below for Project funding and Figure 6 for planned versus received funding.

Project revenue is presented against costs incurred as of the March 29 cost data date in Figure 7 on page 11.

Project costs are detailed in Figure 8, Figure 9 and Figure 10 on pages 12 through 18. Cost reports are run from the HART Contract Management System (CMS). Figure 8 presents costs for each contract by HART CPP contract number. Figure 9 on page 15 and Figure 10 on page 16 present summarized and detailed project costs by FTA SCC.

Figure 5. Project Funding Sources (YOE \$M)



Source: FFGA Financial Plan, p. 2-1

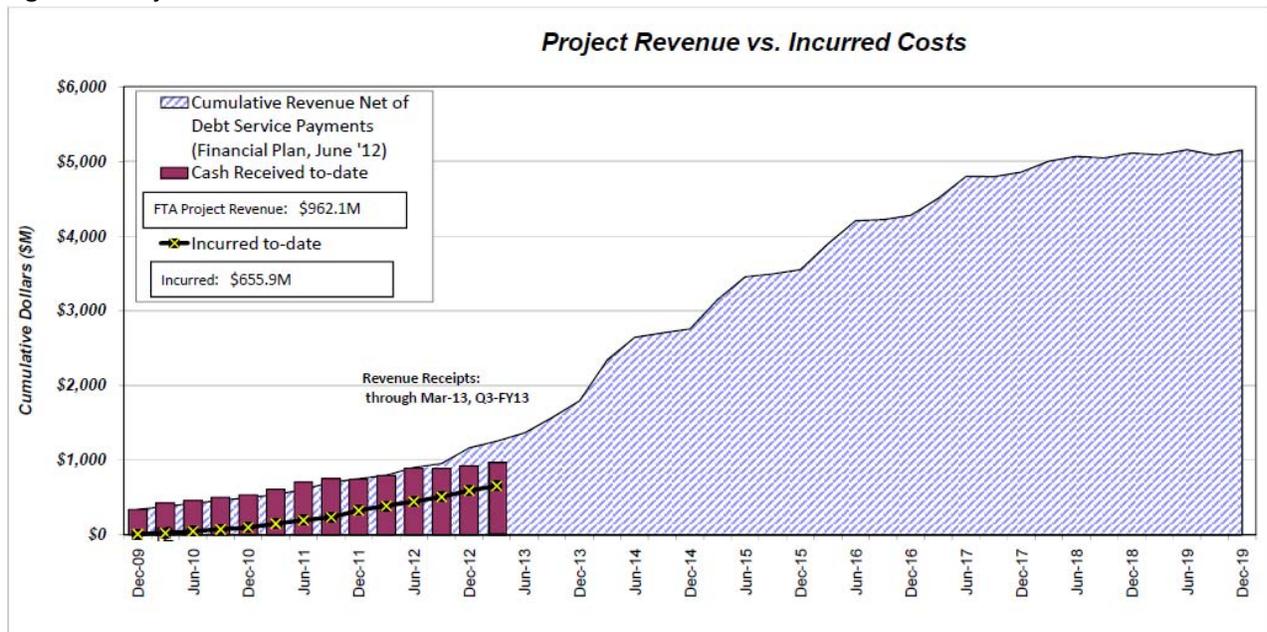
Figure 6. Planned vs. Received Project Funding

Funding Source	Planned ¹ (\$YOE M)	Received to Date (\$M)
FTA Section 5307 Formula Funds, including ARRA	214	4
Interest Income on Cash Balance	3	1
Beginning Project Cash Balance ²	298	298
FTA Section 5309 New Starts Revenue	1,550	131
Net General Excise Tax (GET) Surcharge revenues FY2010-FY2023	3,291	595
Total	5,356	1,029

¹ FFGA Financial Plan, Table A-1 *Capital Plan Cash Flows*.

² Beginning Project Cash Balance at Entry into Preliminary Engineering (PE) on October 16, 2009 (the FTA Project start date) = GET, investment and miscellaneous income minus pre-PE expenditures.

Figure 7. Project Revenue versus Incurred Costs



Planned Funding levels as per the June 2012 FFGA Finance Plan
 Data date for Revenue & Incurred Cost = March 29, 2013

Figure 8. Project Costs by Contract



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Costs Reported as of Month Ending: March 2013

Project Monthly Cost Report by Contract - One Line Summary

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CPP No	Title	A		B		C-A+B		D		E		F	
		Original	Changes	COMMITTED	Changes	Current*	Current*	AFE**	AFE**	Incurred To Date	Incurred To Date	PERCENT	PERCENT
A-RT	Project Wide A-RT	0	0	0	0	0	0	0	0	0	0	0	0%
CCH-100	Inactive Hart/City CCH	15,348,443	0	15,348,443	0	15,348,443	0	15,348,443	0	15,348,443	0	15,348,443	100%
CCH-101	HART/City Dept of BFS	105,082	0	105,082	0	105,082	0	105,082	0	105,082	0	105,082	0%
CCH-102	HART/City DDC Land Division	256,201	0	256,201	0	256,201	0	256,201	0	256,201	0	256,201	0%
CCH-107	HART/City Corporation Counsel (COR)	1,893,013	0	1,893,013	0	1,893,013	0	1,893,013	0	1,893,013	0	1,893,013	19%
CCH-108	Board of Water Supply (BWS)	0	0	0	0	0	0	0	0	0	0	0	0%
DB-120	West Oahu/Farrington Hwy Guideway	482,324,000	54,847,469	537,171,469	316,005,635	537,171,469	316,005,635	173,466,598	173,466,598	173,466,598	0	173,466,598	32%
DB-200	Maintenance & Storage Facility DB	195,258,000	20,117,751	215,375,751	148,406,485	215,375,751	148,406,485	50,125,174	50,125,174	50,125,174	0	50,125,174	23%
DB-320	Kamehameha Hwy Guideway DB	372,150,000	4,215,981	376,365,981	166,382,062	376,365,981	166,382,062	83,088,340	83,088,340	83,088,340	0	83,088,340	22%
DBB-185	WOF/HVHS Construction	0	0	0	0	0	0	0	0	0	0	0	0%
DBB-275	Pearl Highlands Pkg. Str./BTC Crstr.	0	0	0	0	0	0	0	0	0	0	0	0%
DBB-470	Airport Station Group Crstr.	0	0	0	0	0	0	0	0	0	0	0	0%
DBB-505	Airport Section Utilities Crstr.	0	0	0	0	0	0	0	0	0	0	0	0%
DBB-510	City Center Section Utilities Crstr.	0	0	0	0	0	0	0	0	0	0	0	0%
DBB-520	Airport-City Center Guideway Crstr.	0	0	0	0	0	0	0	0	0	0	0	0%
DBB-580	Dillingham/Kaka'ako S.D. Construction	0	0	0	0	0	0	0	0	0	0	0	0%
DBB-600	UHWO PNR/Hoopili Stn Finishes Crstr.	0	0	0	0	0	0	0	0	0	0	0	0%
DBO M-920	Core Systems Design/Built D/M	573,782,793	56,644	573,839,437	37,975,035	573,839,437	37,975,035	27,064,130	27,064,130	27,064,130	0	27,064,130	5%
FD-140	West Oahu Station Group Final Design	7,783,000	0	7,783,000	4,543,98	7,783,000	4,543,98	2,686,127	2,686,127	2,686,127	0	2,686,127	35%
FD-240	Farrington Highway Stations Group FD	5,500,696	2,507,349	8,008,045	7,711,060	8,008,045	7,711,060	6,732,075	6,732,075	6,732,075	0	6,732,075	84%
FD-245	Pearl Highlands Pkg. Str./BTC FD	0	0	0	0	0	0	0	0	0	0	0	0%
FD-340	Kamehameha Hwy Station Group H2R2 FD	8,702,592	0	8,702,592	3,024,525	8,702,592	3,024,525	1,859,113	1,859,113	1,859,113	0	1,859,113	21%
FD-490	Airport Sect. Guideway/Utilities FD	38,840,960	275,000	39,115,960	31,341,791	39,115,960	31,341,791	17,404,742	17,404,742	17,404,742	0	17,404,742	44%
FD-440	Airport Station Group FD	10,177,365	0	10,177,365	2,878,543	10,177,365	2,878,543	2,780,334	2,780,334	2,780,334	0	2,780,334	27%
FD-530	City Center Guideway/Utilities FD	49,848,220	0	49,848,220	15,949,421	49,848,220	15,949,421	5,474,095	5,474,095	5,474,095	0	5,474,095	12%
FD-550	Dillingham and Kaka'ako S.G. FD	0	0	0	0	0	0	0	0	0	0	0	0%
FD-600	UHWO Pkg. Hoopili Station Finishes FD	0	0	0	0	0	0	0	0	0	0	0	0%
HRT-200	HART Labor	19,251,942	0	19,251,942	0	19,251,942	0	19,251,942	0	19,251,942	0	19,251,942	100%
HRT-201	HART ODC	633,047	0	633,047	0	633,047	0	633,047	0	633,047	0	633,047	100%
M1-930	Elevators & Escalators Install/Maint	0	0	0	0	0	0	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)

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Costs Reported as of Month Ending: March 2013
Project Monthly Cost Report by Contract - One Line Summary

CPP No	Title	A		B		C=A+B		D		E		F	
		Original	Changes	COMMITTED	Changes	Current*	AFE**	AFE**	Incurred To Date	INCURRED	PERCENT	PERCENT	
MM-280	WOFH/KHS D.CE&I	0	0	0	0	0	0	0	0	0	0	0	0%
MM-385	Pearl Highlands Garage and Ramps CEI	0	0	0	0	0	0	0	0	0	0	0	0%
MM-500	Airport-City Center Utilities CEI	0	0	0	0	0	0	0	0	0	0	0	0%
MM-525	Airport-City Center Guideway CEI	0	0	0	0	0	0	0	0	0	0	0	0%
MM-530	Airport/Dillingham/Kaka'ako SG CE&I	0	0	0	0	0	0	0	0	0	0	0	0%
MM-600	UHW/O Pkg-Hoopili Stn Finishes CEI	0	0	0	0	0	0	0	0	0	0	0	0%
MM-900	Program Mgt. Support Constt (PM SC-1)	36,727,162	0	36,727,162	0	36,727,162	20,700,000	20,700,000	20,643,968	56%			
MM-901	Program Mgt. Support Constt (PM SC-2)	33,376,897	0	33,376,897	0	33,376,897	112,407,900	9,609,797	29%				
MM-905	MM-905 Gen Engng Constt EIS/PE	0	78,564,842	78,564,842	0	78,564,842	150,000,000	73,622,452	94%				
MM-910	MM-910 Gen Engng Constt FD-Construct	150,000,000	0	150,000,000	0	150,000,000	96,394,136	64%					
MM-915	HDOT Traffic Mgmt. Consult.	1,600,000	-600,000	1,000,000	0	1,000,000	500,000	343,911	34%				
MM-920	HDOT Coordination Constt WOFH	3,000,000	7,500,000	10,500,000	0	10,500,000	6,000,000	4,448,149	42%				
MM-921	HDOT Coordination Constt KHG	10,000,000	-1,400,000	8,600,000	0	8,600,000	4,000,000	232,092	3%				
MM-922	HDOT Coord. Constt. Airport	12,000,000	-5,600,000	6,400,000	0	6,400,000	3,000,000	583,216	9%				
MM-923	HDOT Coordination Constt City Center	0	0	0	0	0	0	0	0	0%			
MM-925	HDOT Labor - Highway Group	100,000	0	100,000	0	100,000	100,000	88,691	89%				
MM-926	HDOT Labor - Airport Group	0	0	0	0	0	0	0	0	0%			
MM-930	HDOT State S.O.A. Manager & Consultant	1,272,400	583,142	1,855,542	0	1,855,542	905,435	142,024	8%				
MM-935	Real Estate Consultant	3,000,000	0	3,000,000	0	3,000,000	13,403,930	258,205	9%				
MM-940	Kako'o Consultant	1,000,000	0	1,000,000	0	1,000,000	284,038	118,249	12%				
MM-945	On-Call Contractor	0	0	0	0	0	0	0	0	0%			
MM-946	On-Call Hazmat Removal Contractor	3,000,000	0	3,000,000	0	3,000,000	1,000,000	205,393	7%				
MM-950	OCIP Consultant	1,250,000	0	1,250,000	0	1,250,000	437,500	359,375	29%				
MM-951	Owner-Controlled Insurance Program	0	0	0	0	0	0	0	0	0%			
MM-975	LEED Commissioning Services for MSF	278,630	0	278,630	0	278,630	278,630	58,660	21%				
OTHER	Project Wide	0	0	0	0	0	0	0	0	0%			
PA-101	Programmatic Agreement Humanities	0	0	0	0	0	0	0	0	0%			
PA-102	Programmatic Agreement HP C	0	0	0	0	0	0	0	0	0%			
PA-103	Programmatic Agreement HP C Park Inpr	0	0	0	0	0	0	0	0	0%			
ROW	Real Estate / Right-of-Way	39,809,766	0	39,809,766	0	39,809,766	0	39,809,766	100%				

* Current Committed = Original Contract + CCO/Amendment
 ** AFE = Authorized For Expenditure (Latest NTP Amounts or equal to current commitment Plus Executed Change Orders/Amendments)



Costs Reported as of Month Ending: March 2013
Project Monthly Cost Report by Contract - One Line Summary

Page: 3 of 3

CPP No.	Title	A	B	C=A+B	D	E	F
		Original	COMMITTED Changes	Current *	AFE**	Incurred To Date	PERCENT %
UTIL	Utilities by Utility Companies	25,576,313	150,000	25,726,313	3,959,000	2,838,094	10%
Total Project:		2,098,568,532	161,218,278	2,259,776,810	1,076,560,179	655,924,422	

* Current Committed = Original Contract + COO/Amendment
 ** AFE = Authorized For Expenditure (Latest NTP Amounts or equal to current commitment Plus Executed Change Orders/Amendments)

Figure 9. Project Costs by SCC – Summary



HART
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Costs Reported as of Month Ending: March 2013

Project Monthly Cost Report by SCC Summary

Page: 1 of 1

SCC	Title	A		B		C-A+B		D	E	F	G	H-C-G	I
		Baseline	Transfers	BUDGET	COMMITTED	Current	Current						
1. Subtotal 10 - 80 SCC Costs													
10	Guideway & Track Elements	1,114,215,147	20,106,633	1,134,321,780	520,526,363	10,765,802	435,555	1,134,321,780	0	0	1,134,321,780	0	26,152,929
20	Stations, Stops, Terminals, Intermodal	421,804,740	(21,400,000)	400,404,740	0	0	0	400,404,740	0	0	400,404,740	0	0
30	Support Facilities: Yards, Shops, A	92,535,015	9,414,376	101,949,391	101,949,391	5,605,727	0	101,949,391	0	0	101,949,391	0	4,795,318
40	Site work & Special Conditions	883,178,121	(46,113,209)	937,064,912	523,932,913	61,229,153	(20,200,783)	937,064,912	0	0	937,064,912	0	210,350,113
50	Systems	221,284,301	(682,848)	220,601,453	205,441,240	59,020	0	220,601,453	0	0	220,601,453	0	0
60	ROW, Land, Existing Improvement	197,397,947	277,800	197,675,747	49,087,566	933,730	0	197,675,747	0	0	197,675,747	0	40,345,772
70	Vehicles	186,829,020	3,199,277	190,028,297	190,028,297	0	0	190,028,297	0	0	190,028,297	0	212,900
80	Professional Services	1,087,830,119	(17,975,040)	1,069,855,079	669,402,784	84,973,450	(16,706,467)	1,069,855,079	0	0	1,069,855,079	0	374,077,390
Subtotal:	4,305,074,410	(53,173,011)	4,251,901,399	2,254,388,555	163,586,882	(38,471,695)	4,251,901,399	0	0	0	655,924,422	0	655,924,422
2. NTP													
NTP	Authorized For Expenditure	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal:	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Contingency													
CNTR	Contingency	541,689,343	53,173,011	594,862,354	5,388,254	(6,18,134)	283,083,590	594,862,354	0	0	594,862,354	0	0
PRJ	Contingency	101,871,170	0	101,871,170	0	0	0	101,871,170	0	0	101,871,170	0	0
Subtotal:	643,560,513	53,173,011	696,733,524	5,388,254	(6,18,134)	283,083,590	696,733,524	0	0	0	0	0	0
4. Finance Charges - Eligible													
OTH	Finance Charges	173,058,243	0	173,058,243	0	0	0	173,058,243	0	0	173,058,243	0	0
Subtotal:	173,058,243	0	173,058,243	0	0	0	173,058,243	0	0	0	0	0	0
FTA TOTAL PROJECT COSTS 5,121,693,166													
		0	5,421,693,166	2,259,776,810	1,076,580,179	244,611,895	5,121,693,166	0	0	0	655,924,422	0	655,924,422
4. Finance Charges - Ineligible Costs													
FINC	Finance Charges	42,000,000	0	42,000,000	0	0	0	42,000,000	0	0	42,000,000	0	0
Subtotal:	42,000,000	0	42,000,000	0	0	0	42,000,000	0	0	0	0	0	0
INELIGIBLE COSTS													
		0	42,000,000	0	0	0	42,000,000	0	0	0	0	0	0
Total Project:	5,163,693,166	0	5,163,693,166	2,259,776,810	1,076,580,179	244,611,895	5,163,693,166	0	0	0	655,924,422	0	655,924,422

* 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 + Changes Identified

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Costs Reported as of Month Ending: March 2013
Project Monthly Cost Report SCC Level 2

SCC	Title	A		B		C=A+B		D		E		F		G		H=C-G		I
		Baseline	Transfers	BUDGET	Transfers	Current	COMMITTED	Current	COMMITTED	Current	AFE**	AFE**	Changes ID'd**	Est. At Completion**	Variance	Incurred To Date		
1. Subtotal 10 - 80 SCC Costs																		
50	Systems	221,284,301	(682,848)	220,601,453	205,441,240	220,601,453	0	220,601,453	0	0	0	220,601,453	0	0	0	0	0	0
50.06	Fare collection system and equipment	9,159,277	58,822	9,218,099	9,218,099	9,218,099	0	9,218,099	0	0	0	9,218,099	0	0	0	0	0	0
50.07	Central Control	3,613,827	(160,036)	3,453,791	3,453,791	3,453,791	0	3,453,791	0	0	0	3,453,791	0	0	0	0	0	0
60	ROW, Land, Existing Improvement	197,997,947	277,800	197,675,747	43,087,566	197,675,747	0	197,675,747	0	0	0	197,675,747	0	0	0	0	0	40,345,772
60.01	Purchase or lease of real estate	179,360,664	0	179,360,664	38,094,545	179,360,664	0	179,360,664	0	655,930	0	179,360,664	0	0	0	0	0	38,094,545
60.02	Relocation of existing households	18,037,283	277,800	18,315,083	4,993,022	18,315,083	0	18,315,083	0	933,730	0	18,315,083	0	0	0	0	0	2,251,227
70	Vehicles	186,829,020	3,199,277	190,028,297	190,028,297	190,028,297	0	190,028,297	0	0	0	190,028,297	0	0	0	0	0	212,900
70.01	Light Rail	166,721,386	4,400,867	171,122,253	171,122,253	171,122,253	0	171,122,253	0	0	0	171,122,253	0	0	0	0	0	0
70.06	Non-revenue vehicles	14,346,923	(1,320,375)	13,026,548	13,026,548	13,026,548	0	13,026,548	0	0	0	13,026,548	0	0	0	0	0	212,900
70.07	Spare parts	5,760,711	118,885	5,879,596	5,879,596	5,879,596	0	5,879,596	0	0	0	5,879,596	0	0	0	0	0	0
80	Professional Services	1,087,830,119	(17,875,040)	1,069,955,079	689,402,784	1,069,955,079	0	1,069,955,079	0	(18,706,467)	0	1,069,955,079	0	0	0	0	0	374,077,390
80.01	Preliminary Engineering	94,055,262	23,898,043	117,953,305	108,820,986	117,953,305	0	117,953,305	0	20,425,183	0	117,953,305	0	0	0	0	0	109,593,849
80.02	Final Design	228,321,632	(41,337,108)	186,984,524	151,352,160	186,984,524	0	186,984,524	0	969,894	283,243	186,984,524	0	0	0	0	0	44,256,650
80.03	Project Management Design & Cons	363,848,768	(1,366,807)	362,481,961	271,829,885	362,481,961	0	362,481,961	0	62,493,796	(17,323,901)	362,481,961	0	0	0	0	0	179,556,845
80.04	Const. Admin. & Management	199,656,728	(1,376,800)	198,279,928	35,665,055	198,279,928	0	198,279,928	0	717,721	0	198,279,928	0	0	0	0	0	28,816,307
80.05	Professional Liability & other ins	46,549,724	(3,561,230)	42,988,494	1,754,560	42,988,494	0	42,988,494	0	628,521	(900,000)	42,988,494	0	0	0	0	0	851,311
80.06	Legal: Permits/Review Fees ect..	67,641,005	32,777	67,673,782	31,797,428	67,673,782	0	67,673,782	0	710,941	0	67,673,782	0	0	0	0	0	6,783,290
80.07	Surveys, Testing, Investigation, I	21,759,936	7,128,678	28,888,614	20,075,644	28,888,614	0	28,888,614	0	194,521	(775,809)	28,888,614	0	0	0	0	0	2,491,776
80.08	Start up	65,996,664	(1,192,593)	64,804,071	47,907,069	64,804,071	0	64,804,071	0	194,521	0	64,804,071	0	0	0	0	0	1,727,363
NT	Authorized For Expenditure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NTP	Notice To Proceed	0	0	0	0	0	0	0	0	913,611,481	0	913,611,481	0	0	0	0	0	0
Subtotal:		4,305,074,410	(53,173,011)	4,251,901,399	2,254,388,555	4,251,901,399	0	4,251,901,399	0	1,077,198,313	(38,471,635)	4,251,901,399	0	0	0	0	0	655,324,422
2. Contingency																		
2.	CONTR Contingency	541,689,343	33,173,011	594,862,354	5,388,254	594,862,354	0	594,862,354	0	283,083,590	0	594,862,354	0	0	0	0	0	0
90.02	Allocated Contract Contingency	540,101,329	4,893,238	544,994,567	0	544,994,567	0	544,994,567	0	0	0	544,994,567	0	0	0	0	0	0
90.03	Allowances	1,588,014	3,800,240	5,388,254	5,388,254	5,388,254	0	5,388,254	0	(618,134)	0	5,388,254	0	0	0	0	0	0
90.07	Known Change Contingency	0	44,489,533	44,489,533	0	44,489,533	0	44,489,533	0	0	0	44,489,533	0	0	0	0	0	0
PRJ	Contingency	101,871,170	0	101,871,170	0	101,871,170	0	101,871,170	0	0	0	101,871,170	0	0	0	0	0	0
90.01	Unallocated Project Contingency	101,871,170	0	101,871,170	0	101,871,170	0	101,871,170	0	0	0	101,871,170	0	0	0	0	0	0
Subtotal:		643,560,513	53,173,011	696,733,524	5,388,254	696,733,524	0	696,733,524	0	(618,134)	0	696,733,524	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 + Changes Identified



Costs Reported as of Month Ending: March 2013
Project Monthly Cost Report SCC Level 2

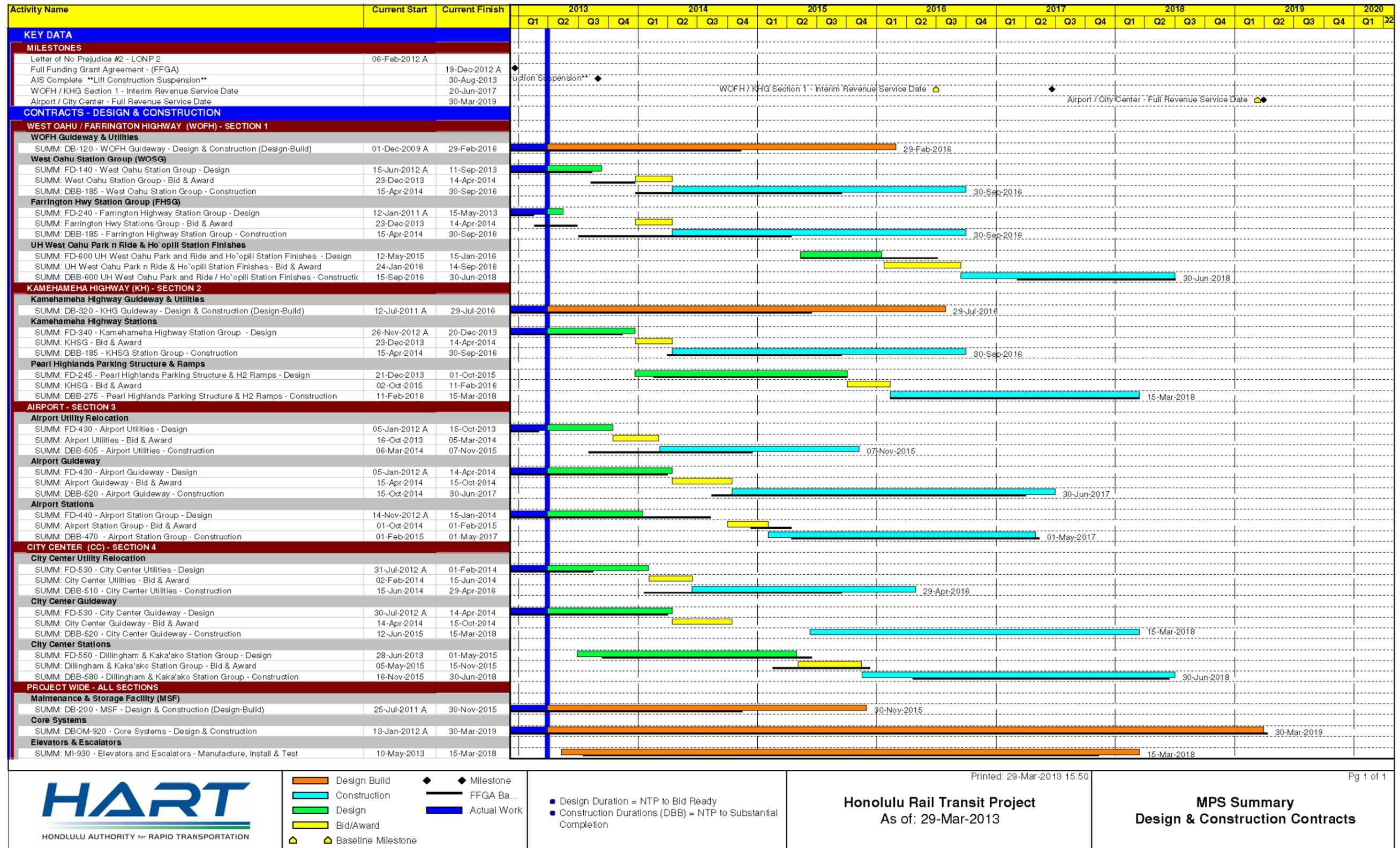
SCC	Title	A		B		C-A+B		D		E		F		G		H=C-G		I	
		Baseline	Transfers	BUDGET	Transfers	Current	COMMITTED	Current	AFE**	AFE**	Changes ID'd***	Est. At Completion****	Variance	Incurred To Date					
3. Finance Charges - Eligible																			
OTH	Finance Charges	173,058,243	0	0	173,058,243	0	0	0	0	0	0	0	0	173,058,243	0	0	0	0	
100.1	Finance Charges: Project-Eligible	173,058,243	0	0	173,058,243	0	0	0	0	0	0	0	0	173,058,243	0	0	0	0	
Subtotal:		173,058,243	0	0	173,058,243	0	0	0	0	0	0	0	0	173,058,243	0	0	0	0	
FTA TOTAL PROJECT COSTS		5,124,693,166	0	0	5,124,693,166	2,259,776,810	1,076,580,179	2,448,614,895	5,124,693,166	0	0	0	0	655,924,422	0	0	0	0	
4. Finance Charges - Ineligible Costs																			
FINC	Finance Charges	42,000,000	0	0	42,000,000	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	0	42,000,000	0	0	0	0	0	0	0	0	42,000,000	0	0	0	0	
Subtotal:		42,000,000	0	0	42,000,000	0	0	0	0	0	0	0	0	42,000,000	0	0	0	0	
INELIGIBLE COSTS		42,000,000	0	0	42,000,000	0	0	0	0	0	0	0	0	42,000,000	0	0	0	0	
Total Project:		5,163,693,166	0	0	5,163,693,166	2,259,776,810	1,076,580,179	2,448,614,895	5,163,693,166	0	0	0	0	655,924,422	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 + Changes Identified

2.3 Project Schedule

The H RTP Master Project Schedule (MPS) has been updated as of March 29, 2013 as shown in the Master Project Schedule Summary (MPSS) in Figure 11 starting on the next page. This was stasured against the FFGA Baseline MPS. The baseline and actual/planned durations of each contract are displayed for comparison.

Figure 11. H RTP Master Project Schedule Summary (MPSS)



2.4 Contingency Management

The Risk and Contingency Management Plan (RCMP) has been revised for the FFGA and is in final states of review and completion. It is consistent with the FFGA submittals, including the CPP, MPS, Project Budget and Financial Plan. As part of the final review, the cost and schedule contingency drawdown curves were updated. 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 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.

As discussed in Section 2.1, the Current Project Contingency Budget is \$652.2M. Contingency is affected by the following:

- 1) The budgeted amount for a contract package is lower or higher than the actual executed contract amount. Contingency will increase if the difference between the budgeted and actual contract amounts is lower, and vice versa if the difference is higher.
- 2) Increase of a contract amount through the execution of a change order or contract amendment. The appropriate contingency category amount is decreased and transferred to the appropriate SCC.
- 3) Transfer work scope, e.g. utility relocation, between contract packages through a change order. The scope value from one contract is decreased and transferred to Contingency. Contingency is then decreased by the scope value and transferred to the other contract. Contingency is used as a “holding account” in this instance.
- 4) Revisions to contract packaging. It is anticipated that the consolidation of future contract packages into a single contract package would result in a budget savings due to the resulting efficiencies from reducing redundant overhead costs. Budget savings would be transferred to Contingency.
- 5) Utilization of allowance in design contracts. The allowance amount to be utilized will decrease this contingency category and will be transferred to the appropriate SCC.

During the March 2013 cost reporting period, HART executed one change order for approximately \$.520M on the Maintenance Storage Facility Design-Build contract (DB-200), \$.465M of the change order draws against the Project Contingency, the remaining \$.05M draws down the “known” changes balance of contingency. A Contract Amendment for \$3,885 was also executed on the Farrington Highway Stations Group Final Design which also draws down on Project Contingency. The net result of the executed Change Order on Allocated Contingency and budget saving transfers for this period results in \$652.2M Current Project Contingency Budget as detailed in Section 2.1.

HART and the PMOC continue to hold a monthly breakout session to review changes being considered for each contract. Changes are classified as pending, probable or potential and are summarized as Changes ID'd (Changes Identified) in Project Cost reports. 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.

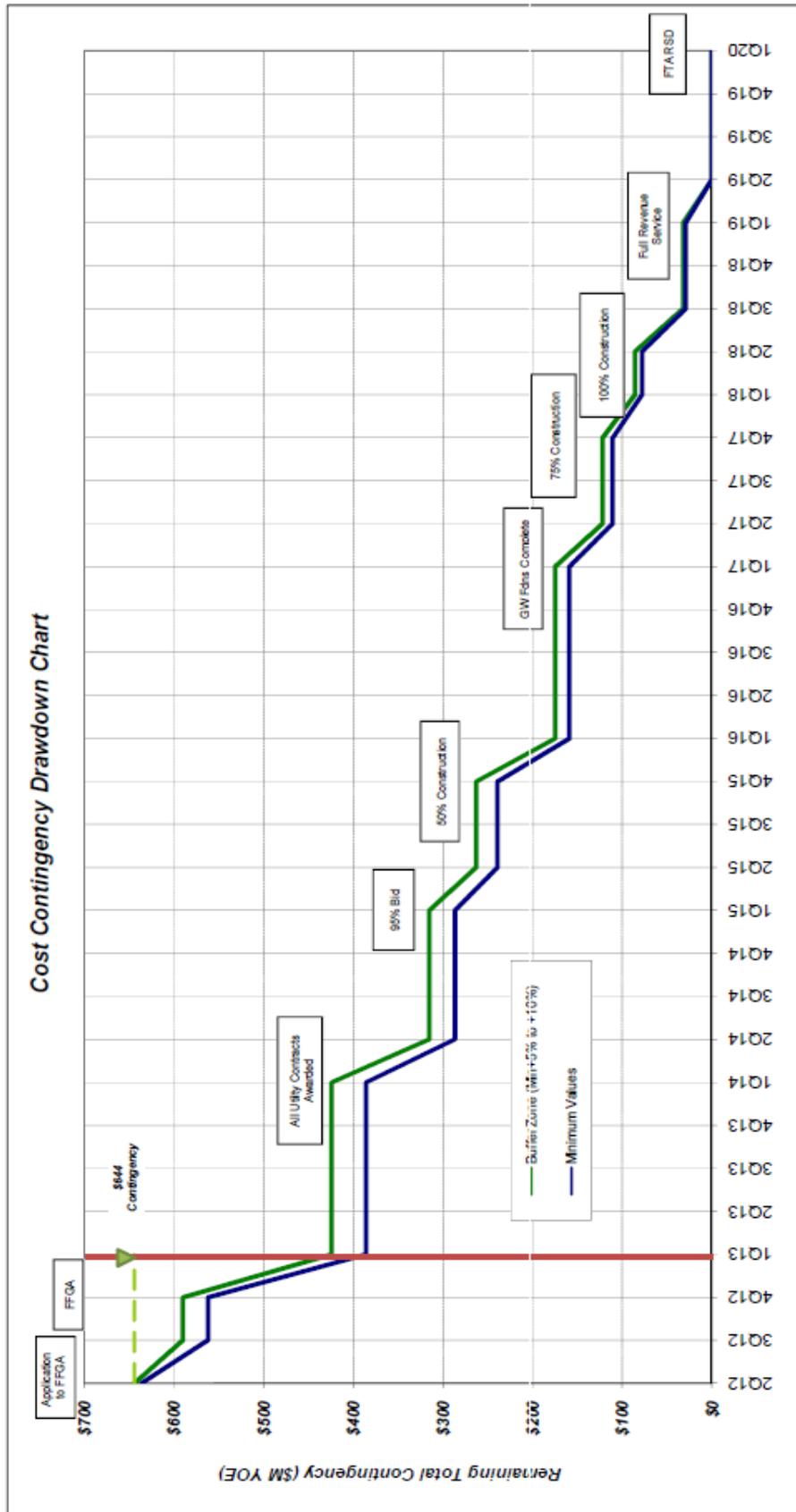
HART continually manages the strategy to avoid or mitigate as well as plan the timing of any potential changes. Breakout session discussions focus on opportunities to reduce costs and accelerate contract-

scheduled activities to attain key milestones earlier than targeted. The session concludes 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.

The Cost Contingency Drawdown Curve, subject to FTA/PMOC review as part of the RCMP revision process, is presented in Figure 12 on the next page. As of this reporting period, none of the executed change orders reduced the Baseline Budget Contingency amount under \$644M.

Known Changes, though tracked separately from the Project Contingency established under the FFGA, functions like contingency and is designated SCC 90.03 on the cost reports. In re-baselining the Project Budget for FFGA, HART generated a bottoms-up estimate (BUE) for each work package identified in the CPP, based on the level of design and current pricing of material, equipment, construction labor, professional services, real estate and all other costs. These revised estimates took into account the reduction of contingencies to reflect the advancement of Final Design since the Preliminary Engineering phase, as reflected in the anticipated base cost of each work package with respect to future risk aspects. Contingency was then allocated in accordance with FTA guidelines and current risk modeling methodologies. Included in the base costs were elements that were considered “known” or pending changes, but were still subject to final negotiations with contractors and execution of change orders. The result was the shifting of contingency budget to the respective contract base estimates as appropriate. The net affect was a reduction of approximately \$170M of contingency between the previous Final Design Project Budget and the FFGA Project Budget. This value was “applied” to work packages established under the FFGA and based on the level to which the risk was defined it was either applied as base costs or as a separate contingency for that specific work package which will convert to base costs via change order. Of the \$170M, \$97M was applied as base costs to multiple contracts and \$74M was remaining as “Known” Changes. As it was intended for this reserve, the majority of the change orders executed since the BUE draws against this contingency since these were partially defined already. To date Current Known Changes budget stands at \$44.5M down from the original amount of \$73.9M as shown in Figure 10.

Figure 12. Draft Cost Contingency Drawdown Chart



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 RFQ	SOQs Due	Select BQO	Issue RFP	Submit Proposals	Execute Contract									
Design-Build Contracts																	
DB-120	West Oahu/Farrington Highway Guideway (WOFH) [Kiewit Infrastructure West Company (KIWC)]	CF Act B/L Var	Feb 04 '09 Feb 04 '09 Feb 04 '09 -0-	Mar 13 '09 Mar 13 '09 Mar 13 '09 -0-	Mar 21 '09 Mar 21 '09 Mar 21 '09 -0-	Apr 03 '09 Apr 03 '09 Apr 03 '09 -0-	Aug 28 '09 Aug 28 '09 Aug 28 '09 -0-	Nov 11 '09 Nov 17 '09 Nov 01 '09 (16)	Dec 01 '09 Dec 01 '09 Dec 01 '09 -0-	Mar 11 '10 Mar 11 '10 Mar 11 '10 -0-	Mar 23 '10 Mar 23 '10 Mar 23 '10 -0-	Jun 04 '10 Jun 04 '10 Jun 04 '10 -0-	Mar 03 '11 Mar 03 '11 Dec 08 '10 (85)	May 24 '11 May 24 '11 Mar 15 '11 (70)	Feb 06 '12 Feb 06 '12 Feb 06 '12 -0-	Feb 29 '16 Jan 31 '15 (394)	NTP1: Pre-PE; NTP1A: Geotech (03/11/10); NTP1B: Interim Design/Prelim Engrg (03/23/10); NTP1C: Test Shafts (06/04/10); NTP2: Utilities; NTP3: Final Design; NTP4A: Construction w/o Casting Yd (02/06/12) Substan'l Compl'n = February 2016
DB-200	Maintenance and Storage Facility (MSF) [Kiewit/Kobayashi Joint Venture (KKJV)]	CF Act B/L Var	May 29 '09 May 29 '09 May 29 '09 -0-	Jul 02 '09 Jul 02 '09 Jul 02 '09 -0-	Jul 17 '09 Jul 17 '09 Jul 17 '09 -0-	Jul 24 '09 Jul 24 '09 Jul 24 '09 -0-	Feb 17 '10 Feb 17 '10 Feb 17 '10 -0-	Jun 30 '11 Jun 30 '11 Jun 30 '11 -0-	Jul 25 '11 Jul 25 '11 Mar 05 '11 (142)	---	---	---	Jan 10 '12 Jan 10 '12 Sep 03 '11 (129)	Feb 07 '12 Feb 07 '12 Feb 07 '12 -0-	---	Nov 30 '15 Jan 05 '15 (329)	NTP1: Prelim Engrg; NTP2: Final Design; NTP3: Construction Substan'l Compl'n = November 2015
DB-320	Kamehameha Guideway (KHG) [Kiewit Infrastructure West Company (KIWC)]	CF Act B/L Var	Nov 18 '09 Nov 18 '09 Nov 18 '09 -0-	Jan 05 '10 Jan 05 '10 Jan 05 '10 -0-	Feb 15 '10 Feb 15 '10 Feb 15 '10 -0-	Mar 19 '10 Mar 19 '10 Mar 19 '10 -0-	Oct 07 '10 Oct 07 '10 Oct 07 '10 -0-	Jun 30 '11 Jun 30 '11 Apr 19 '11 (72)	Jul 12 '11 Jul 12 '11 Apr 23 '11 (80)	---	---	---	Jan 16 '12 Jan 10 '12 Sep 03 '11 (129)	Feb 07 '12 Feb 07 '12 Feb 07 '12 -0-	---	Jul 29 '16 Jul 01 '15 (394)	NTP1: Prelim Engrg; NTP2: Final Design; NTP3A: Construction (02/07/12) Substan'l Compl'n = July 2016
Design-Bid-Operate-Maintain Contract																	
DBOM-920	Core Systems Contract [Ansaldo Honolulu JV]	CF Act B/L Var	Apr 09 '09 Apr 09 '09 Apr 09 '09 -0-	Jun 05 '09 Jun 05 '09 Jun 05 '09 -0-	Jul 15 '09 Jul 15 '09 Jul 15 '09 -0-	Aug 17 '09 Aug 17 '09 Aug 17 '09 -0-	Jun 07 '10 Jun 07 '10 Jun 07 '10 -0-	Nov 28 '11 Nov 28 '11 Feb 26 '11 (275)	Jan 13 '12 Jan 13 '12 Mar 03 '11 (316)	---	---	---	Jul 15 '12 Jul 05 '12 Jun 01 '12 (34)	Apr 15 '13 Apr 15 '13 Apr 15 '13 -0-	---	Mar 31 '19 Mar 31 '19 Mar 31 '19 -0-	
Manufacture-Install-Test-Maintain																	
MI-930	Elevators and Escalators	CF Act B/L Var	Aug 17 '12 Aug 20 '12 Sep 15 '12 +26	Oct 25 '12 Oct 25 '12 Oct 30 '12 +5	Nov 08 '12 Nov 09 '12 Dec 15 '12 +36	Dec 17 '12 Dec 18 '12 Jan 15 '13 +28	Feb 22 '13 Feb 22 '13 Mar 15 '13 +21	May 10 '13 Jun 15 '13 Jun 15 '13 +36	May 10 '13 Jul 15 '13 Jul 15 '13 +66	---	---	---	Jan 15 '15 Jan 15 '15 Jan 15 '15 -0-	Mar 15 '16 Mar 15 '16 Mar 15 '16 -0-	---	Mar 15 '18 Nov 09 '17 (126)	Installation of first elevator is planned to occur at Leeward Comm College Station Mar '15. NTP1: Design/Interface Coordination; NTP2: Manufacturing; NTP3 Installation/Testing Addendum No. 9; Part 2 Issued 01/25/13

[Successful Contractor]

* Schedule Reference:

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

Notes:

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

Baselined (as reflected in the Master Project Schedule, Revision 4, March 30, 2012)

Figure 14. 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		
Final Design Agreements														
FD-240	Farrington Highway Station Final Design [HDR Engineering, Inc.]	CF Act B/L Var	Oct 02 '09 Oct 02 '09 Oct 02 '09 -0-	Nov 19 '09 Nov 19 '09 Nov 19 '09 -0-	-0-	-0-	Feb 15 '10 Feb 15 '10 Feb 15 '10 -0-	Apr 15 '10 Apr 15 '10 Apr 15 '10 -0-	Jan 14 '11 Jan 14 '11 Jan 14 '11 -0-	May 15 '13 Feb 15 '13 Feb 15 '13 (89)	Dec 31 '15 May 30 '15 May 30 '15 (215)	NTP 1b: 7/13/2012 - PE Design (A) NTP 2: (initial 07/29/2011)(limited work 12/15/2011) - Interim Design (A) NTP 2: (final 02/13/2012) - Interim Design (A) NTP 3: 01/28/2013 - Final Design (A)		
FD-140	West Oahu Station Group Final Design [URS Corp.]	CF Act B/L Var	Jan 14 '10 Jan 14 '10 Jan 14 '10 -0-	-0-	-0-	Feb 08 '12 Feb 08 '12 Feb 11 '11 (362)	May 29 '12 Jun 14 '12 May 29 '12 (16)	Jun 08 '12 Jun 15 '12 Jun 08 '12 (7)	Sep 11 '13 Aug 11 '13 Aug 11 '13 (31)	Jun 30 '16 Oct 30 '15 Oct 30 '15 (244)	NTP 1a: 06/15/2012 - SoM, Workshop, Design Sch (A) NTP 1b: 09/06/2012 - PE Design (A) NTP 2: 01/04/2013 - Interim Design (A) NTP 3: 06/08/2013 - Final Design (CF)			
FD-340	Kamehameha Highway Station Group Final Design (includes H2/R2 Ramp) [Anil Verma Assoc, Inc.]	CF Act B/L Var	Jun 28 '11 Jun 28 '11 Jun 28 '11 -0-	Aug 04 '11 Aug 04 '11 Aug 04 '11 -0-	Sep 28 '11 Sep 28 '11 Sep 28 '11 -0-	Oct 19 '11 Aug 20 '12 Oct 19 '11 (306)	Mar 02 '12 Nov 12 '12 Aug 31 '12 (185)	Nov 12 '12 Nov 26 '12 Nov 16 '12 (161)	Nov 26 '12 Nov 26 '12 Nov 26 '12 (157)	Dec 20 '13 Nov 15 '13 Nov 15 '13 (35)	Oct 31 '16 Aug 29 '15 Aug 29 '15 (429)	NTP 1a: 11/26/2012 - SoM, Workshop, Design Schedule (A) NTP 1b: 02/07/2013 - PE Design (CF) NTP 2: 04/29/2013 - Interim Design (CF) NTP 3: 09/06/2013 - Final Design (CF)		
FD-430	Airport Section Guideway and Utilities Final Design [AECOM Tech Svcs, Inc.]	CF	Utilities									Oct 15 '13		
		Act	Jan 26 '11	Mar 14 '11	Apr 09 '11	Jun 09 '11	Sep 20 '11	Dec 22 '11	Jan 05 '12	Jan 05 '12	Mar 01 '13	Jun 30 '17	NTP 1a: 01/05/2012 - SoM, Workshop, Design Schedule (A) NTP 1b: 02/22/2012 - Updating the PE (A) NTP 2: 07/23/2012 - Interim Design (A) NTP 3: (Util) 08/07/2013 - Final Design (CF) NTP 3: (GW) 08/07/2013 - Final Design (CF)	
FD-530	City Center Section Guideway and Utilities Final Design [AECOM Tech Svcs, Inc.]	B/L	Jan 26 '11	Mar 14 '11	Apr 09 '11	Jun 09 '11	Sep 20 '11	Jul 31 '11	Aug 01 '11	Apr 14 '14	May 01 '18	(305)		
		Var	-0-	-0-	-0-	-0-	+41,327	(144)	(157)	Apr 01 '14				
FD-440	Airport Station Group Final Design [AECOM Tech Svcs, Inc.]	CF	Guideway									Feb 01 '14		
		Act	Dec 16 '11	Feb 09 '12	Apr 04 '12	May 11 '12	Jun 05 '12	Aug 01 '12	Jul 30 '12	Jul 31 '12	Aug 15 '13	Apr 30 '18	NTP 1a: 07/31/2012 - SoM, Workshop, Design Schedule (A) NTP 1b: 10/26/2012 - Updating the PE (A) NTP 2: (Util) 04/14/2013 - Interim Design (CF) NTP 2: (GW) 04/14/2013 - Interim Design (CF) NTP 3: (Util) 09/21/2013 - Final Design (CF) NTP 3: (GW) 12/20/2013 - Final Design (CF)	
FD-550	Dillingham and Kaka'ako Station Groups ("East Side Stations") Final Design [Airport Station Group not included]	B/L	Dec 16 '11	Feb 09 '12	Apr 04 '12	May 11 '12	Jun 05 '12	Jul 18 '12	Aug 01 '12	Apr 14 '14	May 01 '18	(1)		
		Var	-0-	-0-	-0-	-0-	-0-	(12)	+1	Apr 01 '14				
FD-440	Airport Station Group Final Design [AECOM Tech Svcs, Inc.]	CF Act B/L Var	Mar 30 '12 Mar 30 '12 Mar 30 '12 -0-	May 10 '12 May 10 '12 May 10 '12 -0-	Jun 21 '12 Jun 14 '12 Jun 21 '12 +7	Jul 10 '12 Jul 10 '12 Jul 21 '12 +11	Aug 14 '12 Aug 14 '12 Aug 23 '12 +9	Nov 01 '12 Nov 07 '12 Oct 12 '12 (26)	Nov 02 '12 Nov 14 '12 Oct 26 '12 (19)	Jan 15 '14 Apr 01 '14 Apr 01 '14 +76	Jul 15 '17 Jul 29 '17 Jul 29 '17 -0-	NTP 1a: 11/14/2012 - SoM, Workshop, Design Schedule (A) NTP 1b: 01/04/2013 - PE Design (A) NTP 2: 05/03/2013 - Interim Design (CF) NTP 3: 09/30/2013 - Final Design (CF)		
Re-Pkg FD-550	Dillingham and Kaka'ako Station Groups ("East Side Stations") Final Design [Airport Station Group not included]	CF Act B/L Var	Nov 15 '12 Nov 16 '12 Dec 15 '12 +29	Dec 18 '12 Dec 18 '12 Feb 18 '13 +62	Feb 18 '13 Feb 18 '13 Apr 24 '13 +65	Mar 06 '13 Mar 06 '13 May 31 '13 +86	Apr 10 '13 Jun 30 '13 Jun 30 '13 +81	Jun 17 '13 Aug 29 '13 Aug 29 '13 +73	Jun 28 '13 Sep 12 '13 Sep 12 '13 +76	May 01 '15 Jun 15 '15 Jun 15 '15 +45	Jul 30 '18 Sep 14 '18 Sep 14 '18 +46	Combines two (2) station design contracts: FD-540 and FD-545. Includes the eight (8) stations from Kalihi to Ala Moana Center.		
FD-245	Pearl Highlands Parking Structure/ Bus Transit Center Final Design (includes H2/R1 Ramp)	CF Act B/L Var	Apr 15 '13 Jun 30 '13 Jun 30 '13 +76	May 30 '13 Aug 14 '13 Aug 14 '13 +76	Jul 14 '13 Sep 28 '13 Sep 28 '13 +76	Aug 20 '13 Nov 04 '13 Nov 04 '13 +76	Sep 19 '13 Dec 04 '13 Dec 04 '13 +76	Nov 18 '13 Feb 02 '14 Feb 02 '14 +76	Dec 21 '13 Feb 16 '14 Feb 16 '14 +57	Oct 01 '15 Oct 01 '15 Oct 01 '15 -0-	Apr 29 '18 Apr 29 '18 Apr 29 '18 -0-			
FD-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes Final Design	CF Act B/L Var	Sep 10 '14 Sep 10 '14 Sep 10 '14 -0-	Dec 08 '14 Dec 08 '14 Dec 08 '14 -0-	Jan 14 '15 Jan 14 '15 Jan 14 '15 -0-	Feb 13 '15 Feb 13 '15 Feb 13 '15 -0-	Apr 14 '15 Apr 14 '15 Apr 14 '15 -0-	Apr 27 '15 Apr 27 '15 Apr 27 '15 -0-	May 12 '15 May 12 '15 May 12 '15 -0-	Jan 15 '16 Jan 15 '16 Jan 15 '16 -0-	Sep 28 '18 Sep 14 '18 Sep 14 '18 (14)			

[Successful Contractor]

* Schedule Reference:

- CF = Current Forecast *AIS Delay Impacts incorporated into the 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

Notes:

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 date reflects final as-built drawing submittals.

Baselined (as reflected in the Master Project Schedule, Revision 4, March 30, 2012)

Figure 15. Procurement: Design-Bid-Build (DBB) Contracts

Procurement Tracking Report									
Design-Bid-Build (DBB) Contracts									
Contract #	Contract Name	Sched Ref*	Bid Ready Dates (Ref.)	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
Design-Bid-Build Contracts									
DBB-505	Airport Section Utilities Construction	CF Act B/L Var	Oct 15 '13 Mar 01 '13 (228)	Nov 01 '13 Mar 29 '13 (217)	Jan 05 '14 May 31 '13 (219)	Feb 28 '14 Jul 15 '13 (228)	Mar 05 '14 Aug 01 '13 (216)	Dec 22 '15 Dec 15 '14 (372)	Airport Utilities Relocation Substantial Completion = Nov 07 '15
DBB-510	City Center Section Utilities Construction	CF Act B/L Var	Feb 01 '14 Aug 15 '13 (170)	Mar 15 '14 Sep 16 '13 (180)	May 15 '14 Nov 15 '13 (181)	Jun 08 '14 Jan 04 '14 (155)	Jun 15 '14 Jan 18 '14 (148)	Jun 13 '16 Sep 15 '15 (272)	City Center Utilities Relocation Substantial Completion = Apr 29 '16
Re-Pkg DBB-185	West Oahu/Farrington Hwy/Kamehameha Hwy Station Groups ("West Side Stations") Construction <i>[Airport Station not included]</i>	CF Act B/L Var	Dec 20 '13 Nov 15 '13 (35)	Jan 15 '14 Dec 16 '13 (30)	Feb 13 '14 Jan 30 '14 (14)	Apr 08 '14 Mar 17 '14 (22)	Apr 15 '14 Mar 31 '14 (15)	Nov 14 '16 Oct 30 '15 (381)	Substantial Completion = Sep 30 '16 Combines three (3) station construction contracts: DBB-170, DBB-270 and DBB-370. Includes the nine (9) stations from East Kapolei to Aloha Stadium plus the H2/R2 Ramp.
DBB-470	Airport Station Group Construction	CF Act B/L Var	Jan 15 '14 Mar 30 '12 (656)	Oct 01 '14 Dec 16 '13 (289)	Dec 01 '14 Jan 30 '14 (305)	Jan 25 '15 Mar 17 '14 (314)	Feb 01 '15 Mar 31 '14 (307)	Jun 15 '17 Aug 29 '15 (656)	Substantial Completion = May 01 '17 Includes the four (4) stations: Pearl Harbor, Airport, Lagoon Drive and Middle Street.
Re-Pkg DBB-580	Dillingham/Kaka'ako Station Groups ("East Side Stations") Construction	CF Act B/L Var	May 01 '15 Jun 15 '15 +45	Jul 15 '15 Jan 05 '15 (191)	Sep 14 '15 Feb 19 '15 (207)	Nov 08 '15 Apr 05 '15 (217)	Nov 15 '15 Apr 19 '15 (210)	Aug 14 '18 Jun 29 '17 (411)	Substantial Completion = Jun 30 '18 Combines two (2) station construction contracts: DBB-570 and DBB-575. Includes the eight (8) stations from Kalihi to Ala Moana Center.
DBB-520	Airport and City Center Sections Guideway Construction	CF Act B/L Var	Apr 14 '14 Jan 15 '16 +641	May 01 '14 May 01 '14 -0-	Aug 15 '14 Jun 16 '14 (60)	Oct 09 '14 Jul 31 '14 (70)	Oct 15 '14 Aug 14 '14 (62)	Apr 29 '18 Jul 01 '18 +63	Airport GW Subst'l Compl'n = Jun 30 '17 City Center GW Subst'l Compl'n = Mar 15 '18
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-	Nov 15 '15 Oct 30 '15 (16)	Dec 14 '15 Dec 14 '15 -0-	Jan 28 '16 Jan 28 '16 -0-	Feb 11 '16 Feb 11 '16 -0-	Apr 29 '18 Apr 29 '18 -0-	Substantial Completion: Mar 15 '18
DBB-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes Construction	CF Act B/L Var	Jan 15 '16 Jan 15 '16 -0-	Mar 15 '16 Feb 15 '16 (29)	Jun 08 '16 Apr 15 '16 (54)	Sep 01 '16 May 30 '16 (94)	Sep 15 '16 Jun 15 '16 (92)	Aug 14 '18 Aug 15 '18 +1	Substantial Completion: Jun 30 '18

[Successful Contractor]

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

* Schedule Reference:

- CF = Current Forecast *AIS Delay Impacts Incorporated into the 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).

Baselined (as reflected in the Master Project Schedule, Revision 4, March 30, 2012)

Figure 16. 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	Constr Advertise for Bids (Ref.)	Contract Completion	Comments
Construction Engineering & Inspection Agreements												
MM-500	Airport & City Center Section Utilities CE&I Services	CF Act B/L Var	Dec 13 '12 Dec 21 '12 Jul 20 '12 (154)	Jan 30 '13 Jan 30 '13 Aug 20 '12 (163)	Mar 28 '13 Mar 20 '13 Sep 10 '12 (199)	Jun 04 '13 Oct 09 '12 Nov 08 '12 (238)	Jul 26 '13 Nov 08 '12 (260)	Sep 24 '13 Dec 13 '12 (285)	Oct 01 '13 Dec 28 '12 (277)	Nov 01 '13 Sep 16 '13 (46)	Jun 13 '16 Oct 30 '15 (227)	NTP is based on the schedule for the Airport Section Utilities Construction contract (DBB-505). Addendum No. 1 issued Jan 21 '13.
Re-Pkg MM-280	West Oahu, Farrington Highway and Kamehameha Highway Station Groups ("West Side Stations") CE&I Services (includes H2/R2 Ramp)	CF Act B/L Var	Jan 22 '13 Jan 23 '13 Feb 13 '13 +21	Mar 14 '13 Mar 14 '13 Mar 15 '13 +1	May 14 '13 Apr 16 '13 (28)	Jul 23 '13 May 16 '13 (68)	Sep 17 '13 Feb 22 '13 (207)	Nov 21 '13 Aug 16 '13 (97)	Dec 02 '13 Sep 16 '13 (77)	Jan 15 '14 Dec 16 '13 (30)	Jun 15 '17 Aug 29 '15 (656)	NTP is based on the schedule for the re-packaged "West Side Stations" Construction contract (DBB-185).
MM-525	Airport and City Center Sections Guideway CE&I Services	CF Act B/L Var	Jul 05 '13 Jul 19 '13 +14	Aug 19 '13 Sep 02 '13 +14	Oct 02 '13 Oct 16 '13 +14	Nov 01 '13 Nov 15 '13 +14	Dec 02 '13 Oct 09 '00 Dec 16 '13 +14	Jan 31 '14 Feb 14 '14 +14	Apr 01 '14 Mar 17 '14 (15)	May 01 '14 May 01 '14 -0-	Jun 13 '18 Aug 15 '18 +63	
Re-Pkg MM-590	Airport, Dillingham and Kaka'ako Station Groups ("East Side Stations") CE&I Services	CF Act B/L Var	Feb 05 '14 May 23 '14 +107	Mar 08 '14 Jun 23 '14 +107	Apr 05 '14 Jul 21 '14 +107	May 04 '14 Aug 19 '14 +107	Jun 03 '14 Sep 18 '14 +107	Aug 02 '14 Nov 17 '14 +107	Sep 01 '14 Dec 17 '14 +107	Oct 01 '14 Jan 05 '15 +96	Aug 14 '18 Jul 30 '18 (15)	NTP is based on the schedule for the Airport Station Group Construction contract (DBB-470).
MM-385	Pearl Highlands Parking Structure/ Bus Transit Center CE&I Services (includes H2/R1 Ramp)	CF Act B/L Var	Mar 20 '15 Jan 05 '15 (74)	Apr 17 '15 Feb 02 '15 (74)	May 18 '15 Mar 05 '15 (74)	Jun 16 '15 Apr 03 '15 (74)	Jul 17 '15 May 04 '15 (74)	Sep 15 '15 Jul 03 '15 (74)	Oct 16 '15 Aug 03 '15 (74)	Nov 15 '15 Oct 30 '15 (16)	Apr 29 '18 Apr 29 '18 -0-	
MM-600	UH West Oahu Park-and-Ride and Ho'opili Station Finishes CE&I Services	CF Act B/L Var	Aug 01 '15 Oct 21 '15 +81	Aug 31 '15 Nov 20 '15 +81	Oct 01 '15 Dec 21 '15 +81	Oct 31 '15 Jan 20 '16 +81	Nov 30 '15 Feb 19 '16 +81	Jan 15 '16 Apr 05 '16 +81	Feb 14 '16 May 05 '16 +81	Mar 15 '16 Feb 15 '16 (29)	Sep 29 '18 Aug 15 '18 (45)	

[Successful Contractor]

* Schedule Reference:

- CF = Current Forecast **AIS Delay Impacts incorporated into the 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: Constr Adv for Bids for Reference.

Schedule Basis: NTP to CE&I Contracts one (1) month prior to Advertise for Construction Bids; Contract completion is three (3) months after Substantial Completion for contract closeout.

Baselined (as reflected in the Master Project Schedule, Revision 4, March 30, 2012)

Figure 17. 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	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
MM-900	Program Management Support Consultant - 1 (PMSC-1) [InfraConsult LLC]	CF Act B/L Var	Jul 15 '09 Jul 15 '09 Jul 15 '09 -0-	Sep 01 '09 Sep 01 '09 Sep 01 '09 -0-		-0-	-0-	-0-	Nov 19 '09 Nov 19 '09 Nov 19 '09 -0-	Feb 28 '13 Feb 28 '12 Feb 28 '12 (366)	
MM-901	Program Management Support Consultant - 2 (PMSC-2) [InfraConsult LLC]	CF Act B/L Var	Aug 03 '11 Aug 03 '11 Aug 03 '11 -0-	Sep 02 '09 Sep 02 '09 Sep 02 '09 -0-	-0-	-0-	-0-	Feb 28 '12 Feb 28 '12 Feb 23 '12 (5)	Mar 08 '12 Mar 08 '12 Feb 23 '12 (14)	Feb 28 '15 Feb 28 '15 Feb 28 '15 -0-	
MM-905	General Engineering Consultant I (GEC-1) (EIS/Preliminary Engrg) [Parsons Brinckerhoff]	CF Act B/L Var	Jun 01 '07 Jun 01 '07 Jun 01 '07 -0-	Aug 24 '07 Aug 24 '07 Aug 24 '07 -0-	-0-	-0-	-0-	-0-	Oct 25 '09 Oct 25 '09 Oct 25 '09 -0-	Feb 28 '13 Feb 28 '12 Mar 25 '12 (340)	
MM-910	General Engineering Consultant II (GEC-2) (Final Design and Construction) [Parsons Brinckerhoff, Inc.]	CF Act B/L Var	Sep 03 '09 Sep 03 '09 Sep 03 '09 -0-	Nov 15 '09 Nov 15 '09 Nov 15 '09 -0-	-0-	-0-	-0-	Jun 30 '11 Jun 30 '11 Jun 30 '11 -0-	Aug 02 '11 Aug 02 '11 Aug 02 '11 -0-	Aug 01 '14 Aug 01 '14 Aug 01 '14 -0-	
MM-935	Real Estate Consultant [Paragon Partners, Ltd.]	CF Act B/L Var	Apr 01 '11 Apr 01 '11 Apr 01 '11 -0-				Sep 08 '11 Sep 08 '11 Sep 08 '11 -0-	Mar 14 '12 Mar 14 '12 Mar 15 '12 +1	Mar 14 '12 Mar 14 '12 Mar 15 '12 +1	Mar 13 '17 Mar 13 '17 Mar 13 '17 -0-	
MM-940	Kako'o Consultant [Pacific Legacy, Inc.]	CF Act B/L Var	May 20 '11 May 20 '11 May 20 '11 -0-	Jun 20 '11 Jun 20 '11 Jun 20 '11 -0-	-0-	-0-	Sep 09 '11 Sep 09 '11 Sep 09 '11 -0-	Mar 29 '12 Mar 29 '12 Mar 15 '12 (14)	Mar 29 '12 Mar 30 '12 Mar 15 '12 (14)	Feb 14 '17 Feb 14 '17 Feb 14 '17 -0-	
MM-950	Owner Controlled Insurance Program (OCIP) Consultant [Marsh USA, Inc.]	CF Act B/L Var	Jan 31 '12 Jan 31 '12 Jan 31 '12 -0-		-0-	-0-	Mar 01 '12 Mar 01 '12 Mar 01 '12 -0-	May 10 '12 May 10 '12 May 18 '12 +8	May 10 '12 Jun 05 '12 Apr 28 '12 (38)	May 09 '17 Dec 01 '19 ----	5-year Consultant Services contract to assist in procurement of insurance coverage and administer insurance and risk management services for the HRTF.
MM-975	LEED Commissioning Services for the Maintenance and Storage Facility (MSF) [Enovity, Inc.]	CF Act B/L Var						Oct 06 '10 Oct 06 '10 Oct 07 '10 +1	Oct 07 '10 Oct 07 '10 Oct 07 '10 -0-	Jan 14 '16 Jan 14 '16 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

Baselined (as reflected in the Master Project Schedule, Revision 4, March 30, 2012)

Figure 18. Procurement: HDOT Consultant Services and Other Contracts

Procurement Tracking Report											
Hawaii Department of Transportation (HDOT) Consultant Services Contracts and Other Contracts											
CPP Contract #	Contract Name	Sched Ref*	Issue RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
HDOT Agreements											
MM-915	HDOT Traffic Management Coordination Consultant [ICX Transportation Group]	CF Act B/L Var	Aug 15 '11 Aug 15 '11 Mar 04 '11 (164)	-0-	-0-	-0-	-0-	Jun 01 '12 Jun 05 '12 Jun 01 '12 (4)	Jul 01 '12 Jun 12 '12 Jul 01 '12 +19	Jul 01 '17 Feb 15 '19 +594	Scope of services is for the entire alignment. Contract length = 60 months.
MM-920	HDOT Design Coordination Consultant - West Oahu/Farrington Highway Guideway Section [AECOM Tech Svcs, Inc.]	CF Act B/L Var						Jun 07 '11 Jun 07 '11 Jun 07 '11 -0-	Jun 08 '11 Jun 08 '11 Jun 08 '11 -0-	Jun 15 '18 Jun 15 '18 Jun 15 '18 -0-	
MM-921	HDOT Design Coordination Consultant - Kamehameha Highway Guideway Section [AECOM Tech Svcs, Inc.]	CF Act B/L Var						Jun 01 '12 Jun 05 '12 Apr 01 '12 (61)	Jul 01 '12 Jun 29 '12 Jul 01 '12 (2)	Jul 15 '15 Jul 15 '15 Jul 15 '15 -0-	
MM-922	HDOT Design Coordination Consultant - Airport and City Center Guideway Sections [SSFM International]	CF Act B/L Var						Jan 16 '14 Jun 08 '12 Jan 16 '14 +587	Jan 30 '14 Jun 12 '12 Jan 30 '14 +597	Jun 15 '18 Jun 15 '18 Jun 15 '18 -0-	The scope of services for City Center, previously packaged as a separate contract (MM-923), is now included as part of this contract, the option executed on Nov 01 '12. MM-923 has been deleted.
Other Agreements											
MM-945	On-Call Construction Contractor(s)	CF Act B/L Var	Apr 01 '13 Mar 15 '13 (17)	May 01 '13 Apr 14 '13 (17)	May 16 '13 Apr 29 '13 (17)	Jun 15 '13 May 29 '13 (17)	Jul 15 '13 Jun 28 '13 (17)	Aug 14 '13 Jul 28 '13 (17)	Sep 13 '13 Aug 27 '13 (17)	Mar 03 '19 Mar 03 '19 -0-	
MM-946	On-Call HazMat Contractor [CH2M Hill + HazMat Contractor]	CF Act B/L Var						Jun 15 '12 Aug 23 '12 Jun 15 '12 -0-	Sep 07 '12 Sep 07 '12 Jun 30 '12 (69)	Feb 15 '17 Feb 15 '17 -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

Baselined (as reflected in the Master Project Schedule, Revision 4, March 30, 2012)

3.2 Design-Build (DB) Contract Status

Contract DB-120: West Oahu/Farrington Highway Guideway (WOFH)			
DB Contractor: Kiewit Infrastructure West Company (KIWC)			
Committed: ¹	\$537,771,469	Incurred to date:	\$173,466,598
Authorized: ²	\$316,005,535	(58.8%)	Substantial Completion: February 2016

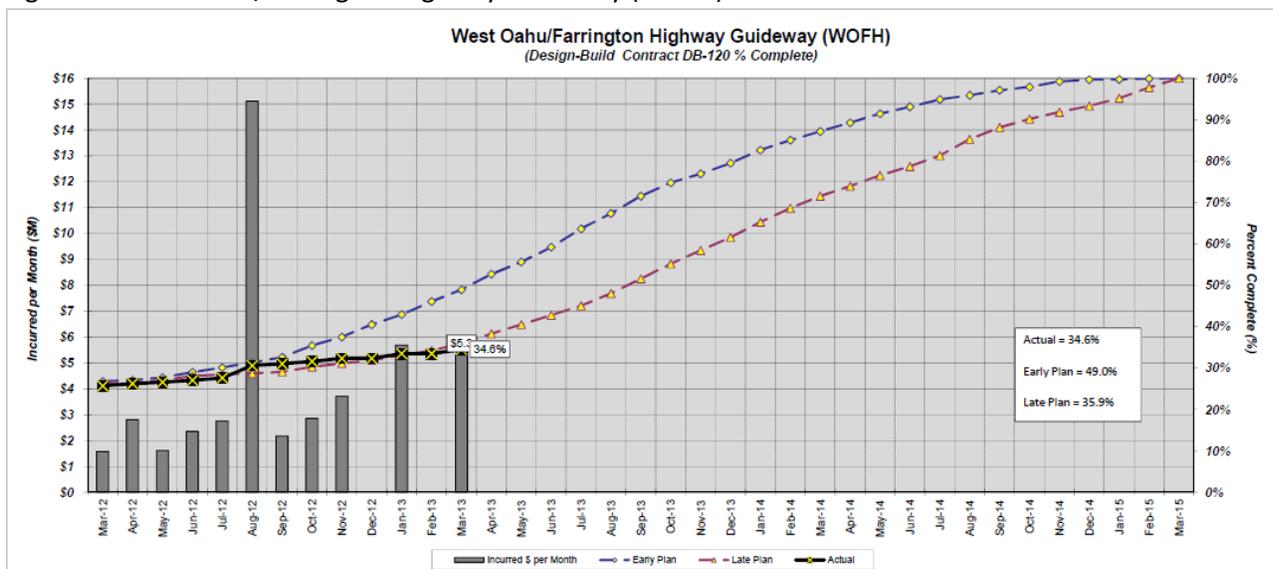
¹ Commitment as of 3/29 = Contract value (not including contingency) + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

- Contract Progress**

Actual progress as of March 29 is 34.6%, versus the early plan of 49% and the late plan of 35.9%, as shown in Figure 19 below. \$5.3M was incurred in March. Design is 96% complete, based on Schedule of Milestones completion, and continues through the partial suspension of construction. A revised baseline schedule is being processed based on an assumed restart of construction in September 2013.

Figure19. West Oahu/Farrington Highway Guideway (WOFH) Construction



- Activities this month**

- HART continues to work with KIWC to mitigate the impact of the partial suspension of construction activities.
- HART continued efforts to resolve contract changes and contractor claims.
- KIWC continues to maintain and secure the project site including laydown yards during the construction suspension. In addition, KIWC continued maintenance activities along Farrington Highway as part of the Joint Use and Occupancy agreement with HDOT.
- KIWC continued soil resistivity testing.
- A total of 407 contract submittals have been received (5 currently under review).
- KIWC has completed 60 (47%) of 129 final design submittals.
- HART has received 226 Requests for Information (RFIs) from the contractor (all closed).

- Look Ahead**

- Continue working with KIWC to mitigate impacts of the partial suspension of construction activities.
- Geotechnical testing at the Lee Property.
- Site assessment and preparation of demolition plan at the 'Banana Patch' properties.

- Continue interface and final design activities.
- Resolution of contract changes.

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

DB Contractor: Kiewit/Kobayashi Joint Venture (KKJV)

Committed: ¹	\$215,375,751	Incurred to date:	\$50,125,174
Authorized: ²	\$148,406,485 (68.9%)	Substantial Completion:	November 2015

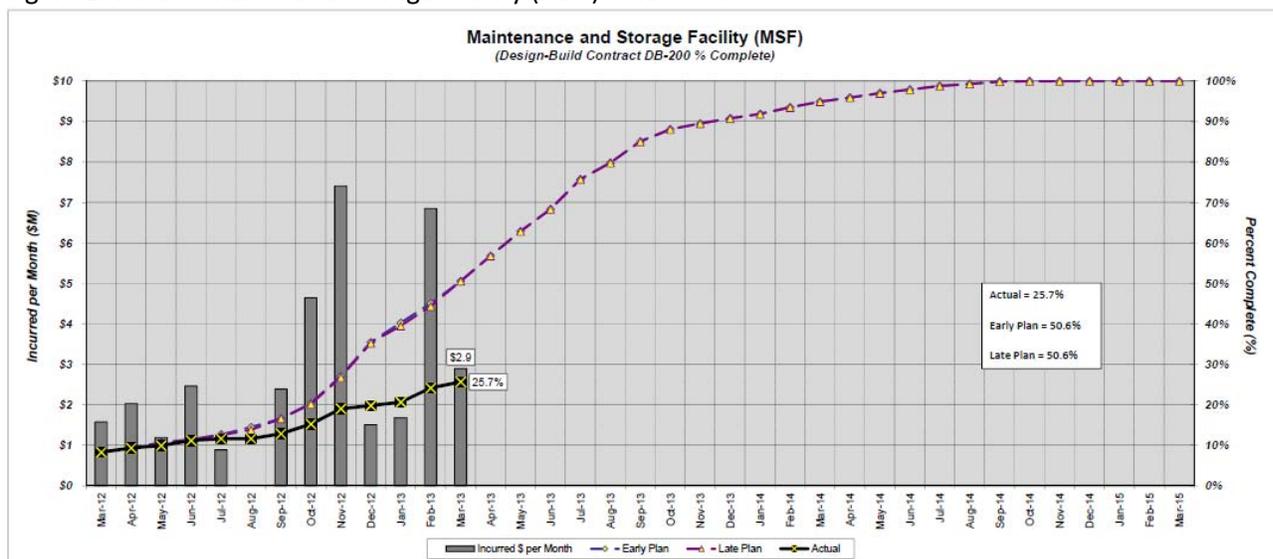
¹ Commitment as of 3/29 = Contract value (not including contingency) + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

• **Contract Progress**

Actual progress as of March 29 is 25.7%, versus the early plan of 50.6% and the late plan of 50.6%, as shown in Figure 20 below. In March, \$2.9M was incurred. Design is 98% complete, based on Schedule of Milestones completion, and is continuing through the partial suspension of construction. A revised baseline schedule is being processed based on an assumed restart of construction in September 2013.

Figure 20. Maintenance and Storage Facility (MSF) Construction



• **Activities this month**

- HART continues to work with KKJV to mitigate impacts of the partial suspension of construction activities.
- KKJV continued to maintain and secure the project site during the construction suspension.
- HART continued efforts to resolve contract changes and contractor claims.
- KKJV continued working with the Core Systems Contractor to resolve interface issues.
- A total of 109 total contract submittals have been received (1 under review).
- KKJV has completed 5 (56%) of 9 final design submittals.
- HART has received 134 Requests for Information (RFIs) from the contractor (2 open).

• **Look Ahead**

- Continue working with KKJV to mitigate impacts of the partial suspension of construction activities.
- Resolve Core Systems interface items.
- Oversight of contractor material procurement.
- Continue efforts to resolve contract changes and contractor claims.

Contract DB-320: Kamehameha Highway Guideway (KHG)

DB Contractor: Kiewit Infrastructure West Company (KIWC)

Committed: ¹	\$376,366,000	Incurred to date:	\$83,068,340
Authorized: ²	\$166,382,062 (44.2%)	Substantial Completion:	June 2016

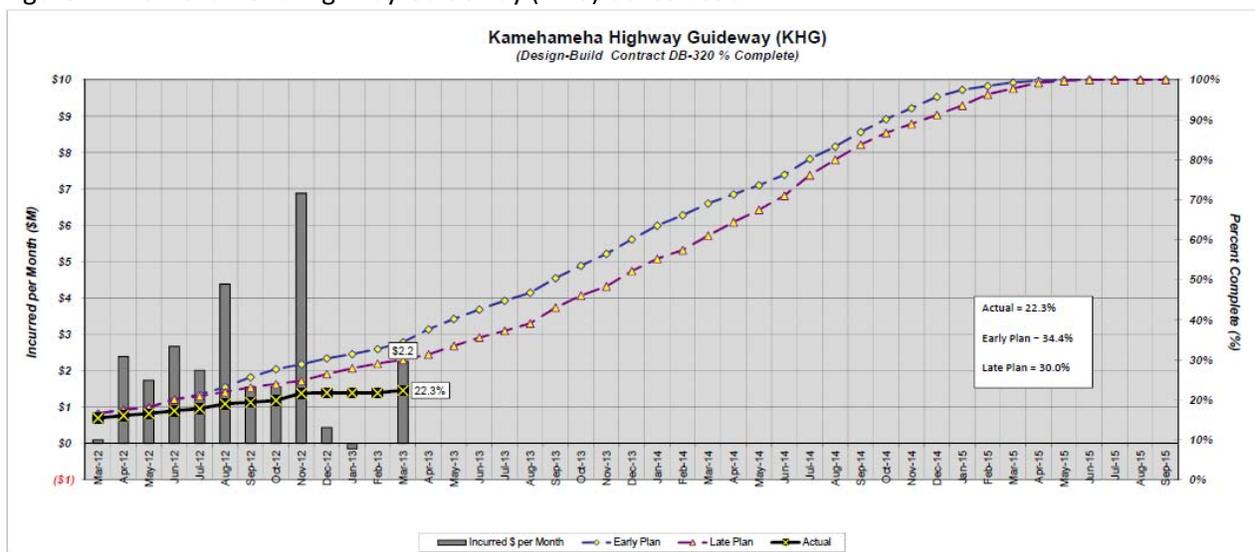
¹ Commitment as of 3/29 = Contract value (not including contingency) + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29 = NTP dollar values + executed Change Orders.

• **Contract Progress**

Actual progress as of March 29 is 22.3%, versus an early plan of 34.4% and a late plan of 30%, as shown in Figure 21 below. In March, \$2.2M was adjusted. Design is 94% complete, based on Schedule of Milestones completion, and is continuing through the partial suspension of construction. A revised baseline schedule is being processed based on an assumed restart of construction in September 2013.

Figure 21. Kamehameha Highway Guideway (KHG) Construction



• **Activities this month**

- HART continued working with KIWC to mitigate impacts of the partial suspension of construction activities.
- KIWC continues to maintain and secure the project site including laydown yards during the construction suspension.
- KIWC continued soil resistivity testing.
- HART continued efforts to resolve contract changes and contractor claims.
- A total of 164 contract submittals have been received (12 under review).
- KIWC has completed 8 (21%) of 39 final design submittals.
- HART has received 81 Requests for Information (RFIs) from the contractor (1 open).

• **Look Ahead**

- Continue working with KIWC to mitigate impacts of the partial suspension of construction activities.
- Geotechnical testing to support design completion.
- Continue interface and design activities.
- Continue efforts to resolve contract changes and contractor claims.

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

Contract DBOM-920: Core Systems Contract (CSC)

DBOM Contractor: Ansaldo Honolulu Joint Venture (AHJV)

Committed: ¹	\$573,839,000	Incurred to date:	\$27,064,130
Authorized: ²	\$ 97,975,035 (17.1%)	Start-up Completion:	March 2019

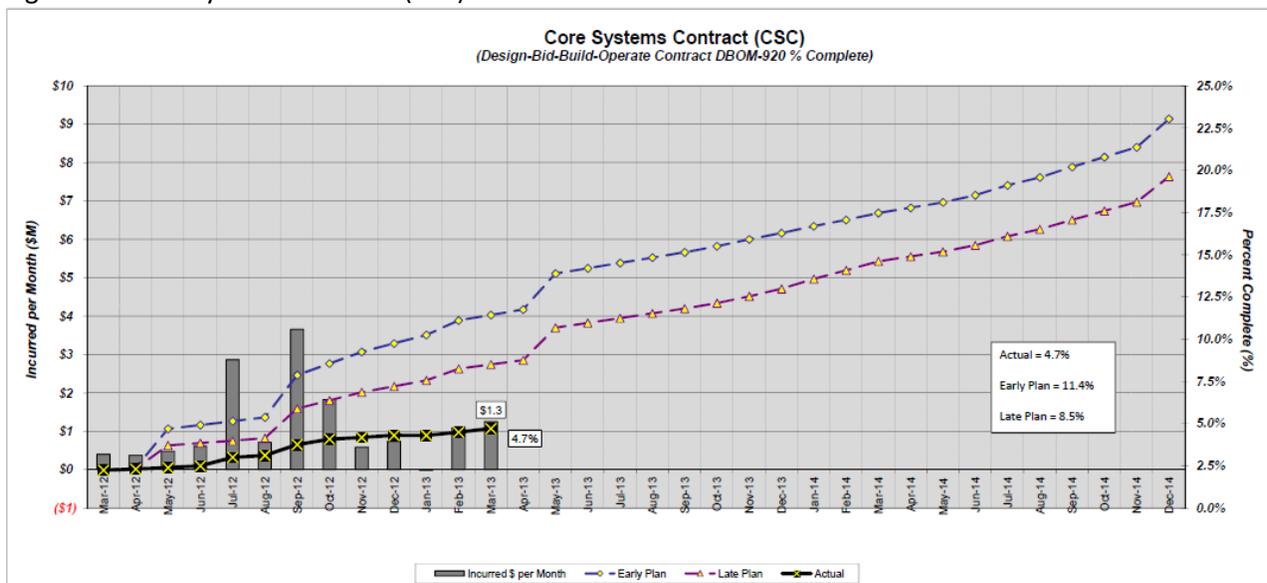
¹ Commitment as of 3/29 = Contract value (excluding contingency and \$823.6 M O&M budget) + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

- Contract Progress**

Actual progress as of March 29 is 4.7%, versus the early plan of 11.4% and the late plan of 8.5%, as shown in Figure 22 below. In March, \$1.3M was incurred. Design is 20% complete. A revised schedule is being processed based on an assumed restart of construction for fixed facility contractors in September 2013.

Figure 22. Core Systems Contract (CSC)



- Activities this month**

- AHJV continues to participate in Interface meetings and to issue/respond to Requests for Interface Data (RFIDs) and to coordinate fixed-facility contractor interfaces.
- HART reviewed AHJV design submittals for all systems and is conducting follow up meetings to resolve comments.
- HART is coordinating with AHJV to finalize selection and cost for adding station platform screen gates.

- Look Ahead**

- Resolve interface issues with fixed facility contractors, particularly MSF and FHSG design.
- HART to finalize evaluation of AHJV proposal for Platform Screen Gates.

3.4 Final Design (FD) Contract Status

3.4.1 Station DBB Contracts Status (Executed and In Negotiation)

Contract FD-140: West Oahu Station Group Construction (WOSG) Final Design			
Contractor: URS, Final Design Consultant (Engineer of Record)			
Committed: ¹	\$7,789,000	Incurred to date:	\$2,696,127
Authorized: ²	\$4,594,398	(59.0%)	Construction Docs Bid-Ready: September 2013

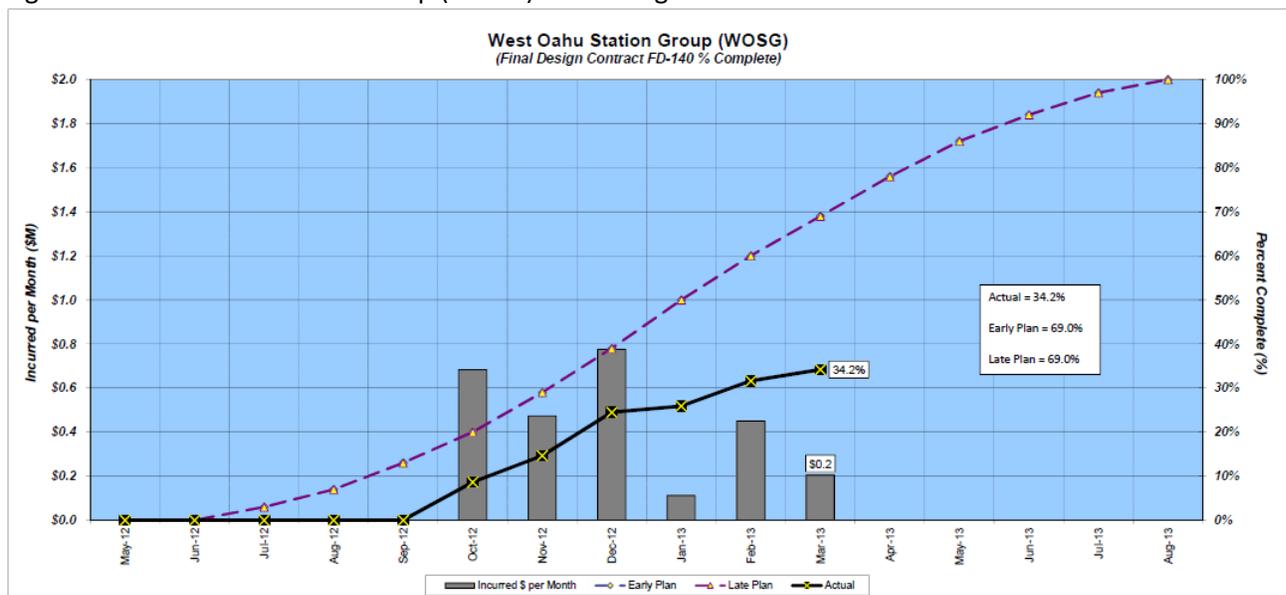
¹ Total Commitment as of 3/29 = Contract value (not including contingency) with Design Allowance + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

- Contract Progress**

Actual progress as of March 29 is 34.2%, versus the early and late plans of 69.0%, as shown in Figure 23 below. In March, \$0.2M was incurred. Design is 35% complete.

Figure 23. West Oahu Station Group (WOSG) Final Design



- Activities this month**

- o Continued interim design development.
- o URS is working on resolving interface issues with guideway and core systems contractors.
- o Continued to hold weekly progress and interface meetings.

- Look Ahead**

- o Resolution on Ho’opili Station scope.

Contract FD-240: Farrington Highway Station Group (FHSG) Final Design			
Contractor: HDR Engineering, Inc., Final Design Consultant (Engineer of Record)			
Committed: ¹	\$8,008,045	Incurred to date:	\$6,752,075
Authorized: ²	\$7,711,060	(96.3%)	Construction Documents Bid-Ready: May 2013

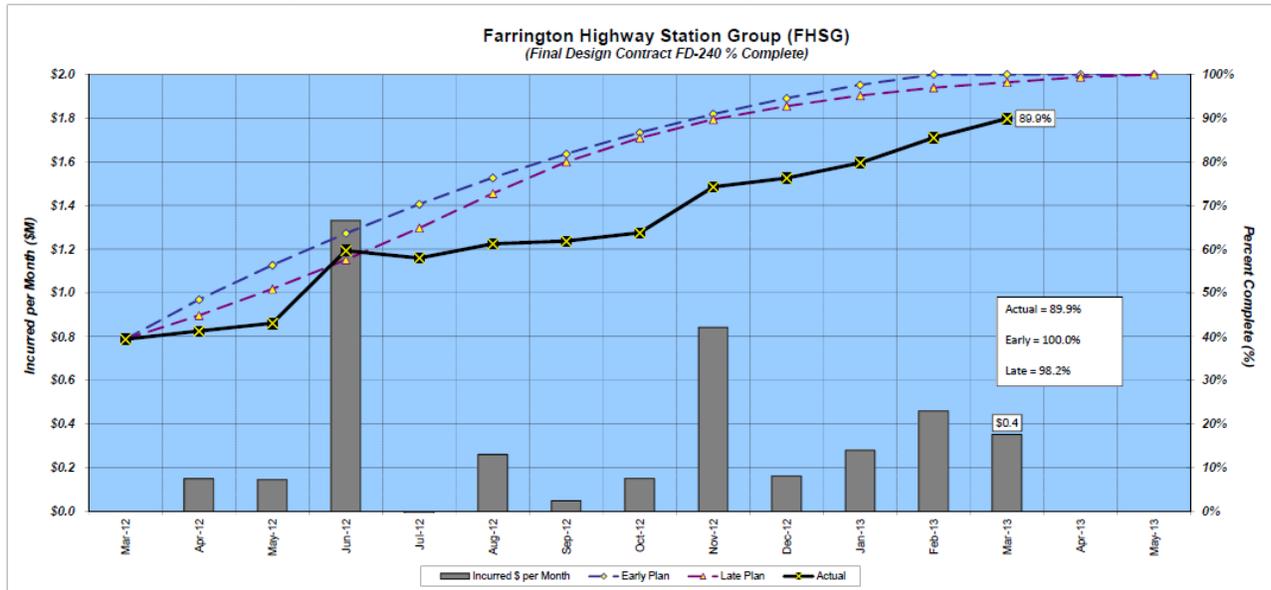
¹ Commitment as of 3/29 = Contract value (not including contingency) with Design Allowance + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

• **Contract Progress**

Actual progress as of March 29 is 89.9%, versus the early plan of 100% and the late plan of 98.2%, as shown in Figure 24 below. In March, \$0.4M was incurred. Design is 95% complete.

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



• **Activities this month**

- Reviewing final design submittal and cost estimate.
- Continued to hold weekly progress and interface meetings.
- HDR is working on resolving interface issues with guideway and core systems contractors.

• **Look Ahead**

- Complete final design submittal review and close out contract.

Contract FD-340: Kamehameha Highway Station Group (KHSG) Final Design

Contractor: Anil Verma Associates, Inc., Final Design Consultant (Engineer of Record)

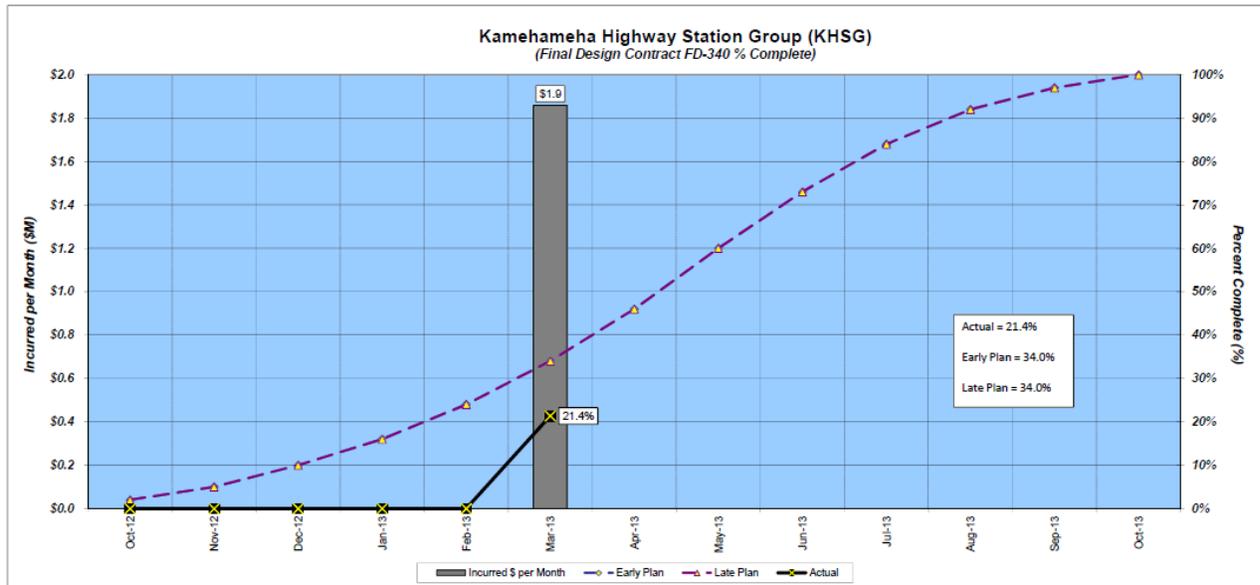
Committed: ¹	\$8,702,592	Incurred to date:	\$1,859,113
Authorized: ²	\$3,024,525 (34.8%)	Construction Documents Bid-Ready:	December 2013

¹ Commitment as of 3/29 = Contract value (not including contingency) with Design Allowance + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

Actual progress as of March 29 is 21.4%, versus the early and late plan of 34%, as shown in Figure 25 below. In March, \$1.9M was incurred. Design is 25% complete.

Figure 25. Kamehameha Highway Station Group (KHSG) Final Design



- **Activities this month**
 - HART approved schedule of milestone and baseline schedule.
 - Continued to hold weekly progress and interface meetings.
- **Look Ahead**
 - Continue to develop Preliminary Engineering update.
 - AVA to submit Right-of-Entry (ROE) for site survey.

Contract FD-430 Airport Section Guideway and Utilities Final Design			
Contractor: AECOM Technical Services, Inc., Final Design Consultant (Engineer of Record)			
Committed: ¹	\$39,115,960		Incurred to date: \$17,404,742
Authorized: ²	\$31,341,791	(80.1%)	Construction Documents Bid-Ready: Utilities Guideway
			October 2013 April 2014

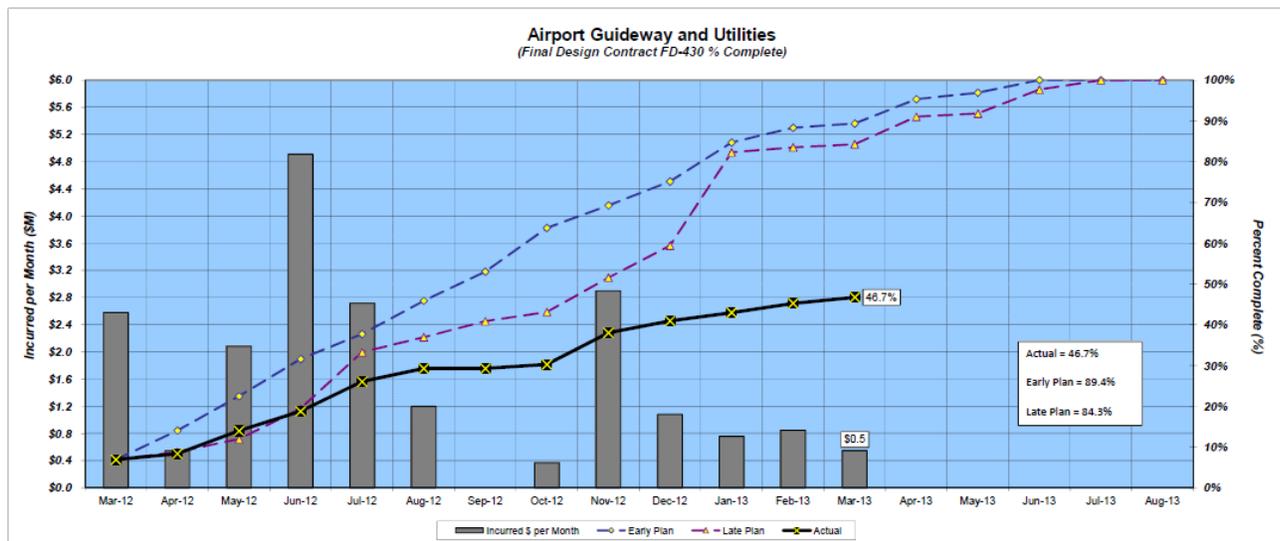
¹ Commitment as of 3/29 = Contract value (not including contingency) with Design Allowance + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

• **Contract Progress**

Actual progress as of March 29 was 46.7%, versus the early plan of 89.4% and the late plan of 84.3%, as shown in Figure 26 below. In March, \$.5M was incurred. Design is 50% complete.

Figure 26. Airport Guideway and Utilities Final Design



• **Activities this month**

- HART and AECOM continued coordination with HDOT (Highway and Airport) and utility companies, and other stakeholders.
- Continued weekly progress/design and interface meetings.
- AECOM continued interim design development.
- AECOM continued geotechnical testing.
- HART held meetings with HDOT to resolve alignment and column locations along Uelena Street.

• **Look Ahead**

- Continue working on interim design packages.
- Resolution of alignment and column locations through Uelena Street.
- Continue geotechnical testing.

Contract FD-440: Airport Station Group (ASG) Final Design

Contractor: AECOM Technical Services, Inc., Final Design Consultant (Engineer of Record)

Committed: ¹	\$10,177,365	Incurred to date:	\$2,780,334
Authorized: ²	\$2,878,543 (28.3%)	Construction Documents Bid-Ready:	January 2014

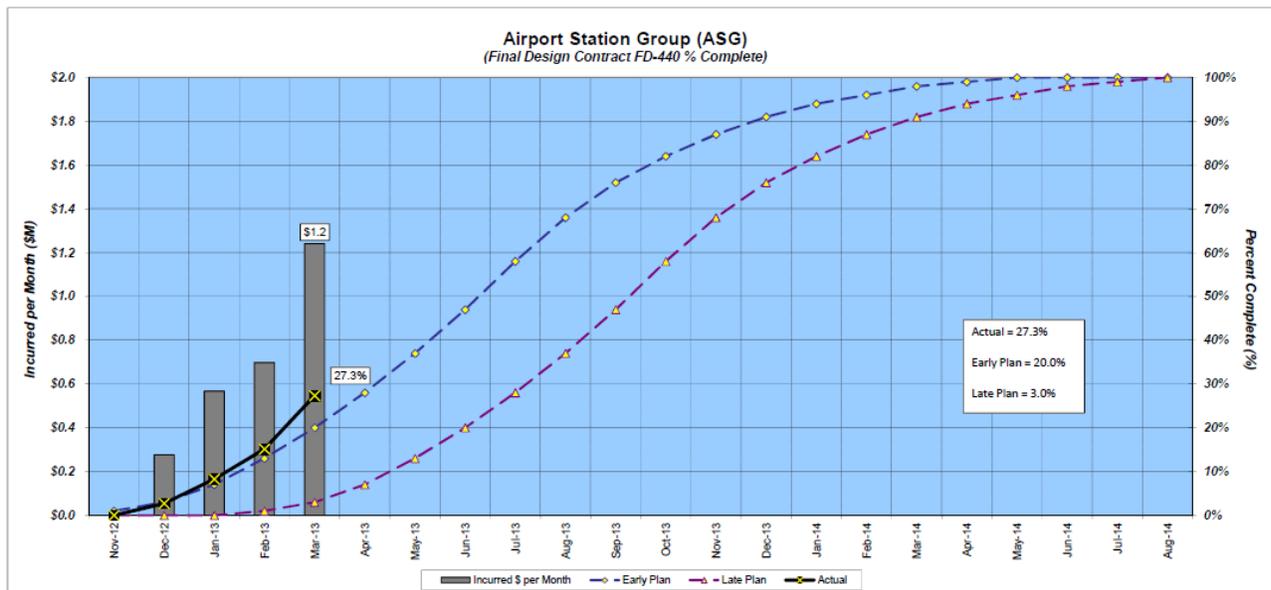
¹ Commitment as of 3/29 = Contract value (not including contingency) with Design Allowance + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

- Contract Progress**

Actual progress as of March 29 is 27.3%, versus the early plan of 20% and the late plan of 3.0%, as shown in Figure 27 below. In March, \$1.2M was incurred. Design is 20% complete.

Figure 27. Airport Station Group (ASG) Final Design



- Activities this month**

- o Continued to hold weekly progress and interface meetings.
- o A meeting was held with the Navy to discuss the Pearl Harbor Station and access to the Navy base.

- Look Ahead**

- o Continue working on the preliminary engineering development.

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

Contractor: AECOM Technical Services, Inc., Final Design Consultant (Engineer of Record)

Committed: ¹	\$43,948,220		Incurred:	\$5,474,095
Authorized: ²	\$15,949,421	(36.3%)	Construction Documents Bid-Ready:	August 2013
			Utilities Guideway	April 2014

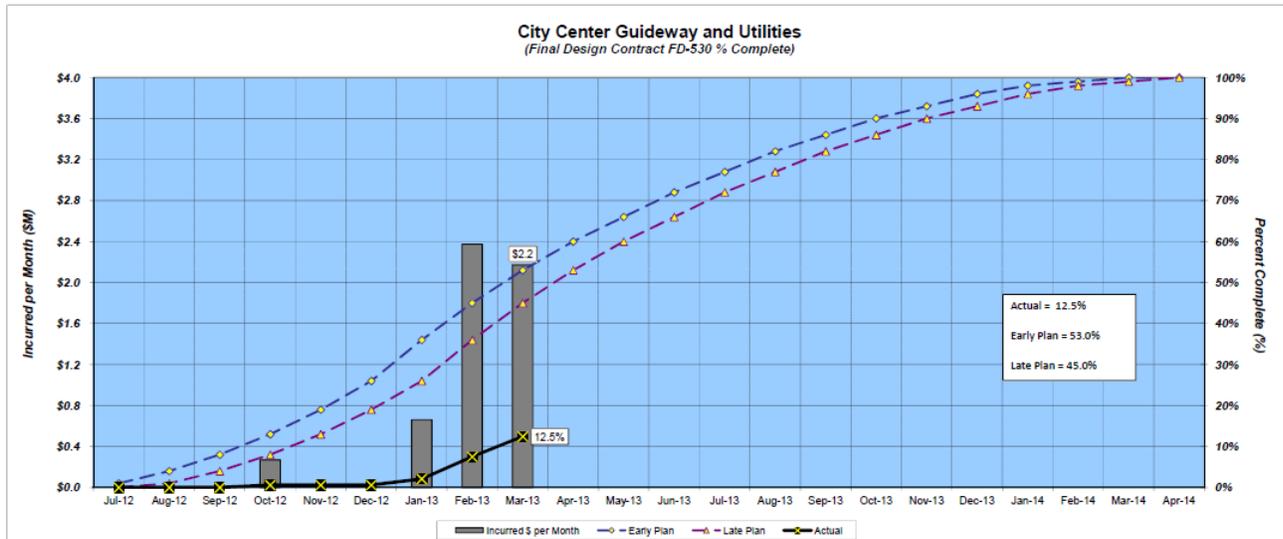
¹ Commitment as of 3/29 = Contract value (not including contingency) with Design Allowance + executed Change Orders.

² Total Authorized for Expenditure (AFE) as of 3/29= NTP dollar values + executed Change Orders.

• **Contract Status**

Actual progress as of March 29 is 12.5%, versus the early plan of 53% and the late plan of 45%, as shown in Figure 28 below. This contract is to be combined into the Airport and City Center Guideway Construction contract (DBB-520). Design is 20% complete.

Figure 28. City Center Guideway and Utilities Final Design



• **Activities**

- Continued weekly progress/design and interface meetings.
- AECOM continued Preliminary Engineering Design development.
- HART and AECOM continued to meet with various private and public stakeholders to coordinate station and guideway interface with their planned developments.

• **Look Ahead**

- Continue Preliminary Engineering Design development.
- Commence geotechnical testing.

3.5 Utility Agreements

• **Activities this month**

- Buy America:
 - HART received commitment letters stating that Sandwich Isle Communications (SIC), Hawaiian Telcom (HT), and Hawaii Gas Company (HGC), formerly The Gas Company, will comply with Buy America requirements.

- Chevron has reviewed the entire H RTP alignment and has indicated that no construction agreement between HART will be necessary. HART understanding that any relocation of Chevron facilities will be performed by other HART contractors, and Buy America requirements would then be applicable to those contractors.
- AT&T Corporate and AT&T Government Solutions (AT&T Gov.) have indicated that they would be able to comply with Buy America requirements.
- HART has requested that Oceanic Time Warner Cable (OTWC) investigate the origin of their materials and report their findings to us by May 31, 2013.
- Tesoro has indicated that it would be Buy America compliant with the pipeline, and valves, however would need a waiver for some of their electronic data collection parts which cannot be Buy America compliant, due to a system wide incompatibility with their control room.
- Hawaiian Telcom purchased Wavecom on December 31, 2012, and is in the process of determining the origin of the material on hand that Wavecom had purchased for the H RTP project.
- HECO should finish their investigation of origin of materials and furnish their findings to HART by the end of April.
- WOFH section:
 - Draft Amendments for the Utility Construction Agreements (UCAs) executed with: Hawaiian Electric Company (HECO), Oceanic Time Warner Cable (OTWC) and Wavecom Solutions including Buy America requirements are under procurement review.
 - The Hawaiian Telcom (HT) UCA has not yet been executed. HT provided comments to the current agreement to HART. HART has transmitted the contract to HT for execution.
 - Sandwich Isle Communications (SIC) UCA has not been executed. There are no current conflicts in the WOFH section, however SIC has requested an agreement in the event a conflict arises. Draft UCA is under procurement review.
- KHG section:
 - All Engineering Service Agreements (ESAs) required for KHG have been executed with: AT&T Corporate, Chevron, HT, OTWC, SIC, Wavecom, Tesoro, HGC and tw telecom.
 - The draft UCA, incorporating Buy America requirements, was transmitted to Tesoro for review.
 - Draft UCAs for OTWC, SIC, and HT are under procurement review.
 - There has been confirmation that no UCA's for Chevron, and AT&T Corporate will be needed.
- 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.
 - Draft ESA for AT&T Gov Solutions will be sent to Utility.
 - tw telecom ESA, and OTWC for the Airport and City Center Section have been executed.
 - Airport Bridging Agreement with HECO was executed and NTP issued on 2/19/2013; an amendment extending the agreement time is being processed.
 - City Center Bridging Agreement with HECO was executed and NTP issued on 3/4/13; an amendment extending the agreement time is being processed.
 - Discussion with HECO on Airport and City Center UFRCA on-going.
 - There has been confirmation that no UCA's for Chevron, and Tesoro will be needed for the Airport and City Center segments.
- **Look Ahead**
 - Transmit the remaining draft UCAs to utility owners in the KHG section. HART is now ready to proceed after some initial delays in completing drafts due to the addition of Buy America requirements for utility construction agreements.

- Hawaiian Telcom purchased Wavecom Solutions on December 31, 2012, and will be assuming the ESA and UCA for the WOFH segment, and the ESA for the KHG segment. New agreements for the relocation of Wavecom utilities will be covered by Hawaiian Telcom.

See Figure 29 on the next page for the latest Utility Agreements Status Matrix.

Figure 29. 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		Draft transmitted to utility		
	NTP	May 12, 2011	Dec 21, 2011						
Chevron	Executed	Dec 4, 2009		Nov 4, 2011					
	NTP	Dec 22, 2009		Nov 15, 2011					
Hawaiian Telcom	Executed	May 20, 2010	Back to HT to self-performing scope; HT reviewing new draft	May 10, 2012	Preparing draft		Close to agreement on T&C; awaiting final comments from utility		
	NTP	June 14, 2010							
HECO	Executed	By Agreement with PB	Apr 20, 2012	July 12, 2012		Draft transmitted to utility	Airport Bridging Agreement Executed 2/19/13 (agreement to be extended) City Center Bridging Agreement Executed 3/5/13 (agreement to be extended)		
	NTP								
Oceanic Time Warner	Executed	Dec 8, 2009	Dec 21, 2011	Jan 9, 2012	Completed draft under COR review		Executed 4/4/2013		
	NTP	Dec 22, 2009							
Pacific Lightnet/Wavecom	Executed	Apr 28, 2010	Mar 12, 2012	Feb 15, 2012					
	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		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		Draft transmitted to utility		
	NTP	Dec 22, 2009	Jul 12, 2011						
tw telecom	Executed	Dec 2, 2009		Feb 14, 2012	No Scope – Oceanic to relocate for tw telecom for KHG		Executed 10/11/12		
	NTP	Dec 22, 2009		Feb 16, 2012					
Tesoro	Executed			Feb 15, 2012	Sent draft to utility for review		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
 UFRCA = Combined Engineering and Construction Utility Agreement

3.6 Permits

- **Activities this month**

- The Section 7 coordination letter with NOAA was sent April 2, 2013.
- The City Center preconstruction Community Noise Variance application was submitted to the Department of Health on April 3, 2013.
- Nationwide #6 Application for In-Water Geotechnical within the Airport section was submitted to the Army Corps of Engineers on April 9, 2013.
- The Essential Fish Habitat Assessment package was received by NOAA April 10, 2013 and will provide recommendations to the FTA by May 10, 2013.
- HART published a public notice in the Honolulu Star-Advertiser for the City Center preconstruction Individual NPDES permit.
- The City Center preconstruction Community Noise Permit was received from the Department of Health on April 15, 2013.
- On April 17, 2013, the HART Environmental Permit Team escorted personnel from NOAA, FWS, and the EPA on a field trip to six sites including: Waiawa Stream Tributary and Stream, Halawa Stream, Moanalua Stream, Kalihi Stream, Kapalama Stream, and Nuuanu Stream. This field trip was to supplement the ongoing coordination between the agencies for Essential Fish Habitat (EFH) and the Fish and Wildlife Coordination Act (FWCA).
- Clean Water Act (CWA) Section 404 Individual Corps Permit application for work at Waiawa Stream and Tributary was submitted to the Corps of Engineers on April 18, 2013.

- **Look Ahead**

- Upcoming significant permit activity:
 - Draft amendment request to the existing SCAP (Stream Channel Alternation Permit) for work at Waiawa Stream Tributary and Waiawa Stream.
 - Coastal Zone Management Consistency application for work at Waiawa Stream Tributary and Waiawa Stream will be drafted.
 - An Individual NPDES Permit and accompanying MS4s for preconstruction activities for the West Oahu Ho'opili Station to be prepared.

3.7 Hawaii Department of Transportation (HDOT) Agreements

- **Activities this month**

- Alignment-wide, the HDOT Traffic Management Consultant (contract MM-915) continues to review traffic signals, ITS and construction MOT for HDOT.
- The HDOT Design Coordination Consultant for WOFH (contract MM-920), AECOM Technical Services, Inc. (AECOM), continues to review design submittals for HDOT.
- SSFM, the HDOT Design Coordination Consultant for the Airport and City Center guideway (contract MM-922), is reviewing both guideway design submittals for HDOT.
- KHG section:
 - The KHG Master and JUO agreements await resolution of HDOT comments regarding assignment to HART. HART/HDOT met in March to discuss this issue, HDOT has reaffirmed their position that the City and County of Honolulu must be a signatory to the agreement. A meeting between the Mayor and Governor was held in March to discuss the assignment. The Mayor will be investigating introducing a resolution before the City Council to meet the State's requirement.
 - AECOM, the HDOT Design Consultant for KHG (contract MM-921), continues to review KHG design submittals for HDOT.

- **Look Ahead**
 - Master and JUO Agreement to encompass KHG, Airport, and City Center in one document.

3.8 Other Design Activities

- **Activities this month**
 - Submitted architectural Standard and Directive Drawings for review to FTA/PMOC.
 - Revised Compendium of Design Criteria, Division 1/Standard Special Provisions, and Standard Specifications.
 - Meetings held with other agencies to discuss proposed Pearl Highlands' scour protection, bank protection, and flood alert warning system to coordinate and prepare for start of design.
 - Prepared scope for design option study for Kalo'i Channel stabilization.
- **Look Ahead**
 - Provide Waiawa Stream hydraulic information to KHSG designer.
 - Finalize Waiawa Stream scour and bank protection reports.
 - Station Restroom assessment.

3.9 Interface

- **Activities this month**
 - Continued to request of interfacing contractors to provide need/delivery dates for Interface Control Documents (ICDs) elevated to HART for review and direction.
 - Continued implementing risk assessment guidelines for ICDs and Requests for Interface Data (RFIDs) elevated to HART.
 - Continued with assessment process and directions to "proceed" for Issues (ICDs and related RFIDs) elevated by WOFH, KHG and MSF.
 - Continued implementing CSC-MSF decision point sequencing tool to identify interfaces to be addressed prior to construction start.
 - Participated in all contract Interface Coordination Meetings.
 - Developed tracking tool for HART Interface Issues.
 - Continued to support development of tracking tool for RFIDs, ICDs and construction hold points.
 - A total of 605 RFIDs have been submitted (432 closed).
 - A total of 35 Interface Issues have been elevated (11 new, 3 closed, 3 on hold and 18 OSR).
- **Look Ahead**
 - Continue to support development of tracking tool for elevated Issues, including RFIDs, ICDs, and construction hold points.
 - Continue monitoring contractor RFIDs and ICDs pertaining to the Final Design Baseline (Revision 0).
 - Continue to review elevated issues for path forward to construction.

4 GROUP REPORTS

4.1 Safety and Security

- **Activities this month**

- The Project had no construction safety or security issues in April. See Figure 30 below for a summary of issues to date.
- AIS has been completed with no incidents noted.
- HART met with GEC/HART staff to re-align Task 5.
- HART Safety met with the Construction Safety Manager to review incidents, incident data and proactive plans, and updated all plans.
- HART Safety continues to hold a weekly Core Systems Safety Meeting with Core Systems Contractor Ansaldo Honolulu Joint Venture (AHJV).
- HART reviewed AHJV submittals for compliance and technical specifications.
- HART staff continues to meet with HDOT bi-weekly to address FTA and HDOT issues.
- HART distributed the base-lined Preliminary Hazardous Analysis (PHA) with no concerns.

- **Look Ahead**

- HART will meet with Mayor Kirk Caldwell's office to define HART's Emergency plans.
- Continue to hold safety meetings with contractors, particularly AHJV, committees and staff.
- Finalize HART review of the updated Navy and courthouse Threat and Vulnerability Analysis (TVA's).
- On-going discussion of security concerns with the TSA, HPD and Honolulu Fire Department (HFD), and of Emergency Plans with Emergency Responders and Emergency Management.
- Continue to meet and review design issues with contractors.
- Continue to process CIL/CEL's from all contracts.

Figure 30. Construction Safety Monitoring - Safety and Security Issues

Period/Date	Contract	No. & Type of Event	Comments
2011	----	1 in 2011	
January	----	2 in January	
February	----	2 in February	
March	KHG	1 in March	
April	WOFH-KHG	5 in April	
May	WOFH-KHG	5 in May	
June	WOFH-KHG	1 in June	
July	WOFH	3 in July	
August	WOFH	3 in August	
September	----	0 in September	
October	----	0 in October	
November	----	0 in November	
December	----	0 in December	
2012	----	22 to date in 2012	
January	----	0 in January	
February	----	0 in February	
March	----	0 in March	
April	----	0 in April	

4.2 Quality Management

- **Activities this month**

- HART-GEC Quality Assurance (QA) staff weekly meeting to discuss overall Project QA/Quality Control (QC) issues with consultants, contractors, subs and internal staff.
- Continued training and mentoring HART employees to ensure project participants are familiar with the latest approved plans and procedures, and have acquired required certifications.
- Closing out 2012 QA Audit Schedule: Only one open QA Audit left to close.
- Updating and implementing the Combined QA and Safety & Security (SS) Audit Schedule for 2013. Conducted: HART Internal Combined QA and SS Audit Report issued on 3/15.
- Continued updating Project Baseline Plans and Procedures due to: new policies, re-organization, process improvement and lessons learned from the internal audits and PMOC suggestions.
- Conducted Bi-weekly Quality Task Force (QTF) meetings with 10-contractors and consultants' QA teams to discuss status of: design activities; procurement activities; packaging, shipping, storage and preservation; NCRs and quality compliance and improvement.
- GEC II (Parsons Brinckerhoff, Inc. [PB]):
 - Performed four (4) QA training of PB staff.
 - Performed two (2) internal QA Surveillance of Design & Engineering and Airport Station Group.
- West Oahu/Farrington Highway Guideway (WOFH) – Kiewit Infrastructure West Co. (KIWC):
 - Closed QA System Audit of KIWC. (Audited WOFH and KHG together).
 - Approved WOFH/KHG QAP (Revision 3) and reviewing Inspection and Test Plan (ITP) Revision 3 submitted on 3/22.
- Maintenance and Storage Facility (MSF) – Kiewit Kobayashi Joint Venture (KKJV):
 - Approved QAP (Revision 2) and Inspection and Test Plan submitted by KKJV.
 - Reviewing HNTB Corrective Action on NCR for constructability review requirements.
- Kamehameha Highway Guideway (KHG) – KIWC:
 - QA/QC activities same as the WOFH contract.
- Core Systems Contract (CSC) – Ansaldo Honolulu Joint Venture (AHJV):
 - Attended and participated in the Definitive Design Reviews of Rolling Stock and Systems presented by AHJV and subs.
 - Completed review of 3 Quality Plans of AHJV-approved sub-contractors (Siemens, Alcatel-Lucent and Johnson Controls). Following-up closure of comments issued.
- Farrington Highway Stations Group (FHSG) – HDR Engineering, Inc. (HDR):
 - Participated in the weekly design review meetings.
 - Reviewed HDR Corrective Actions on NCRs issued by HART during the audit.
 - Preparing for the Contract Close-out including a Checklist for QA Records.
- Airport Guideway and Utilities (Airport)– AECOM Technical Services, Inc. (AECOM):
 - Reviewing AECOM QAP (Revision 3) for the AUG.
 - Conducted HART QA Design Surveillance on 3/26.
- City Center Guideway and Utilities (City Center) – AECOM:
 - Performed QA Surveillance of AECOM QA Audit of their Subcontractor RHA on 3/21.
 - Conducted HART QA Design Surveillance on 3/26.
- West Oahu Stations Group (WOSG) – URS Corp. (URS):
 - Issued Design Process QA Audit Report to URS.
 - Reviewed URS Drilling and Sampling Plan.
- Airport Station Group – AECOM:
 - Conducted HART QA Design Surveillance on 3/29.
- Kamehameha Highway Stations Group (KHSG) – (AVA):
 - Reviewed and approved QAP (Revision 0) for KHSG.

- **Open Nonconformance (NCR) Log Summary**

NCR No.	Issued by	Reference/Activity	Corrective Action	Status
HART				
13-002-QA01	HART	Current established Internal Plans and Procedures do not reflect current practices	Update plans and procedures to reflect re-organization, new policies, process improvements and lessons learned	Open
13-002-QA02	HART	Contract Change Management Procedure No. 5.CA -02 does not reflect current practice	Accelerate revision and implementation of Procedure No. 5.CA-02 Contract Change Management	Open
13-002-QA03	HART	Not all CMS users have attended basic training per Procedure 3.PM-01 Contract Management System	Verify authorized users with access to CMS and identify users needing training, and perform training	Open
West Oahu / Farrington Highway Guideway (WOFH) DB Contract				
058	KIWC	Column 62 Bearing Pad Placement	Follow work plan; green tag for repair	Open*
059	KIWC	Column 63 Bearing Pad Placement	Follow work plan; green tag for repair	Open*
057	KIWC	Column 69 Drain Piping	Follow work plan	Open*
051	KIWC	Pier 75 Bearing Plinths Rebar Place	Add QC inspection point to confirm elevation	Open*
050	KIWC	Pier 76 Bearing Plinths Rebar Place	Add QC inspection point to confirm elevation	Open*
049	KIWC	Concrete Column Finish Pier 76	Stand-down to discuss importance of quality	Open*
042	KIWC	HECO 1-508-E1 Backfill Compaction	Compaction HP requires QA Inspector's release	Open*

*** Open Items to be closed when Construction commences**

- **Look Ahead**

- Continue mentoring and training personnel on revised approved Project Plans and procedures.
- Continue QA/QC, Environmental and Buy America Compliance Oversight of Contracts executed to date.
- Complete/Close-out 2012 QA Audit Schedule. Update and implement the 2013 Combined Management Systems (QA and Safety & Security) Audit Schedule.
- Follow up on and close corrective and preventative actions on all NCRs and Observations issued.
- Review Contractor/Consultant QAPs and implementing procedures (new and updates).

4.3 Right-of-Way

- **Activities this month**

- Acquisitions:
 - Discussed changes due to alignment and station location at the Airport.
 - A check was issued to the First Circuit Court in order to advance the condemnation of TMK 9-7-23-008, a partial take for roadway widening along Kamehameha Highway.
- Relocations:
 - At the Chinatown Station location, the master tenant terminated his lease and upon investigation HART found a residential tenant that requires relocation.

- Budget:
 - No expenditures were made during the reporting period.
 - \$36.4M was spent to acquire 21 properties. The budgeted amount was \$36.8M resulting in a budget underrun of \$0.4M.
 - \$2.3M has been expended for relocations.
- **Look Ahead**
 - WOFH Section
 - Re-appraise TMK 9-4-047-008, a partial take for the West Loch Station.
 - Kamehameha Section
 - Complete negotiations for partial takes associated with TMK 9-7-022-008 and TMK 9-7-022-021.
 - Complete acquisition of TMK -9-8-009-017, a full take for the Pearl Ridge Station.
 - Airport Section
 - Complete the appraisal process for TMK 1-1-016-007, a partial take along Waiwai Loop.
 - Complete acquisition of TMK 1-1-16-015, a full take for the Lagoon Station.
 - Complete negotiations for TMK 1-1-16-14, a full take for the Lagoon Station; and TMK 1-1-16-006 and TMK 1-1-16-005, full takes needed for the guideway.
 - Secure consents to do geotechnical testing and environmental assessments on properties along the proposed guideway and stations.
 - City Center Section
 - Acquisitions on hold until conditions of federal court order are met.
 - HART will relocate residential tenant from Chinatown station property.
 - Secure consents to do geotechnical testing and environmental assessments on properties along the proposed guideway and stations.

Figure 31. 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	37	0	1	5	6	16
WOFH	14	14	0	0	1	1	12
KHG	5	3	0	0	0	1	2
Airport	5	4	0	0	3	1	0
City Center	16	16	0	1	1	3	2
PARTIAL ACQUISITION							
Total	163	134	8	2	4	2	7
WOFH	18	10	2	1	0	0	6
KHG	21	7	4	0	3	0	0
Airport	31	35	2	1	0	0	1
City Center	93	82	0	0	1	2	0
EASEMENTS							
Total	12	13	4	0	0	0	3
WOFH	6	6	3	0	0	0	3
KHG	0	1	1	0	0	0	0
Airport	1	1	0	0	0	0	0
City Center	5	5	0	0	0	0	0
GRAND TOTAL	215	184	12	3	9	8	26

FEIS = Final Environmental Impact Statement, June 2010

Figure 32. Relocation Status

	Total Relocations	Initiated	90-day Notice	30-day Notice	Relocations Complete
Residential	27			0	26
<i>WOFH</i>	<i>25</i>			<i>0</i>	<i>25</i>
<i>City Center</i>	<i>2</i>				<i>1</i>
Business	66	10	1	0	12
<i>WOFH</i>	<i>5</i>	<i>1</i>	<i>1</i>		<i>3</i>
<i>KHG</i>	<i>4</i>		<i>0</i>	<i>0</i>	<i>4</i>
<i>Airport</i>	<i>7</i>	<i>6</i>			
<i>City Center</i>	<i>50</i>	<i>3</i>	<i>0</i>		<i>5</i>
Not-For-Profit	1				1
<i>WOFH</i>	<i>1</i>				<i>1</i>
TOTAL	94	10	1	0	39

Figure 33. Third-Party Agreement Status

Agreement	Completion	Target	Section	Status
University of Hawaii (UH) Master Agreement	Pending	July 2013	WOFH, KHG, City Center	Approval in concept was given by Board of Regents in April. Final agreement will be submitted to Board of Regents for approval May 16, 2013.
Leeward Community College (LCC) Sub-agreement	Pending	July 2013	WOFH	See UH Master Agreement.
UH West Oahu (UHWO) Sub-agreement	Pending	July 2013	WOFH	See UH Master Agreement.
Department of Land and Natural Resources (DLNR)	Pending	June 2013	WOFH	Will go before the Land Board at the end of May.
Department of Education Master Agreement and Consent to Construct	Feb 8, 2011		WOFH	Executed
DR Horton Agreement for Construction	Mar 7, 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.
DHHL License or Property Transfer	Pending	July 2013	WOFH, MSF	License agreement is being finalized for signature.
HDOT Master Agreement	Oct 31, 2011		WOFH	Executed
HDOT Joint Use & Occupancy (JU&O) Sub-agreement	Apr 5, 2012		WOFH	Executed
UH Urban Garden Sub-agreement	Pending	July 2013	KHG	See UH Master Agreement.
HDOT Master Agreement	Pending	July 2013	KHG	Matter has been elevated. A City Council master agreement is being developed.
HDOT JU&O Sub-agreement	Pending	August 2013	KHG	Will complete after KHG Master Agreement is completed.
Aloha Stadium / Department of Accounting & General Services (DAGS)	Pending	May 2013	KHG	Revised MOU scheduled to go to Stadium Board April 25 and DLNR Land Board in May.
U.S. Navy / General Services Administration (GSA)	Pending	N/A	Airport	Anticipate WOFH and Kamehameha easements complete by May 2013. Navy is processing 15 Airport Guideway Easements as one package.
U.S. Post Office Honolulu Processing Center	Pending	February 2014	Airport	Initiated request to secure an easement for Post Office Property. Awaiting design.
Federal Aviation Administration (FAA) Master Agreement	Pending	February 2014	Airport	As design progresses a determination will be made if an agreement is required.
HDOT Master Agreement	Pending	February 2014	Airport	Awaiting resolution of Kamehameha Agreement prior to completing HDOT Airport Agreement.
HDOT JU&O Sub-agreement	Pending	March 2014	Airport	Will complete after Airport Master Agreement is completed.
HDOT Master Agreement	Pending	June 2014	City Center	Pending awaiting completion of the KHG and Airport master agreement. On hold due to federal order.
HDOT JU&O Sub-agreement	Pending	July 2014	City Center	Will complete after City Center Master Agreement is completed.
Honolulu Community College (HCC) Sub-agreement	Pending	July 2014	City Center	Please see UH Master Agreement.
Federal Court House/GSA	Pending	Oct 2014	City Center	HART is reviewing the GSA draft agreement. Conducting monthly meetings with parties. On hold due to federal order.
HI Community Development Agreement (HCDA)	Pending	Oct 2014	City Center	Awaiting final design requirements for the guideway. On hold due to federal order.
DAGS	Pending	Oct 2014	City Center	Awaiting final design requirements for the guideway. On hold due to federal order.

4.4 Planning and Environment

• Activities this month

- Programmatic Agreement (PA) [by PA Stipulation number]
 - II. Traditional Cultural Properties (TCPs):
 - Draft City Center TCP studies were in review at HART in early April with review documents made available to Consulting Parties at the end of the month. Consultation meetings have been scheduled for early May.
 - III. Identification and Protection of Archaeological Sites and Burials-Archaeological Inventory Surveys (AIS):
 - Section 3 (Airport) AIS: The draft Airport AIS Report was submitted to the State Historic Preservation Division (SHPD) for review on March 4. It is available for public review on the HART website <http://honolulustransit.org/planning/iii-identification-and-protection-of-archaeological-sites-and-burials.aspx> under AIS Report Airport. SHPD returned comments by March 29. Revisions are underway.
 - Section 4 (City Center) AIS: The draft City Center AIS Report was submitted to SHPD for review on April 8. It is also available for public review on the HART website noted above under AIS Report City Center.
 - Outreach continues to potential descendants for the 7 iwi kūpuna finds in the Honolulu Ahupua‘a.
 - IV. Design Standards:
 - A Consulting Party workshop on the final design plans for the Farrington Highway Station Group (West Loch, Waipahu Transit Center and Leeward Community College Stations) was held on April 25.
 - 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)] is in progress for additional properties.
 - VI. National Register of Historic Places/Historic Landmark Nominations:
 - Preparation of National Register (NR) nomination forms for adversely affected historic properties is in progress. NR forms for bridges in the project corridor will be coordinated with the Hawaii Department of Transportation bridge inventory that is currently in progress. Mother Waldron Playground/Park nomination forms were submitted to SHPD for review in late April.
 - IX. B. Historic Preservation Program:
 - Pre-applications for a portion of the \$2 million in historic preservation funds were due on March 15.
 - The Historic Preservation Committee is reviewing the applications received. Invitations to submit full applications will be sent to selected applicants in May.
- Mitigation Monitoring Program (MMP)
 - MMP Reporting:
 - Internal March monthly reports were completed.
 - The first quarterly report for 2013 is in preparation for submittal to FTA at the end of April.
 - A field trip to investigate stream crossings in the HRTP corridor was conducted on April 17 with staff from HART, its consultants, the U.S. Fish and Wildlife Service and the National Oceanic and Atmospheric Administration - Fisheries.
- Planning Activities
 - HART and DPP continue to conduct monthly meetings to discuss Transit-Oriented Development (TOD) around the future transit stations, with a meeting held on April 19.

- Monthly HART Sustainability Committee Meetings continue as the team works to identify ways to improve the support of green features project-wide. A meeting was held on April 12.
- **Look Ahead**
 - Report Reviews:
 - Airport AIS Report public reviews conclude
 - Traditional Cultural Properties Study Consulting Party reviews begin
 - City Center AIS SHPD and public reviews conclude
 - Cultural Descendant Outreach and Meetings regarding iwi kūpuna finds continue.
 - Historic Preservation Committee to invite selected parties to submit full applications.
 - Farrington Highway Station Group Final Design neighborhood workshop TBD.
 - Traditional Cultural Properties Consulting Parties consultation meetings.

4.5 Risk Management

- **Activities this month**
 - The risk matrix in Figure 34 on the next page is used to score and rank identified risks. Risks have been assessed on probability of occurrence and most likely cost and schedule impact, if they occur. The rating is the average cost and schedule impact score multiplied by the likelihood score.
 - The top 10 risks in March are set out in Figure 35 on the next page. Top 10 risks for March remained the same as those identified in February.
 - As shown in Figure 36 on page 54, 1 new risk was added.
 - **Risk #172 (MSF)** - KKJV is waiting for payment of the additional design work requested by HART. Once payment is received they will submit the drawings for the additional design.
 - In March, 7 risks were deleted from the Risk Register, as shown in Figure 37 on page 54.
 - The total number of risks decreased by 6, from 339 to 333 risks in March, as 7 risks were deleted and 1 risk was added. See Figure 38 on page 55.
 - 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 for top risks.
 - Monthly Risk Assessment Committee Meeting.

Figure 34. Risk Matrix

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

Figure 35. Top 10 Project Risks in March

Risk ID	SCC Code	Contract Package	Risk Description	Prob	Prob Rating	Cost Impact	Time Impact	March Risk Rating	Feb. Risk Rating
60e	10.04	Project Wide	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
33	40.07	Project Wide	HDOT and DTS may require an upgrade to impacted intersections which would result in redesign and additional costs..	90%	5	5	2	17.5	17.5
11b	40.02	Project Wide	There may be insufficient Utility company resources available to meet the design, approvals and/or construction schedule. (Public Utilities - water, sewer, storm drain)	90%	5	4	3	17.5	17.5
PMOC26	10.04	Project wide	Implementation of modular station designs may impact guideway structure, require redesign and result in additional construction costs.	75%	5	5	2	17.5	17.5
28	40.04	Project Wide	Permits and approvals by other agencies may not be provided in a timely manner and delay the project.	75%	4	5	3	16	16
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	14
163	40.02	Project Wide	FTA requirement that all utility companies conform to Buy America requirements may cause delays and additional costs.	75%	4	5	2	14	14
169	60.01	City Center	Environmental documentation required under the Federal court case takes longer than planned, resulting in delays to ROW purchase for City Center.	75%	4	4	3	14	14
56	40.02	Project Wide	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
167	10.04	Project Wide	AIS construction delay is longer than originally anticipated (9-12 months).	50%	3	5	3	12	12

Figure 36. Risks Added in March

Risk ID	SCC Code	Contract Package	Risk Description	Cal Prob	Prob Rating	Cost Impact	Time Impact	Risk Rating
172	90.00	MSF	Difficulty in negotiations of change orders results in delayed submission of extra design work. (ex. CSC changes and "Tiger Team")	75%	4	2	2	8

Figure 37. Risks Deleted in March

Current Risk ID	SCC Code	Contract Package	Risk Description	March 2013 Comments	Risk Rating	
					March '13	Feb. '13
70	20.02	WOFH	East Kapolei Station design could change, based on hydraulic and geotech study, and additional costs may be incurred.	Near Kaloi Chanel which requires additional design due to stable chanel. These changes do not impact WOFH, only the station contract - see risk #133. Risk has been deleted.		4
72	20.02	WOFH	UH West Oahu Station design could change, based on hydraulic and geotech study, and additional costs may be incurred.	Near Kaloi Chanel which requires additional design due to stable chanel. These changes do not impact WOFH, only the station contract - see risk #135. Risk has been deleted.		4
161a	40.04	WOFH	Potential that DPP stormwater requirements that are to be adopted in May 2013 may require redesign of contracts not complete with final design.	Risk is deleted because it is not an impact to WOFH.		2.5
94a	50.01	WOFH	Equipment, structures, etc. supplied by other contractors may not meet criteria required by Core Systems Contractor.	Risk has been deleted because it is a duplicate of 39 and 58. Any changes that CSC initiates after the WOFH design is finalized, will be on CSC to adjust their design and the risk is covered in the CSC risk register. Additional costs will not be incurred by guideway contractors.		7.5
94b	50.01	KHG	Equipment, structures, etc. supplied by other contractors may not meet criteria required by Core Systems Contractor.	Risk has been deleted because it is a duplicate of 39 and 58. Any changes that CSC initiates after the KHG design is finalized, will be on CSC to adjust their design and the risk is covered in the CSC risk register. Additional costs will not be incurred by guideway contractors.		7.5
94d	50.01	Airport Guideway	Equipment, structures, etc. supplied by other contractors may not meet criteria required by Core Systems Contractor.	Risk has been deleted because it is a duplicate of 39 and 58. Any changes that CSC initiates will be on CSC to adjust their design and the risk is covered in the CSC risk register. Additional costs will not be incurred by guideway contractors.		7.5
94e	50.01	City Center Guideway	Equipment, structures, etc. supplied by other contractors may not meet criteria required by Core Systems Contractor.	Risk has been deleted because it is a duplicate of 39 and 58. Any changes that CSC initiates will be on CSC to adjust their design and the risk is covered in the CSC risk register. Additional costs will not be incurred by guideway contractors.		7.5

Figure 38. Risks by Contract Package

Contract Packages	February 2013 # of Risks		March 2013 Update				
			Total # of Risks		Newly Sub-Divided Risks	New Risks	Deleted Risks
Project Wide	69	18	69	18*	0	0	0
WOFH	53		49		0	0	4
MSF	21		22		0	1	0
KHG	42		41		0	0	1
Core Systems Contract	19		19		0	0	0
Right of Way	11		11		0	0	0
Airport Guideway	51		50		0	0	1
City Center Guideway	57		56		0	0	1
Project Wide Stations	3		3		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	339	288	333	282*	0	1	7

*51 Project Wide risks were determined to be applicable to various contracts and have been sub-divided into those contracts and evaluated at the contract level. Total number of risks contained in the risk register is 333. There are a total of 282 risks when excluding the duplicated Project Wide risks.

4.6 Community Outreach

• Activities this month

- HART's public outreach in April included key presentations at colleges and at community events, including Hawaii's Science and Engineering Fair. Community connections were made at local events, including displays and presentations for local business groups and organizations, such as the American Business Women's Association, Hawaii-Chapter, WTS events and the Pacific Rim International Conference on Disability & Diversity.
- HART Executive Director and CEO Dan Grabauskas and HART Board of Directors Chairwoman Carrie Okinaga joined Honolulu Mayor Kirk Caldwell and Honolulu City Council Chairman Ernest Martin on a visit to Washington D.C. The group met with Federal Transit Administration officials and with Hawaii's Congressional delegation to update them on the rail project.

Figure 39. HART Executive Director and CEO Daniel Grabauskas; Honolulu Mayor Kirk Caldwell; U.S. Department of Transportation Secretary Ray LaHood; Federal Transit Administrator Peter Rogoff; HART Board of Directors Chairwoman Carrie Okinaga; and Honolulu City Council Chairman Ernest Martin.



- Media coverage included stories on the HART CEO's first year on the job; integration efforts between Oahu's bus and rail systems; and the inclusion of \$250 million in federal funding in President Obama's recently released federal budget.

Figure 40. HART's CEO speaks to members of Hawaii's Air Cargo Alliance regarding the rail project's plans for the airport portion of the alignment.



- **Community Input**

- HART's public information team responded to 15 public inquiries this month that came in via the agency's website, email and 24-hour hotline. Questions this month included inquiries regarding property acquisition and the transit art program.

- To date, HART's outreach team has participated in:
 - 1,424 presentations and events
 - 746 Neighborhood Board meetings
- **Looking Ahead**
 - Coming in May:
 - HART's outreach events include "green" events focused on environmental sustainability, and meetings with local rotaries and business groups.
 - HART unveils a model of one of its 21 stations.

5 STAFFING

HART staffing activities in April are summarized in Figure 41 below. HART staffing projections are shown in Figure 42 below and Figure 43 on the next page. For organizational structure detail, see the latest HART Project Organization Chart in Appendix A on page 60.

Figure 41. Staffing Activities

Title	Group	New/Existing HART position (City or PMSC)	Position Status	Start Month
Engineering and Construction				
Construction	Engineering	New (PMSC)	Filled - PMSC	Apr
Assistant Project Manager (CE III)	Airport & City Center	New (City)	Interviewing	
Budget and Finance				
Procurement and Specifications Specialist I/II*	Procurement and Contracts	Existing (City)	Interviewing	
Procurement and Specifications Specialist III/IV/V*	Procurement and Contracts	Existing (City)	Interviewing	
Grants/Financial Planner	Grants/Financial	Existing (City)	Recruiting	
Deputy Procurement Officer	Procurement/Contracts	New (City)	Interviewing	
Internal Controls Analyst	Internal Controls	New (City)	Interviewing	
Accountant IV	Accounting	New (City)	Filled	Apr
Planning, Utilities, Permits & Right of Way				
Architectural Historian	Planning	New (City)	Filled	Apr
Planner V/VI* (Permits/Hazmat)	Utilities, Permits	New (City)	Recruiting	
Project Controls				
Scheduler	Project Controls	Existing (City)	Filled	Apr
System Safety & Security				
Safety Certification Manager	System Safety and Security	New (PMSC)	Selected	Jul
Safety Specialist	System Safety and Security	New (City)	Filled	Mar
Civil Rights				
Civil Rights Specialist (DBE, EEO, Certified Payroll)	Civil Rights	New (City)	Selected	May
Administrative Services				
Information Technology Support Technician II	Administrative Services	Existing (City)	Filled	Apr
Information Technology Support Technician I/II*	Administrative Services	Existing (City)	Selected	May

*Per qualifications.

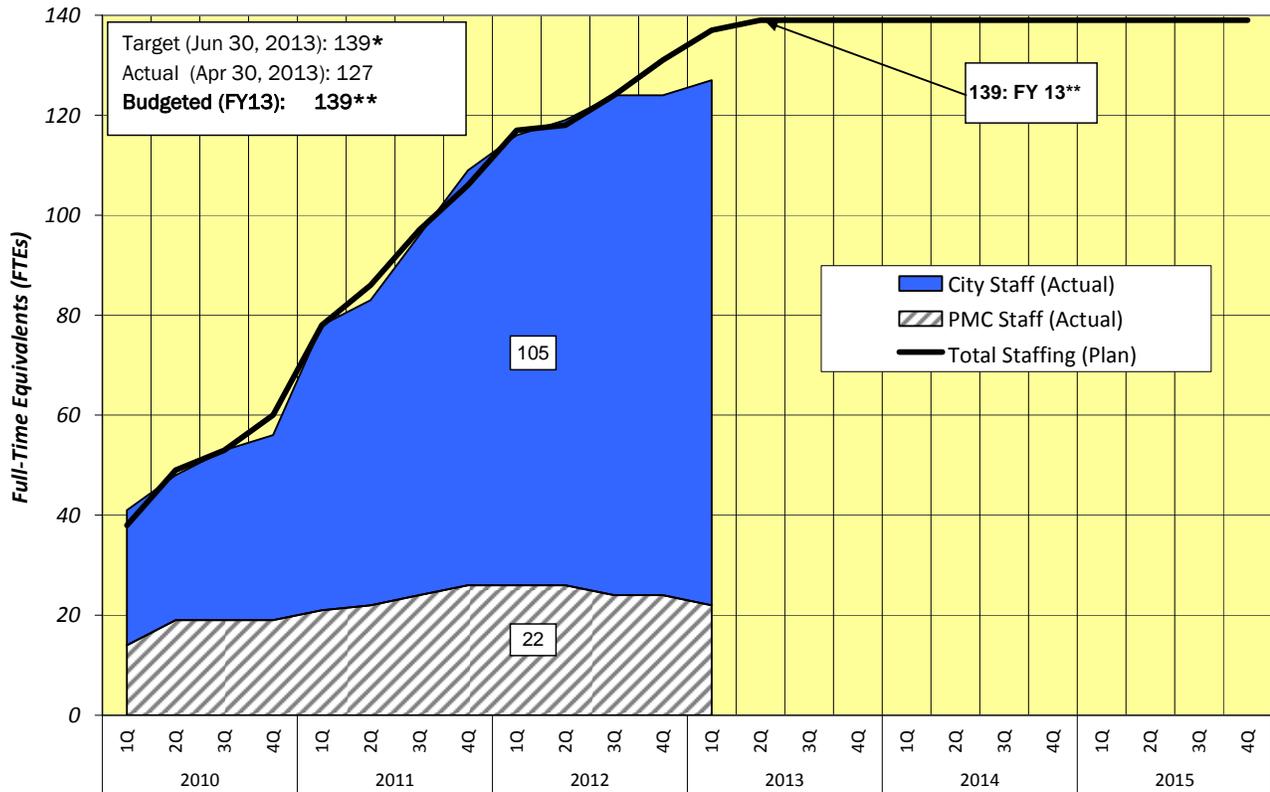
Figure 42. HART Staffing Projection in the Current Staffing Plan

<i>[Also see the Project Staffing (Actual vs. Planned) graph in Figure 43]</i>	as of:	# Employees
Target*	Jun 30	139
Actual*	Apr 30	127
Full-Time Employees budgeted for FY13**	Jul 1	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 from the State of Hawaii Department of Transportation (HDOT) on Consultant Services Contracts.

Figure 43. Project Staffing (Actual vs. Planned)



* In accordance with Staffing and Succession Plan Rev 5, dated 5-25-12

** 139 positions authorized in FY 2013 HART Operating Budget

6 APPENDICES

Appendix A. Project Organization Chart

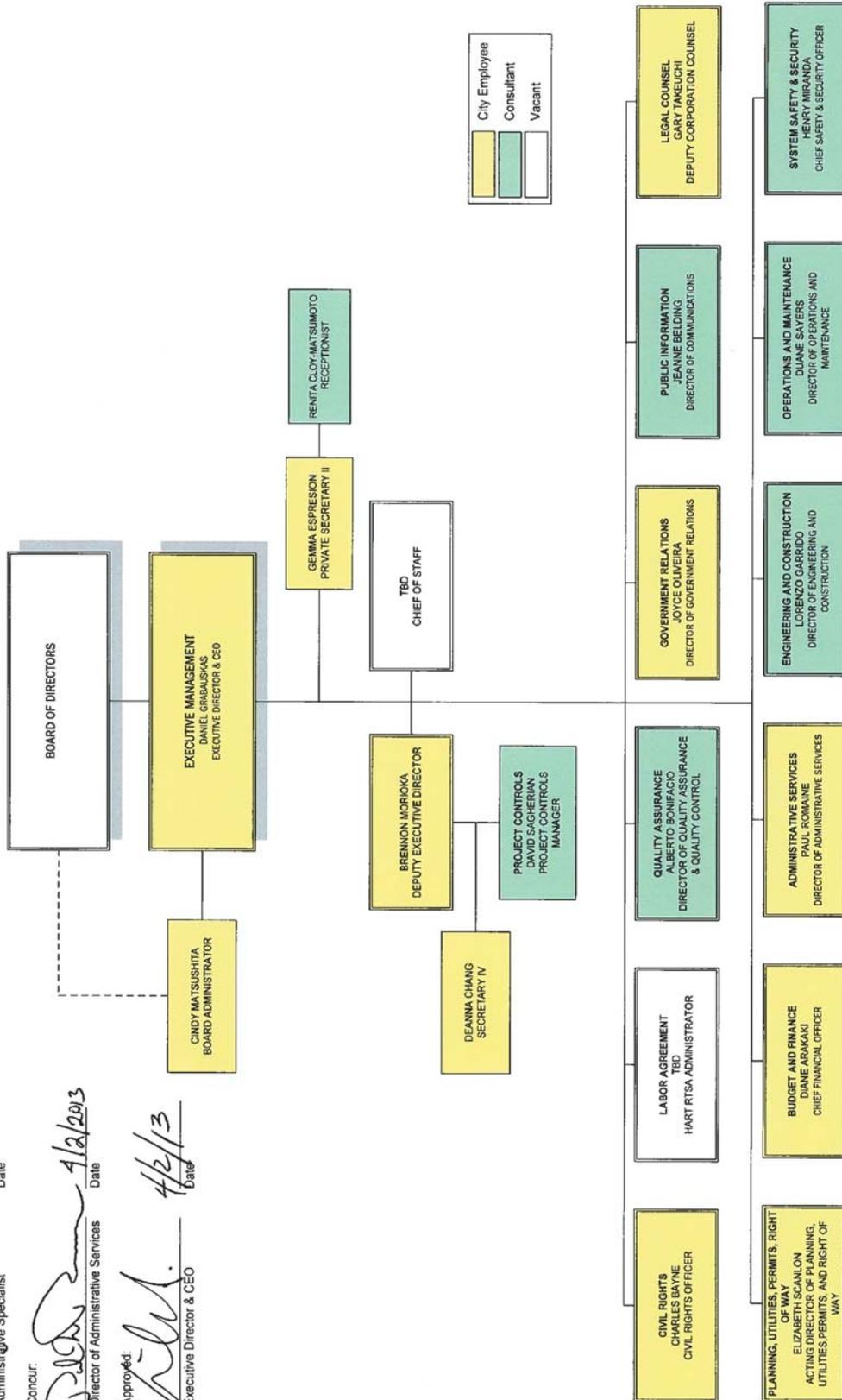
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

APRIL 2, 2013

Prepared by:
Waihan De
 Administrative Specialist
 Date: 4/2/2013

Concur:
[Signature]
 Director of Administrative Services
 Date: 4/2/2013

Approved:
[Signature]
 Executive Director & CEO
 Date: 4/2/13



Appendix B. Project Alignment

