

HONOLULU RAIL TRANSIT PROJECT

NOVEMBER 2011

*Based on data date cut-off of
October 28, 2011.*



MONTHLY PROGRESS REPORT

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

www.HonoluluTransit.org

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 A-2 Project Alignment

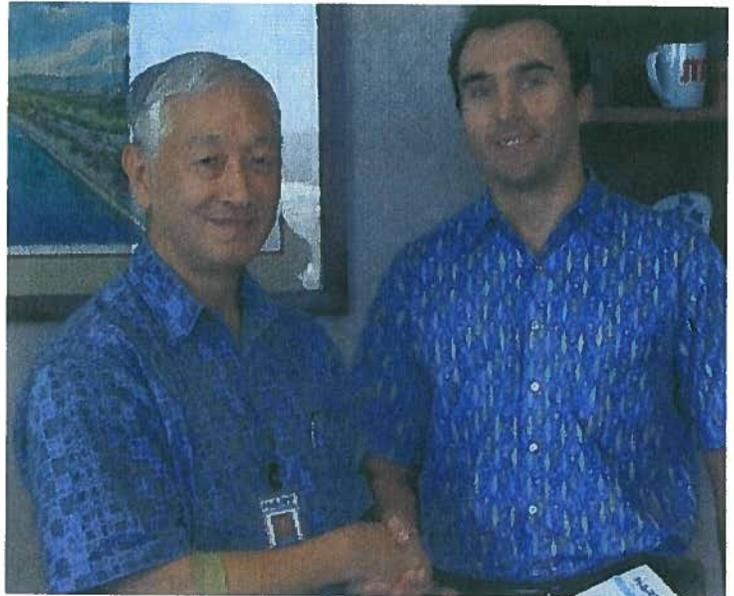
1. EXECUTIVE SUMMARY

1.1 PROJECT HIGHLIGHTS AND MILESTONES ACHIEVED

1.1.1 In a joint November 29 press release from Senate Committee on Appropriations Chairman Daniel K. Inouye and Senator Daniel K. Akaka, the Honolulu Rail Transit Project is eligible to share in an allocation of \$510,000,000 in federal funds next year provided the City and County of Honolulu and the Federal Transit Administration (FTA) sign a full-funding grant agreement (FFGA) by the end of calendar year 2012. The rail funding is included as part of the allocations for fiscal year 2012 projects included in the Conference Report on H.R. 2112, the Consolidated and Further Continuing Appropriations Act, 2012, after approval by the U.S. Senate and signed by President Barack Obama.

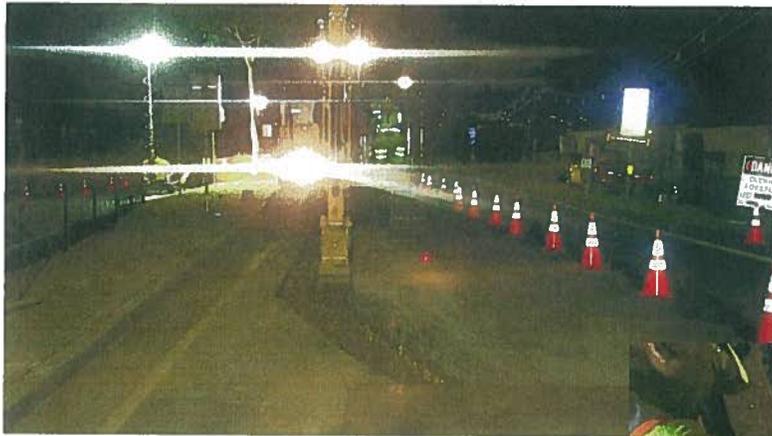
“Federal funds are hard to come by in the current budget climate and Honolulu has an opportunity to secure substantial federal support for this long awaited project designed to help alleviate traffic on Oahu. Rail transit will create thousands of jobs and bring welcome relief to commuters who are forced to spend hours in their cars each day inching through congested roadways. We have planned this project and debated its merits for decades and we must move forward. We must set aside our differences and work together. I remain committed to this project and will continue to do everything I can to direct federal funds to the work and ensure its timely completion,” said Senator Inouye.

1.1.2 The Honolulu Authority for Rapid Transportation (HART) finalized the core systems contract November 28 with Ansaldo Honolulu JV, moving the project forward with the design and construction of the rail vehicles and the train control system. Ansaldo was awarded the \$1.4-billion core systems contract in March 2011 but execution of the contract has been constrained due to protests and legal challenges by the unsuccessful proposers. The contract includes \$574 million for the design, construction and delivery of 80 train vehicles and train control systems, and \$830 million in operations and maintenance over a 14-year period. The contract calls for the delivery of the first 16 vehicles in 2014 and for the remainder in 2018.

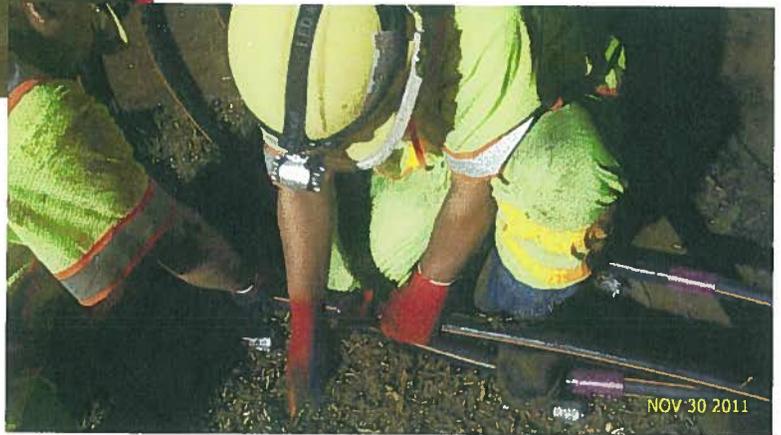


(At right): Toru Hamayasu, HART's interim executive director and CEO, congratulates Ansaldo Honolulu JV's Project Manager, Enrico Fontana.

1.1.3 Recent photographs of current field activities.



(At left): Trench excavation for AT&T duct line on Farrington Highway; (Below): Splicing AT&T duct lines for installation.



(At Left and below): Archaeological Inventory Survey (AIS) trenching work.



1.2 HART Board – Upcoming Scheduled Meetings and Events – November and December 2011

- 1.2.1 HART Transit-Oriented Development Committee Meeting
Thursday, November 3, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public
- 1.2.2 **HART Board of Directors Meeting**
Thursday, November 3, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public
- 1.2.3 HART Human Resources Committee Meeting
Thursday, November 17, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public
- 1.2.4 HART Finance Committee Meeting
Thursday, November 17, 9:30 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public
- 1.2.5 **HART Board of Directors Meeting**
Thursday, November 17, 10:30 a.m., Mission Memorial Annex Conference Room, 550 S. King St.
Open to the Public
- 1.2.6 HART Joint Meeting of Finance and Project Oversight Committees
Thursday, November 25, 8:30 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public
- 1.2.7 HART Audit-Legal Matters Committee
Thursday, December 1, 9:00 a.m., Kapolei Hale, Conference Room B, 1000 Uluohia Street
Open to the Public
- 1.2.8 **HART Board of Directors Meeting**
Thursday, December 1, 10:00 a.m., Kapolei Hale, Conference Room B, 1000 Uluohia Street
Open to the Public
- 1.2.9 HART Finance Committee Meeting
Thursday, December 8, 8:00 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public
- 1.2.10 HART Project Oversight Committee Meeting
Thursday, December 8, 10:00 a.m., Mission Memorial Annex Conference Room, 550 S. King Street
Open to the Public
- 1.2.11 **HART Board of Directors Meeting**
Thursday, December 29, 10:00 a.m., Kapolei Hale, Conference Room B, 1000 Uluohia Street
Open to the Public

1.3 ISSUES AND ACTIONS TAKEN

The following are issues identified by the FTA's Project Management Oversight Consultant (PMOC) in their Monthly Reports with the actions taken or being taken by HART as appropriate to address and close them. *The updated actions from the previous report are underlined and in italics.* [The new items are indicated with a . Resolved/closed issues are marked as .

- 1.3.1 Utilization of Letters of No Prejudice (LONPs)
Issue: The PMOC has advised the City to be cognizant of the limits of authority with regard to issuing Notices to Proceed (NTPs) and remaining in compliance with FTA reimbursement guidelines.
Action: Contracts are structured to allow specific work to proceed upon issuance of NTPs, thereby giving HART control of activities not covered under FTA automatic pre-award authority. For example, LONP-1 was approved by the FTA and an NTP specific to final design work was issued to the West Oahu/Farrington Highway Guideway (WOFH) design-build contractor. The LONP-2 request, which includes specific limited construction activities over a 14-month period to avoid expensive delays, *is expected to be issued early in 2012.*
- 1.3.2 Master Project Schedule's Critical Path **[CLOSED]**
- 1.3.3 License Agreement with Department of Hawaiian Home Lands (DHHL)
Issue: The PMOC is concerned with the City's need to get a license agreement in place on the Ewa Drum Site, where the MSF will be constructed.
Action: License agreement discussions with DHHL continue. A Right-of-Entry consent for the Ewa Drum Site for construction was approved by the DHHL Board. The final agreement documentation is still going through the legal review. There does not appear to be any issue that will impact the construction schedule for MSF.
- 1.3.4 Selection of a State Oversight Agency (SOA) Consultant and Developing System Safety Program Plans and System Security Program Plans
Issue: Given the significant scope for developing System Safety Program Plans and System Security Program Plans, as well as establishing the associated standards and responsibilities, the PMOC has a concern about the aggressive schedule for bringing on the SOA Consultant.
Action: The procurement process for an SOA Support Consultant is underway with the continuing development of the RFP document. While that effort is being conducted, HART and HDOT have developed an SOA Program Roadmap. HART continues to reconcile the comments from HDOT on the Memorandum of Agreement (MOA).
- 1.3.5 Project Management Support Consultant (PMSC) Re-Procurement
Issue: FTA Region IX requires the PMC contract to be re-procured and the resulting contract to contain the appropriate Federal clauses.
Action: Proposals for PMSC services were submitted September 2 and negotiations with the highest-ranked firm are in progress *and expected execution of the contract is in January 2012.*

2. PROJECT STATUS

2.1 BUDGET/COST

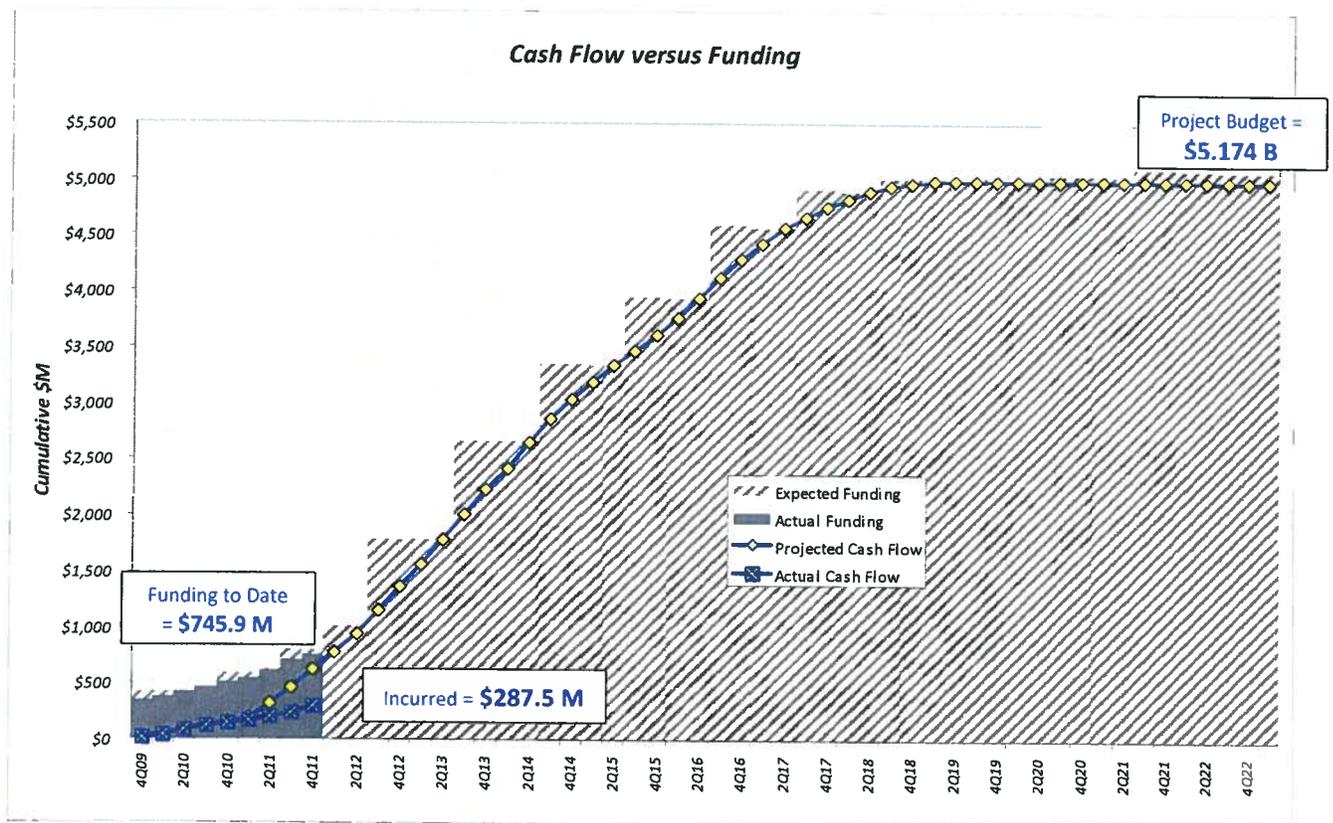
2.1.1 The Total Project Budget for the Honolulu Rail Transit Project, based on the latest Draft Financial Plan (September 2011), is **\$5.174 billion**. This figure reflects the incorporation of cost reductions since the April 2011 draft submittal, which have been reviewed and validated by the Federal Transit Administration’s (FTA’s) consultants, the Financial Management Oversight Contractor (FMOC) and the Project Management Oversight Contractor (PMOC). Concurrence with this latest Financial Plan is one of the last items before approval for entry into Final Design, the next key phase of the project.

[Note: Because the Project Budget has not yet been re-baselined, all budget references in this report are based on the \$5.3 B Budget. However, the Estimate at Completion reflects the basis for the latest Draft Financial Plan (September 2011), which is based on a Project Budget of \$5.174 B.]

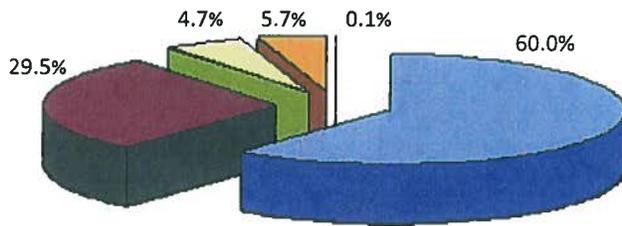
2.1.2 As of October 28, 2011, **\$287.5 million**, or **7.0%**, of the Project Budget has been incurred.

2.1.3 The Project’s Total Budget Contingency is currently **\$846.5 million**, of which \$654.8 million is Allocated Contingency and \$191.7 million is Unallocated Contingency. (See 2.3 Contingency Management.)

2.1.4 Cash Flow versus Funding Status



2.1.4 Sources of Project Funding



- Net General Excise Tax (GET) Surcharge Revenues (\$3,154M)
- FTA Section 5309 New Starts Funding (\$1,550M)
- FTA Section 5307 Formula Funds, including \$4 ARRA Stimulus Funds (\$248M)
- Cash Balance at start of Preliminary Engineering (\$298M)
- Investment Income (\$7M)

Planned Funding

Fund	Planned (*)	Received To Date
Net General Excise Tax (GET)	3,154	383
FTA Section 5309 New Starts	1,550	60
FTA Section 5307 Formula Funds, including ARRA	248	4
Cash Balance - Opening balance @ start of PE (**)	298	298
Investment Income, Other Income	7	1
Totals	\$ 5,257	\$ 746

(*) Per the Sept-11 Financial Plan, Project Capital Costs are planned at \$4.879M, exclusive of financing.
 (**) Opening Cash Balance (Pre-PE) consisted of GET funds and the resulting investment interest.

2.1.5 Cost versus Budget Summary Status

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

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

Report Date: November 2011
Data Date: October 28, 2011

SCC	Category	Current Budget October '11 versus September '11			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		Sept '11	Transfers/ Changes	Oct '11	To Date	Oct '11	To Date	Oct '11	Current Forecast	Change from Last Month
10	Guideway & Track (20 mi)	1,117.82	-0-	1,117.82	509.42	0.00	0.00	0.00	1,135.39	(18.49)
20	Stns, Stops, Terminals (21)	511.43	-0-	511.48	0.00	0.00	0.00	0.00	407.46	(85.00)
30	Support Facilities: Yds, Shops, Adm	91.86	-0-	91.86	91.86	0.00	0.00	0.00	92.31	-0-
40	Sitework & Special Conditions	871.98	+15.00	886.98	355.55	15.00	109.03	5.64	900.04	+22.65
50	Systems	223.21	-0-	223.21	18.52	0.00	0.00	0.00	238.21	-0-
10-50	Construction Subtotal	2,816.30	+15.00	2,831.30	975.36	15.00	109.03	5.64	2,773.41	(80.84)
60	Real Estate	177.10	-0-	177.10	15.38	0.01	15.38	0.01	153.50	-0-
70	Vehicles	189.70	-0-	189.70	0.00	0.00	0.00	0.00	189.70	-0-
80	Professional Services	938.23	+0.05	938.28	384.88	(1.06)	163.05	8.07	949.81	+0.06
90	Project Contingency	861.59	(15.05)	846.54	0.02	0.00	0.00	0.00	812.49	(23.22)
100.01	Finance Charges: Project-eligible	229.86	-0-	229.86	0.00	0.00	0.00	0.00	246.98	+17.12
FTA TOTAL PROJECT		5,212.78	-0-	5,212.78	1,375.64	13.95	287.45	13.72	5,126.89	(86.89)
Non-FTA Eligible Costs										
Finance Charges *		104.57	-0-	104.57	0.00	0.00	0.00	0.00	47.79	(56.78)
GRAND TOTAL PROJECT		5,317.35	-0-	5,317.35	1,375.64	13.95	287.45	13.72	5,173.68	(143.67)

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

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

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

Report Date: November 2011
Data Date: October 28, 2011

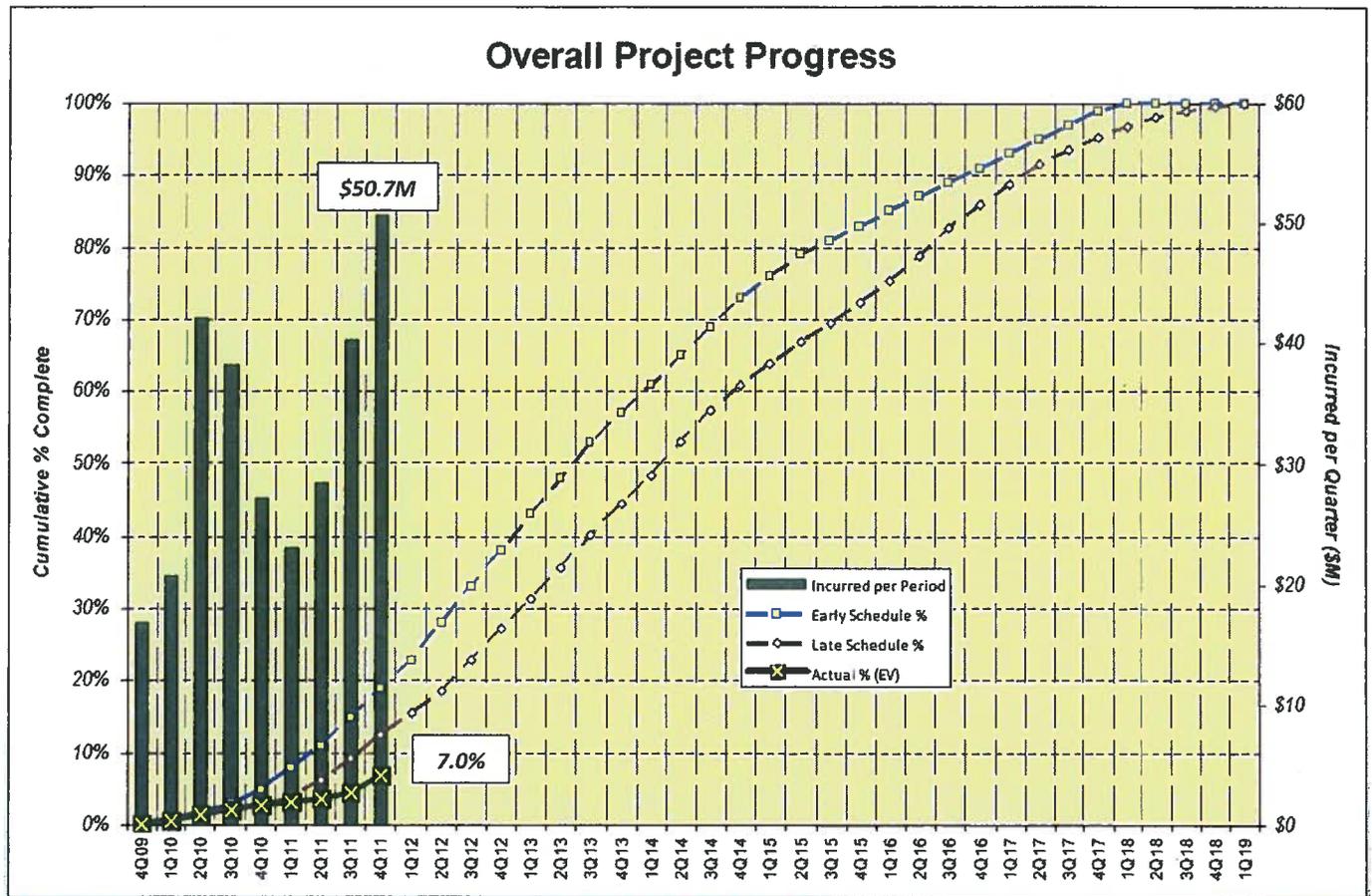
SCC	Category	Current Budget October '11 versus September '11			Commitments		Incurred (Expenditures + Approved for Payment)		Estimate at Completion (EAC)	
		Sept '11	Transfers/ Changes	Oct '11	To Date	Oct '11	To Date	Oct '11	Current Forecast	Change from Last Month
10	Guideway & Track (20 ml)	1,117.82	-0-	1,117.82	509.42	0.00	0.00	0.00	1,185.89	(18.49)
10.04	Guideway: Aerial	1,032.00	-0-	1,032.00	493.58	0.00	0.00	0.00	1,039.97	(18.49)
10.08	Guideway: Retained Cut or Fill	6.44	-0-	6.44	6.44	0.00	0.00	0.00	6.44	-0-
10.09	Track: Direct Fixation	74.85	-0-	74.85	66.71	0.00	0.00	0.00	84.45	-0-
10.11	Track: Ballasted	2.70	-0-	2.70	2.70	0.00	0.00	0.00	2.70	-0-
10.12	Track: Special	1.84	-0-	1.84	0.00	0.00	0.00	0.00	1.84	-0-
20	Stns, Stops, Terminals (21)	511.43	-0-	511.43	0.00	0.00	0.00	0.00	407.46	(85.00)
20.01	At-grade Stn, platform, etc	6.93	-0-	6.93	0.00	0.00	0.00	0.00	6.93	-0-
20.02	Aerial Stn, platform, etc.	373.83	-0-	373.83	0.00	0.00	0.00	0.00	285.05	(69.00)
20.06	Auto parking structure	65.06	-0-	65.06	0.00	0.00	0.00	0.00	65.06	-0-
20.07	Elevators, escalators	65.61	-0-	65.61	0.00	0.00	0.00	0.00	49.61	(16.00)
30	Support Facilities: Yds, Shops, Adm	91.86	-0-	91.86	91.86	0.00	0.00	0.00	92.31	-0-
30.02	Light Mtce Facility	7.53	-0-	7.53	7.53	0.00	0.00	0.00	7.53	-0-
30.03	Heavy Mtce Facility	37.86	-0-	37.86	37.86	(0.00)	0.00	0.00	37.86	-0-
30.04	Storage or Mtce-of-Way Bldg	7.74	-0-	7.74	7.74	0.00	0.00	0.00	7.74	-0-
30.05	Yard & Yard Track	38.74	-0-	38.74	38.74	0.00	0.00	0.00	39.19	-0-
40	Sitework & Special Conditions	871.98	+15.00	886.98	355.55	15.00	109.03	5.64	900.04	+22.65
40.01	Demolition, Clearing, Earthw/	17.24	-0-	17.24	9.89	0.00	0.00	0.00	17.24	-0-
40.02	Site Utilities, Utility Reloc	291.21	-0-	291.21	70.28	0.00	1.00	0.00	290.52	-0-
40.03	Haz Mat'l, Contam soil remove	6.72	-0-	6.72	5.50	0.00	0.00	0.00	6.72	-0-
40.04	Environmental Mitigation	26.72	-0-	26.72	11.04	0.00	0.86	0.00	26.72	-0-
40.05	Site structures, retain walls	19.78	-0-	19.78	7.00	0.00	0.00	0.00	19.78	-0-
40.06	Ped/bike access, landscape	37.54	-0-	37.54	3.46	0.00	0.00	0.00	36.89	-0-
40.07	Auto, bus, van accessways	181.33	-0-	181.33	46.30	(0.00)	0.00	0.00	173.70	-0-
40.08	Temporary Facil, Indirect Cost	291.43	+15.00	306.43	202.08	15.00	107.16	5.64	320.38	+22.65
50	Systems	228.21	-0-	228.21	18.52	0.00	0.00	0.00	238.21	-0-
50.01	Train control & signals	82.68	-0-	82.68	0.00	0.00	0.00	0.00	97.68	-0-
50.02	Traffic signals & crossing prot	10.73	-0-	10.73	0.19	0.00	0.00	0.00	10.73	-0-
50.03	Traction power supply: substn	30.17	-0-	30.17	1.19	(0.00)	0.00	0.00	30.17	-0-
50.04	Traction power distrib: cat	32.86	-0-	32.86	16.41	0.00	0.00	0.00	32.86	-0-
50.05	Communications	54.10	-0-	54.10	0.73	0.00	0.00	0.00	54.10	-0-
50.06	Fare collection sys & equip	9.22	-0-	9.22	0.00	0.00	0.00	0.00	9.22	-0-
50.07	Central Control	3.45	-0-	3.45	0.00	0.00	0.00	0.00	3.45	-0-
10-50	Construction Subtotal	2,816.30	+15.00	2,831.30	975.36	15.00	109.03	5.64	2,778.41	(80.84)
60	Real Estate	177.10	-0-	177.10	15.38	0.01	15.38	0.01	163.50	-0-
60.01	Purch or lease of R/E	160.46	-0-	160.46	15.13	0.00	15.13	0.00	136.86	-0-
60.02	Relocation of existing H/H	16.64	-0-	16.64	0.25	0.01	0.25	0.01	16.64	-0-
70	Vehicles	189.70	-0-	189.70	0.00	0.00	0.00	0.00	189.70	-0-
70.01	Light Rail	171.12	-0-	171.12	0.00	0.00	0.00	0.00	171.12	-0-
70.06	Non-revenue vehicles	13.03	-0-	13.03	0.00	0.00	0.00	0.00	13.03	-0-
70.07	Spare parts	5.55	-0-	5.55	0.00	0.00	0.00	0.00	5.55	-0-
80	Professional Services	938.23	+0.05	938.28	384.88	(1.06)	163.05	8.07	949.81	+0.06
80.01	Prelim Engineering	54.09	+0.05	54.14	65.85	8.30	67.59	1.87	54.14	+0.05
80.02	Final Design	199.97	-0-	199.97	70.96	6.00	0.67	0.10	211.87	+0.01
80.03	Project Mgmt - Design & Construction	321.75	-0-	321.75	208.13	(1.57)	91.61	3.55	322.75	-0-
80.04	Construction Admin & Mgmt	170.83	-0-	170.83	34.52	(13.99)	1.87	1.87	170.83	-0-
80.05	Prof Liability & non-Construct Insur	51.00	-0-	51.00	0.00	0.00	0.00	0.00	51.00	-0-
80.06	Legal; Permits; Review Fees	63.56	-0-	63.56	4.14	0.20	1.08	0.53	67.32	-0-
80.07	Surveys; Testing; Investig; Inspect	5.57	-0-	5.57	0.52	0.00	0.23	0.15	5.57	-0-
80.08	Start-Up	71.45	-0-	71.45	0.78	0.00	0.00	0.00	66.33	-0-
90	Project Contingency	861.59	(15.05)	846.54	0.02	0.00	0.00	0.00	812.49	(23.22)
90.01	Unallocated Project Conting	191.65	-0-	191.65	0.00	0.00	0.00	0.00	181.89	-0-
90.02	Allocated Contract Conting	669.94	(15.05)	654.89	0.02	0.00	0.00	0.00	630.60	(23.22)
100.01	Finance Charges: Project-eligible	229.86	-0-	229.86	0.00	0.00	0.00	0.00	246.98	+17.12
FTA TOTAL PROJECT		5,212.78	-0-	5,212.78	1,375.64	13.95	287.45	13.72	5,125.89	(86.89)
Non-FTA Eligible Costs Finance Charges *		104.57	-0-	104.57	0.00	0.00	0.00	0.00	47.79	(56.78)
GRAND TOTAL PROJECT		5,317.35	-0-	5,317.35	1,375.64	13.95	287.45	13.72	5,173.68	(143.67)

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

2.2 SCHEDULE/PROGRESS

2.2.1 As of the end of October 2011, the Project is forecasting Full Revenue Service in **March 2019**, which is a full nine months ahead of the December 31, 2019 completion date reflected in the revised Draft Financial Plan and the Risk and Contingency Management Plan (RCMP) prepared for Entry into Final Design.

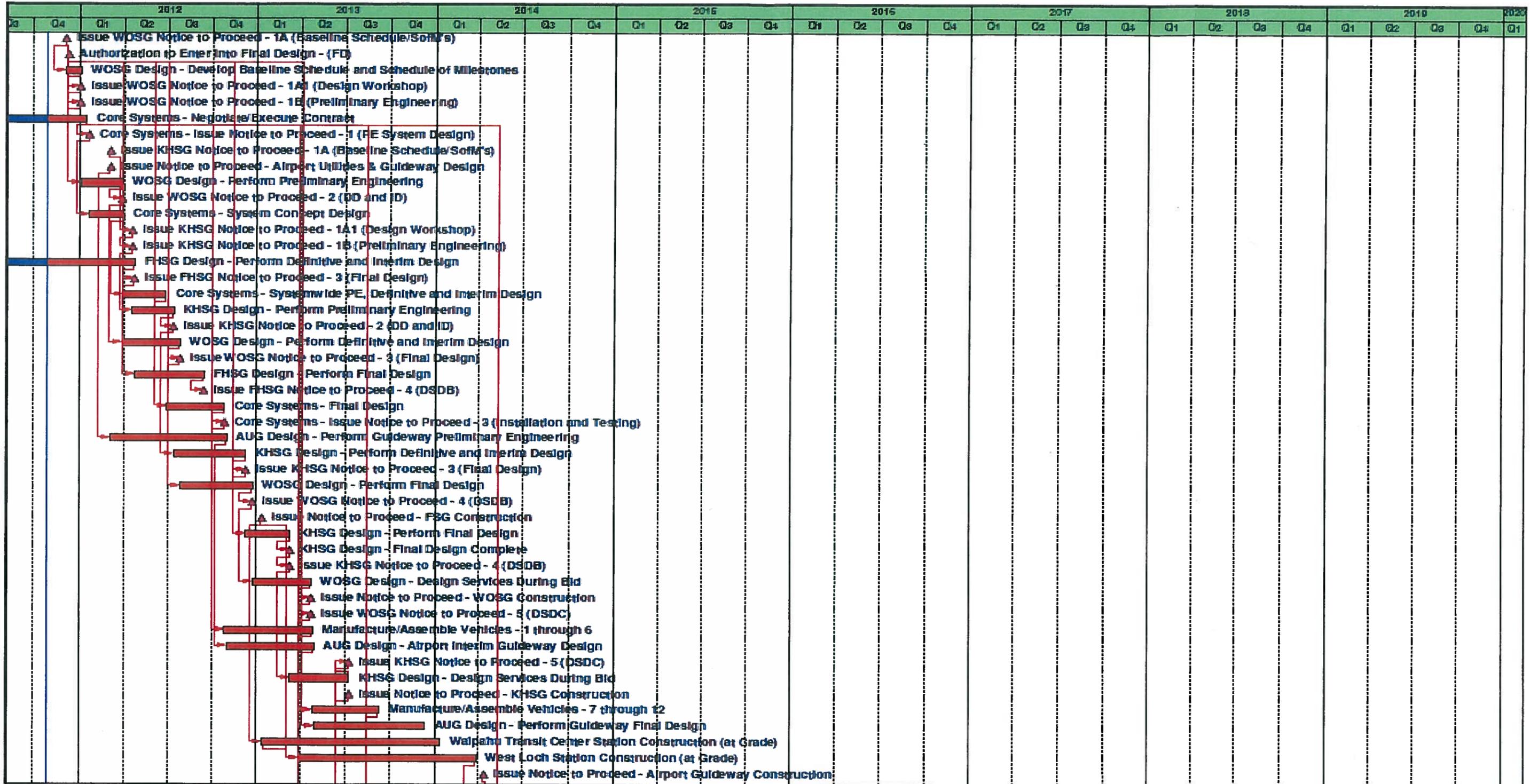
2.2.2 This graphic presents the Project status, based on overall earned value performance against the Early Start/Late Start dates in the Master Project Schedule (MPS). The chart also tracks the Incurred Dollars per Quarter (the “burn rate”).



Exhibits on the following pages:

- 2.2.3 Summary Master Project Schedule
- 2.2.4 Longest Path Schedule Exhibit
- 2.2.5 Linear Project Schedule

2.2.5 Longest Path Schedule Exhibit



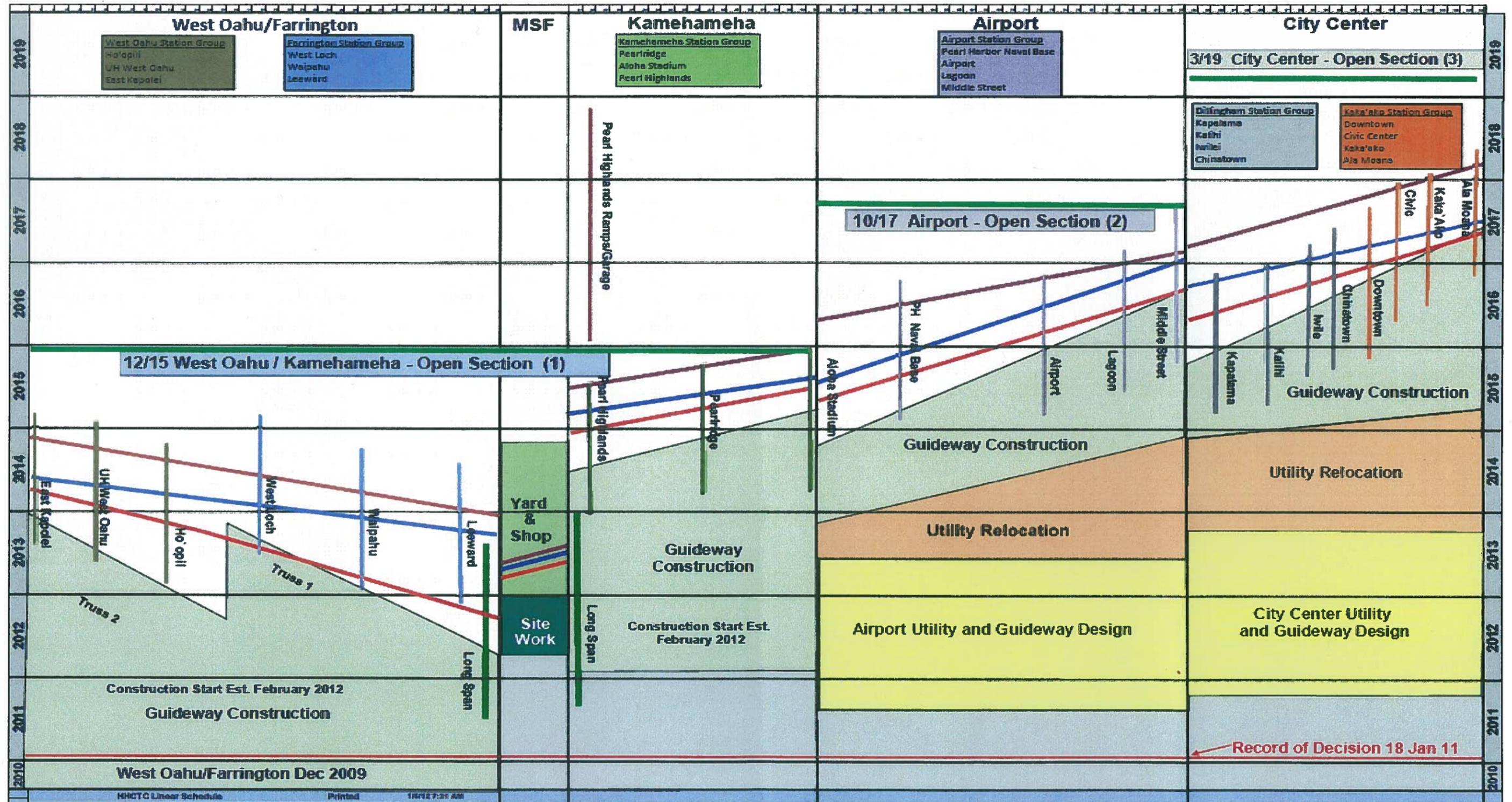
	Remaining Level of Effort		Remaining Work
	Actual Level of Effort		Critical Remaining Work
	Actual Work		Milestone

Honolulu Rail Transit Project
 Longest Path - DRAFT

1 of 2
 Date: 12-16-11
 Data Date: 10-28-11



2.2.6 Linear Schedule



Train Control ▬▬▬
 Traction Power ▬▬▬
 Trackwork ▬▬▬

LINEAR SCHEDULE



2.3 CONTINGENCY MANAGEMENT

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

2.3.1 Current Budget

There were two change orders executed during the month. Both were offset by the utilization of Allocated Contingencies to maintain the Current Budget. The Unallocated Contingency remains the same as the previous month.

Total Contingency - Balance as of Previous Period..... **\$861.6M**

<u>Cost Element - Applicable Contracts</u>	<u>Impact of Forecast Change</u> <u>+Increase/(Decrease)</u>
<ul style="list-style-type: none"> • Chg Order executed for Delay to NTP 4 - Start of Construction (Partial) – WOFH/DB-120 	+\$15.0
<ul style="list-style-type: none"> • Chg Order executed to perform unconsolidated undrained testing – WOFH/DB-120 	+ 0.1

Net Impact of Forecast Changes.....	+\$15.1
Contingency Utilization/Transfers	
<ul style="list-style-type: none"> • Allocated Contingency 	(\$15.1)
<ul style="list-style-type: none"> • Unallocated Contingency 	-0-

Net Impact on Total Contingency.....	(\$15.1M)

Total Contingency - New Balance for this Period.....	<u>\$846.5M</u>

2.3.2 Estimate at Completion

The Estimate at Completion reflects the net impacts of the various scope reductions and/or deferrals that were incorporated into the revised Financial Plan of September 2011. Thus, these changes have resulted in an overall Project Budget reduction of \$143.7 million. As part of this re-casting of the Project Budget, the new balance of the Total Project Contingency is now \$812.5 million.

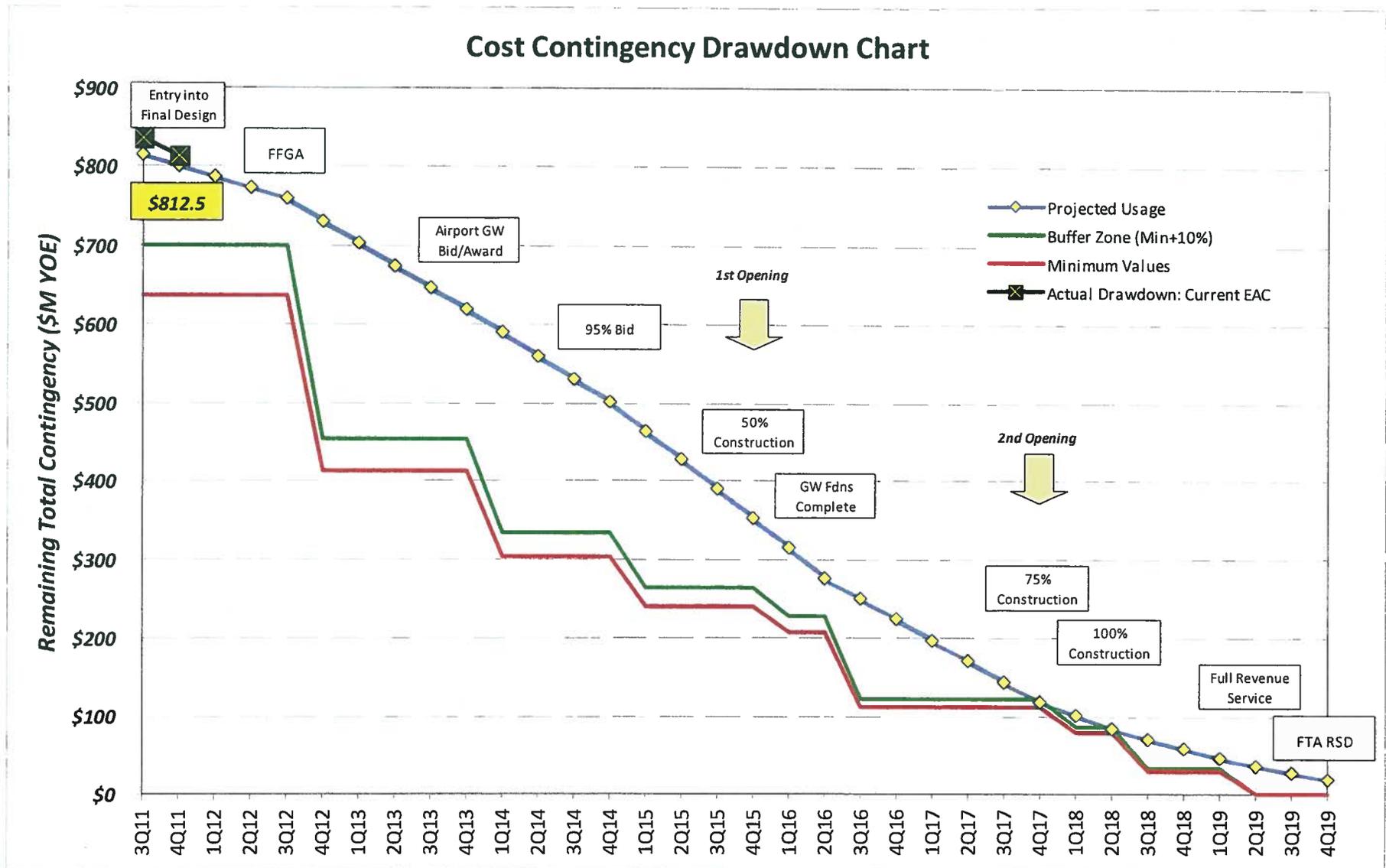
2.3.3 Contingency Drawdown Curves

As part of the process in requesting Entry into Final Design, the Project has developed proposed Cost and Schedule Contingency Drawdown curves for their Risk and Contingency Management Plan (RCMP). These curves establish minimum and “buffer zone” levels of cost and schedule contingency in accordance with FTA guidelines. Over the course of the project, if the cost or schedule contingency trends into the buffer zone (the area 10% above the minimum contingency), Project Management will immediately implement actions to maintain an appropriate level contingency at that stage of the project. For the Honolulu Rail Transit Project the FTA has identified the starting points of at least \$814 million and 13 months as the Project enters into the Final Design phase.

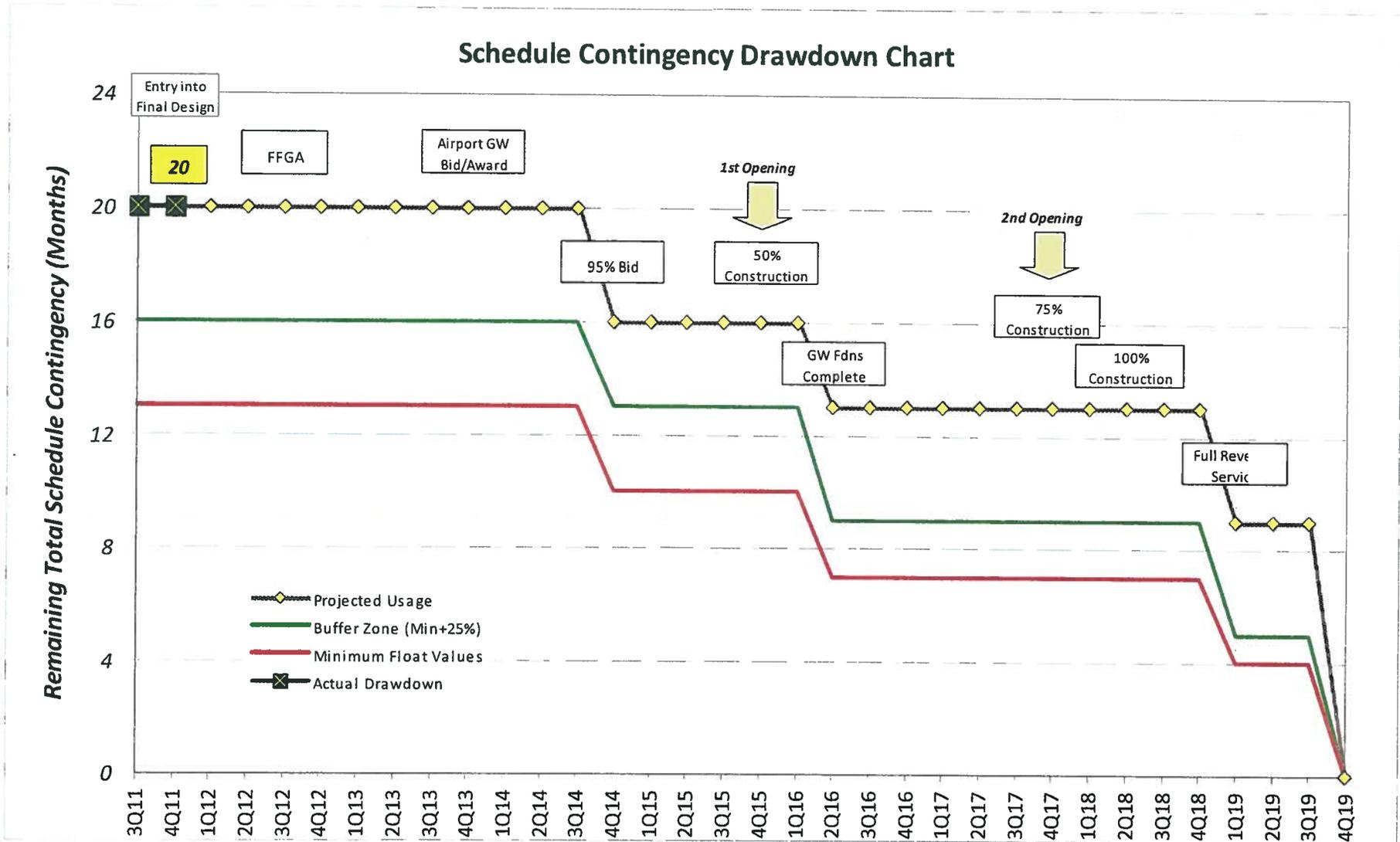
Project Contingencies	Current Minimum	Buffer Zone	Current Amount*	Variances		
				Versus Minimum	Versus Buffer Zone	From Previous Period
Cost Contingency (\$M)	\$636.0	\$700.0	\$846.5	+\$210.5	+\$146.5	(\$15.1)
Schedule Contingency (Months)	13.0	16.0	20.0	+7.0	+4.0	0.0

*Current Budget & Updated MPS

2.3.3.1 Cost Contingency Drawdown Chart



2.3.3.1 Schedule Contingency Drawdown Chart



3. CONTRACT STATUS

3.1 PROCUREMENT TRACKING REPORT

3.1.1 Design-Build (DB) and Design-Build-Operate-Maintain (DBOM) Contracts

Procurement Tracking Report

Design-Build (DB), Design-Build-Operate-Maintain (DBOM) and Manufacture-Install-Test-Maintain Contracts

Contract #	Contract Name	Sched Ref ^a	Part 1			Part 2			Issue NTP 1	Issue NTP 2	Issue NTP 3	Issue NTP 4	Contract Completion	Comments
			Issue RFP	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	Feb 04 '09	Mar 13 '09	Mar 21 '09	Apr 03 '09	Aug 28 '09	Nov 11 '09	Dec 01 '09	Dec 08 '10	Mar 15 '11	Dec 16 '11	Oct 03 '14	NTP1: Pre-PE; NTP1A: Geotech (03/11/10); NTP1B: Interim Design/Prelim Engrg (03/23/10); NTP1C: Test Shafts (06/04/10); NTP2: Utilities; NTP3: Final Design; NTP4: Construction
		Act	Feb 04 '09	Mar 13 '09	Mar 21 '09	Apr 03 '09	Aug 28 '09	Nov 01 '09	Dec 01 '09	Dec 08 '10	Mar 15 '11	Oct 11 '14	+8	
		BAL	Feb 04 '09	Mar 13 '09	Mar 21 '09	Apr 03 '09	Aug 28 '09	Nov 01 '09	Dec 01 '09	Dec 08 '10	Mar 15 '11	Sep 15 '11		
		Var	-0-	-0-	-0-	-0-	-0-	(10)	-0-	-0-	-0-	(92)		
DB-200	Maintenance & Storage Facility (MSF) [Kiewit/Kobayashi Joint Venture (KKJV)]	CF	May 29 '09	Jul 02 '09	Jul 17 '09	Jul 24 '09	Feb 17 '10	Jun 30 '11	Jul 26 '11	Jan 16 '12	Feb 01 '11	-----	Feb 17 '15	NTP1: Prelim Engrg; NTP2: Final Design; NTP3: Construction
		Act	May 29 '09	Jul 02 '09	Jul 17 '09	Jul 24 '09	Feb 17 '10	Jun 30 '11	Jul 25 '11	-----	-----	-----	May 28 '14	
		BAL	May 29 '09	Jul 02 '09	Jul 17 '09	Jul 24 '09	Feb 17 '10	Jun 30 '11	Mar 05 '11	Sep 03 '11	Sep 15 '11	-----		
		Var	-0-	-0-	-0-	-0-	-0-	-0-	(143)	(135)	+226	-----	(265)	
DB-320	Kamehameha Guideway (KHG) [Kiewit Infrastructure West Company (KIWC)]	CF	Nov 18 '09	Jan 05 '10	Feb 15 '10	Mar 19 '10	Oct 07 '10	Jun 30 '11	Jul 12 '11	Jan 16 '12	Feb 01 '11	-----	Feb 21 '15	NTP1: Prelim Engrg; NTP2: Final Design; NTP3: Construction
		Act	Nov 18 '09	Jan 05 '10	Feb 15 '10	Mar 19 '10	Oct 07 '10	Jun 30 '11	Jul 12 '11	-----	-----	-----		
		BAL	Nov 18 '09	Jan 05 '10	Feb 15 '10	Mar 19 '10	Oct 07 '10	Apr 19 '11	Apr 23 '11	Sep 03 '11	Sep 15 '11	-----	Sep 03 '14	
		Var	-0-	-0-	-0-	-0-	-0-	(72)	(80)	(135)	+226	-----	(171)	
Design-Bid-Operate-Maintain Contract														
DBOM-920	Core Systems Contract [Ansaldo Honolulu JV]	CF	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Nov 28 '11	Dec 16 '11	Jan 30 '12	Jul 18 '12	-----	Feb 27 '19	
		Act	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Nov 28 '11	-----	-----	-----	-----		
		BAL	Apr 09 '09	Jun 05 '09	Jul 15 '09	Aug 17 '09	Jun 07 '10	Feb 26 '11	Mar 03 '11	Jul 12 '11	Sep 15 '11	-----	Mar 03 '19	
		Var	-0-	-0-	-0-	-0-	-0-	(275)	(288)	(202)	(307)	-----	+4	
Manufacture-Install-Test-Maintain														
MIM-930	Elevators & Escalators - Manufacture-Install-Test-Maintain	CF	Feb 03 '12	Mar 05 '12	Mar 23 '12	Apr 19 '12	May 11 '12	Jun 29 '12	Jun 29 '12				Nov 09 '17	
		Act												
		BAL	Jul 07 '11	Sep 16 '11				Nov 02 '11	Nov 03 '11				Jun 04 '18	
		Var	(211)	(171)				(240)	(239)	-0-	-0-	-0-	+207	

[Successful Contractor]

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

3.1.2 Design-Bid-Build (DBB) Contracts

Procurement Tracking Report

Design-Bid-Build (DBB) and Other Contracts

Contract #	Contract Name	Schedule Reference*	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
Design-Bid-Build Contracts								
DBB-170	West Oahu Stations Group Construction	Forecast	Aug 25 '12	Nov 03 '12	Dec 23 '12	Dec 28 '12	Apr 13 '15	
		Actual						
		Base Line Variance	Aug 04 '12 (21)	Dec 01 '12 +28	Dec 01 '12 (22)	Dec 02 '12 (26)	Jan 16 '15 (87)	
DBB-270	Farrington Highway Stations Group Construction	Forecast	Apr 28 '12	Jul 07 '12	Aug 25 '12	Aug 31 '12	Feb 10 '15	
		Actual						
		Base Line Variance	Jan 16 '12 (103)	May 14 '12 (54)	May 14 '12 (103)	Jul 17 '12 (45)	Jun 07 '14 (248)	
DBB-275	Pearl Highlands Parking Structure & H2 Ramps	Forecast	Nov 07 '15	Jan 16 '16	Mar 05 '16	Mar 11 '16	Apr 05 '17	
		Actual						
		Base Line Variance	Oct 14 '15 (24)	Jan 13 '16 (3)	Jan 13 '16 (52)	Jan 14 '16 (57)	Jan 15 '18 +285	
DBB-370	Kamehameha Highway Stations Group Construction	Forecast	Dec 31 '12	Mar 11 '13	Apr 29 '13	May 05 '13	Apr 13 '15	Includes Pearl Highlands Station.
		Actual						
		Base Line Variance	Nov 08 '12 (53)	Mar 07 '13 (4)	Mar 07 '13 (53)	Mar 08 '13 (58)	Mar 03 '15 (41)	
DBB-450	Airport Segment Utilities Relocations	Forecast	Apr 20 '13	Jun 29 '13	Aug 17 '13	Aug 23 '13	Feb 28 '15	
		Actual						
		Base Line Variance	Nov 01 '12 (170)	Feb 01 '13 (148)	Feb 01 '13 (197)	Mar 02 '13 (174)	Sep 01 '14 (180)	
DBB-460	Airport Guideway Construction	Forecast	Aug 28 '13	Nov 06 '13	Dec 25 '13	Dec 31 '13	Aug 23 '17	
		Actual						
		Base Line Variance	Mar 09 '13 (172)	Jul 06 '13 (123)	Jul 06 '13 (172)	Jul 07 '13 (177)	Oct 21 '16 (306)	
DBB-470	Airport Stations Group Construction	Forecast	Jun 19 '13	Aug 13 '13	Oct 16 '13	Oct 22 '13	Feb 04 '17	
		Actual						
		Base Line Variance	Jun 21 '14 +367	Oct 18 '14 +431	Oct 18 '14 +367	Oct 19 '14 +362	Jan 26 '17 (9)	
DBB-550	City Center Segment Utilities Relocations	Forecast	Oct 01 '13	Dec 10 '13	Jan 28 '14	Feb 03 '14	Apr 07 '15	
		Actual						
		Base Line Variance	Mar 01 '13 (214)	Jun 28 '13 (165)	Jun 28 '13 (214)	Jul 29 '13 (189)	May 15 '15 +38	

[Successful Contractor]

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

Procurement Tracking Report

Design-Bid-Build (DBB) and Other Contracts

Contract #	Contract Name	Schedule Reference *	Advertise for Bids	Bid Opening	Execute Contract	Issue NTP	Contract Completion	Comments
DBB-560	City Center Guideway Construction and Utility Relocations	Forecast	Jul 13 '14	Sep 21 '14	Nov 09 '14	Nov 10 '14	Jun 02 '18	
		Actual						
		Base Line Variance	Nov 21 '13 (234)	Mar 20 '14 (185)	Mar 20 '14 (234)	Apr 30 '14 (194)	Jul 03 '17 (334)	
DBB-570	Dillingham Station Group Construction	Forecast	May 04 '14	Jul 13 '14	Aug 31 '14	Sep 06 '14	Aug 24 '17	
		Actual						
		Base Line Variance	Jan 15 '15 +256	May 14 '15 +305	May 14 '15 +256	May 15 '15 +251	Sep 11 '17 +18	
DBB-572	City Center Stations Group Construction	Forecast Actual Base Line Variance						Re-Packaging of stations reduced number of DBB contracts; FD-572 eliminated.
DBB-575	Kaka'ako Station Group Construction	Forecast	Oct 21 '14	Dec 30 '14	Feb 17 '15	Feb 23 '15	Feb 05 '18	
		Actual						
		Base Line Variance	Nov 28 '15 +403	Mar 26 '16 +452	Mar 26 '16 +403	Mar 27 '16 +398	Jun 04 '18 +119	
Other Contracts								
TBD	On-Call HazMat Consultant/Contractor	Forecast Actual Base Line Variance						As soon as possible.
MM-945	On-Call Contractor	Forecast Actual Base Line Variance						To be determined.
CF-950	Owner Furnished Plants and Shrubs	Forecast Actual Base Line Variance	Sep 01 '14	Nov 01 '14	Dec 01 '14	Jan 21 '15	Aug 15 '18	Scope to be incorporated into Station Construction contract packages.
			Aug 15 '14 (317)	Dec 15 '14 (317)	Dec 15 '14 (333)	Jan 07 '15 (317)	Jan 04 '18 (15)	

[Successful Contractor]

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

3.1.3 Professional Services Agreements

Procurement Tracking Report
Professional Services Agreements

Contract #	Contract Name	Sched Ref ^a	Issue RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
MM-900	Program Management Support Consultant <i>[IntraConsult LLC]</i>	CF	Jul 15 '09	Sep 01 '09					Nov 19 '09	Feb 28 '12	
		Act	Jul 15 '09	Sep 01 '09					Nov 19 '09		
		B/L	Jul 15 '09	Sep 01 '09					Nov 19 '09		
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
New Contract # Pending	Program Management Support Consultant	CF	Aug 03 '11	Sep 02 '09				Jan 27 '12	Jan 27 '12	Jan 24 '15	
		Act	Aug 03 '11	Sep 02 '09						Nov 18 '14	
		B/L	Aug 03 '11	Sep 02 '09							(67)
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	(67)
MM-905	General Engineering Consultant - I (EIS/Preliminary Engrg) <i>[PB Americas]</i>	CF	Jun 01 '07	Aug 24 '07					Oct 25 '09	Feb 25 '12	
		Act	Jun 01 '07	Aug 24 '07					Oct 25 '09		
		B/L	Jun 01 '07	Aug 24 '07					Oct 25 '09		Feb 26 '11
		Var	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	(364)
MM-910	General Engineering Consultant - II (Final Design & Construction) <i>[PB Americas]</i>	CF	Sep 03 '09	Nov 15 '09				Jun 30 '11	Aug 02 '11	Aug 01 '14	
		Act	Sep 03 '09	Nov 15 '09				Jun 30 '11	Aug 02 '11		
		B/L	Sep 03 '09	Nov 15 '09				Jun 30 '11	Feb 27 '11		Mar 03 '19
		Var	-0-	-0-	-0-	-0-	-0-	-0-	(156)	+1,675	
MM-915	HDOT Traffic Management Coordination Consultant	CF	Aug 15 '11	Nov 15 '11			Dec 28 '11	Feb 03 '12	Feb 08 '12	Jan 08 '16	
		Act	Aug 15 '11								
		B/L	Mar 04 '11	Apr 04 '11				Jul 06 '11	Jul 07 '11		Jan 03 '15
		Var	(164)	(225)	-0-	-0-	-0-	(212)	(216)		(370)
MM-920	HDOT Design Coordination Consultant - WOFH Segment <i>[AECOM]</i>	CF						Jun 07 '11	Jun 08 '11	Jan 08 '16	Scope of services will be on a segment-by-segment basis.
		Act					Jun 07 '11	Jun 08 '11			
		B/L					Jun 07 '11	Jul 07 '11		Mar 14 '15	
		Var					-0-	+29		(300)	
MM-930	HDOT State Oversight Agency (SOA) Consultant	CF	Dec 16 '11	Jan 10 '12	Feb 16 '12	Mar 16 '12	Apr 16 '12	Apr 16 '12	Apr 16 '12	Apr 08 '19	Procurement responsibility with HDOT
		Act									
		B/L	Apr 13 '11				May 13 '11	Jul 30 '11	May 03 '19		
		Var	(247)				(109)	(109)	(109)	(109)	
MM-935	Real Estate Consultant	CF	Apr 01 '11				Sep 08 '11	Jan 27 '12	Jan 27 '12	Jan 08 '16	
		Act	Apr 01 '11				Sep 08 '11				
		B/L	Feb 17 '11				May 05 '11		May 06 '11		Feb 14 '14
		Var	(43)				(126)		(266)		(693)
MM-940	Kako'o Consultant	CF	May 20 '11	Jun 20 '11			Sep 09 '11	Jan 20 '12	Jan 20 '12	Mar 03 '19	
		Act	May 20 '11	Jun 20 '11			Sep 09 '11				
		B/L	Jul 18 '11				Sep 02 '11		Oct 03 '11		Mar 03 '19
		Var	+59	-0-	-0-	-0-	(7)		(109)		-0-

[Successful Contractor]

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

Procurement Tracking Report Professional Services Agreements

Contract #	Contract Name	Sched Ref ^a	Issue RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
Final Design Agreements											
FD-140	West Oahu Station Group Final Design	CF Act BL Var	Jan 14 '10 Jan 14 '10 Jan 15 '10 +1	-0-	-0-	-0-	May 27 '11 May 27 '11 Feb 11 '11 (105)	Feb 21 '12 Mar 13 '11 Jul 10 '11 (345)	Mar 02 '12 Jul 10 '11 (236)	Apr 23 '13 Aug 03 '12 (263)	NTP1: Prelim Engrg NTP2: Final Design
FD-240	Farrington Highway Station Group Final Design [HDR Engineering, Inc.]	CF Act BL 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-	Sep 08 '12 Jan 15 '12 (237)	NTP1: Prelim Engrg NTP2: Final Design
FD-245	Pearl Highlands Parking Structure/Bus Transit Center (with H2/R1 Ramp) Final Design	CF Act BL Var	Oct 26 '13 Oct 17 '13 (9)	Dec 25 '13	Jan 23 '14	Feb 08 '14	Mar 10 '14 Dec 15 '13 (85)	Jun 22 '14 May 01 '14 (52)	Jul 22 '14 May 01 '14 (82)	Jan 07 '15 Aug 14 '15 +219	Includes Final Design for Bus Terminal.
FD-340	Kamehameha Highway Station Group (with H2/R2 Ramp) Final Design	CF Act BL Var	Jun 28 '11 Jun 28 '11 Feb 28 '11 (120)	Aug 04 '11 Aug 04 '11	Sep 28 '11 Sep 28 '11	Nov 12 '11 Nov 12 '11	Dec 12 '11 Jun 30 '11 (165)	Mar 27 '12 Oct 01 '11 (178)	Mar 30 '12 Oct 02 '11 (180)	Jul 08 '13 Nov 07 '12 (243)	Includes Final Design for Aloha Stadium; Pearlridge; and Pearl Highlands Stations.
FD-430	Airport Segment Guideway Construction and Utility Relocations Final Design	CF Act BL Var	Jan 26 '11 Jan 26 '11 Jan 27 '11 +1	Mar 14 '11 Mar 14 '11 Mar 15 '11 +1	Apr 09 '11 -0-	Jun 09 '11 -0-	Sep 20 '11 Sep 20 '11 -0-	Dec 15 '11 Jul 31 '11 (137)	Jan 15 '12 Aug 01 '11 (167)	Dec 02 '13 Mar 08 '13 (269)	
FD-440	Airport Station Group Final Design	CF Act BL Var	Jan 15 '12 Oct 22 '12 +281	Feb 29 '12	May 19 '12	Jun 18 '12	Jul 18 '12 Dec 20 '12 +155	Sep 16 '12 Mar 20 '13 +185	Sep 30 '12 Mar 21 '13 +172	Oct 22 '13 Jun 20 '14 +241	Re-Packaged group includes: Pearl Harbor Naval Base; Honolulu Int'l Airport; Lagoon Drive; and Middle Street Stations.
FD-530	City Center Guideway and Utility Relocations Final Design	CF Act BL Var	Dec 16 '11 Jul 01 '11 (168)	Feb 10 '12	Apr 09 '12	May 08 '12	May 29 '12 Aug 31 '11 (272)	Aug 02 '12 Dec 06 '11 (240)	Aug 06 '12 Dec 06 '11 (244)	Mar 23 '14 Nov 20 '13 (123)	Allowance of two weeks from Airport GW contract execution to City Center GW RFQ to debrief potential FD proposers.
FD-540	Dillingham Station Group Final Design	CF Act BL Var	Nov 05 '12 May 20 '13 +196	Dec 15 '12	Jan 03 '13	Feb 03 '13	Mar 05 '13 Jul 18 '13 +135	May 13 '13 Oct 16 '13 +156	May 14 '13 Oct 17 '13 +156	May 03 '14 Jan 14 '15 +256	Re-Packaged group includes: Kalihi; Kapalama; Iwilei; and Chinatown Stations.
FD-542	City Center Stations Group Final Design	CF Act BL Var									Re-Packaging of stations reduced number of FD contracts; FD-542 eliminated.
FD-545	Kaka'ako Station Group Final Design	CF Act BL Var	Jul 06 '12 Mar 31 '14 +633	Aug 05 '12	Sep 04 '12	Oct 05 '12	Nov 04 '12 May 29 '14 +571	Jan 03 '13 Aug 27 '14 +601	Jan 17 '13 Aug 28 '14 +588	Feb 26 '14 Nov 27 '15 +639	Includes: Downtown; Civic Center; and Kaka'ako Stations; and Station Finishes for Ala Moana Station.

[Successful Contractor]

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

Procurement Tracking Report Professional Services Agreements

Contract #	Contract Name	Sched Ref ^a	Advertise RFQ	SOQs Submitted	Select BQO/ Advise BFS	Receive SOW	Receive Price Proposal	Finalize Contract	Issue NTP	Contract Completion	Comments
Construction Engineering & Inspection Agreements											
MM-180	West Oahu and Farrington Highway Station Groups CE&I	CF Act B/L Var	Jan 18 '12 Aug 04 '12 +199	Feb 17 '12	Mar 03 '12	Apr 02 '12	May 02 '12 Oct 04 '12 +155	Jun 01 '12	Jul 01 '12 Nov 02 '12 +124	May 13 '15 Jan 15 '15 (118)	
MM-380	Kamehameha Highway Station Group (with H2/R2 Ramp) CE&I	CF Act B/L Var	Jan 17 '13 Dec 08 '12 (40)	Feb 16 '13	Mar 03 '13	Apr 02 '13	May 02 '13 Jan 15 '13 (107)	Jun 01 '13	Jul 01 '13 Mar 08 '13 (115)	May 13 '15 Mar 03 '15 (71)	
MM-385	Pearl Highlands Parking Structure/Bus Transit Center (with H2/R1 Ramp) CE&I	CF Act B/L Var	Apr 19 '15 Oct 14 '15 +178	May 19 '15	Jun 03 '15	Jul 03 '15	Aug 02 '15 Dec 15 '15 +135	Sep 01 '15	Oct 01 '15 Jan 14 '16 +105	May 05 '17 Jan 15 '18 +255	
MM-480	Airport Segment Construction and Utility Relocations CE&I	CF Act B/L Var	Jul 23 '12 Apr 16 '13 +267	Aug 22 '12	Sep 06 '12	Oct 06 '12	Nov 05 '12 May 16 '13 +192	Dec 05 '12	Jan 04 '13 Jul 16 '13 +193	Sep 22 '17 Oct 20 '16 (337)	
MM-485	Airport Station Group CE&I	CF Act B/L Var	Apr 19 '14 Jul 21 '14 +93	May 19 '14	Jun 03 '14	Jul 03 '14	Aug 02 '14 Sep 01 '14 +30	Sep 01 '14	Oct 01 '14 Oct 19 '14 +18	Mar 06 '17 Apr 05 '17 +30	
MM-580	City Center Guideway Construction and Utility Relocations CE&I	CF Act B/L Var	Jan 17 '13 Mar 01 '13 +43	Feb 16 '13	Mar 03 '13	Apr 02 '13	May 02 '13 Jun 28 '13 +57	Jun 01 '13	Jul 01 '13 Jul 29 '13 +28	Jul 02 '18 Jul 02 '17 (365)	
MM-585	Dillingham and Kaka'ako Station Groups CE&I	CF Act B/L Var	Apr 19 '15 Jan 15 '15 (94)	May 19 '15	Jun 03 '15	Jul 03 '15	Aug 02 '15 Mar 15 '15 (140)	Sep 01 '15	Oct 01 '15 May 15 '15 (139)	Sep 23 '17 Jun 04 '18 +254	
Other Agreements											
MM-950	Owner Controlled Insurance Program (OCIP) Consultant	CF Act B/L Var	Oct 29 '11 May 22 '11 (160)	Nov 28 '11	Dec 13 '11	Oct 29 '11	Dec 15 '11 Jul 15 '11 (153)	Jan 14 '12	Feb 13 '12 Sep 23 '11 (143)	Mar 03 '19 Mar 03 '19 -0-	

[Successful Contractor]

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

3.2 DESIGN-BUILD (DB) CONTRACTS

Contract DB-120: West Oahu/Farrington Highway Guideway (WOFH)

DB Contractor: Kiewit Infrastructure West Company (KIWC)

Committed: \$501,969,231

Incurred: \$119,397,014 (23.8%)

Authorized: \$168,876,620 (33.6%)

Contract Completion: Oct 03 '14

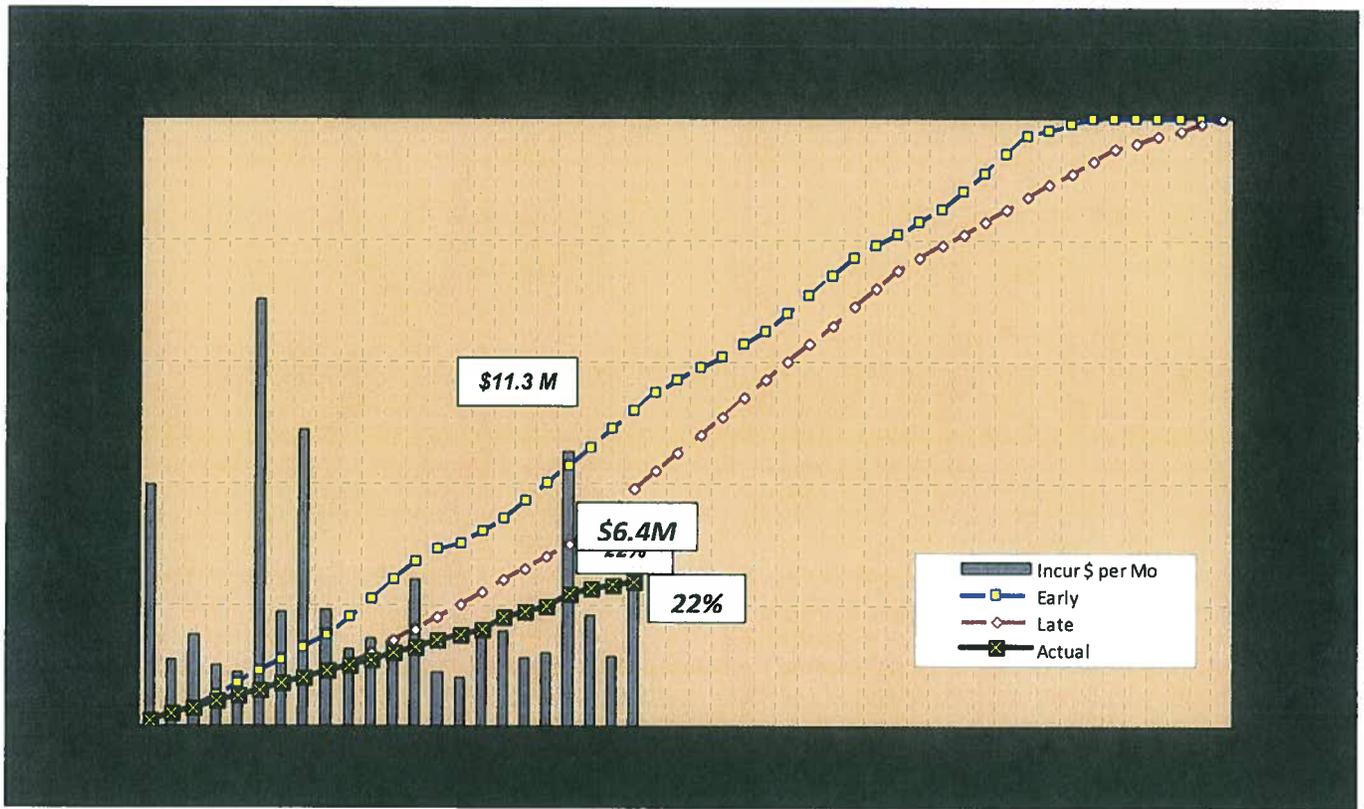
- **Activities this month**

- KIWC continued with final design activities in accordance with Notice to Proceed #3 (NTP#3), as authorized under LONP1 in June.
- Overall design is approximately 91% complete. A total of 202 contract submittals have been received with 9 currently under review.
- Geotechnical investigations are 88% complete with 282 borings completed.
- The contractor is planning to proceed with another load test shaft in the Banana Patch area. This work is anticipated to start in December 2011.
- Tree removals are 48% complete with 174 trees trimmed, relocated or removed for repurposing or with no salvage.
- Work continued on waterline relocation along Kualaka'i Parkway. AT&T relocation work commenced. Sewer relocation work is planned to start in December 2011.
- 199 Contractor Requests for Information (RFIs) have been received with 2 open/under review.
- KIWC has acknowledged HART's target date for NTP#4 of mid-January 2012. KIWC has assumed a November 30, 2011 NTP#4 date for the purpose of updating their October and November monthly schedules.
- The Contractor has submitted 93 Requests for Change (RFCs) for HART review:
 - 9 notices for information only;
 - 27 denied or considered closed;
 - 41 are under review or negotiation;
 - 11 change orders have been executed; and
 - 5 are being processed for change order.
- HART has submitted 34 RFCs to the Contractor:
 - 9 are awaiting Contractor estimates;
 - 8 are being reviewed or in negotiations;
 - 5 are being tracked on Force Account
 - 9 change orders have been executed; and
 - 3 are being processed for change order.

- **Look Ahead**

- Utility relocations

- **Progress Graphic (on following page)**



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

DB Contractor: Kiewit/Kobayashi Joint Venture (KKJV)

Committed: \$195,258,000

Incurred: -0-

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

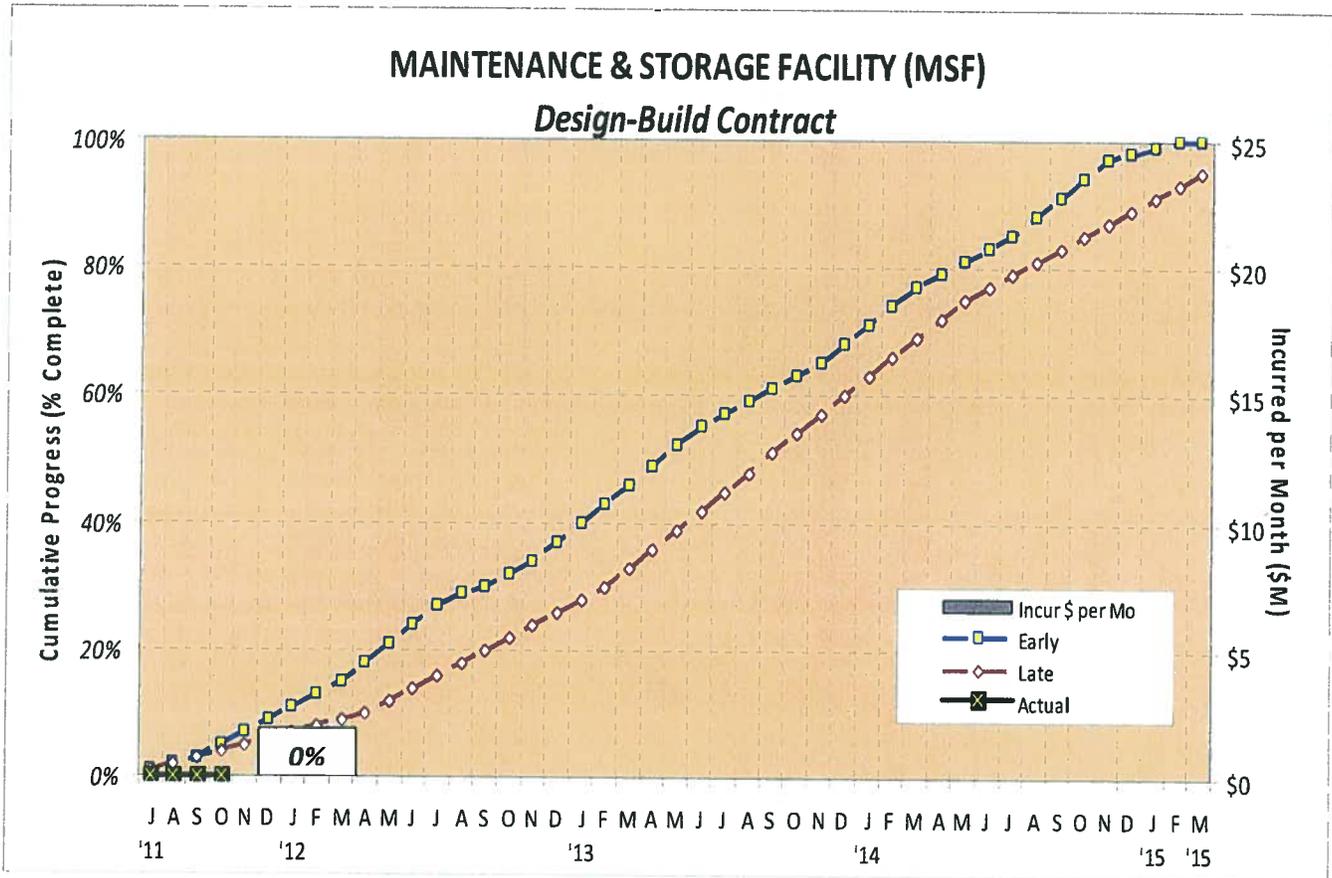
Contract Completion: Feb 17 '15

• **Activities this month**

- KKJV continued with preliminary engineering activities in accordance with NTP#1.
- Preliminary design is 8% complete.
- Geotechnical investigations have been completed.
- HART accepted KKJV's baseline schedule. KKJV has acknowledged HART's target dates for planning purposes for NTP#2 and NTP#3 of mid-December 2011 and mid-January 2012, respectively.
- KKJV submitted their rail procurement proposal for HART review.
- A total of 26 contract submittals have been received with 4 currently under review.
- 43 RFIs have been received and 9 are under review.
- The Contractor has submitted 9 Requests for Change (RFCs) for HART review:
 - 8 are under review;
 - 1 closed
- HART has submitted 11 RFCs to the Contractor:
 - 7 are under review;
 - 4 are being processed

• **Look Ahead**

- Issuance of NTP#2 upon FTA approval to enter Final Design.



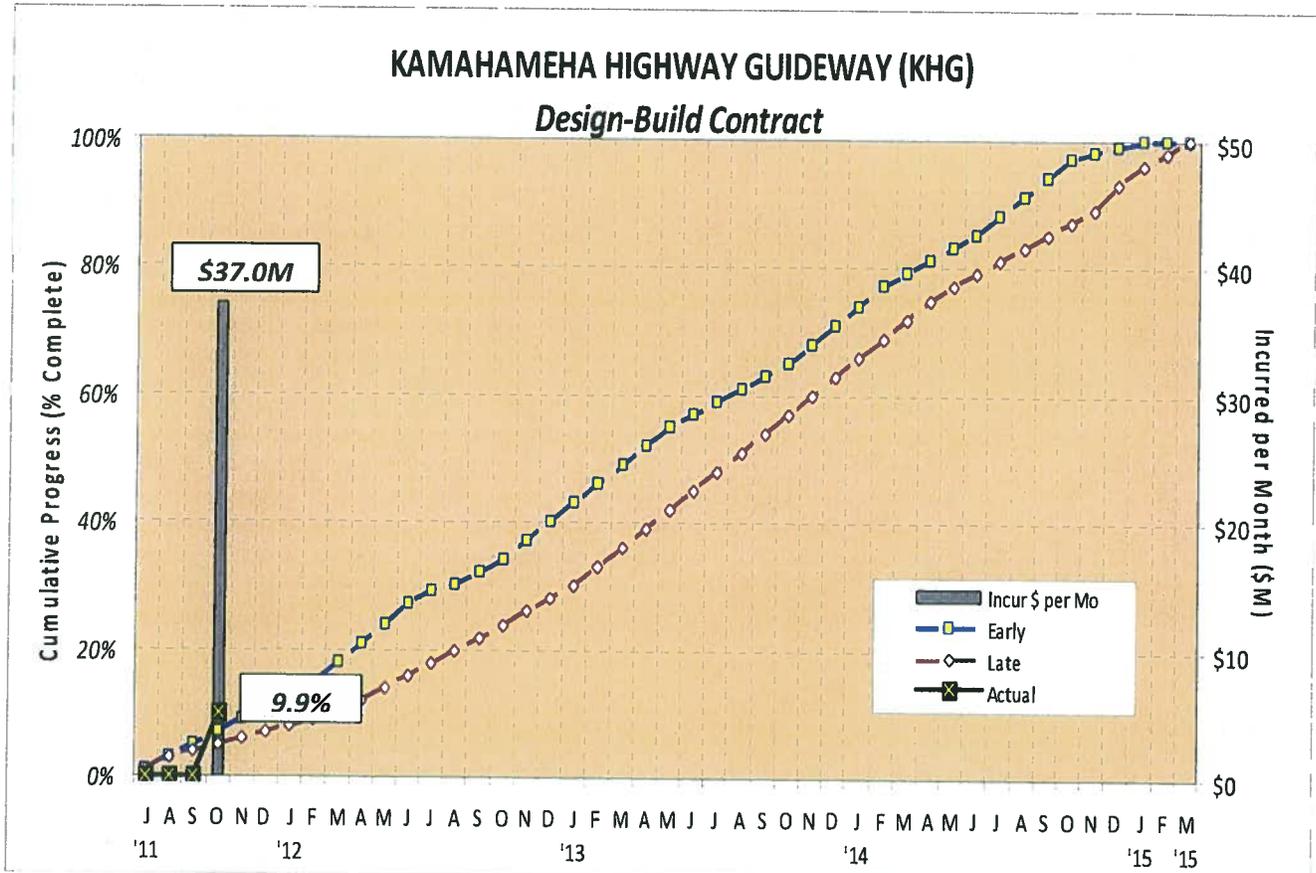
Contract DB-320: Kamehameha Highway Guideway (KHG)
DB Contractor: Kiewit Infrastructure West Company (KIWC)

<u>Committed:</u> \$372,150,000	<u>Incurred:</u> \$37,004,378 (9.9%)
<u>Authorized:</u> \$101,917,243 (27.4%)	<u>Contract Completion:</u> Feb 21 '15

• **Activities this month**

- KIWC continued with preliminary engineering activities in accordance with NTP#1.
- Preliminary design is 43% complete.
- Geotechnical investigations are 15% complete.
- KIWC continued tenant improvements in the Waipahu Hub Office; expected completion and move-in of HART/GEC field staff is January 2012.
- KIWC has acknowledged HART's target dates for planning purposes for NTP#2 and NTP#3 of mid-December 2011 and mid-January 2012, respectively.
- A total of 66 contract submittals have been received and 11 are under review.
- 45 RFIs have been received with 3 open/under review.
- The Contractor has submitted 13 Requests for Change (RFCs) for HART review:
 - 11 are under review or in negotiations;
 - 2 denied and considered closed

- HART has submitted 2 RFCs to the Contractor:
 - 2 are under review
- **Look Ahead**
 - Issuance of NTP#2 upon FTA approval to enter Final Design.



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

Contract DBOM-920: Core Systems (CSC)

DBOM Contractor: Ansaldo Honolulu JV

- **Activities this month**
 - The Buy America Post Award audit on TPSS, Communications and Train Control is in progress.
 - A draft of Notice to Proceed #1 for issuance to CSC is being drafted.
 - Participated in weekly meeting for interfaces between Kiewit, HART and GEC to provide answers to the guideway contractor related to Core Systems questions and interface requirements.
 - Continue to develop proposed CSC access dates.
 - Updated the training matrix for the HART Core and Systems. Engineering Group to track training on in-house procedures.
 - Issued the performance specification for Passenger Screen Gates (PSG) for upcoming procurement efforts to GEC for review.

-
- Participated in MSF design oversight on behalf of systems and the management of MSF RFI/RFID.
 - Developing a WBS for the Ansaldo contract.
 - Design development for the station electrical and TCCR rooms to ensure adequate space is provided for each system.
 - Worked with the GEC to ensure all required changes are captured in the "Rev 2" version of the design criteria.
 - Supporting the existing Station contract by attending coordination meetings and providing direction.
 - Representing the Core Systems Designer working group (CSDW) for the FSHG contract.
 - Met with Ansaldo to discuss:
 - Ansaldo Key Personnel organization and plan - draft
 - Design phases
 - Coding criteria
 - Contract Management System
 - Conformed Specifications
 - Aerial Guideway and CS Cable Ways
 - Passenger Vehicle Configuration
 - Responsible Engineers
 - Brainstorming on other issues

3.4 DESIGN-BID-BUILD CONTRACTS (none yet awarded) – “Activities this month” relate to HART, GEC and Final Design Consultant activities for the subject DBB Construction Contracts.

Stations Contracts

Contract DBB-270: Farrington Highway Stations Group (FHSG)

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

Committed: \$5,500,696

Incurred: \$2,101,880 (38.2%)

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

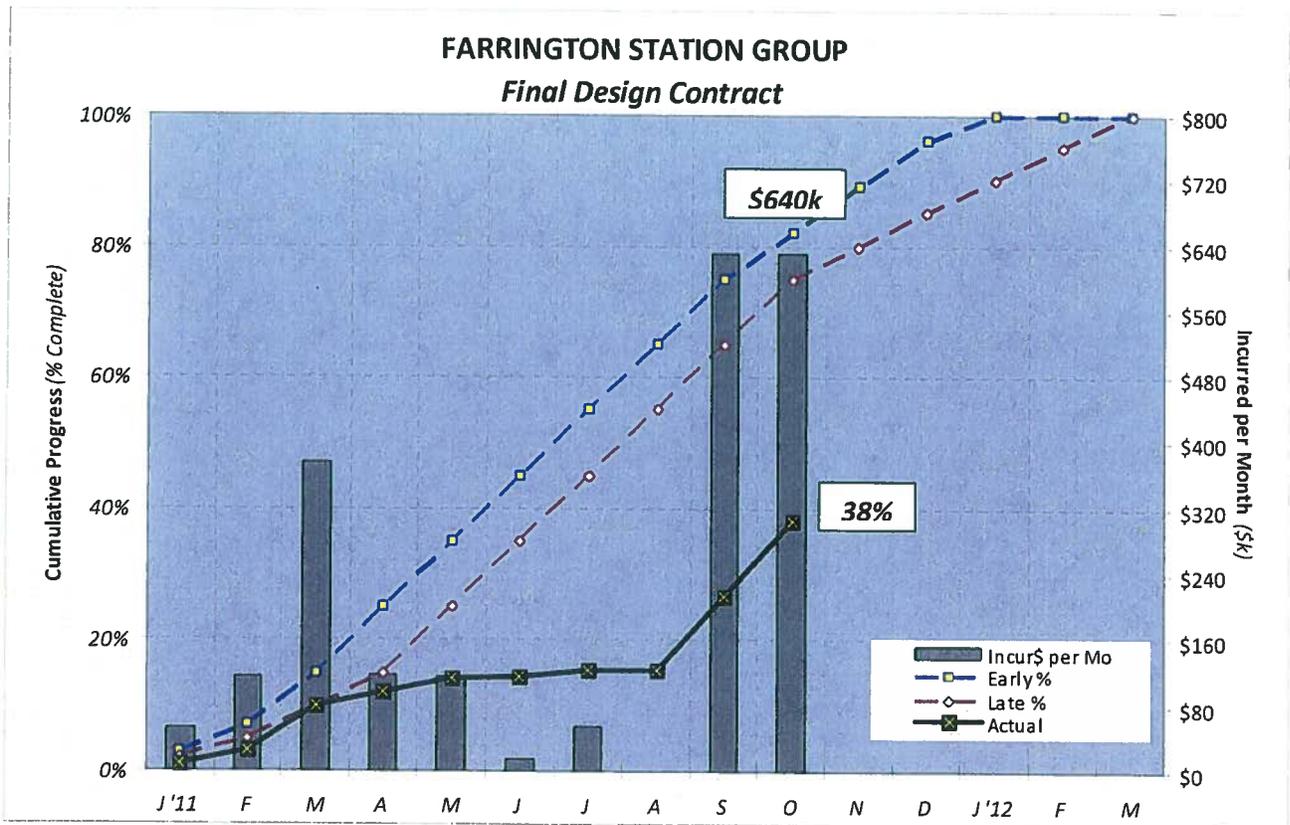
Contract Completion: Sept 08 '12

• **Activities this month**

- With the completion of NTP#1b scope, NTP#2 Interim Design was issued for West Loch, Waipahu Transit Center and Leeward Community College (LeeCC) stations. All are currently in progress.
- 49 RFIs submitted to date – 45 closed, 4 open/under review.
- 19 RFCs in process

• **Look Ahead**

- Completion of test borings for West Loch and Waipahu TC, and LCC pending completion.
- Station cost estimates are under review. A meeting to discuss the costs is scheduled for December 6.
- Progress is being re-evaluated and a schedule recovery plan is being developed. (Current progress is understated due to lag in approved payments.)



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

- **Activities this month**
 - Due to necessary station modifications, negotiations have been re-opened, which will delay the contract execution.
- **Look Ahead**
 - Execution of the contract and NTP are pending the renegotiations.

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

- **Activities this month**
 - Negotiations are in progress.
- **Look Ahead**
 - Execution of the contract and NTP are subject to completing the negotiations.

Guideway and Utility Contracts**Contract DBB-450: Airport Segment Utilities Relocation****Contract DBB-460: Airport Segment Guideway**

Contract FD-430: Selection pending of Final Design Consultant (Engineer of Record) for both the Utilities and Guideway

- **Activities this month**
 - Finalization of contract.
- **Look Ahead**
 - Execution of the contract, followed by Notice to Proceed, is now projected for late December or early January.

3.5 OTHER CONTRACTS and AGREEMENTS

Utilities

- **Activities this month**
 - Signed Utility Construction Agreements (UCAs) were received from AT&T, OTWC & PLNI for the WOFH segment. Execution of a UCA with Sandwich Isle Communications (SIC) is imminent.
 - Discussions are continuing with Hawaiian Electric Company (HECO) to resolve outstanding issues on the UCA for the WOFH segment. Resolution is imminent on a Letter of Agreement for long-lead materials. The final UCA with HECO is projected for First Quarter of 2012.
 - Executed an Engineering Services Agreement (ESA) with Chevron on the KHG segment. ESAs with TW Telecom, AT&T, OTWC and PLNI are in the signature queue.

Utility Agreements Status Matrix				
Utility Owner	WOFH		KHG	
	ESA	UCA	ESA	UCA
AT&T	Executed May 11 '11 NTP May 12 '11	Received signed agreement in Nov '11; <i>pending execution</i>	Reached agreement on T&C in Nov '11	
Chevron	Executed Dec 04 '09 NTP Dec 22 '09		<i>Executed</i> Nov 04 '11 NTP Nov 15 '11	
Hawaiian Telcom (HT)	Executed May 20 '10 NTP June 14 '10	Will reformat to follow HECO model	HART version re-sent in Nov '11	
HECO	By Agreement with PB	Continuing discussions with HECO to progress UCA, Letter of Agreement	Awaiting comments from Utility	
Oceanic Time Warner	Executed Dec 08 '09 NTP Dec 22 '09	Received signed agreement in Nov '11; <i>pending execution</i>	Received signed agreement in Nov '11; <i>pending execution</i>	
Pacific Lightnet (PLN)	Executed Apr 28 '10 NTP Apr 29 '10	Received signed agreement in Nov '11; <i>pending execution</i>	Received signed agreement in Nov '11; <i>pending execution</i>	
Sandwich Isle Communications	Executed May 20 '10 NTP June 08 '10	Received add'l comments from Utility in Nov '11	Received add'l comments from Utility in Nov '11	
The Gas Company	Executed Dec 18 '09 NTP Dec 22 '09	Executed June 30 '11	Sent HART semi-final version in Sept '11	
TW Telecom	Executed Dec 02 '09 NTP Dec 22 '09		Reached agreement on T&C in Nov '11	
Tesoro			HART version re-sent in Nov '11	

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

HDOT Agreements

- **Activities this month**

- The HDOT Design Coordination Consultant continues reviewing design submittals on HDOT's behalf.
- HDOT Traffic Management Coordination Consultant is in procurement; consultant selection has been made, and negotiation with the selected consultant will start in December. It is expected that consultant contract will be executed by January 2012.
- The Federal Highway Administration (FHWA) has informed HDOT that they approve HART's request for the Project to occupy the federal aid highways along the Project's alignment. We have received tentative approval from HDOT, and are responding to concerns regarding the projects impacts to future HDOT projects.
- West Oahu/Farrington Highway Guideway (WOFH)
 - The WOFH Joint Use and Occupancy Agreement is pending response from HART to HDOT's conditional letter received this month. HART has resolved HDOT's concerns regarding assignment of project from City and County of Honolulu to HART.
- Kamehameha Highway Guideway (KHG)
 - HDOT is reviewing the KHG Master Agreement with the Attorney General's Office.
 - HDOT issued permits for Kiewit to perform potholing for existing utilities.

- **Look Ahead**

- Execution of WOFH Joint Use and Occupancy Agreement.
- Execution of the KHG Master Agreement.

Other Design Activities

- **Activities this month**

- Design Activities
 - Continued supporting WOFH, FHSG, KHG, and MSF contracts on submittal reviews, responses to RFIs and RFCs.
 - Finalizing elevator/escalator procurement contract documents.
 - Finalizing Platform Screen Gate study.
 - Developed cost reduction concepts for West O'ahu Station Group. Developing Division 1 Standard Specifications.
 - Identified ROW requirements for TPSS #1 alternative location adjacent to future HECO substation.
 - Determined agricultural road clearances to guideway within DR Horton property. Met with USACE to discuss potential impacts to waters of the U.S. and proposed construction phasing at Waiawa Stream in preparation for Section 404 permit submittals.
 - Identified U.S. Navy property impacts (and proposed easements and acquisitions) within the Airport Guideway segment.
 - Developing station module-concept to reduce station costs for all station groups.
 - Developing Art-in-Transit Program and Procedures.
- Interface Activities
 - Reviewed KHG Systems Interface Plan and status.
 - Activated Interface Definition Meetings (IDM's) for MSF-WOFH-KHG.

- Reviewing WOFH Draft ICD for Contact Rail System Enhanced the CMS Interface Project to transmit Interface bulletins to all interfacing contractors. Bulletin 1: HART Interface Management Plan Rev. 0.
- Interfacing with adjoining Contractors on behalf of CSC, WOSG, and KHSG in their absence.
- RFID Log:
 - CSC-FHSG: 9 total, 7 open
 - CSC-KHG: 5 total, 3 open
 - CSC-MSF: 29 total, 13 open
 - CSC-WOFH: 15 total, 12 open
 - KHG-KHSG: 12 total, 1 open
 - MSF-KHG: 2 total, 1 open
 - MSF-WOFH: 5 total, 4 open
 - WOFH-FHSG: 56 total, 17 open
 - WOFH-KHSG: 1 total, 1 open
 - WOFH-WOSG: 2 total, 0 open
- Meetings:
 - Facilitated 1 IDM's with CSC-FHSG
 - Facilitated 3 IDM's with CSC-KHG
 - Facilitated 2 IDM's with CSC-MSF
 - Facilitated 3 IDM's with CSC-WOFH
 - Facilitated 1 IDM's with KHG-KHSG
 - Facilitated 2 IDM's with WOFH-FHSG
 - Facilitated 2 IDM's with WOFH-KHSG
 - Facilitated 2 IDM's with WOFH-WOSG

4. GROUP REPORTS

4.1 SAFETY and SECURITY

- **Activities this month**

- Attended 15th Annual FTA SSO Program Meeting November 1-3 in Washington, DC. Met with Jerry Powers and Jeff Davis of FTA to discuss HDOT SOA Program.
- Performed Safety and Security Certification Training for the SSRC on November 10.
- Ongoing Safety and Security Certification Working Group meetings held weekly.
- Reviewing Kiewit’s development of the Final Design list of safety and security certifiable items contained in WOFH and KHG Conformance Checklists.
- Held MSF Safety and Security Certification Kickoff meeting on November 21.
- Developing PE Conformance Checklists for Station Design and Core Systems contracts.
- Ongoing Construction Safety and Security Task Force meetings held bi-weekly with Kiewit.
- Ongoing surveillance of Kiewit work site operations and reviewing Job Hazard Analyses.
- Developing Health and Safety Plan and Emergency Response Plan for Ali’i Place Project Office.
- Ongoing Construction Safety and Environmental Training. Over 339 Project staff and stakeholders trained to date.
- Revising SSMP, SSCP, and CSSP and safety and security related procedures for FFGA submission.
- Revising and updating Project-wide PHA and TVA.

- **Look Ahead**

- Support GEC development of an internet-based safety management system for construction and safety and security certification.
- Review FTA comments on HDOT SOA Roadmap and SOA Consultant Scope of Services.
- Hold Safety and Security Review Committee Meeting #020. Will discuss comments to WOFH and KHG Safety and Security Certifiable Items List.
- Further develop system security and policing strategy with support from HPD and information gathered from peer agencies.
- Complete procurement documents for the HDOT SOA Program Consultant contract.
- TSI Courses for 2012: Rail System Safety (February 13-17) and Transit System Security (April 6-10).

Construction Safety Monitoring

Contract	No. of OSHA Recordable Incidents	No. of Observations			Comments
		Positive	Action Required	Open	
WOFH/DB-120	1	22	55	55	
MSF/DB-200	0	6	10	10	Overhead fiber optic cable strike incident. Incident Review Panel held on 10/24/11.
KHG/DB-320	0	8	5	3	
KHSG/DBB-340	0	1	2	2	
AIS	0	1	1	1	

4.2 QUALITY MANAGEMENT

- **Activities this month**

- Conducted weekly meeting with GEC QA Staff to discuss overall Project QA/QC issues with consultants, contractors and internal staff.
- Continue training of new HART staff to assure that the project participants are familiar with the approved plans and procedures. Updated the HART Training Matrix.
- Contract-Specific Activities this month:
 - GEC II: Continued training of GEC staff on the approved QAP and IP(s). Continued recruiting for a Construction Quality Assurance Manager (CQAM). Performing the HART QA Audit of GEC on November 30 through December. [No NCR, four (4) Observations and three (3) Suggestions].
 - WOFH Guideway: Bi-weekly QA Task Force meetings were held with the QA Team to discuss the status of design activities, filed work, NCR(s) and quality compliance and improvements. To date, 37 NCR(s) have been issued: 29 by KIWC (2 open) and 8 by HART/GEC (all closed).
 - MSF: Kiewit Kobayashi Joint Venture (KKJV) commenced training and implementing the HART-approved QAP and DQAP, and continued preparation of the CQAP. Started bi-weekly QA Task Force meeting with KKJV QA Team to discuss status of the submittals, design activities and field activities.
 - KHG: Attended and participated in bi-weekly Quality Task Force meeting. The KIWC is in the process of training and implementing the HART-approved QAP, DQAP and CQAP.
 - Core System: No QA/QC activities this reporting period.
 - FHSG: Continue participating in weekly design coordination meetings. HDR continues to work in accordance with the HART/GEC-approved QAP. Performed QA Audit of HDR-NYC office on November 9-11 [three (3) NCR, five (5) Observations and seven (7) Suggestions].

- **Look Ahead**

- Continue mentoring and training personnel on approved Project Plans and procedures.
- Continue HART/GEC QA/QC and Environmental Compliance oversight of the WOFH, KHG and MSF, and FHSG contracts. Commenced QA oversight of Core System contract.
- Perform scheduled QA Audits and Surveillances.
- Assist in the quality review of other RFQ(s).

4.3 RIGHT-OF-WAY

- **Activities this month**
 - Appraisals:
 - Initiated appraisal review for TMK 9-7-022:021, a partial take within Kamehameha section.
 - Acquisitions:
 - Offer accepted for TMK 2-3-004:069, a full take within the City Center Section.
 - Tentative settlement reached with owners of TMK 2-3-004:048 within the City Center Section. FTA concurrence will be required before final agreement.
 - Currently HART is \$4.6 million under budget for the acquisition of the 13 properties that HART. The budgeted amount was \$18.7 million and the actual amount was \$14.1 million.
 - Relocations:
 - 30 day notice was issued to the business located at the proposed West Loch Station site (TMK 9-4-048:047 and 9-4-048:046,)
 - Continuing to work with Banana Patch residents on their relocation.

	Original # Parcels in FEIS	Current # Parcels Needed	Appraisals In Process	Appraisals Complete	Offers	Acceptance	Relocation Complete	Ready for Construction
FULL ACQUISITION								
Total	40	40	3	20	19	15	6	5
Section 1	14	14	0	14	13	12	3	3
Section 2	5	5	1	2	2	1	0	1
Section 3	5	5	0	0	0	0	0	0
Section 4	16	16	2	4	4	2	3	1
PARTIAL ACQUISITION								
Total	163	139	0	6	6	0	0	3
Section 1	18	13	0	1	1	0	0	2
Section 2	21	5	0	3	3	0	0	0
Section 3	31	31	0	0	0	0	0	1
Section 4	93	90	0	2	2	0	0	0
EASEMENTS								
Total	12	12	0	0	0	0	0	0
Section 1	6	6	0	0	0	0	0	0
Section 2	0	0	0	0	0	0	0	0
Section 3	1	1	0	0	0	0	0	0
Section 4	5	5	0	0	0	0	0	0
GRAND TOTAL	215	191	3	26	25	15	6	8

- **Look Ahead**
 - Entire Alignment
 - Award contract for Real Estate Consultant.
 - WOFH Section
 - Complete acquisition of TMK 9-6-003-018 within the Banana Patch and TMK 9-4-019:050 at Waipahu Station.
 - Continue relocation efforts associated with Banana Patch Residents.
 - Finalize appraisal for TMK 9-4-047:008, a partial take.
 - Finalize the consent to construct agreement with DR Horton for TMK 9-1-17:004.

- Kamehameha Section
 - Continue negotiations for TMK 9-8-010:002 and partial takes associated with TMK 9-7-023:008 and TMK 9-7-022:008.
 - Submit appraisal for TMK 9-8-009:017 for FTA review and concurrence.
 - Complete appraisal review for TMK 9-7-022:021.
- Airport and City Center Sections
 - Continue to secure consent to enter for archaeological survey.
 - Continue negotiations for TMK 1-5-007:021; and a partial take associated with TMK 1-7-002:026 and TMK 1-2-009:017.
 - Submit appraisals for TMK 1-2-010:068 and TMK 1-2-009:001 for FTA review and concurrence.
 - Submit administrative settlement for TMK 2-3-004:048 for FTA concurrence.

4.4 PLANNING and ENVIRONMENTAL

- Activities this month

4.4.1 Programmatic Agreement (PA)

- Archaeological Inventory Surveys (AISs):
 - **Phase 3 (Airport) AIS.** There is still no response from to State Historic Preservation Division (SHPD) on the AIS Plan submitted for review and comment. This section is expected to start sometime after January 1, 2012. Noise and noise variance permit applications have been submitted to DoH.
 - **Phase 4 (City Center) AIS.** Except for the noise variance, all permits have been received and active trenching is underway; 12+ trenches (of 232) have been completed to date. Holiday season road work restrictions are anticipated.
- **PA Meetings.** The PA Quarterly Meeting was held November 1. Inadvertently, PA signatories had been omitted from an invite list for that meeting. A make-up meeting, open to all parties, was held November 28, 2011.
- **Burial Protocol.** Although approved by the SHPD, Consultation Protocol for Iwi Kapuna is still under discussion with FTA and OHA (Office of Hawaiian Affairs). The focus is on the definition of 'burial'. The protocol uses a broader interpretation that some feel is not consistent with state law. Corporation Counsel has provided HART and FTA with a legal opinion on this matter. Regardless, all consultation procedures are in place for any find of human remains, regardless of the definition of 'burial', including coordination with the SHPD and Oahu Island Burial Council.
- **Kako'o.** Procurement of Kako'o professional services is in progress and may be completed by the end of the year.

4.4.2 Mitigation Monitoring Program (MMP) and Associated Actions

- **Environmental Plans.** Environmental Compliance Plans (ECPs) are in revision for: KHG, FHSG and MSF. A revised draft Invasive Species Report has been submitted by MSF. KHG has submitted the first draft of its Tree Disposition Plan.

- **The Outdoor Circle (TOC).** There has been continued coordination with TOC regarding project tree impacts and mitigation efforts. A field trip to the Kamehameha Highway Guideway Section was held on November 8, and HART met with the TOC on November 10th. TOC has a particular tree of interest at Sam's Club: a large canopy monkeypod that is in the proposed guideway path near a potential column location. Developing a positive relationship with TOC continues to be a challenge.
- **FTA Environmental Documentation.** HART Planning and Environment Staff informally submitted environmental documentation summaries to FTA for all 8 items presented as part of the October budget reduction. FTA has requested a stand-alone format for each item to support the administrative record. HART and GEC staff are preparing the documentation and want to identify a format and procedure that works for FTA for future changes.

Staff has also agreed to submit an informal list of project Post-ROD changes to FTA at least monthly. As a project-wide look at savings opportunities continues and design becomes more accurate, there will be a continued list of changes, especially at station areas.

- **HDOT/FHWA Airspace Clarifications.** There has been some confusion with HART, FHWA and HDOT on the difference between air space over interstate highways and use and occupancy of federal-aid highway ROW (includes state highways). A CE was done for crossing air space not for use and occupancy. A HART memo on use and occupancy detailed all areas interstate and state roads that the rail project would cross or use by guideway section which gave the impression of added air space usage. HART is working with HDOT to clarify this issue.
- **Department of Education Presentation.** HART met with Department of Education staff and area administrators on November 29 to clarify their concerns regarding possible rail noise and vibration effects in the vicinity of two elementary schools. Impacts to students from increased traffic was also a concern. FEIS technical studies indicated that there are no noise or vibration or traffic impacts to these area schools. The meeting was informative and concerns were addressed.
- **Abutilon.** HDOT is reviewing the MOA for the Certificate of Inclusion for the Abutilon Incidental Take License.
- **Aloha Stadium.** Comments have been received from the Hawaii Department of Accounting and General Services (DAGS) has provided comments on the June MOU draft. Additional discussion on parking spaces and charges for parking will be necessary.
- **Navy Coordination.** The next coordination next meeting is set for mid-December.

4.4.3 Environmental Permitting

- **Plan Review Use (PRU).** The request for minor modification to the PRU application for Leeward Community College (LeeCC) was submitted to DPP on November 1. This is an administrative request at this time. We are awaiting DPP response.
- **Joint Development Application.** MSF Joint Development application associated with Department of Hawaiian Home Lands (DHHL) property is in progress. The Joint Development approach allows HART to combine parcels for the MSF facility. (A key issue is whether HART can work with a portion of a parcel or if full parcel is required that it will then include the existing Waiawa Interchange. Once clarified, HART can move ahead either way.)

- **Clean Water Act.** A meeting was held on November 21 with the US Army Corps of Engineers on the eight stream crossings associated with the project. This includes four additional from the FEIS. Good news is that all can be processed under Nationwide Permit 13's. Also column placing is not seen as a dredging activity by the Corps.

4.5 PERMITS

- **Activities this month**

- The Department of Planning and Permitting (DPP), who had initially issued the Shoreline Setback Variance (SSV) for the Maintenance and Storage Facility (MSF) contract, has been charged with the procedural requirement of holding a public hearing on December 19. If there are no objections as the result of this hearing, DPP is expected to reissue the SSV. Work on the MSF contract that requires the SSV is not planned until the summer of 2012.
- The Hawaii Department of Health (HDOH) has given verbal approval with regard to the Noise Variance for the City Center AIS work. The actual permit has not yet been received.
- Applications for the Airport AIS NPDES permit, Noise Permit and Noise Variance have been submitted to HDOH.
- A meeting with the Army Corps of Engineers was conducted to verify the permitting approach for the 404 permit to the Corps and the parallel 401 submittal to HDOH. Submittals of both are anticipated for December.

4.6 RISK MANAGEMENT

- **Activities this month**
 - Updated risk mitigation plans and developed plans for new risks.
 - There are 354 risks being monitored.
 - Change request terms have been finalized for self insurance for MSF, WOFG and KHG contracts.
- **Look Ahead**
 - The regular monthly meeting of the Risk Analysis Committee (RAC) is scheduled for December 15. (There was no RAC Meeting in November due to the Thanksgiving holiday.)
 - Receive insurance quotes from for MSF, WOFG and KHG contracts
 - Procurement documents for the OCIP Consultant RFP will be finalized.
 - Identify new secondary mitigations.
 - Eight monthly contract/discipline specific risk workshops are scheduled.
 - Continue update of risk mitigation plans and development of plans for top risks.

Summary of Risks

Contract Packages	September 2011 # of Risks	October 2011 Update			
		Total # of Risks	Newly Sub-Divided Risks*	New Risks	Deleted Risks
Project Wide	64	68	0	3	0
West Oahu/Farrington Highway Guideway	53	53	0	0	0
Maintenance & Storage Facility Contract	25	26	1	0	0
Kamehameha Highway Guideway	42	43	1	0	0
Core Systems Contract	27	27	0	0	0
Right of Way	13	13	0	1	0
Airport Guideway	51	51	0	0	0
City Center Guideway	56	56	0	0	0
Project Wide Stations	5	5	0	0	0
Farrington Highway Stations	2	2	0	0	0
West Oahu Stations	4	4	0	0	0
Kamehameha Highway Stations	2	2	0	0	0
Airport Stations	1	1	0	0	0
City Center Stations	3	3	0	0	0
Total	348	354	2	4	0

*All Project Wide risks that are determined to be applicable to various contracts are sub-divided into those contracts and then evaluated at that contract level.

FTA Risk Categories

FTA Risk Categories	Oct. 2011	%
Design	99	28.0%
Requirements	79	22.3%
NEPA	21	5.9%
TCC	17	4.8%
Market	10	2.8%
Geotech/ Early Constr	34	9.6%
Construction	93	26.3%
Start-Up	1	0.3%
Total	354	

Top Ten Risks

Risk ID	SCC Code	Contract Package	Risk Description	Prob	Prob Rating	Cost Impact	Time Impact	Oct. Risk Rating	Sept. Risk Rating
150	80.00	Project Wide	Staffing costs are higher than baselined budget.	90%	5	5	1	15	
149	80.00	Project Wide	Final design costs for DBB contracts are higher than in baselined budget.	90%	5	5	1	15	
60e	10.04	City Center Guideway	Given limited geotechnical information available at this time, additional costs may be incurred associated with final design through construction.	90%	5	5	3	20	20
146	90.00	Project Wide	Due to obtaining the Grace Pacific Rocky Mountain site additional costs may be incurred.	90%	5	5	2	17.5	17.5
91	50.01	Core Systems Contract	If there is a legal protest to the award of Core Systems it could cause delays to NTP resulting in additional costs and schedule delays.	100%	5	4	3	17.5	17.5
67	90.00	WOFH	Delay to issue NTP results in claims for additional costs.	100%	5	5	2	17.5	17.5
140	90.00	Project wide	Based on a recently passed bill, GET exemptions would be suspended and result in additional tax payments by contractors which have not been accounted for in estimate.	90%	5	5	0	12.5	12.5
116	40.02	City Center Guideway	Assumption is water mains will be relocated around columns by addition of bends; this may not be allowed by BWS.	90%	5	3	2	12.5	12.5
36	80.06	Project Wide	Unanticipated litigation may add cost to the Project (e.g., protests from adversary groups, community groups, adjacent landowners, and other affected parties).	90%	5	5	0	12.5	12.5
59d	40.08	City Center Guideway	Traffic disruptions in City Center segment may result in revised constraints imposed by City or HDOH (lane restrictions and peak time flow restrictions).	75%	4	4	2	12	12

New Risks

Risk ID	SCC Code	Contract Package	Risk Description	Cal Prob	Prob Rating	Cost Impact	Time Impact	Risk Rating
149	80.00	Project Wide	Final design costs for DBB contracts are higher than in baselined budget.	90%	5	5	1	15
150	80.00	Project Wide	Staffing costs are higher than baselined budget.	90%	5	5	1	15
151	90.00	Project Wide	Lack of Project communication results in delays and additional costs	10%	1	3	2	2.5
152	80.01	KHG	ROW not acquired by other as shown in RFP drawings at Acacia Rd results in delays.	50%	3	3	3	9

4.7 COMMUNITY OUTREACH

- **Activities this month**

- The project's public involvement team continued coordinating the town hall meetings throughout Oahu, updating the community on the project and providing residents with the opportunity to ask questions about the rail system.
- Community outreach for the Archaeological Inventory Survey (AIS) for the Kalihi to Kaka'ako portion of the route is well underway with the public involvement team canvassing the area to inform residents and businesses in the area about the current work.
- Outreach efforts are underway in support of the start of the Kamehameha Highway Guideway contract work.
- In November the public involvement team participated in 9 presentations, workshops and events, and 12 neighborhood board meetings this month. To date staff has participated in 1,079 presentations and events and 604 neighborhood boards.



HART's public involvement team discusses the rail project with residents at the Food & New Products show, one of the state's largest trade shows with an estimated 30,000 attendees.

- **Look Ahead**

- Asia-Pacific Economic Cooperation (APEC) informational display
- Ethnic media and public radio outreach
- Website upgrades: Interactive maps, real-time construction updates

5. STAFFING

- **Activities this month**

- Positions filled in November (All HART positions unless otherwise identified as InfraConsult):

- Civil Engineer V (WOFH)
- Electrical Engineer III (Systems)
- Planner V (Permits Coordinator)
- Secretary II (Planning)
- Information Technology Support Technician (CMS)
- Scheduler (Project Controls)
- Senior Clerk (Project Controls)

- Positions with Hiring/Recruiting in progress:

Engineering

- Architect VI - Selection made, December start date
- Structural Engineer – Selection made, February start date
- Civil Engineer VI (KHG) – Recruiting
- Utility Engineer (Civil VI) – Interviewing/ Recruiting
- Civil Engineer VI (City Center) – Recruiting
- Lead Civil / Interface Engineer – Recruiting
- Electrical Engineer (Systems) – Recruiting
- Planner V (Land Use/Mitigation) – Recruiting

Administration and Project Controls

- Internal Control Analyst – Selection made, December start date
- GIS Analyst III (ROW) – Selection made, November start date
- Procurement and Specifications Specialist – Selection made, December start date
- Right of Way Agent (ROW) – Relocation, Selection made, January/February start date
- Board Administrator – Recruiting/Interviewing
- Board Administrator and Government Relations Support – Recruiting/Interviewing
- Contracts Officers – Recruiting
- Information Technology Support Technician (Programmer) – Recruiting/Interviewing
- Transit Arts Program Manager – Recruiting
- Senior Clerk – Administration – Recruiting

Labor Relations

- Project Labor Agreement Manager – Recruiting

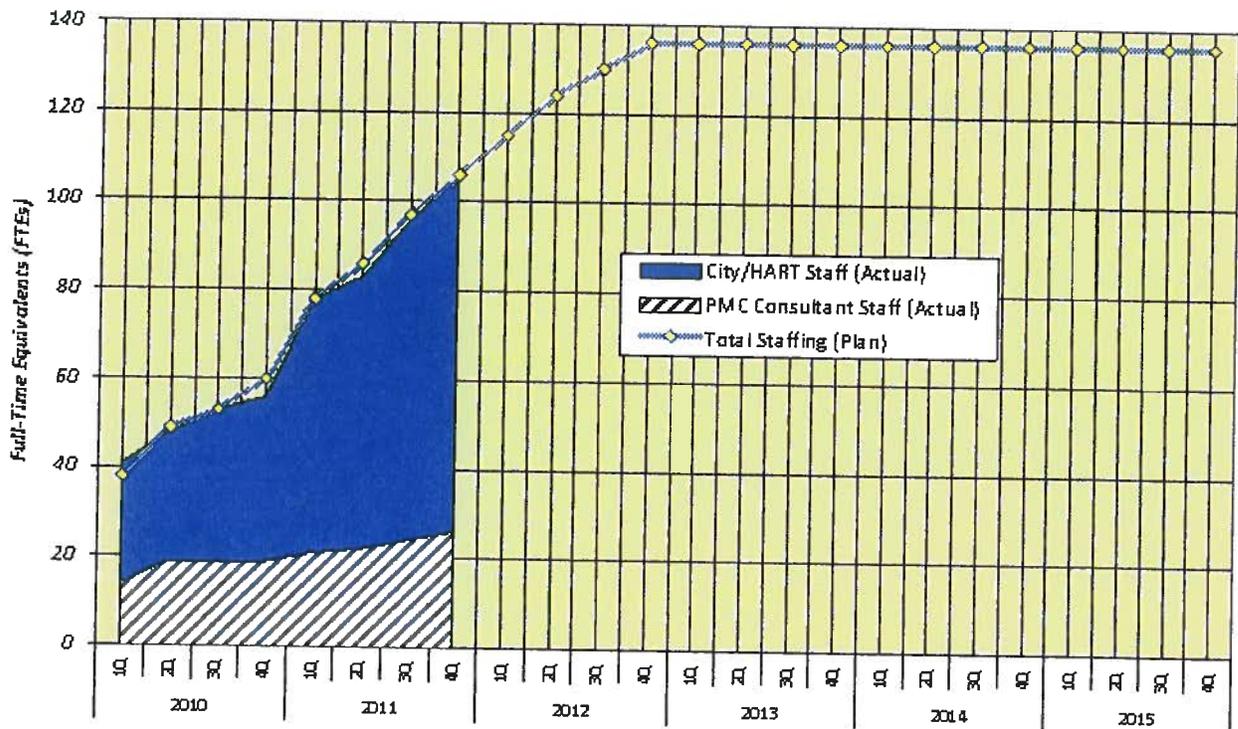
Public Involvement

- Information Specialist II (Community Relations) – Selection made, January start date

- Staffing projection versus actual as defined in the current Staffing Plan:

- **Target** (including PMC staff) 4th Quarter 2011 (end of Dec): **106 employees**
- **Actual** (including PMC staff) As of Nov 30: **106 employees**

Project Management Staffing



- HART is currently receiving direct project support in centralized City functions from the following City departments:
 - Honolulu Police Department
 - The Department of Information Technology
 - Department of Budget & Fiscal Services
 - Department of Design & Construction
 - Corporation Counsel
 - Department of Human Resources

- For greater organizational structure detail, please refer to the HART Organizational Charts in the Appendix of this report.

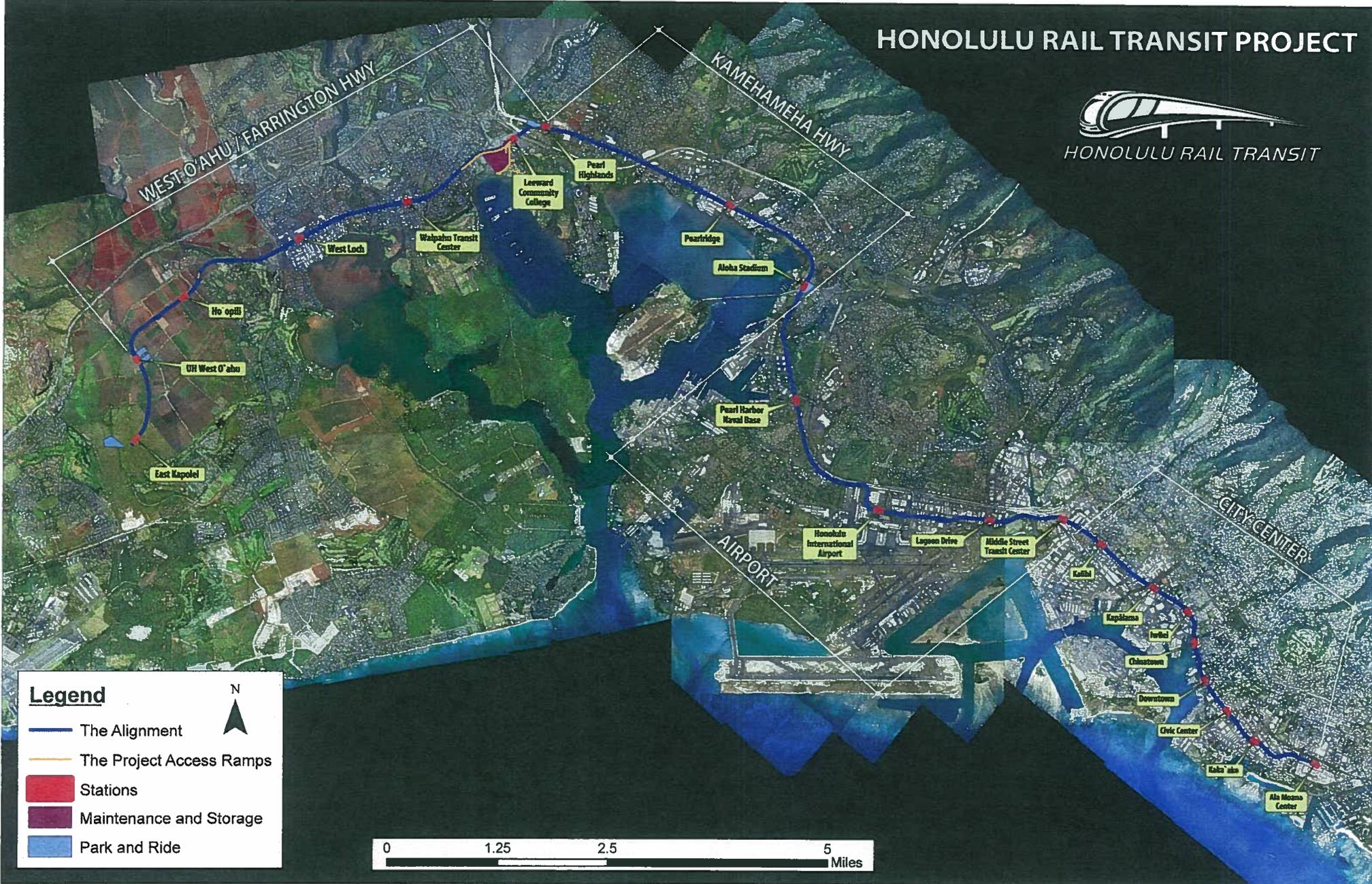
6. APPENDIX

- **A-1 Project Organization Charts**
- **A-2 Project Alignment**

HONOLULU RAIL TRANSIT PROJECT



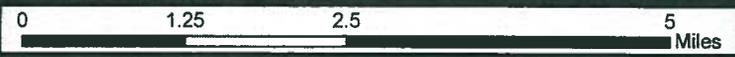
HONOLULU RAIL TRANSIT



Legend

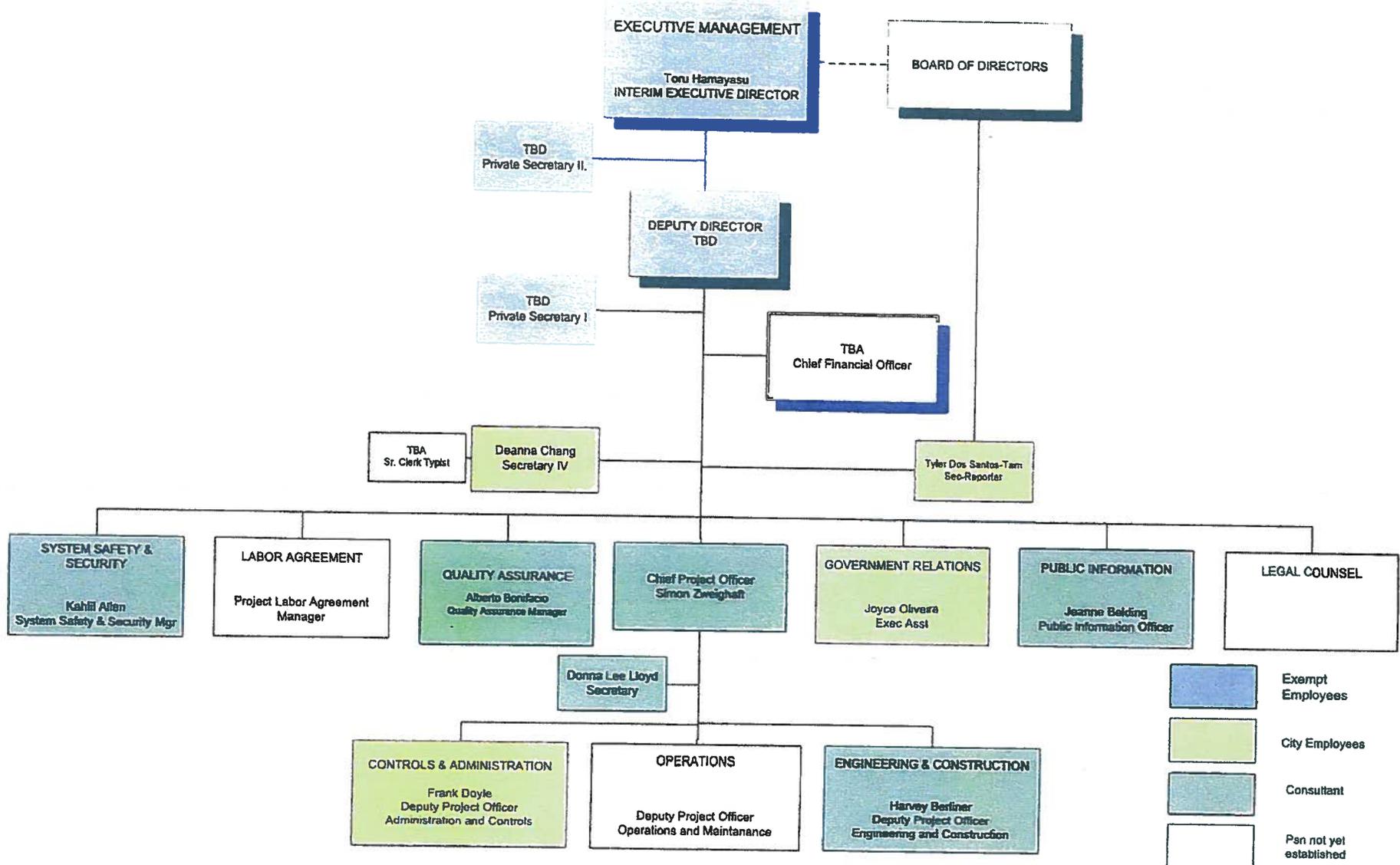
- The Alignment
- The Project Access Ramps
- Stations
- Maintenance and Storage
- Park and Ride

N



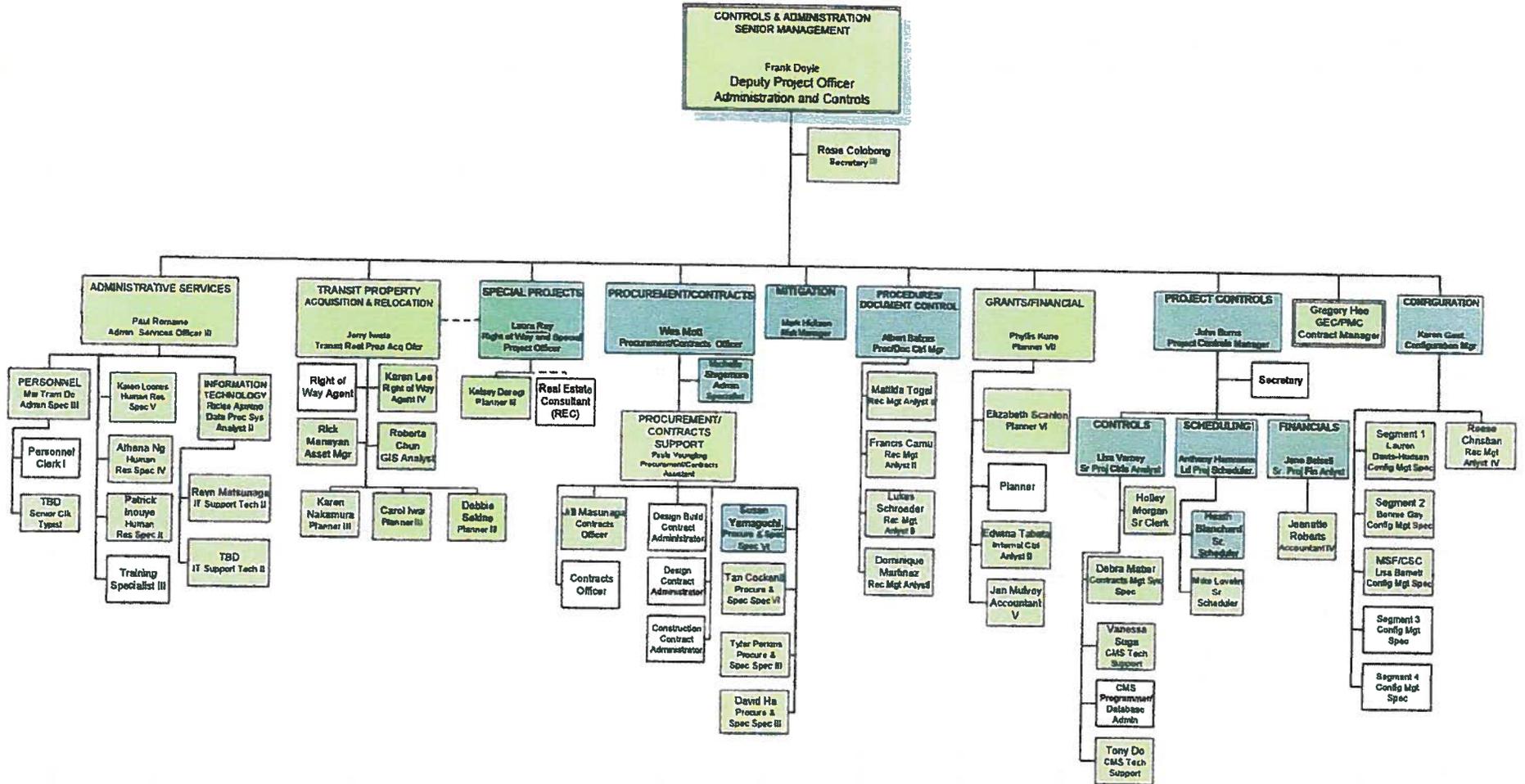
Honolulu Authority for Rapid Transportation

10/11/2011

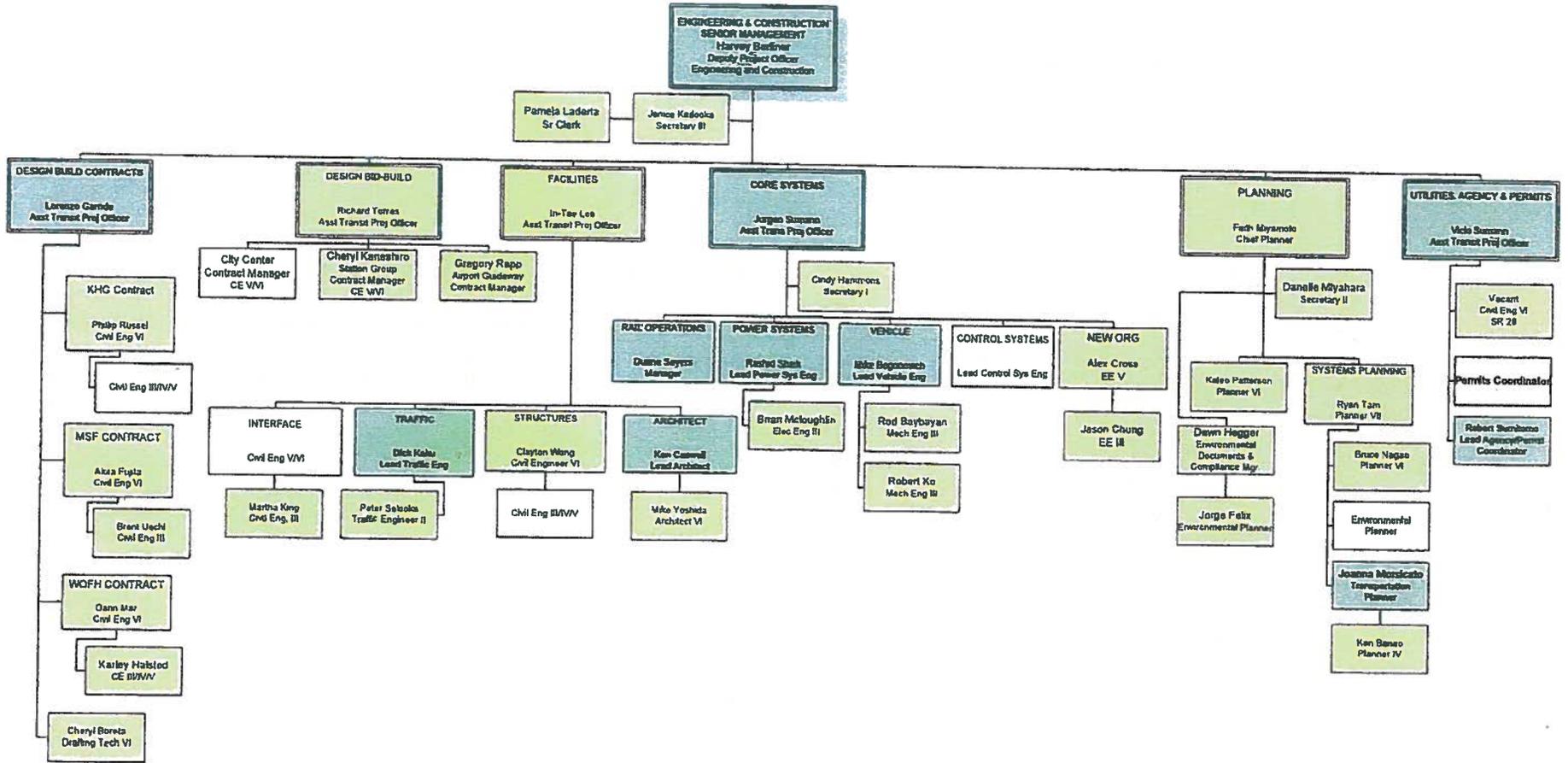


	Exempt Employees
	City Employees
	Consultant
	Psn not yet established

Honolulu Authority for Rapid Transportation Controls and Administration



Honolulu Authority for Rapid Transportation Engineer and Construction



Honolulu Authority for Rapid Transportation
Labor Relations, Quality Assurance,
Public Information, Government Relations, and
System Safety & Security

