

# **QUARTERLY MEETING REPORT**

**Honolulu Rail Transit Project**  
City and County of Honolulu  
Honolulu Authority for Rapid Transportation (HART)  
Honolulu, HI

April 22, 2015 (FINAL)

PMOC Contract Number: DTFT60-14-D-00012  
Task Order No. 3 / Work Order 1: Honolulu Rail Transit Project  
Project No: DC-27-5288  
OPs Referenced: OP 1 and 25

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Length of Time Assigned: Five Years (November 18, 2009 through February 23, 2015)

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## **1.0 INTRODUCTION**

The purpose of this report is to provide the Federal Transit Administration (FTA) with summary discussions and activities from the Quarterly Meeting held on April 22, 2015 with the City and County of Honolulu/ Honolulu Authority for Rapid Transportation (HART) for the Honolulu Rail Transit Project (Project).

The meeting agenda is included as Appendix B, and the attendance list is included as Appendix C. A handout of the presentation was provided to each attendee by HART. The meeting handout materials are available upon request. The following report supplements the information contained in the handout materials and the HART Quarterly Report.

## **2.0 OPENING REMARKS**

### **2.1 Federal Transit Administration**

Leslie Rogers, FTA Region IX Administrator, welcomed everyone to the Quarterly Meeting in Honolulu and provided the following remarks:

- The FTA thanked HART for providing an alignment tour of the Honolulu Rapid Transit Project on April 21, 2015.
- The FTA also thanked the Federal Highway Administration (FHWA) for participating in the Quarterly Meeting.
- The FTA provided a brief overview of the President’s message on climate change since the Quarterly meeting was held on Earth Day.
- Since the last Quarterly Meeting in January 2015, there have been some recent FTA appointments. Carolyn Flowers, former Chief Executive Officer of the Charlotte Area Transit System, is now the Senior Policy Advisor to the FTA Administrator. Dorval Carter is now the Acting FTA Chief of Staff, and Therese McMillan is still the acting FTA Administrator.
- Grow America Act – The Obama administration proposed a 6-year, \$478 billion transit/highway bill that would make it possible for America to build out, repair, and modernize our transit and highway network. The current legislation expires on May 31, 2015 and this legislation would close the physical gap in infrastructure funding and would invest billions in public transportation.
- Beyond Traffic 2045 – USDOT Secretary in February 2015 rolled out a 30-year framework for the future. Beyond Traffic is an invitation to the American public, including the users, developers, owners, and operators of the transportation network and the policy officials who shape it, to have a frank conversation about the shape, size, and condition of that system and how it will meet the needs and goals of our nation for decades to come. More information is located on the USDOT website and the FTA encouraged HART to provide comments.
- The FTA provided a brief overview of the US Conference of Mayors and the type of challenges being faced by our communities.
- The FTA thanked HART/DTS for their participation of the Triennial Review that was performed by the FTA, which included three (3) Enhanced Review Modules (ADA, Technical Capacity, and Procurement). The purpose of the Triennial review is to provide

a review and forward-looking assessment of the grantee's risk in the management and implementation of FTA grant programs.

- FTA suspended the transition from TEAM to Transit Award Management System (TrAMS) until the start of 2016.
- The USDOT recently announced an initiative to permit, on an experimental basis, Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) recipients and sub-recipients who wish to utilize local or other geographic labor hiring preferences, economic-based labor hiring preferences, and labor hiring preferences for veterans that had generally been disallowed due to concerns about adverse impacts on competition. Should USDOT find that such restrictions do not unduly limit competition, USDOT may provide further guidance regarding their use.
- The FTA is evaluating the regulatory burdens on vehicle contracts.

## **2.2 Honolulu Authority for Rapid Transportation (HART)**

Brennon Morioka, HART Deputy Executive Director (DED) thanked the FTA, FHWA, PMOC, and HDOT and provided the following remarks:

- The HART Executive Director was attending a City Council meeting, and he would join the Quarterly Meeting as soon as the City Council meeting ended.
- HART provided an update on the GET revenue. HART collected \$65 million in tax revenue for the quarter that ended in March 2015. The amount was \$9 million above quarterly projections based on HART's financial plan. HART's overall revenues are roughly \$30 million lower than expected.
- HART provided an update of the current legislation to extend the Honolulu General Excise Tax (GET) surcharge. The Hawaii Senate passed a House bill that would extend the City and County of Honolulu's surcharge on the state's general excise tax for the rail transit project through 2027. The senate amended the house version twice and the current House Bill 134 will go before the conference committee next week. The legislative session closes on May 1, 2015 and HART is eager that some form of GET surcharge will be passed. The Governor has a few months to approve after May 1, 2015 and the City Council will need to approve an ordinance after the Governor approval.
- The FTA inquired about the GET tax collection conversion from a manual system to an electronic system. HART responded that the state is reviewing the possibility of converting the existing system but it may take some time to initiate if it is approved. The state's processing fee for the GET surcharge is 10 percent. However, the 10 percent processing fee is in conference committee discussions for the GET extension and the current version is at 10 percent for 5 years.

## **3.0 PROJECT OVERVIEW**

Sam Carnaggio, the HART Project Director, provided the following project overview update:

- General Project Overview – The overall project management and communications between HART departments is improving.
- Decision Matrix Status – During the last Quarterly Meeting, the FTA stated that it would hold HART to FFGA requirements. HART developed a decision matrix to track progress, and he indicated they are tracking issues with 3<sup>rd</sup> parties, utilities, ROW, GET extension,

and procurement actions. FTA inquired about the cost savings associated with the four-car train change that FTA approved in December 2013. HART responded they are tentatively looking to finalizing the 4-Car change in June 2015.

- Project Organization Updates – HART provided an overview from its March 2015 Monthly Report. HART stated that the Deputy Director of Engineering and Construction will leave the project in May 2015. HART is in the process of identifying a replacement.

#### **4.0 MANAGEMENT PLAN STATUS**

HART provided the following update on the status of the management plans:

- HART provided a handout on the status of the management plan deliverables. The PMP, Financial Management Plan, and Contract Packaging Plan will be ready for review in July 2015, if not sooner.
- A revised draft of the PMP is currently under internal review. The new draft reduces the quantity of management sub-plans and procedures and emphasizes HART's ownership and coordination amongst the plans and procedures. The PMOC stated the HART staffing/succession plan should not be deleted.
- HART Executive management is going to have a workshop to clarify roles and responsibilities looking for opportunities to streamline decision making.

#### **5.0 SAFETY BRIEFING**

HART provided the following update on the status of safety and security:

- HART anticipates issuing its first safety certification within the next two months from April 2015 for the Airport Seven Piers contract.
- Accident/Injury Statistics – minor vehicle damage was reported for WOFH and KHG. No serious accidents/incidents were reported.
- HART is in the process of updating its Safety and Security Management Plan (SSMP), Safety and Security Certification Plan (SSCP), and Construction Safety Plan (CSP) to conform to the pending update of the PMP which is anticipated in June 2015.
- HART has not finalized the Honolulu Police Department and Honolulu Fire Department MOU's but anticipates the Agreements to be in place prior to the interim opening and the Revenue Service Date (RSD).
- HART provided an update of the Safety and Security Roadmap and is tracking critical items on its Master Program Schedule. An MPS update will be provided to the PMOC in June 2015.
- HART Safety and Security Review Committee is making progress on the Certifiable Elements Lists (CELs) or Certifiable Items Lists (CILs) for active projects. HART is in the process of approving CELs/CILs, and the PMOC will be tracking HART's progress monthly.
- Threat and Vulnerability Assessments (TVA) – HART revised its Contract Packaging Plan; updates to the Airport, Navy and System-wide TVAs will be needed later.
- Preliminary Hazard Analysis (PHA) is being finalized to reflect actual mitigations designed into the project with final hazard ratings as the design reaches the 100% design level. A PHA status report is under development to track updates and SSRC approval status. The PHA status report will be provided to the FTA/PMOC by May 2015.

- Design and Construction Conformance Checklist –HART is progressing on Design Conformance but is lagging on Construction Conformance since they are still finalizing construction checklists.
- Safety Open Items List (OIL) – HART is tracking OILs from the CSC, WOFH, MSF and KHG projects. HART created a database and is working on establishing a procedure to address how to close hazards on the log.
- Testing and Start-up – Interim certification requirements for the vehicle storage track, maintenance bay, rail yard test track, and the functional track will be dictated by the actual vehicle delivery date and all associated contracts related to vehicle testing.

## **6.0 HAWAII STATE SAFETY OVERSIGHT AGENCY (SSOA) UPDATE**

HDOT provided an update on the status of its safety and security oversight:

- HDOT State Safety Oversight Agency (SSOA) Program has been in place for approximately two years.
- HART progress on safety and security is evolving.
- HDOT is monitoring MAP-21 requirements for safety and security. FTA issued a Notice of Proposed Rulemaking (NPRM), which is out for comment.
- HDOT continues to meet with HART on a monthly and quarterly basis.
- HDOT continues to review HART submittals, including Certifiable Elements Lists (CEL)/Certifiable Items Lists (CIL).
- HDOT is monitoring the launch of FTA’s Safety Management System (SMS).
- HDOT to submit SSOA reports through FTA’s portal, which is based on its FTA-approved certification plan.
- HDOT is concerned with the progress of HART’s pre-revenue certification documents and the deliverable dates to HDOT.
- HDOT to apply for FTA grant to fund HDOT’s SSOA Program in the near future.
- FTA is developing an SSOA Workshop for September 2015.

## **7.0 PROJECT CONTROLS**

### **7.1 Program Budget and Cost**

HART provided an update on the budget and expenditures to date for the Project:

- The Project Budget is currently \$5.122 billion. However, HART acknowledged that the Project may exceed the FFGA budget by \$594 million or more due to project delays, lawsuits, contingency erosion, and changing market conditions. HART is currently using a significant amount of project contingency to cover the project costs.
- Due primarily to market factors, cost estimates on all station and guideway construction on the eastern segments now vary from 30% to 70% above the FFGA budget allocated for those contract packages.
- Cumulative costs for professional service contracts for design services, management support, and HART overhead will increase if the RSD schedule extends beyond January 2020.
- HART’s total incurred cost to date is \$1.410 billion.

- HART indicates a forecasted amount of \$303.3 million remaining in contingency. HART's March 2015 Monthly Report shows \$515.6 million currently available in contingency. HART is in the process of revising this in the next Monthly Report to include the forecasted contingency remaining as well as the current amount of what is remaining. FTA noted that a letter will be sent to HART regarding the FFGA.

## 7.2 Schedule

The Master Project Schedule will require revision as a result of the re-packaging of the remaining construction contracts. The MPS must be updated to assess the impacts of these changes on the Revenue Service Date (RSD). HART has indicated that the MPS will be completed in June 2015. It is possible that the FFGA RSD may not be met, depending on the contract delivery method used by HART for the remaining construction contract packages.

HART provided a brief progress update on the MPS to date for the Project:

- Core Systems Contract (CSC) – AHJV submitted revisions to its baseline schedule, which is awaiting HART approval. The AHJV schedule shows the Interim RSD as October 2017 and full RSD as June 2019. HART anticipates having an approved re-baselined schedule by July/August 2015.
- MSF DB Contract – The Kiewit/Kobayashi Joint Venture (KKJV) Time Impact Analysis (TIA) matches the CSC schedule for vehicle delivery. Operation and Servicing Building (OSB) steel erection is ongoing, underground utilities are in progress, and preparations for the west yard lead are underway.
- Guideway Sections 1 & 2 – Kiewit's overall design plan is near approval and supports functional test track availability in time for the CSC four-car schedule. WOFH contract bridge span construction is ongoing. KHG contract underground utilities are ongoing and method and test shafts are nearing completion. Kiewit intends to implement a third guideway erection truss for KHG to meet its production schedule.

## 7.3 Program Risk Assessment

HART's Risk Manager provided a summary of the top risks associated with the project and provided a presentation on risk severity by contract. Highlights of this discussion included:

- Risks associated with the market, right of way, utilities, and third parties top the list of concerns.
- Utilities, particularly HECO's ability to meet schedule, are of key concern.
- Contractor Production Rates not being met.
- Core Systems Interface and schedule coordination may be affected; A) protests of station package procurement and B) production rates of the guideway contracts. However, HART noted that the MSF is proceeding on schedule and should not pose a risk with regard to interface.
- Securing U.S. Navy property is essential to minimize potential delay to the Airport Utilities contractor.

HART has identified risk mitigation measures for the items above. FTA stated that strong controls must be implemented by HART immediately to avoid future rapid contingency

reduction. HART should control, monitor, track, and implement primary risk mitigations and develop a list of secondary risks measurements with planned mitigation strategies and implementation. HART shall continue to work with FTA on the appropriate use of primary and secondary mitigation measures to successfully implement and fulfill the terms of the FFGA. Whether or not the GET is extended, FTA expects that HART will implement cost containment measures.

## **8.0 FINANCE PLAN**

HART provided the following finance plan update:

- GET Surcharge Revenue – HART collected \$65 million in tax revenue for the quarter that ended in March 2015. The amount was \$9 million above quarterly projections shown on HART's financial plan. HART's overall revenues are now roughly \$30 million lower than expected.
- HART intends to issue an update of the Financial Plan by mid-July 2015 based on the updated MPS and updated contract packaging plan that are to be updated in June 2015.
- HART indicated that it will not have access to \$210 million in Section 5307 funds for the project. HART and the City will need to identify substitute funding and address this shortfall in the update of its Financial Plan.
- The updated Financial Plan will also include updated O&M costs for the rail system.
- Debt Financing Structure – HART will take advantage of low interest rates and an improved borrowing plan to save an estimated \$60-75 million in borrowing costs.

## **9.0 PROCUREMENT**

HART provided the following update:

- Farrington Highway Station Group Construction – Invitation for Bids (IFB) was issued in December 19, 2014. Bids were received on March 3, 2015. The apparent low bid was \$78.9 million. HART received a bid protest notification from the second low bidder on March 9, 2015. Notification of the appeal was provided to the FTA on March 11, 2015. HART denied the bid protest on April 14, 2015. The protester filed an appeal with the Department of Commerce and Consumer Affairs (DCCA) on April 20, 2015.
- H2R2 Ramp – HART issued an addendum and pushed the bid date to April 28, 2015. HDOT and FHWA accepted the Interstate Access Modification Report submitted by HART.
- On-Call Construction Contractor II – HART anticipates issuing NTP on May 8, 2015.
- Fare Collection Technical Support Consultant – Request for Qualification (RFQ) was issued on March 24, 2015. Bid Proposals were due on April 27, 2015.
- Construction Engineering and Inspection (CE&I) II – RFQ issued on March 25, 2015. Bid Proposals are due on May 20, 2015.
- Airport Guideway and Stations – RFP Part 1 issued on April 7, 2015. Bid Proposals Part 1 are anticipated to be received on June 9, 2015. RFP Part 2 is anticipated to be issued on July 7, 2015 and Bid Proposals Part 2 are anticipated to be received on December 15, 2015.
- West Oahu Stations Group Construction – IFB was issued on April 13, 2015. Bids are anticipated to be received on June 16, 2015.

- Pearl Highlands Parking Structure – HART has deferred this solicitation with the next solicitation action scheduled for July 2015.

## **10.0 BUY AMERICA**

HART provided an update on its compliance with Buy America:

- Interim Buy America audit was performed by HART on the CSC vehicles from March 23-25, 2015. An audit report is anticipated to be available in May 2015.
- HART has entered into construction agreements with the following utility companies, under which each of the listed utility company has signed the Buy America compliance certification:
  - Hawaii Electric Company
  - Oceanic
  - Hawaiian Telecom
  - Hawaii Gas
  - Hawaii Independent Energy (formerly Tesoro)

## **11.0 PROJECT DEVELOPMENT**

### **11.1 Right of Way Program Status**

HART provided the Right of Way (ROW) program status:

- 161 parcels remain to be acquired of 239 total needed. HART is tracking the remaining parcels to be acquired monthly, so it does not have an impact on the Airport/City Center Guideway and Stations DB contracts.
- HART ROW continues to work to secure construction rights of entry to support the program procurement schedule, which includes the design-build contracts for the Airport and City Center segments.
- KHG Easements pending (3 critical)
- Eminent Domain – upcoming actions to support Procurement of the Airport/City Center Guideway and Stations DB contracts.
- U.S. Navy property is critical.

### **11.2 Third Party Agreements**

HART provided a status of Third Party Agreements:

- U.S. Navy – Pending NEPA documentation clearance issued by the Navy. HART has several easements pending from U.S. Navy for the Airport Section, particularly needed for the Airport Utility contractor. These easements are critical and could impact construction work. HART is working with the Navy to complete the documentation as quickly as possible.
- University of Hawaii – Meeting regarding Leeward Community College (LCC). UH West Oahu pending after LCC.
- Aloha Stadium – Meeting with Stadium Authority to discuss park-and-ride design. HART to request the construction right of entry for the Station contractor’s work. Work is proceeding for the Guideway.

### **11.3 Permits**

HART provided the following permit updates:

- Critical actions include the following: WOFH section noise variance; Waiawa stream section 401 permit public review ends on April 27, 2015; and KHG MS-4 routing for signature (Urban Garden).
- Upcoming critical actions – Airport section noise permit; Airport section 404/401 Permits.

### **11.4 NEPA Update**

HART provided an update on the status of Post-ROD changes:

- Post Rod – HART continues to assess how project refinements affect the Final EIS and ROD.
- Post Rod – HART is working with FTA to formally submit the Middle Street changes.
- Post ROD – HART to submit City Center alignment refinements to FTA.
- Post ROD – HART to submit Back-up generator information to FTA.
- PA - HART held Programmatic Agreement (PA) Annual Meeting on March 2, 2015 and on-going monthly Kako’o meetings.
- PA – Consulting Party Objections filed under PA stipulation include the Historic Hawaii Foundation and Kanehili Cultural Hui.
- PA – HART submitted the National Register (NR) nominations to SHPD on March 30, 2015.
- PA – HART plans on seeking Burial treatment plan determination of all findings of human skeletal remains classified as “previously identified” at the Oahu Island Burial Council (OIBC).

### **11.5 Grant Status**

HART provided the FTA with a drawdown status. Drawdowns through March 31, 2015 are projected to be \$369 million. Drawdown #16 for \$6.7 million was processed on April 16, 2015.

## **12.0 DESIGN & CONSTRUCTION STATUS**

### **12.1 HECO Update**

HART provided an update on HECO activities.

- HECO has a collective bargaining agreement that has different wage scales and allows payment to its labor forces biweekly, which does not satisfy Davis-Bacon. HECO has requested a waiver at the state and federal level on collective bargaining agreement that has different wage scales and allows payment to its labor forces biweekly. HART is coordinating to resolve this with HECO. No resolution date was provided by HART.
- 50-foot Offset Issue –
  - Horizontal Working Clearances Analysis – HECO is reviewing the current overhead pole and line locations to identify areas where accessibility for HECO maintenance is

- a concern. HART is currently reviewing the results of the HECO analysis. Additional HECO re-evaluation is ongoing for pole locations with sub-optimal clearance. HART has acknowledged that under-grounding of portions of the overhead power lines will likely be required along limited lengths of the guideway. HART has indicated that some costs have been included in the EAC to cover HECO undergrounding, additional HECO work in City Center, and service connections. HART will also be setting up meetings to further discuss and resolve with HECO.
- Bronto Bucket Truck Rental/Testing – HART is still working with HECO on the mechanism to acquire the truck.
  - HECO indicates a need in the 2018-2019 timeframe for a new 46KV substation to feed the Rail Operations Center (ROC) area due to requirements in HECO Rule 13. Initial planning indicates that a currently un-used location on the ROC property may be suitable for this facility. HECO is investigating a system substation, which would also feed the area surrounding the ROC.
  - The cost for activation of the Traction Power Substations was not initially included in the project estimate. A change order will be required to address this cost, which is still being assessed. This issue has been partially captured in HART’s EAC.

## **12.2 Design & Interface**

HART provided a status of the design and interface activities:

- HART is finalizing designs for the remaining DBB packages for the West Oahu Station Group and Kamehameha Highway Station Group.
- HART is preparing DB bid documents for Airport Guideway and Stations/City Center Guideway and Stations.
- HART is coordinating design with stakeholders for the Airport Guideway and Stations/City Center Guideway and Stations.
- HART is monitoring resolution of Middle Street AM Antenna and the proposed path forward (e.g. relocation of antenna or installation of shielding).

## **12.3 Construction**

HART provided a status of the construction activities:

- WOFH/KHG rebaselined schedule and production rates. The delays are the result of less-than-planned production rates and lack of site access. HART and KIWC have been working to mitigate impacts to critical path activities. A revised baseline schedule was submitted by the contractor and it was rejected by HART.
- WOFH/KHG traffic signal betterments have been requested by HDOT. HART is currently reviewing and a resolution, with HDOT participation, appears to be close. Lack of HDOT funding source may delay implementation of betterments.
- WOFH/KHG coordinating with HECO on design and construction issues.
- WOFH Hawaii Department of Health (DOH) ROE – HART continues to work to resolve construction ROE for UH and LCC campus.
- WOFH DOH Section 401 Permit – In order for KIWC to begin drilled shaft work at Pearl Highlands Station, HART needs to obtain Section 401/404 permits from US Army Corps

of Engineers and a Hawaiian Coastal Zone Management (CZM) permit. Both the 404 and CZM permits will be issued after the 401 permit is obtained.

- WOFH DOH Noise Variance – HART had issues with renewing the noise variance permits and there might be potential delays associated since KIWC had to stop work.
- Airport Utilities Navy ROE – Potential construction delays, as ROE has not been granted by the Navy.
- MSF AHJV Construction Interface – Both contractors are working to resolve design interface issues.
- WOFH Span final line and line grades have begun.
- WOFH Span Stressing Trends – KIWC continues to evaluate and eventually repair Span 17. However, span erection has not been able to continue moving westward towards East Kapolei Station. Due to mechanical issues and difficulty in keeping the truss system leveled between Spans 113 and 114, KIWC remained in this area for almost 3 weeks while performing span stressing work.
- WOFH Span 67 Damage and Repair – During the erection process of Span 67, the underside of Segments 67-11 and 67-12 were damaged due to unbalanced support from the temporary bearings. An NCR was issued to address this issue. In March 2015, KIWC distressed the span and erected the two replacement segments onto the false work. KIWC is still determining how to best form the closure segment.
- WOFH Span 17 Damage and Repair Analysis - During the erection process of Span 17, segments 17-1, 17-2, 17-11 and 17-12 were damaged due to unbalanced support from the temporary bearings. An NCR was issued to address this issue. KIWC is in the process of evaluating the extent of the damage. Afterwards, a root cause analysis and a repair procedure will be submitted to HART for review.
- WOFH/KHG Drill Shaft Quality – Of the 224 drilled shafts that have been tested to date, HART has requested that KIWC provide additional testing and/or modifications to 50 shafts to ensure that the shafts meet the specifications. KIWC continues to have weekly Drill Shaft Quality Meetings with HART to discuss testing results, quality, the concrete mix, and methods for repair.
- WOFH Column Quality – There are no issues with the quality of work associated with the columns.
- WOFH Track Profile – KIWC has started to install track work and is shimming the track to meet the profile.

#### **12.4 Core System Contractor (CSC) DBOM**

HART provided an update of the CSC:

- Key Issues:
  - Monitoring resolution of Middle Street AM Antenna and the proposed path forward (e.g. relocation of antenna or installation of shielding).
  - HECO Coordination – HART continues to work closely to resolve open issues.
  - Revised CSC access dates for Stations and Guideway – HART is evaluating overall impacts to the contractor.
  - HART is evaluating overall impacts on revised CSC access to stations and guideway.
  - Buy America Compliance – HART performed an interim audit of the rail vehicles on March 23, 2015.

- HART is working to close open change orders.
- HART provided a passenger vehicle manufacturing update of AHJV’s Reggio Calabria production area which showed the areas of the plant that were dedicated to HART and shared with other non-HART projects.
- HART developed a rail vehicle fabrication matrix for all rail vehicles for the project and will track AHJV’s production using the matrix and also including this information in the HART Monthly Report.

**13.0 QUALITY ASSURANCE/QUALITY CONTROL**

HART provided an update on QA/QC activities:

- HART performed combined QA and Buy America Audits of WOFH, KHG, MSF, and A7 Piers.
- HART performed QA Audit of Final Design which included WOSG and H2R2 Ramp.
- Following is a summary of Non-Conformance Reports (NCR) that have been issued on the project:

Contract	Description	NCRs		
		Issued	Closed	Open
DB-120	West Oahu/Farrington Highway	335	251	84
DB-200	Maintenance and Storage Facility	25	24	1
DB-320	Kamehameha Highway Guideway	52	40	12
DBOM-920	Core Systems Contract	61	42	19
DBB-505	Airport Section Utilities	2	1	1
	HART	32	31	1

It should be noted that the increase in Open NCRs for the WOFH DB Contract is primarily the result of items identified in the precast yard and the concrete consolidation issues with drilled shafts. However, KIWC has developed measures to correct these NCRs and help prevent issues in the future.

**14.0 OTHER ITEMS**

HART provided an update on the status of Disadvantaged Business Enterprise (DBE) Participation:

- Total DBE participation was \$21,254,963
- FTA disbursements to March 31, 2015
  - \$373,171,075; DBE Goal is 13% or \$41,120,614
  - \$21,254,963 represents 6.5% of total FTA funds
- Total project FTA Funds are \$1.764 Billion
  - DBE project goal is 13% or \$229 Million
  - \$21,254,963 represents 1.2% of total Project FTA funds

Equal Employment Opportunity (EEO) program update is scheduled for June 2015. The City and County of Honolulu DTS sent a letter to FTA requesting concurrence that the EEO program for DTS and HART could be separated.

## **15.0 TRIENNIAL REVIEW FINAL REPORT**

No specific triennial review final report items were discussed during this portion of the Quarterly Meeting.

## **16.0 PMOC OBSERVATIONS**

No specific PMOC Observations were discussed during this portion of the Quarterly Meeting.

## 17.0 ACTION ITEMS

The following are the Action Items from the Quarterly Meeting.

Item No.	Item	Responsible Party	Date Identified	Date Due	Date Completed	Status
1	Provide information and resolution on HECO's 50-foot offset requirement	HART	Mar-14	On-Going		On-going – Boom truck equipment was delivered in September 2014 and field testing began in October 2014. HECO evaluating site specific locations where truck may not fully address their requested clearance. HART provided a letter to HECO regarding the lease arrangement of the item. HART & HECO continue to meet on issue.
2	Resolve issue with AHJV regarding cost savings associated with change to 4-car trains	HART	Mar-14	May-15		Open – on-going
3	Resolve HECO issue with Davis-Bacon requirements	HART/FTA	Mar-14	On-going		Open – HECO waiver is pending. HART provided MOU to PMOC.
3	<b>Updates resulting from Risk Refresh:</b>					
4a	Update the Contract Packaging Plan	HART	Aug-14	Apr-15		In progress – Draft under review by PMOC
4b	Re-baseline Financial Plan	HART	Apr-14	July-15		In progress
4c	Re-baseline budget	HART	Apr-14	Jun-15		In progress
4d	Re-baseline MPS	HART	Apr-14	Jun-15		In progress
4f	Update RCMP (including Hold Points and Secondary Mitigation Measures)	HART	Sept-13	Jul-15		In progress – Draft under review by PMOC
5	HART to implement plan to address conflict of interest with AECOM acquisition of URS	HART	Jul-14	Mar- 15	Mar-15	Closed
6	Prepare a Decision Matrix to track key milestone events	HART	Jan- 15	Apr-15	Apr-15	Closed
7	Track Cost Containment measures each month at the Cost Containment workshops to evaluate/measure proposed cost containment measures	HART	Jan-15	On-Going	Apr-15	Closed
8	Prepare a Vehicle Status Chart to track the production status of all 80 rail transit vehicles	HART	Jan-15	Apr-15	Apr-15	Closed

<b>Item No.</b>	<b>Item</b>	<b>Responsible Party</b>	<b>Date Identified</b>	<b>Date Due</b>	<b>Date Completed</b>	<b>Status</b>
9	Provide confirmation of the status of the approval of the Interstate Access Management Report (activity includes HDOT/FHWA action)	HART	Jan-15	Prior to receipt of Bid	Apr-15	Closed
10	MPS Workshop	HART/PMOC	Feb-15	Jul-15		To be scheduled when Preliminary Update of MPS is available.
11	Draft Project Management Plan	HART	Mar-15	May-15		Draft to PMOC before the April 2015 Quarterly Meeting

## 18.0 UPCOMING MEETINGS

The following is a 90-day look ahead for important activities associated with the Project:

<b>Period: April 2015 – May 2015</b>		
<b>Activity</b>	<b>Responsibility</b>	<b>Date</b>
Monthly Progress Meeting	FTA, HART and PMOC	May 13, 2015
Monthly Progress Meeting	FTA, HART and PMOC	June 10, 2015
Monthly Progress Meeting	FTA, HART and PMOC	July 8, 2015
Quarterly Meeting	FTA, HART and PMOC	August 18, 2015
Monthly Progress Meeting	FTA, HART and PMOC	September 9, 2015
Monthly Progress Meeting	FTA, HART and PMOC	October 14, 2015

## 19.0 APPENDICES

### Appendix A: Acronym List

AHJV	▪ <del>Core Systems Contract</del> Joint Venture
AIS	▪ Archeological Inventory Survey
AIS	▪ Archeological Inventory Survey
BACM	▪ Buy America Compliance Matrix
CE&I	▪ <del>Core Systems Contract</del> Engineering and Inspection
CEL	▪ Certifiable Elements List
CIL	▪ Certifiable Items Lists
CPM	▪ Critical Path Method
CPP	▪ Contract Packaging Plan
CSC	▪ Core Systems Contract
DAGS	▪ Department of Accounting and General Services
DCCA	▪ Department of Commerce and Consumer Affairs
DB	▪ Design-Build
DBE	▪ Disadvantaged Business Enterprise
DBOM	▪ Design-Build-Operate-Maintain
DHHL	▪ Department of Hawaiian Homelands
DLNR	▪ Department of Land and Natural Resources
DOH	▪ Department of Health
DTS	▪ Department of Transportation Services
ED	▪ <del>Core Systems Contract</del>
EDD	▪ Executive Decision Document
FFGA	▪ Full Funding Grant Agreement
FTA	▪ Federal Transit Administration
FY	▪ Fiscal Year
GEC	▪ General Engineering Consultant
GET	▪ General Excise Tax
GSA	▪ General Services Administration
HART	▪ Honolulu Authority for Rapid Transportation
HCC	▪ Honolulu Community College
HCDA	▪ Hawaii Community Development Agreement
HDOT	▪ Hawaii Department of Transportation
HECO	▪ <del>Core Systems Contract</del> Hawaii Electric Company
IFB	▪ Invitation to Bid
JU&O	▪ Joint Use & Occupancy
KHG	▪ Kamehameha Highway Guideway
KKJV	▪ Kiewit/Kobayashi Joint Venture
LCC	▪ Leeward Community College
MAP-21	▪ Moving Ahead for Progress in the 21 <sup>st</sup> Century ACT
MMP	▪ Mitigation Monitoring Program
MOU	▪ Memorandum of Understanding
MPS	▪ Master Program Schedule
MSF	▪ Maintenance and Storage Facility
NCR	▪ Nonconformance Report
NTP	▪ Notice to Proceed
PA	▪ Programmatic Agreement
PHA	▪ Preliminary Hazard Analysis
PMOC	▪ Project Management Oversight Contractor
PMP	▪ Project Management Plan
PMSC	▪ Project Management Support Consultant
PSG	▪ Platform Screen Gates
QMP	▪ Quality Management Plan

RAC	▪ Risk Assessment Committee
RCMP	▪ Risk and Contingency Management Plan
RFB	▪ Request for Bid
RFP	▪ Request for Proposal
ROD	▪ Record of Decision
ROW	▪ <del>Right of Way</del> Contract
RSD	▪ Revenue Service Date
SOA	▪ State Oversight Agency
SSCP	▪ Safety and Security Certification Plan
SSMP	▪ Safety and Security Management Plan
SSOCP	▪ State Safety Oversight Certification Package
SSRC	▪ Safety and Security Review Committee
TIA	▪ Time Impact Analysis
TrAMS	▪ Transit Award Management System
TSO	▪ Transit Safety and Oversight
TVA	▪ Threat and Vulnerability Analysis
TVM	▪ Ticket Vending Machine
UCA	▪ Utilities Construction Agreement
UH	▪ University of Hawaii
UHWO	▪ University of Hawaii West Oahu
USDOT	▪ <del>United States Department</del> of Transportation
WOFH	▪ West Oahu/Farmington Highway
WSSG	▪ West Side Station Group

## Appendix B: Agenda

# QUARTERLY MEETING AGENDA APRIL 22, 2015

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10:30am – 2:30pm HST

*Appropriate sections of the HART Monthly Report are indicated in Italics*

- 1) **Introductions**
- 2) **Opening Remarks**
  - a. Leslie Rogers, FTA Region IX Administrator
  - b. Dan Grabauskas, HART Executive Director/CEO
- 3) **Project Overview & Update – Sam Carnaggio, Project Director**
  - a. General Project Status (*Monthly Report Section 1*)
  - b. Decision Matrix status
  - c. Project Organization Chart Update
    - i. Staffing
- 4) **Management Plans Status – Alex Cross, Director of Special Projects**
  - a. Project Management Plan status
  - b. Review of Plan Update Matrix
- 5) **HART Safety & Security Overview – Henry Miranda, Chief Safety & Security Officer**
  - a. Safety certification update
  - b. Accident/Injury Statistics – Update (*Section 6.1 of Monthly Report*)
  - c. System-wide Trends/Updates
  - d. Status of Safety and Security Management Deliverables
  - e. MOU's with HPD & HFD
  - f. HART Safety and Security Roadmap updates
  - g. Certifiable Elements and Items Lists
  - h. Threat & Vulnerability Assessments (TVAs)
  - i. Preliminary Hazard Analysis (PHA)
  - j. Design and Construction Conformance Checklists
  - k. Safety and Security Support Services Consultant
  - l. Testing and Start-up
- 6) **HDOT State Safety Oversight Program Update – Brandon Eshenour**
- 7) **Project Controls – David Sagherian, Project Controls Manager**
  - a. **Program Budget and Cost – Corey Ellis (*Monthly Report Appendix B*)**
    - i. FFGA Budget Vs Current Budget
    - ii. Cost Baseline vs Actual Cost (per SCC)
    - iii. Estimate at Completion (EAC)
    - iv. Allocation of Contingency (future trends)
    - v. Status of Change Orders, Claims, and Settlements (>\$100K)

- vi. Cost Containment Planning
  - b. **Program Schedule** (Baseline vs. Actuals) – David Sagherian (*Monthly Report section 3*)
    - i. Overall Project Activities
    - ii. Interim Opening
    - iii. System Operations/RSD
    - iv. Schedule Containment Planning
    - v. Contingency Baseline vs Forecast Contingency
  - c. **Program Risk Assessment** – Jay McRae
    - i. Risk Refresh Report Response
    - ii. Primary/Secondary Mitigation
    - iii. Risk Register and Contingency Management Plan
- 8) **Program Financial Plan Status – Diane Arakaki**
- a. Cash Flow Trends vs. Project Revenue
  - b. Status of Current GET Collections
  - c. Status of 5307
  - d. Update of GET Legislation
  - e. Status of Financial Plan update
- 9) **Procurement – Nicole Chapman, Director of Procurement & Contracts**
- a. Active Solicitation Update
  - b. Procurement Schedule Updates (*see Appendix D*)
- 10) **Buy America - Nicole Chapman, Director of Procurement & Contracts** (*Section 6.3*)
- 11) **Project Development – Liz Scanlon, Director of Planning & Right of Way**
- a. Right of Way Program Status
    - i. Status of Parcels (*Monthly Report Section 5.4*)
    - ii. Third Party Agreements (*Monthly Report Section 5.4*)
      - 1. University of Hawaii
      - 2. United States Navy
      - 3. Hawaii DOT
      - 4. Aloha Stadium
    - iii. West Oahu Parking Facility
  - b. NEPA Update - Environmental, Permitting, Planning (*Monthly Report Section 6.5*)
    - i. Post-ROD status
    - ii. Mitigation Monitoring
  - c. Grant Status – Kate Froemming
- 12) **Design & Construction Status – Lorenzo Garrido, Director of Design & Construction**
- a. **HECO Update** (Lorenzo Garrido, *Monthly Report Section XX*)
    - i. Requirements of Davis-Bacon
    - ii. Trial use of telescoping bucket truck
    - iii. Additional impact of Substation near West Loch
    - iv. Impact for activation of Traction Power Substations

- b. **Current Design/Interface Activities Summary**- In-Tae Lee, Deputy Director Design (*Section 4.2B WOSG, 4.2C FHSG, 4.3B KHSG, 4.4A Airport Guideway, 4.4D ASG, 4.5A City Center Section Guideway and Utilities, 4.5B DKSG*)
  - c. **Current Construction Activities Summary**- Tom LeBeau, Deputy Director Construction (*Section 4.2A WOFH, 4.2D MSF, 4.3A KHG, 4.4B Airport Utilities, 4.4C Airport 7 Pier*)
  - d. **Current Core Systems Activities Summary**- Justin Garrod, Deputy Director Core Systems (*Section 4.1A* )
- 13) **Quality Assurance/Quality Control – Alberto Bonifacio, Director QA/QC** (*Section 6.2*)
- a. Any significant issues
- 14) **Other Items**
- a. DBE/EEO Program – Charles Bayne
  - b. Fare Collection/Fare Policy – Alex Cross
- 15) **Triennial Review Final Report**
- 16) **FTA/PMOC Observations**
- 17) **Action Items Review – Attachment A**
- 18) **Upcoming Meetings – Attachment B**
- a. PMOC Monthly Progress – Wednesday, May 13, 2015 @ 8:00 AM
  - b. Next Quarterly – Wednesday July 30, 2015 – Honolulu, HI (tentative)

## Appendix C: Attendance List

<b>Name</b>	<b>Agency/Company</b>
Leslie Rogers	FTA
Bernardo Bustamante	FTA
Ted Matley	FTA
Catherine Luu	FTA
Ray Sukys	FTA
Mayela Sosa	FHWA
Ralph Rizzo	FHWA
Brandon Eshenour	HDOT
Brennon Morioka	HART
Sam Carnaggio	HART
Elizabeth Scanlon	HART
Nicole Chapman	HART
Charles Bayne	HART
Corey Ellis	HART
Mike Boomsma	PMSC
Morris Atta	HART
Alex Cross	HART
Mike McGrane	HART
Jill Odo	HART
Bruce Sakihama	HART
Brian Kelleher	PMSC
Corey Ellis	HART
Jon Nouchi	HART
Lorenzo Garrido	PMSC
Justin Garrod	PMSC
Jeff Siehien	PMSC
David Sagherian	PMSC
Duane Sayers	PMSC
Henry Miranda	PMSC
Alberto Bonifacio	PMSC
Tom Lebeau	PMSC
Jay McRae	GEC III
Jeff Mack	GEC III
Tim Mantych	PMOC
Bill Tsiforas	PMOC
Alvin Nakamura	PMOC
Tim Morris*	PMOC
Charles Neathery*	PMOC
Keith Konradi*	PMOC
Arun Virginkar*	PMOC
Dorothy Shulz*	PMOC
Richard Doyle*	IC

\*Participated via teleconference.