

PMOC Monthly Briefing

June 2, 2010



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Agenda Item 1
Previous Action Items
Agenda Attachment A

Tim Mantych



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

FTA Roadmap Update

Harvey Berliner



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Agenda Item 2

WOFH Contract Update

Lorenzo Garrido



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

WOFH Contract Update

Status

- **NTP #1C (Method and Test Shafts) – Pending**
- **Geotechnical Investigations commenced on May 26**



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

WOFH Contract Update

Status

- **Design Submittals:**
 - **Definitive Design: Plan and Profile; Superstructure; Utility Relocation; MOT; and Roadway Lighting**
 - **Interim Design: Submittals being developed**
- **City/GEC staff moved to KPC Hub Office on May 24**



WOFH Contract Update

- **Schedule**

- Contractor to submit NTP delay schedule June 18
- Meetings with Contractor on NTP delay mitigation will be scheduled

- **Cost**

- Total Encumbrance: \$520,846,930
- KPC Contract Amount: \$482,924,000
- Approved Change Orders: \$0
- Progress Requests: \$21,759,708



WOFH Contract Update

Contract Changes

- **Contractor Change Notices**
 - Insurance coverage in absence of OCIP
 - Delay due to NTPs beyond March 1st
 - Delay to geotechnical borings due to NPDES permit
 - Delay due to lack of HDOT reviews
- **City Requests for Contract Change**
 - Insurance requirements in lieu of OCIP
 - NTP Delay
 - Adoption of CADD Standards
 - Revised language for material price escalation



WOFH Contract Update

Contract Changes (continued)

- **Potential Contract Changes**
 - **Waipahu High School Improvements**
 - **Conformed Document Reconciliation (Plans & SPs)**
 - **Adopt Controlled Directive Drawings**
 - **Adopt Controlled Design Criteria**
 - **Adopt Controlled Standard Specifications**
 - **Method Shaft Variance**
 - **LCC Station Revisions**
 - **HDOT Master Agreement**
 - **Programmatic Agreement**
 - **HECO Contract Work**
 - **Floodplain mitigation in Waipahu and Waiawa areas**



WOFH Contract Update

- **Contractor Submittals**
 - **41 Submittals Received**
 - City accepted – 15
 - Contractor addressing City comments – 13
 - Contractor submittals under City review – 13
- **Requests for Information (RFI)**
 - 72 RFIs received
 - 6 open



Agenda Item 3

Procurement Update

Wes Mott



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Procurements Update

- **General Engineering Consultant (II) – no change**
- **Kamehameha Highway Guideway DB**
 - Submitted RFP Part 2 technical addendum to Priority-Listed Offerors
 - Processing Alternate Technical Concepts submitted for Priority-Listed Offerors
 - Responding to requests for clarifications
 - Technical and price proposals are due mid-July 2010



Procurements Update

(Continued)

- **Maintenance and Storage Facility**
 - Technical and price proposals under evaluation
 - Expect to announce selection in June 2010
- **Vehicles/Core Systems DBOM**
 - Technical and price proposals due June 7, 2010
 - Assignments for technical support staff have been made
 - Expect to announce selection in July 2010



Procurements Update

- **Farrington Station Group**
 - Scope/price negotiations are underway with top ranked firm, expecting to finalize in July 2010
- **West Oahu Station Group**
 - Evaluation of proposals is in process
- **Pearl Highlands Station and Transit Terminal**
 - To better match anticipated cost with system needs alternate packaging is being evaluated that could separate H2 Ramp, station and transit terminal. Different contract delivery options are also under consideration.



Agenda Item 4a

Technical Capacity

Paul Romaine



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Staffing Update

On Track to Hire:

- Right of Way Manager – July/Aug start date
- Utilities Engineer – July/Aug start date
- Secretary – Public Information - July start date
- Planner VI – Financial and Grants Management
- July/Aug start date



New InfraConsult Positions

Starting in June

- Configuration Manager – Karen Gast
 - Construction experience at BART and LACMTA
- Senior Scheduler – Anthony Hammond
 - Lead Scheduler on multiple USACOE projects
- Systems Engineer—Mike Bogonovich
 - Houston Metro and Dulles Corridor vehicle and systems experience

Offer Extended to Senior Cost Controls Analyst



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Other City Departments Continuing to Provide Direct Project Support

- **Department of Information Technology**
- **Department of Budget & Fiscal Services**
- **Department of Design & Construction**
- **Corporation Counsel**



Other Staffing Related Issues

- **FY 2011 Budget near final approval by City Council - Includes 31 additional RTD positions. Final Reading - June 9, 2010.**
- **The Rapid Transit Division has acquired an additional 1,532 square feet of office space to accommodate continued growth.**



Agenda Item 4b
Status of Management Deliverables
Attachment B
Simon Zweighaft



Management Deliverables

Agenda Attachment B

Management Deliverable	Revision No.	Latest Revision Date	Next Revision Date	Notes
Project Management Plan (PMP)	3		TBD	Review comments provided
Quality Management Plan (QMP)	1	May-09	May-10	Revisions are being incorporated. One additional internal review is scheduled before release
Real Estate Acquisition Management Plan (RAMP)	3		May-10	Working draft of Rev. 4 has been provided to PMOC for review. Rev 4 will be issued once more accurate target for ROD is identified
Bus Fleet Management Plan (BFMP)	0		Jun-10	Update will be needed for FD approval; update will address incremental openings
Rail Fleet Management Plan (RFMP)	0	Apr-09	TBD	Update will be prepared by Core Systems Contractor
Safety and Security Management Plan (SSMP)	2		TBD	Review comments provided
Safety and Security Certification Plan (SSCP)	0	Feb-10	TBD	Review comments provided
System Safety Program Plan	-	-	TBD	Will be prepared by Core Systems Contractor
System Security & Emergency Preparedness Plan	-	-	TBD	Will be prepared by Core Systems Contractor
Configuration Management Plan (CMP)	0		TBD	Under review by PMOC



Agenda Item 4c Environmental Update

Faith Miyamoto



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Environmental Status

- **A/FEIS Review by Cooperating Agencies Completed**
- **Agreement by SHPD on Resource Eligibility Completed**
- **Programmatic Agreement Signatures Still Pending**
- **Responding to FTA comments on A/FEIS and Response Letters**



WOFH Environmental Status

- **Kiewit Environmental Compliance Plan Rev. C Under Review**
- **Environmental Training for Other Disciplines**
 - Initial Training Complete
 - Will continue as required
- **Preconstruction: Potholing and Borings**
 - On-call Archaeological Monitoring
 - Surveys Completed on Both Invasive Species and Endangered Species



Current Schedule to ROD

Activity	Completion Date	Activity	Completion Date
Pre-decisional Final EIS to FTA and Cooperating Agencies	complete	Signature on Final EIS cover page	June 8, 2010
Section 106 Ualena Determination of Eligibility letter to SHPD for expedited review (due May 13)	complete	Reproduce Final EIS	June 9 - June 11
Receipt of conditional ALP approval from FAA	complete	Distribute Final EIS	June 14 - 16, 2010
Cooperating Agency EIS comments to FTA & City	complete	Submit Final EIS to OEQC	June 10, 2010
FTA EIS review and legal sufficiency comments to the City	May 21, 2010	NOA submitted to EPA	June 18, 2010
Final EIS comment coordination calls with City and FTA	May 21- June 2, 2010	NOA in Federal Register	June 25, 2010
FTA requests signatory parties to sign Section 106 programmatic agreement	May 25, 2010	Draft ROD to FTA (excluding comments)	June 25, 2010
Completion of Final EIS to address comments	May 25, 2010	OEQC recommendation to the governor	June 26, 2010
Receipt of signed PA	June 4, 2010	End of 30-day Final EIS review period	July 30, 2010
Complete review of Final EIS changes with FTA	June 4, 2010	Address substantive new comments in ROD	July 30 – Aug 19, 2010
FTA Final legal sufficiency review	June 7, 2010	Conclusion of State Chapter 343 Process	July 26, 2010
		FTA review ROD	August 10, 2010
		Address FTA comments on ROD	August 17, 2010
		FTA issue ROD in FR	August 20, 2010



Agenda Item 4d Design Activities

Harvey Berliner



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

GUIDEWAY & UTILITIES DESIGN ACTIVITIES

- **Kamehameha Highway**
 - Technical Addendum issued May 14
 - Reviewing and preparing responses:
 - ATCs: 13
 - RFIs: 40
- **Airport & City Center**
 - Continue PE for airport mitigation
 - Dillingham Boulevard HECO Relocation Alternatives



STATIONS DESIGN ACTIVITIES

- **Community workshops continue – Third Pearl Highlands meeting held on May 13**
- **Continued design effort for elevator and escalator procurement**
- **Value Engineering draft report review**



Systems Activities

Jurgen Sumann



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Core Systems

- **The Core Systems will be a DBOM contract including:**
 - **Manufacture of Rail Vehicles**
 - **Supply and Installation of Traction Power, Signals, Communications, SCADA, Central Control and Fare Collection Equipment**
 - **Interface Coordination with all other Contracts**
 - **Interim Operations as segments are completed**
 - **Operations for an initial 5-year period following system completion in 2019, plus an additional 5-year option**



CORE SYSTEMS

(continued)

- **The anticipated value for manufacturing and installation the Core Systems contract is above \$600,000,000**
- **The annual operating cost for the full rail system is estimated about \$77,000,000 in 2009 dollars**



CORE SYSTEMS

(continued)

- **Based on Qualifications Submittals, multiple teams were selected for the Priority Offerors List**
- **Discussions and correspondence during the RFP Period indicates that the City will receive multiple offers.**
- **Proposals are Due on June 7, 2010**



CORE SYSTEMS

- A large team of technical evaluators has been identified. These team members will evaluate the proposals based on their individual expertise
- A selection committee will receive the technical evaluations and score proposals based on best value to the City
- The Selection Committee will either make a specific recommendation or will call for discussions and possibly a BAFO in July



Agenda Items 5 and 6

Schedule and Budget Update

Mark Hickson



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Schedule Update

- **As of 4-30-10 (April 2010 data date) the project continues to be adversely affected by the successful completion of the ROD Milestone. Its impact has caused all major milestones to slip.**
- **This includes our current West Oahu/Farrington DB contracts NTP's and those contracts currently in the procurement process.**
- **At this time it is anticipated that contract awards will not take place without the ROD in place. ROW procurement is also adversely impacted.**



Schedule Update

- Resolving the LONP issue is also critical for the start of the design/build contracts. Once ROD is resolved and removed from the critical path, LONP's will be driving the project.
- These impacts will necessitate a complete re-scheduling of the project. It is anticipated to take place within the next month.



Major Project Milestones

Major Project Milestones	Early Date	Total float (7 day calendar)
Record Of Decision (ROD)	8/6/2010	-238
Entry into Final Design	12/23/2010	-171
FFGA	1/24/2012	-171
Open Waipahu to Leeward	6/26/2013	-242
MSF Complete	10/31/2014	-173
Open East Kapolei to Leeward	3/2/2015	-255
Open Leeward to Pearl Highlands	11/27/2015	-176
Open Kamehameha Section	10/1/2016	64
Open Airport Section	3/10/2018	-193
Open City Center Section	7/11/2019	-192
Open to Ala Moana Center	9/12/2019	-192



6. Budget Update



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Active Contracts

PMSC1	\$ 11,786,062
PMSC2	\$ 36,700,000
GEC1	\$115,900,000
Utility - The Gas Company	\$ 45,000
Utility - Chevron Products	\$ 45,000
Utility - AT&T	\$ 60,000
Utility - Pacific LightNet	\$ 40,000
Utility - Oceanic Time Warner	\$ 40,000
Utility - Hawaiian Telecom	\$ 50,000
Utility - TW Telecom	\$ 50,000
PUC Attorney	\$ 50,000
Kiewit Pacific	\$482,924,000
Nossaman LLP	\$ 700,000
Yamamoto & Settle	\$ 50,000
Kobayashi Sugita & Goda	\$ 50,000
McCorrison Miller Mukai MacKinnon	\$ 50,000
Geolabs	\$ 1,218,500
Total	\$649,758,562



Funding Sources

	FY 2007	FY 2008	FY 2009	FY 2010 @ 4/30/10	Total
GET County Surcharge	\$48,424,383	\$169,113,552	\$160,855,727	\$120,940,526	\$499,334,188
Investment Revenue	\$ 18,098	\$ 3,724,229	\$ 3,595,915	\$ 182,451	\$ 7,520,693
Other	\$ -	\$ -	\$ 29,748	\$ 1,038	\$ 30,786
TOTAL	\$48,442,481	\$172,837,781	\$164,481,390	\$121,124,015	\$506,885,667

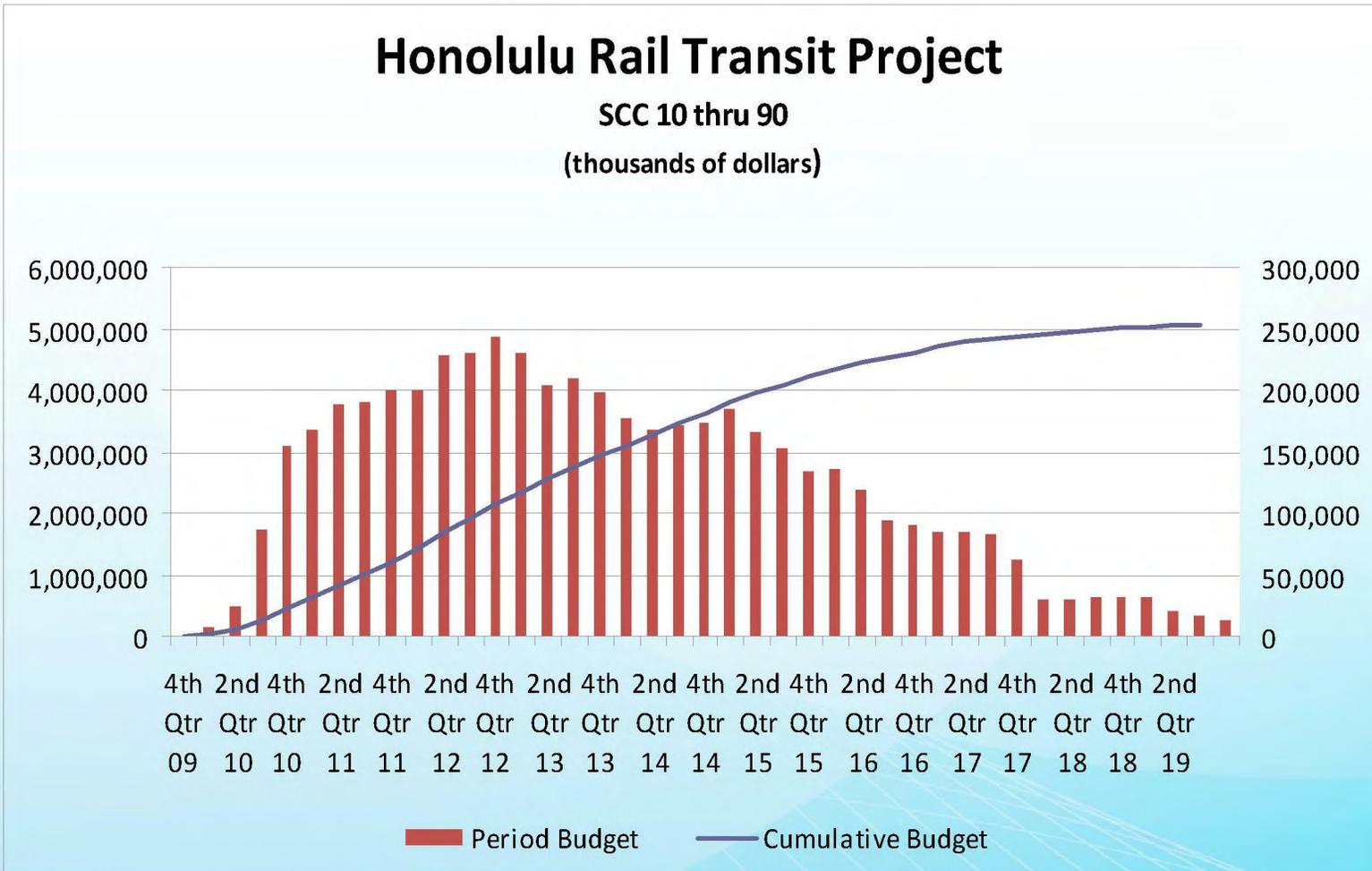
- The Financial Plan for entry into Preliminary Engineering (August 2009) projected GET Surcharge revenues of \$501.5 million for FY2009. The \$2.2 million difference between the \$499.3 million actual revenues and the projected \$501.5 million is -0.43%.



Project Budget

Honolulu Rail Transit Project

SCC 10 thru 90
(thousands of dollars)



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Project Budget & Expenditures by SCC Code (YOES\$)

SCC Description	Baseline Budget	Allocated Contingency	Allocated Budget	Incurred to Date	Remaining Budget
10 GUIDEWAY & TRACK ELEMENTS	\$ 1,190,647	\$ 271,280	\$ 1,461,927	\$ -	\$ 1,461,927
20 STATIONS, STOPS, TERMINALS	311,322	77,830	389,152	-	389,152
30 SUPPORT FAC: MSF, ADM. BLDGS	110,799	27,700	138,499	-	138,499
40 SITEWORK & SPECIAL CONDITIONS	881,135	275,201	1,156,335	19,860	1,136,475
50 SYSTEMS	235,999	59,000	294,999	-	294,999
60 ROW, LAND, EXIST. IMPROVEMENTS	89,652	44,826	134,478	2,881	131,597
70 VEHICLES	321,633	77,192	398,825	-	398,825
80 PROFESSIONAL SERVICES	647,529	150,000	797,530	16,221	781,308
90 90 UNALLOCATED CONTINGENCY	-	-	285,643	-	285,643
100 Finance Charges	244,434	45,860	290,294	-	290,294
Total Project Cost (10 - 100)	\$ 4,033,150	\$ 1,028,889	\$ 5,347,681	\$ 38,962	\$ 5,308,719



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Cost Estimating

Jim Van Epps



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Bottom-up Cost Estimate

- **Construction, procurement and ROW costs complete**
- **Soft costs under review in light of TCRP report just released**
- **Contingency allocations under evaluation**
- **Overall QC in progress**



Grant Status

Phyllis Kurio



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

GRANT APPLICATION

- **Draft application HI-03-0047 requests \$34.99 million New Starts funds (FYs 2008 & 2009 Earmarks) for PE.**
- **City Council approval by Resolution required prior to application submittal to FTA.**
 - **Council Committee on Budget takes action on Resolution on May 26, 2010**
 - **Approval of Resolution by City Council on June 9, 2010**
- **FTA Region 9 provided review comments to draft application in TEAM.**



Agenda Item 7

Quality Management

Albert Bonifacio
Quality Manager



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Quality Management

- **RTD Quality Management Plan & Internal Implementing Procedures**
- **WOFH Guideway**
 - Overall QMP has been approved
 - Design QMP has been approved and is in use
 - Construction QMP is under development
- **MSF—Offerors' Quality Plans under review**
- **Kamehameha Guideway--RFP Reviewed**
- **Core System--RFP Reviewed**



Agenda Item 9

Right of Way Status

Jerry Iwata
RTD Manager of Real Estate



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Status

- Refresh of the completed appraisals will be completed by July 2010.
- Securing consents to enter to pre-design work for WOFH as well as Kamehameha properties



Status-cont'd

- **Continuing to meet with private property owners impacted by the airport runway protection zone avoidance**
- **Submitted working draft of revised the RAMP and relocation plan for FTA review.**



Agenda Item 10
Agreements—Utility and Third Party

Harvey Berliner
Laura Ray



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

UTILITY AGREEMENTS

- **WOFH**

- Engineering Services – 5 complete, 2 waiting for additional information from Utility, 1 being processed by City and 1 (HECO) not to be executed
- Construction Cost – All 5 estimates received from Utility and verified; agreements should be issued to each Utility shortly
- Scope—Working with HECO and Kiewit on change of work scope from Utility to Contractor

- **KHG**

- Engineering Services – assembling cost data from utilities (3 received to date)



AGENCY AGREEMENTS

- **HDOT** – Waiting for a meeting with State AG to discuss legal language; consultant selection process ongoing
- **DOE / Waipahu HS** – Reviewing revised agreement submitted by DOE
- **UH** – Agreement is being revised by COR and will be resubmitted to the University
- **DHHL** – Draft license agreement for Ewa Drum site submitted for their review
- **Navy** – Processing easement request



Agenda Item 11
Status of PE Approval Letter
Requirements
Agenda Attachment C

Tim Mantych



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Agenda Item 12

New Action Items

Tim Mantych



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Agenda Item 13
Look Ahead Schedule
Agenda Attachment D

Tim Mantych



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT