

PMO Monthly Meeting

April 7, 2009



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Agenda

1. Previous Action Items
2. Contracts Update
3. Procurement Update
4. Preliminary Engineering Phase Update
5. Schedule Update
6. Budget Update
7. Other Items
8. Status of PE Approval Letter Requirements
9. New Action Items
10. Look Ahead Schedule



1. Previous Action Items

Item No.	Item	Responsible Party	Date Identified	Date Due	Date Completed	Status
1	Schedule real estate workshop	PMOC	4-Nov-09	TBD		Open
2	Provide FTA with “making the case” approach letter for LONP	City	4-Nov-09	Apr-10		City will provide after they complete the bottoms up estimate and financial plan
3	Provide FTA with OCIP Bid Protest notification [Update: Procurement terminated and will be re-solicited; letter will be sent to FTA Regional Counsel]	City	4-Nov-09		Jan-10	Closed
4	FTA prepare memo to Corporation Council on confidentiality	FTA	16-Dec-09	Jan-10		
5	Schedule Roadmap meeting for Entry into FD	FTA/PMOC	16-Dec-09	Jan-10		Pending direction from FTA
6	Provide signed MOA with DHL for Navy Drum Site	City	Jan-10	Feb-10		Not signed yet
7	Provide Section 106 Programmatic Agreement comments	City	Jan-10	Feb-10		Still in legal review at FTA
8	Provide sample Force Account and Claims Avoidance Plans	PMOC	Jan-10	Feb-10		
9	Provide draft Operating Plan	City	Jan-10	Mar-10		Closed
10	VE requirement for Design Build contracts	PMOC	Jan-10	Feb-10	26-Jan-10	Closed
11	High level review of RAMP Rev 3	PMOC	Jan-10	Feb-10	25-Jan-10	Closed
12	Populate Final Design Roadmap	City	Jan-10	Feb-10		Ongoing
13	Check on status of FTA SSOA Letter	PMOC	Jan-10	Feb-10		Letter is pending
14	Provide PMOC with PMSC Contract	City	Feb-10	Feb-10	17-Feb-10	Closed
15	Provide PMOC with copy of drawing indicating impact of guideway on parcel located at 1156-1164 Waimanu Street	City	11-Feb-10	Feb-10		



2. Contract Update



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

WOFH Contract Update

- **NTP #1 Covered Initial Mobilization, Design Planning, Permit Planning**
- **NTP #1A Added Soils Testing (March 11)**
- **NTP #1B Added Definitive and Interim Design (March 23)**
- **Specifically Excluded are Final Design and Construction Activities**
- **Remaining NTP #2 Activities Include Test and Demonstration Shafts**



WOFH Contract Update

Primavera Contract Management

- Specified software will be used by Kiewit, PB & RTD to track RFIs, RFCs, submittals and correspondence
- Software is being hosted by RTD and required use specified for all future designers and contractors

HECO

- Requested Kiewit perform their rearrangements
- Scoping discussions for this work are underway



Kiewit Task Force Groups

Task Force Groups continue to meet regularly

- Geotechnical
- Electrical/ITS
- Traffic and MOT
- Utility Relocation
- Roadway and Civil
- Quality and Safety
- ROW and Permits
- Guideway
- Rail
- Sustainability/CSS/
Aesthetics
- Environmental
- Public Involvement



Current Kiewit Activity

As of 31 March

Contract Submittals—Total 24

- Closed and accepted—8
- RTD comments returned to KPC for updating—8
- KPC updated submittal under RTD review—6
- RTD in review of original KPC submittal—2

Formal Requests for Information (RFIs)

- 54 RFIs received—5 open



Current Change Notices

(No Changes Authorized to date)

Request for Change (RFC)

- **RFCs identified by KPC—3**
 1. **Insurance requirements due to OCIP delay**
 2. **Delay due to NTPs subsequent to March 17**
 3. **Material Escalation Changes**

Potential Change Notice (PCN)

- **PCNs identified by KPC—11 under evaluation by RTD**
- **PCNs identified by RTD—11 under evaluation by KPC**



Potential Change Log



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

3. Procurement Update



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Procurement Update

- **General Engineering Consultant II**
- **Kamehameha Highway Guideway DB Contract**
- **Maintenance and Storage Facility DB Contract**
- **Vehicle/Core Systems DBOM Contract**
- **Station Design Packages**



4. Preliminary Engineering Phase Updates

- **Staffing**
- **Management Deliverables**
- **Design Activities**



Staffing Update

The Project has hired four new City employees.

- 1. Structural Engineer, In-Tae Lee, April 1**
- 2. Civil Engineer – Maintenance & Storage Facility, Akira Fujita, April 16**
- 3. Administrative Specialist, Mai Tram Do, April 1**
- 4. Secretary - Project Controls and Admin Branch, Rosie Colobong, April 16**



Positions In Active Recruitment

- **Senior Scheduler**
- **Vehicle Systems Engineer**
- **Configuration Manager**
- **Right-of-Way Specialist**



Status of Management Deliverables

Management Deliverable	Revision No.	Latest Revision Date	Next Revision Date	Notes
Project Management Plan (PMP)	3	16-Feb-10	TBD	Under review by the PMOC; another update will be required for FD request
Quality Management Plan (QMP)	1	May-09	Apr-10	The update is to address QA/QC procedures to be implemented by the GEC II, as well as DB and DBB
Real Estate Acquisition Management Plan (RAMP)	3	15-Oct-09	TBD	Rev. 4 will be issued once more accurate target for ROD is identified
Bus Fleet Management Plan (BFMP)	0	21-Apr-08	Apr-10	Update will be needed for FD approval
Rail Fleet Management Plan (RFMP)	0	Apr-09	TBD	Update will be prepared by Core Systems Contractor
Safety and Security Management Plan (SSMP)	1	24-Aug-09	Mar-10	
Safety and Security Certification Plan (SSCP)	0	-	Feb-10	Under review by PMOC
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

SSMP Rev. 2.0 (draft) posted on PMO site on April 5.

QMP Rev.A In circulation 4/1/10. To be posted on PMO site in April.



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Status of Design Activities

Preliminary Engineering Update

- **Airport & City Center PE drawings complete and reviewed**
- **Quantity take-offs for all packages complete**
- **PE estimate scheduled for April**
- **Stations**
 - **Preliminary Engineering drawings for all station groups are complete**
 - **Farrington Station Group documents assembled to enable selected designer preparation of scope and price proposal**



Status of Design Activities

Preliminary Engineering Update

- **Stations (continued)**
 - Public informational presentations have been re-started with the Pearl Highlands Station.
 - **First Meeting 2/4/10**
 - **Second Meeting 3/31/10**
- **Value Engineering Study for Stations**
 - VE Team external participants selected
 - Workshop schedule for April 19-23



Station VE Study

External Participants

- **Robert Stewart—Facilitator**
- **Stan Gdowski—Architect**
- **Kevin Peterson—Architect**
- **Bill Peters—Facilities Maintenance**
- **Shamoun Mahgerefteh—Estimator**
- **Ed Stockbine—Estimator**
- **Art Johnson—Structural Engineer**
- **Paul Silvestri—Constructability Reviewer**
- **Tim Morris and Keith Konradi—PMO Observers**



Preliminary Engineering Update

Miscellaneous Activities

- **Construction, engineering & project controls procedures for all construction and engineering contracts being finalized**
- **Continuing dialog with FAA, FTA and HDOT on the alignment issues in the vicinity of the airport**
- **Will Willson has spent a week reviewing the project in preparation for RTD risk assessments of early contracts**



5. Schedule Update



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Schedule Update

- **The project continues to be adversely affected by completion delay in the ROD Milestone.**
- **West Oahu/Farrington DB contract NTP's are also impacted**
- **Once ROD date is resolved, LONPs will be the next FTA approval driving the project schedule**
- **A comprehensive rescheduling of the Project Schedule is anticipated as soon as the ROD date can be identified.**



Roadmap to ROD

<u>Milestone</u>	<u>Estimated Duration</u>	<u>Expected Date</u>
PA signed, RPZ issue resolved	1 day	Apr 12
RTD finalizes FEIS	1 week	Apr 16
FTA reviews FEIS; legal review	2 weeks	May 3
RTD finalizes FEIS	1 week	May 7
RTD prints & distributes	2 days	May 10
Send to FTA & Governor	1 day	May 11
NOA (Notice of Availability)	1 day (Fri only)	May 14
Federal Period & Governor review	4 weeks	Jun 11 (holiday)
Reconciliation	2 weeks	Jun 25
ROD Issued	1 day (Fri only)	Jun 25 or Jul 2



Major Project Milestones

<u>Milestone</u>	<u>Current Date</u>	<u>Total Float</u>
• Entry into Final Design	12-23-10	-103
• FFGA	01-24-12	-103
• Open Waipahu to Leeward CC	06-26-13	-184
• MSF Complete	10-31-14	-202
• Open East Kapolei to Leeward CC	03-02-15	-214
• Open Leeward CC to Pearl Highlands	11-27-15	-135
• Open Kamehameha Section	10-01-16	+122
• Open Airport Section	03-10-18	-130
• Open City Center Section	07-11-19	-129



6. Budget Update



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Budget Update GET Revenue

GET Revenues (YOE \$millions)

Earned period	Fiscal Year of Receipt	Surcharge Revenues		August 2009 Financial Plan
		Quarterly	Cumulative	
Q1 CY 2007	FY 2007	12.8	12.8	12.8
Q2 CY 2007	FY 2008	35.6	48.4	173.6
Q3 CY 2007		44.6	93.0	
Q4 CY 2007		40.6	133.7	
Q1 CY 2008		40.0	173.6	
Q2 CY 2008	FY 2009	43.9	217.5	337.6
Q3 CY 2008		42.4	259.9	
Q4 CY 2008		37.9	297.8	
Q1 CY 2009		39.5	337.3	
Q2 CY 2009	FY 2010	41.1	378.4	501.5
Q3 CY 2009		43.1	421.5	
Q4 CY 2009		37.5	459.0	
Q1 CY 2010				

Note:

Each quarter's surcharge revenues is received by the City from the State around the last day of the month following the last month of the quarter. For example, the Q1 2008 surcharge revenues were received by the City from the State on April 30, 2008.

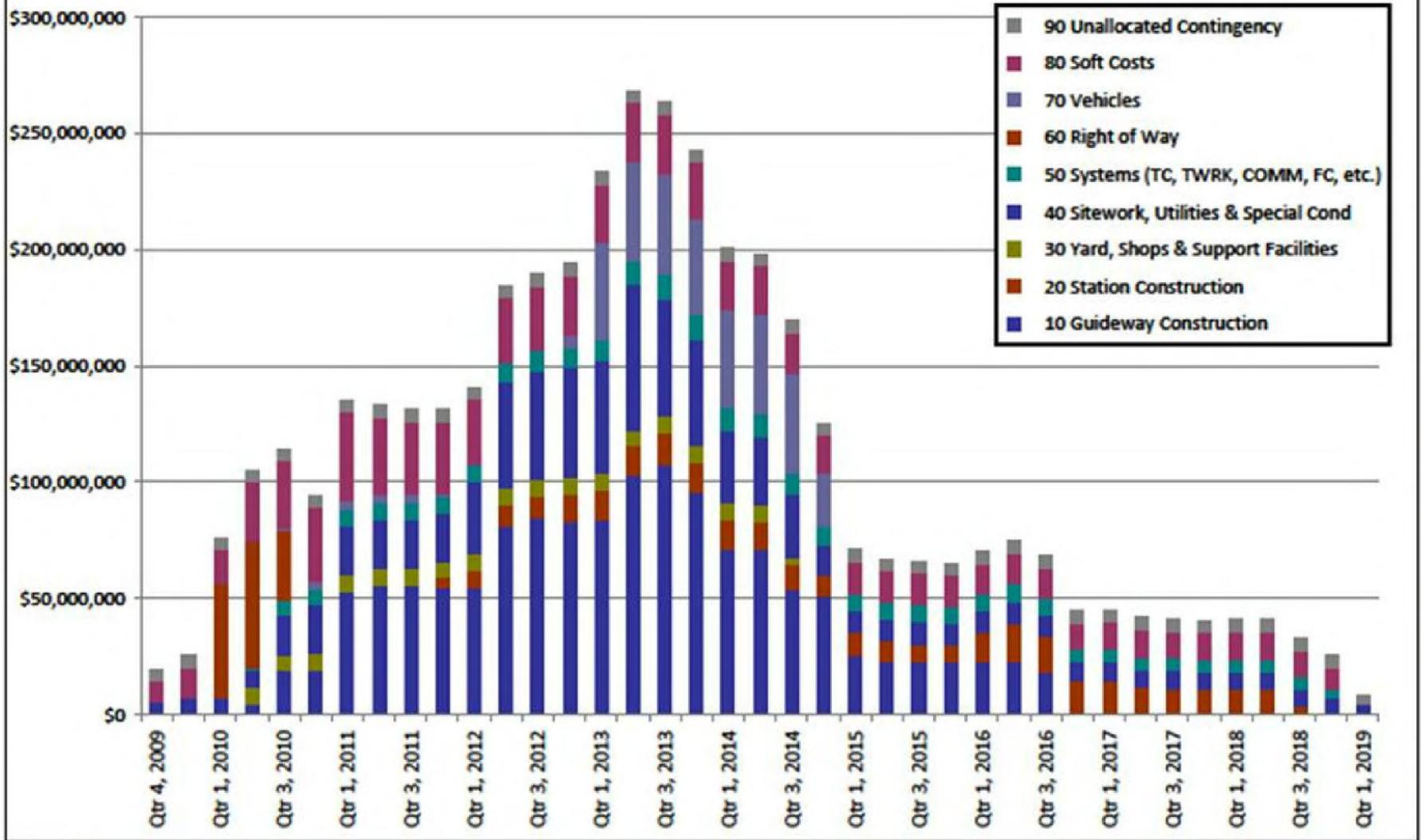


Project Budget by SCC Code (YOE\$)

10 Guideway Construction	\$ 1,677,816,643
20 Station Construction	\$ 389,151,909
30 Yard, Shops & Support Facilities	\$ 138,499,284
40 Sitework, Utilities, Special Conditions	\$ 895,469,719
50 Systems (TC, TWRK, COMM, FC, etc.)	\$ 311,215,017
60 Right of Way	\$ 128,634,957
70 Vehicles	\$ 398,825,063
80 Professional Services	\$ 933,588,836
90 Unallocated Contingency	\$ 184,185,900
Total	\$ 5,057,387,328



Project Life Cycle Costs by SCC



2009 4th Q Unescalated Dollars

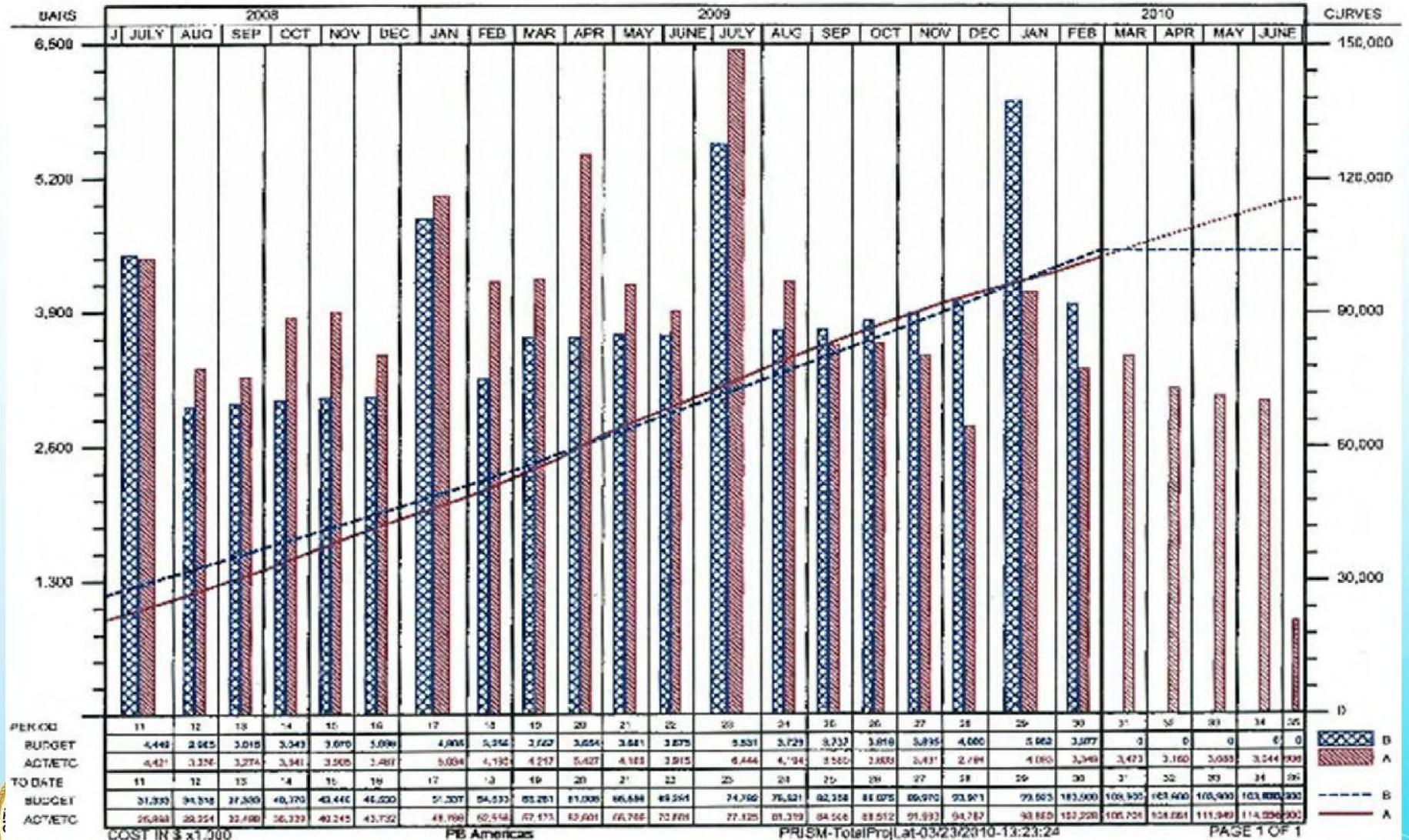
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Active Contracts

PMSC1	\$	11,786,062
PMSC2	\$	36,700,000
GEC1	\$	103,900,000
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
Geolabs	\$	1,218,500
Total	\$	636,908,562



GEC1 Expenditures



7. Other Items



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

FTA Roadmap



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

NEPA Status

- **Publication of Final Environmental Impact Statement (Final EIS) is pending resolution of several key issues including:**
 - Signatures on the Section 106 Programmatic Agreement
 - Final FTA concurrence in *de minimis impact* conclusion for Ke'ehi Lagoon Park
 - FAA comments concerning impacts at the Honolulu International Airport Runway Protection Zone
 - QC reviews the of the Final EIS in preparation for the legal sufficiency review by FTA.
- **Coordinating with WOFH Environmental Taskforce concerning:**
 - Review of Kiewit's Environmental Compliance Plan
 - Development of an Environmental Database to track environmental commitments



Real Estate Acquisition

Appraisals

- Initial appraisals and reviews for all full and partial private takes for WOFH section are completed
 - 7 appraisals over \$500,000 submitted for FTA concurrence
 - 5 appraisals under \$500,000 completed

Acquisitions

- One hardship acquisition is in process with closing scheduled for April



Real Estate Acquisition

Other Activities:

- Continuing to secure Consent-to-Enter agreements in support of pre-design efforts
- Determining appraisal schedule for Kamehameha Guideway parcels
- New Real Estate Tracking Database that replaced Excel spreadsheet is operational



Real Estate Acquisition

FULL ACQUISITION					
	All Sections	Section 1	Section 2	Section 3	Section 4
Impacts	40	14	5	6	15
Parcels Needed	40	14	5	6	15
Appraisals in Process	0	0	0	0	0
Appraisals Complete	15	14	0	0	1
Offers	1	0	0	0	1
Acceptance	1	0	0	0	1
Relocation Complete	0	0	0	0	0
Ready for Construction	0	0	0	0	0



Real Estate Acquisition

PARTIAL ACQUISITIONS					
	All Sections	Section 1	Section 2	Section 3	Section 4
Impacts	160	17	21	34	88
Parcels Needed	143	16	7	32	88
Appraisals in Process	0	0	0	0	0
Appraisals Complete	2	2	0	0	0
Offers	0	0	0	0	0
Acceptance	0	0	0	0	0
Relocation Complete	0	0	0	0	0
Ready for Construction	0	0	0	0	0



Real Estate Acquisition

EASEMENTS

	All Sections	Section 1	Section 2	Section 3	Section 4
Impacts	12	6	0	1	5
Parcels Needed	12	6	0	1	5
Appraisals in Process	0	0	0	0	0
Appraisals Complete	0	0	0	0	0
Offers	0	0	0	0	0
Acceptance	0	0	0	0	0
Relocation Complete	0	0	0	0	0
Ready for Construction	0	0	0	0	0

TOTAL Parcel Impacts	TOTAL Parcels Needed	TOTAL Appraisals in Process	TOTAL Appraisals Complete	TOTAL Offers	TOTAL Acceptance	TOTAL Relocations Complete	TOTAL Ready for Construction
212	195	0	17	1	1	0	0



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Third Party Agreements

Utilities

- WOFH Construction Agreements to utility companies for review by mid-April
- KHG Engineering Services Agreements are being prepared

Agencies

- HDOT—awaiting a meeting with State DAG to discuss legal language
- DOE/Waipahu HS—2nd draft in review
- UH—draft in review at UH
- Navy—processing easement request



Safety and Security Management

- **SSMP Rev. 2.0 (draft) uploaded to PMO site April 5**
- **Document Reviews**
 - **Kiewit Site-Specific Health and Safety Plan**
 - **Kiewit Emergency Response Plan**
 - **Geotech Investigations Health and Safety Plan**
 - **Safety and Security Design Criteria by GEC**
- **Safety & Security Certification Plan Rev 0 released**
- **Working with HDOT on SSO Next Steps**
- **Discussing HPD Assignment for Liaison**



Quality Program Management

- **Internal review progressing on Draft RTD QMP (Rev A)**
- **Final Drafts (Revision B) of KPC Project Quality Management Plan (PQMP) and Design Quality Management Plan (DQMP) have been submitted to RTD/GEC for final approval**
- **Procurement documents were modified to incorporate FTA QA/QC Guidelines for ongoing and future procurements**



Grantee Monthly Report Outline

Table of Contents

1. Executive Summary
2. Engineering & Construction
3. Contract & Procurement Status
4. ROW
5. Systems & Operations
6. Quality
7. Public information
8. Safety & Security
9. Environmental and Historical Status
10. Staffing
11. Schedule Status
12. Cost Status
13. Risk Management
14. Action Items



8. Status Update

PE Approval Letter Requirements

Agenda Attachment C



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

9. New Action Items

Agenda Attachment A



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

10. Look Ahead Schedule

Agenda Attachment D

