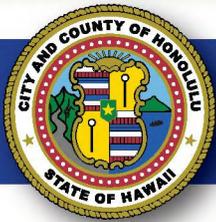


JUNE 2010



H O N O L U L U R A I L T R A N S I T P R O J E C T



MONTHLY PROGRESS REPORT



# HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

## PROGRESS REPORT

June 2010



City and County of Honolulu

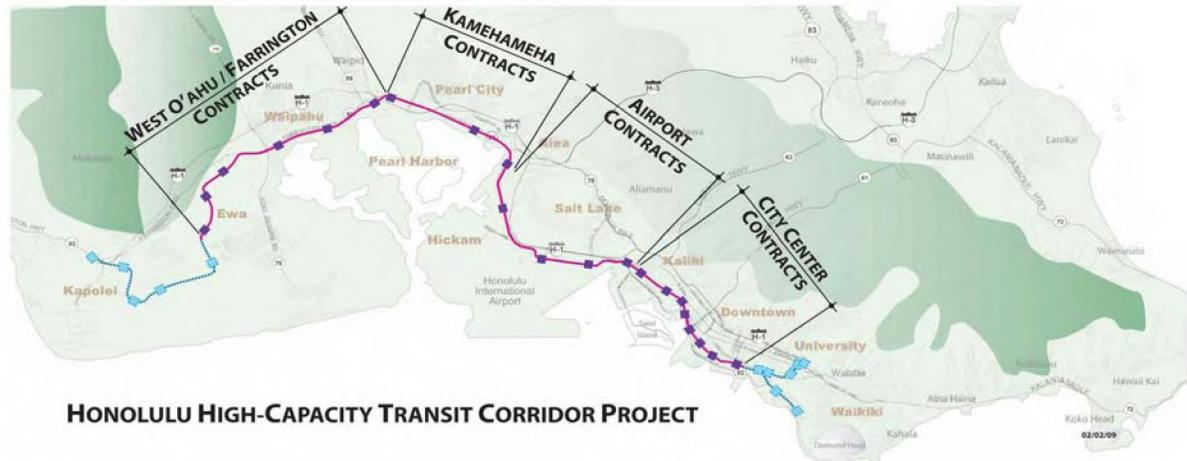
Approved by:

  
\_\_\_\_\_  
Simon Zweighart  
Chief Project Officer

7/12/10  
Date

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## 1. Executive Summary



Major project activities in June 2010 included the approval on June 14, 2010 by FTA to release the project's Final EIS, on June 18, 2010 the FTA filed Final EIS with EPA and on June 25, 2010 the Notice of Availability was published in Federal Register. Coordination with FTA also occurred to advance the Section 106 Programmatic Agreement to obtain signatures by the participating agencies. The design-build West Oahu/Farrington Highway guideway contract continued its preliminary engineering design activities as identified in its NTP #1 (mobilization), NTP #1a (preliminary engineering), and NTP #1b (soils testing) and NTP #1c which authorized the construction of non-production test and demonstration shafts.

Four active procurements were progressed during this period:

- The Core Systems Contract will include vehicles, train control, communications, fare collection equipment and miscellaneous other equipment. This will be a DBOM contract and the offeror will provide for the initial systems operations. Proposals were received and are being evaluated by the RTD team. Selection is anticipated to be completed in October.
- The Maintenance and Storage Facility Contract will include the design, construction and equipping of the projects maintenance and storage facility. This will be a Design Build (DB) contract and the contractor will be required to provide coordination with the Core Systems Contract as well as with the adjacent West Oahu/Farrington Highway (WOFH) contract. City BFS approved the selection of Kiewit-Kobayashi JV on June 7, 2010.
- The Farrington Highway Stations Design package will include continuing preliminary engineering and final design for the Leeward, Waipahu and West Loch Stations. Qualification submittals have been received and are being evaluated by a designated committee. Selection is anticipated to be completed in July.
- Kamehameha Guideway Contract will cover 3.9 miles of the project between Pearl Highlands and Aloha Stadium along Kamehameha Highway. Selection is anticipated to be completed in July or August.

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Other activities occurring this period included:

- A value engineering (VE) study was completed for the station designs and is currently being reviewed by the city.
- The City is in the process of implementing our web based contract management system. This includes establishing various policies and procedures to support an integrated project control process.
- The GEC continues to finalize the “bottoms-up” estimate of the project costs.

Note: All cost and schedule data is as of May 28, 2010.

**2. Current Contract Status**

Status

All cost and schedule data is as of May 28, 2010

Project Management Consultant 2

Contractor	Infraconsult LLC
Contract Number	SC-DTS-1000023
Award Date	11/19/2009
NTP Issued	11/19/2009
Contract Completion Date	11/19/2014
Anticipated Completion Date	11/19/2014
Independent Estimate	\$ 35,000,000
Contract Value	\$ 36,727,162
Change Orders to Date	0
Current Contract Value	\$ 36,727,162
Expended to Date	\$ 3,302,837
% Complete	9.0%

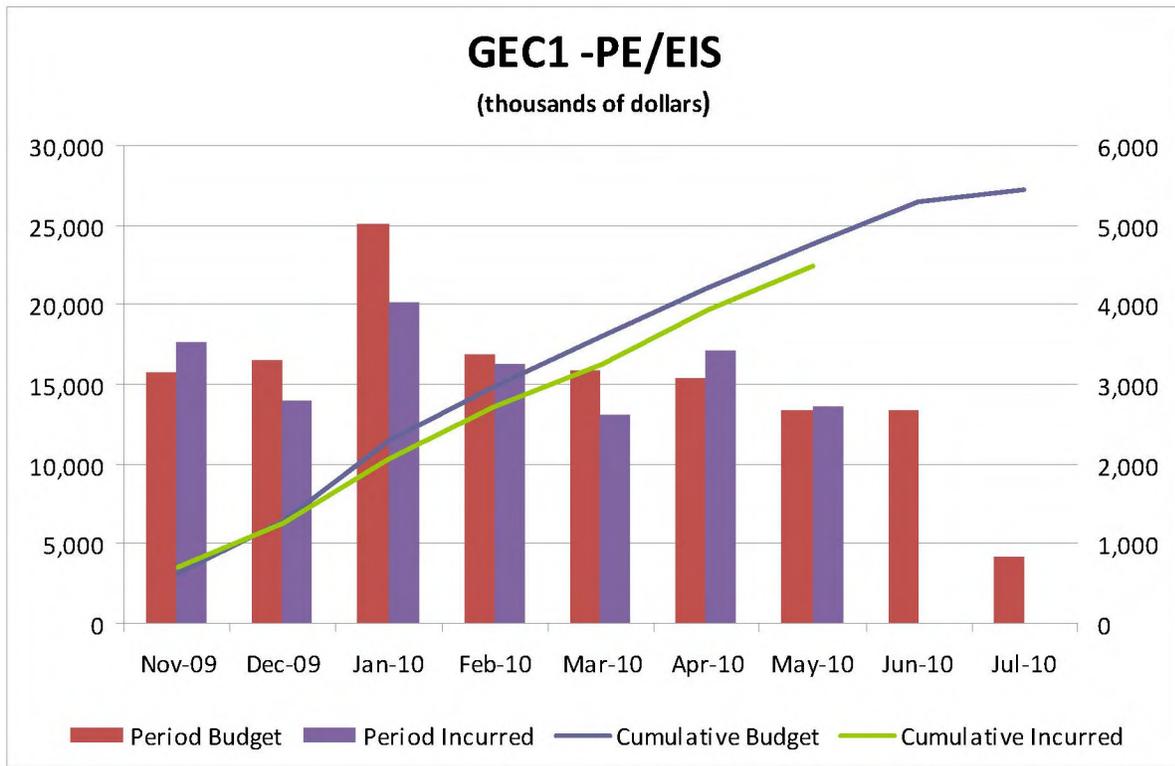
The PMC2 Contract with InfraConsult LLC (InfraConsult) was executed on November 19, 2009. InfraConsult staff's, currently numbering 22 people, are embedded within the City's Rapid Transit Division (RTD). There are no issues with the PMC Contract.

General Engineering Consultant 1

Contractor	PB Americas
Contract Number	SC-DTS-0700001
Award Date	8/24/2007
NTP Issued	8/24/2007
Contract Completion Date	6/30/2010
Anticipated Completion Date	12/31/2010
Independent Estimate	\$ 70,500,000
Contract Value	\$ 85,000,000
Change Orders to Date	\$ 30,900,000
Current Contract Value	\$ 115,900,000
Expended to Date	\$ 110,990,959
% Complete	96%

The GEC Contract with PB Americas, Inc. was executed in August 2007 and most recently was amended on April 7, 2010 (Amendment #4) for an additional \$12,900,000 for continued work on the EIS and PE. Included in the \$12,900,000 amount is \$4,000,000 in ARRA funds for PE work from FTA Grant HI-96-X001. The GEC expended the \$4,000,000 during the quarter and covered 55 FTEs (approximately 165 employees). RTD is working on GEC Contract

Amendment #5 to cover estimated costs to October 31<sup>st</sup>. There are no issues with the GEC Contract.



Legal Services

Contractor	Nossaman LLP
Contract Number	SC-COR-08A0186
Award Date	7/28/2008
NTP(s) Issued	6/1/2008
Contract Completion Date	5/31/2010
Anticipated Completion Date	6/1/2012
Independent Estimate	None
Contract Value	\$100,000
Change Orders to Date	\$700,000
Current Contract Value	\$800,000
Expended to Date	\$538,746
% Complete	67%

Contractor	Yamamoto & Settle
Contract Number	SC-COR-0900171
Award Date	6/30/2009
NTP(s) Issued	6/1/2009
Contract Completion Date	5/31/2011

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Anticipated Completion Date	5/31/2012
Independent Estimate	None
Contract Value	\$50,000
Change Orders to Date	\$35,000
Current Contract Value	\$85,000
Expended to Date	\$38,866
% Complete	78%

Contractor	Kobayashi Sugita & Goda
Contract Number	SC-COR-1000075
Award Date	4/26/2010
NTP(s) Issued	12/15/2009
Contract Completion Date	12/14/2011
Anticipated Completion Date	12/14/2011
Independent Estimate	None
Contract Value	\$50,000
Change Orders to Date	\$0
Current Contract Value	\$50,000
Expended to Date	\$0
% Complete	0%

Contractor	McCorriston Miller Mukai MacKinnon
Contract Number	SC-COR-1000024
Award Date	12/2/2009
NTP(s) Issued	9/23/2009
Contract Completion Date	9/22/2011
Anticipated Completion Date	9/22/2011
Independent Estimate	None
Contract Value	\$50,000
Change Orders to Date	\$20,000
Current Contract Value	\$70,000
Expended to Date	\$58,805
% Complete	84%

Contractor	Ogletree Deakins Nash Smoak & Stewart, P.C.
Contract Number	PO-COR-1000400
Award Date	10/12/2009
NTP(s) Issued	10/16/2009
Contract Completion Date	2/19/2010
Anticipated Completion Date	2/19/2010
Independent Estimate	None
Contract Value	\$150,000
Change Orders to Date	\$0
Current Contract Value	\$150,000
Expended to Date	\$95,074
% Complete	100% (of performance)

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Utilities

Utility	Pacific LightNet
Contract Number	CT-DTS-0900502
Award Date	4/28/2010
NTP(s) Issued	4/29/2010
Contract Completion Date	OPEN
Anticipated Completion Date	OPEN
Engineers Estimate	N/A
Contract Value	\$40,000
Change Orders to Date	0
Current Contract Value	\$40,000
Expended to Date	0
% Complete	0%

Utility	TW Telecom
Contract Number	CT-DTS-0900505
Award Date	12/2/2009
NTP(s) Issued	12/22/2009
Contract Completion Date	Open
Anticipated Completion Date	Open
Engineers Estimate	N/A
Contract Value	\$50,000
Change Orders to Date	0
Current Contract Value	\$50,000
Expended to Date	0
% Complete	0%

Utility	Oceanic Time Warner
Award Date	12/8/2009
NTP(s) Issued	12/22/2009
Contract Completion Date	Open
Anticipated Completion Date	Open
Engineers Estimate	N/A
Contract Value	\$40,000
Change Orders to Date	0
Current Contract Value	\$40,000
Expended to Date	0
% Complete	0%

Utility	Chevron Products
Contract Number	CT-DTS-0900500
Award Date	12/4/2009
NTP(s) Issued	12/22/2009
Contract Completion Date	Open

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Anticipated Completion Date	Open
Engineers Estimate	N/A
Contract Value	\$45,000
Change Orders to Date	0
Current Contract Value	\$45,000
Expended to Date	0
% Complete	0%

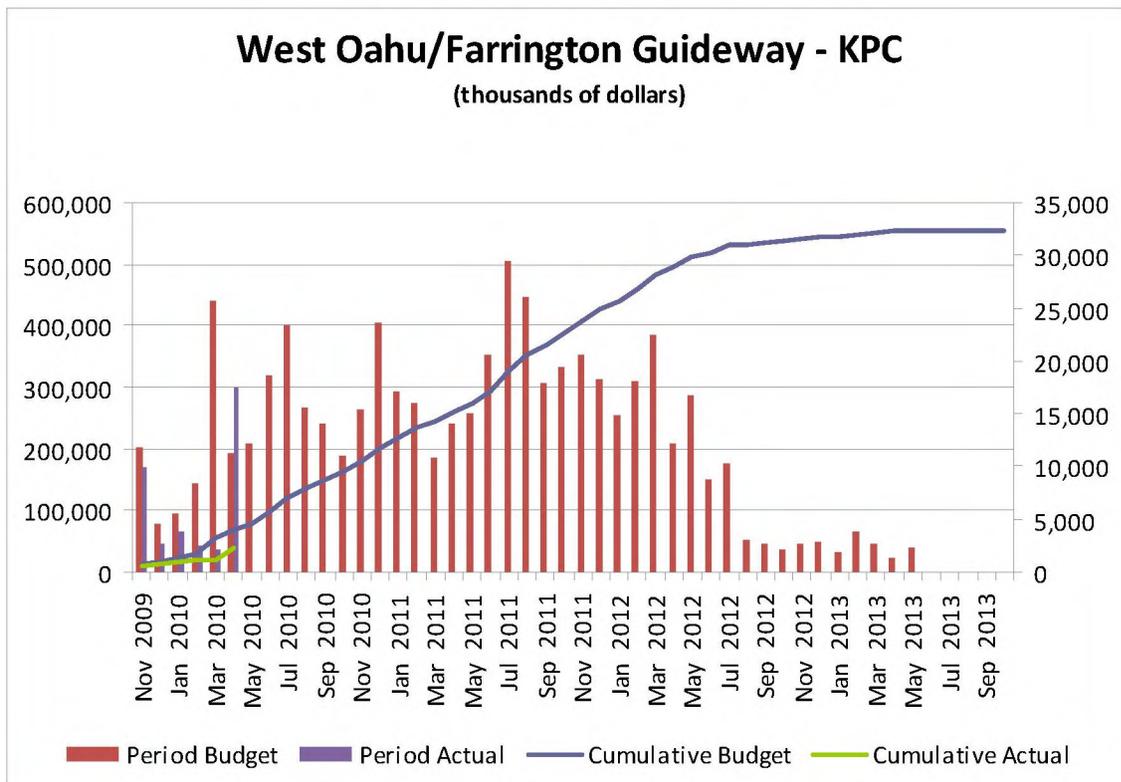
Utility	The Gas Company
Contract Number	CT-DTS-0900492
Award Date	12/13/2009
NTP(s) Issued	12/22/2009
Contract Completion Date	Open
Anticipated Completion Date	Open
Engineers Estimate	N/A
Contract Value	\$45,000
Change Orders to Date	0
Current Contract Value	\$45,000
Expended to Date	0
% Complete	0%

Utility	Hawaiian Telcom
Contract Number	CT-DTS-0900504
Award Date	5/20/2010
NTP(s) Issued	
Contract Completion Date	Open
Anticipated Completion Date	Open
Engineers Estimate	N/A
Contract Value	\$50,000
Change Orders to Date	0
Current Contract Value	\$50,000
Expended to Date	0
% Complete	0%

Utility	Sandwich Isles Communication
Contract Number	CT-DTS-1000354
Award Date	5/20/2010
NTP(s) Issued	
Contract Completion Date	Open
Anticipated Completion Date	Open
Engineers Estimate	N/A
Contract Value	\$50,000
Change Orders to Date	0
Current Contract Value	\$50,000
Expended to Date	0
% Complete	0%

West Oahu / Farrington Highway Guideway Design-Build (WOFH) Contract

Contractor	Kiewit Pacific
Contract Number	CT-DTS-1000137
Execute Contract	11/17/2009
NTP(s) Issued	
NTP 1	12/1/2009
NTP 1a	3/11/2010
NTP 1b	3/23/2010
NTP 1c	TBD
Contract Completion Date	7/7/2013
Anticipated Completion Date	3/18/2014
Engineers Estimate	\$ 555,363,000
Contract Value	\$ 482,924,000
Change Orders to Date	\$0
Current Contract Value	\$ 482,924,000
Expended to Date	\$ 38,951,000
% Complete	8%



### Status

- Project continues with Kiewit Pacific Company (KPC) operating under the allowable tasks shown in Notices to Proceed 1, 1a, & 1b.
- KPC has started soil boring program within Farrington Highway and Ho 'opili areas.
- KPC is progressing PE design work into the interim design phase.
- The City is preparing NTP 1c that will allow KPC to proceed with the test and method shafts to enable KPC to proceed with PE design of the foundations.
- The City and GEC contract teams relocated to the KPC Hub Office in Waipahu on May 24. All future meetings will be held at the Hub Office, unless specifically identified.

### Submittals and RFI's

- To date 38 contract submittals have been received: 15 are closed, 10 are with RTD and 13 are with KPC to respond to comments.
- KPC has requested additional information from the City/GEC in 72 RFI's. At the end of the reporting period there were 6 RFI's in process.

### Payment

- Payment to Contractor to date is less than anticipated in the proposal. This is mainly due to the revised NTP dates. However KPC has submitted its Pay Request for Period 4, which is under review.

### Design Status

- Staff from RTD and GEC travelled to Vancouver BC to review track ride quality and to inspect the Canadian Line trackwork relative to plinthless track. KPC staff participated in the trip and provided technical presentations on the construction techniques employed in the fabrication of the guideway segments to tight construction tolerances required for track construction. GEC will provide a trip report detailing its findings.
- Several definitive design submittals and Basis of Design reports have been submitted for review. Of the 10 definitive designs submitted, the GEC has accepted 3; 4 are in GEC review process; and 3 are with KPC to revise and resubmit.

### Changes

- To date the RTD/GEC has identified 28 potential changes to the contract. The GEC has provided its evaluation and recommendation to RTD for 10 potential changes. To date no Change Orders have been issued.
- RTD has 5 RFC in review that upon approval will be issued to KPC.

### Look Ahead

- Release of NTP #1C, to allow KPC to proceed with test and method shaft exploratory work

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3. Procurement

Contract Packages

Contract #	Description	Advertise	Select	NTP
DB-120	W. Oahu/Farrington Guideway DB	4/3/2009	10/21/2009	12/1/2009
DB-200	Maintenance & Storage Facility DB	7/23/2009	6/28/2010	8/10/2010
DB-320	Kamehameha Guideway DB	3/19/2010	9/3/2010	10/11/2010
DBB-170	W. Oahu Station Construct (3)	2/2/2012	5/31/2012	3/5/2013
DBB-270	Farrington Station Construct (3)	10/25/2011	2/21/2012	2/28/2012
DBB-275	Pearl Highland Sta., Garage	4/20/2012	8/17/2012	8/18/2012
DBB-370	Kamehameha Stations (2) Contract	9/19/2012	1/16/2013	1/17/2013
DBB-450	Airport Utility Relocation	11/24/2011	3/22/2012	5/6/2012
DBB-460	Airport Guideway Construct	5/17/2012	9/13/2012	9/14/2012
DBB-470	Airport Stations (3) Construct	7/6/2014	11/2/2014	11/3/2014
DBB-550	City Center Utility Relocation	1/28/2012	5/1/2012	5/27/2012
DBB-560	City Center Guideway and Ala Moana Station Construct	4/22/2013	8/19/2013	9/21/2013
DBB-570	Dillingham Stations (3) Construct	6/11/2015	10/8/2015	10/9/2015
DBB-572	City Center Stations (3)	6/11/2015	10/8/2015	10/9/2015
DBB-575	Kaka'ako Stations (2) Construct	6/11/2015	10/8/2015	10/9/2015
DBOM-920	Core Systems DBOM	8/17/2009	8/23/2010	9/27/2010
FD-140	W. Oahu Stations (3) Design	1/14/2010	7/26/2010	8/11/2010
FD-240	Farrington Stations (3) Design	10/13/2009	6/22/2010	8/11/2010
FD-245	Pearl Highland Sta. Parking Structure & Ramps Design	6/30/2010	10/27/2010	10/28/2010
FD-340	Kamehameha Stations (2) Design	5/28/2010	9/24/2010	3/29/2011
FD-430	Airport Utility & Guideway Design	5/28/2010	9/24/2010	9/25/2010
FD-440	Airport Stations (3) Design	9/14/2012	1/11/2013	1/12/2013
FD-530	City Center Utility, Guideway & Ala Moana Station Design	1/3/2011	5/2/2011	5/3/2011
FD-540	Dillingham Stations (3) Design	8/20/2013	12/17/2013	12/18/2013
FD-542	City Center Stations (3) Designs	8/20/2013	12/17/2013	12/18/2013
FD-545	Kaka'ako Stations (2) Design	8/20/2013	12/17/2013	12/18/2013
MI-930	Project Wide Elevators & Escalators	1/31/2011	5/30/2011	5/6/2012
MM-180	West Oahu/Farrington Station CE&I	10/25/2011	2/21/2012	2/22/2012
MM-380	Pearl Highlands & Kam Stations CE&I	6/30/2010	10/27/2010	10/28/2010
MM-480	Airport Utility & Guideway CE&I	11/24/2011	3/22/2012	3/23/2012
MM-485	Airport & Dillingham Stations CE&I	7/6/2014	11/2/2014	11/3/2014
MM-580	City Center Utility & Guideway CE&I	1/28/2012	5/26/2012	5/27/2012
MM-585	City Center & Kaka'ako Stations CE&I	6/11/2015	10/8/2015	10/9/2015
MM-900	Program Management Support Consultant	8/12/2009	11/19/2009	11/19/2009
MM-905	General Engineering Consultant 1		8/24/2007	8/24/2007
MM-910	General Engineering Consultant 2	9/3/2009	8/6/2010	8/7/2010
MM-920	HDOT Coordination Consultant	5/28/2010	9/24/2010	9/25/2010
OF-950	Owner Furnished Plants & Shrubs	9/17/2013	1/15/2014	1/15/2014

= Actual Date

Data Date: 5/28/2010

**CONFIDENTIAL**

Kamehameha Highway Guideway DB

- Completed evaluations of Alternative Technical Concepts.
- Responding to requests for clarifications
- Preparing for submission of final addendum
- Technical and price proposals are due late July 2010

Maintenance and Storage Facility

- Notification of selection was announced June 21, 2010.
- Six firms responded to the Request for Proposal of which four were assigned to the Priority-List.
- The conditional selection is Kiewit/Kobayashi Joint Venture.
- Selection was based on Best Value.
- Points for the Kiewit/Kobayashi JV were 11 percent higher than the second ranked team.
- Potential alternative changes in the plan for execution and implementation of the contract because of delay of ROD are being developed

Vehicles/Core Systems DBOM

- Three firms responded to the Request for Proposals – all three were assigned to the Priority-List
- Technical and price proposals were received June 7, 2010
- Selection is to be based on Best Value
- Review and assessment of the quality components of the evaluation criteria are underway.
- The Evaluation Committee will determine the responsive/non-responsive status and overall quality score of each Technical Proposal, except Price Realism, before information contained in the Price Proposal is revealed to the Evaluation Committee.
- The expected announcement of the selection is September 2010

Farrington Station Group Final Design

- Scope and price negotiations are underway with top ranked firm
- Expect to finalize in July 2010

West Oahu Station Group Final Design

- 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 is also under consideration.

**NOTE: The items discussed on this page are deemed CONFIDENTIAL and are not intended for public release.**

#### 4. Current Issues & Status

##### West Oahu / Farrington Highway (WOFH) Guideway DB Contract

- KPC continues to proceed with preliminary engineering activities including definitive and interim designs, and geotechnical investigations.
- The contractor has been given authorization to proceed with the method and test shaft program. They are in the process of procuring the equipment for this work effort.
- RTD and GEC staffs continue attending the task force team meetings with the contractor and their design subconsultants. Coordination on the plinthless track design continues.
- Contractor submittals and RFI's are being reviewed and responded to.
- RTD and GEC staffs have moved into the construction office in Waipahu.
- Contract management has been implemented as the communication software between RTD/GEC and the contractor.
- Meetings are held bi-weekly between the GEC and RTD staffs to discuss status and issues.
- Action item list which includes the action item, responsible person and due date is reviewed at the beginning of each meeting.

##### Maintenance and Storage Facility DB Contract

- Provided the technical information to the evaluation committee on the proposals by the offerors.

##### CORE Systems DBOM Contract

- The CSC selection committee met to review results of the technical proposal.
- Finalized "Level Boarding" report which is part of the roadmap deliverable.
- Discussing proposed changes and impacts to the emergency walkway and lighting needs. The GEC will provide a recommendation for Red's review and evaluation.
- Some uncertainty exists how conduits are routed from the trapezoidal box, at stations and how these are routed into the train control room. This issue exists at every station. Additional meetings are set up with the GEC and the WOFH contractor (KPC) to discuss these issues.
- A meeting was set up with a vendor who proposes station platform screen doors. The proposal included full height screen doors including variable message systems on top of the doors which can be used for transit related messages or for advertising or both. The GEC is studying screen doors and a white paper is expected shortly.
- Extensive effort was placed to reevaluate the MSF layout for yard track, buildings, parking and roads. This was done in preparation to talk with both CS contractor and the newly identified MSF contractor. Since all CSC offerors have expressed some form of yard automation it will be timely to include the MSF contractor to evaluate these layout changes.
- Engineering work continues on potentially relocating 138KV overhead lines to insulated cables to be installed on our guideway structure.

### Kamehameha Highway DB Documents

- Preparing technical updates for the addendum and reviewing the ATCs.

### Stations

- Farrington Station group - Working with the most qualified team in the development of the scope for the final designwork effort.

### Agreements

- Continue to work on utility construction agreement language for the WOFH Section.
- Meeting held with Deputy Attorney Generals and HDOT staff to discuss agreement language. Updating agreement language to send back to HDOT.

### Airport Alignment

- Airport Preliminary Engineering Drawings continue to be updated to reflect alignment change in the vicinity of the airport.

### Value Engineering Study

- Received VE Report from the facilitator. GEC / RTD reviewing the report to make recommendations on how to proceed. Several joint GEC / RTD meetings held to discuss findings.

### Roadmap to Final Design

- Continue to update deliverable dates onto the roadmap.
- Added seven new items onto the roadmap Project Solve site in May.

### Risk Management

- RTD has had several planning discussions with PB's Will Willson regarding preparing for Risk Management Assessments for the Project. A decision has been made to involve Mr. Willson in local risk analyses and to have him as an advisor when FTA initiates their risk assessment program.
- Our intent is to "get a jump" on the process by identifying risks, mitigation strategies and appropriate contingencies prior to the next round of FTA studies.

### Project Controls

- RTD's Contract Management Software system (CMS) is in the implementation & training phase. RTD's CMS is a fully integrated, web based project controls and contract management system utilizing Oracle's P6, Contract Management, and Microsoft SharePoint.
- PE bottoms-up estimate is being finalized.
- Construction, engineering and project control procedures for all construction and engineering contracts are being finalized.

**5. ROW**

Appraisals

- Currently refreshing the appraisals completed 6 months ago. The refresh is anticipated to be complete by the end of July.

Agreements

- University of Hawaii (UH) agreement for Leeward College was modified by City’s Corporation Council and a revised draft was submitted to UH for their review.
- The draft agreement was submitted to the Department of Education/Waipahu High School Deputy Attorney General along with a copy to FTA.

Other Activities

- Continuing to secure Consent-to-Enter agreements in support of pre-design efforts for WOFH contract and the Kamehameha section.
- Continuing on-going communication with property owners impacted by the project.
- Have meet with 8 of the 9 private property owners impacted by the airport runway mitigation. Letters were sent to all impacted property owners.

Look Ahead

- If the Record of Decision is received:
  - Make offers to WOFH private property owners
  - Begin the relocation process for WOFH displaced owners and tenants
  - Complete license agreement with DHHL for Drum Site, University of Hawaii for Leeward Community College and Department of Education for Waipahu High School
  - Seek executive order for properties under DLNR control.
  - Seek construction easement from DR Horton.
- Continue survey and appraisal work associated with Kamehameha Guideway parcels.
- Begin developing agreements associated with Kamehameha Guideway

TOTAL Parcel Impacts	TOTAL Parcels Needed	TOTAL Appraisals in Process	TOTAL Appraisals Complete	TOTAL Offers	TOTAL Acceptance	TOTAL Relocations Complete	TOTAL Ready for Construction
213	196	0	17	1	1	0	0

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RELOCATION					
	All Sections	Section 1	Section 2	Section 3	Section 4
Residential	20	16	0	0	4
Business	67	5	9	8	45
Non-Profit	1	1	0	0	0
Assessments Complete	2	0	0	0	2
Lease Agreements	2	0	0	0	2
90-day Notice Sent	0	0	0	0	0
30-day Notice Sent	0	0	0	0	0
Relocation Complete	0	0	0	0	0

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

PARTIAL ACQUISITION					
	All Sections	Section 1	Section 2	Section 3	Section 4
Impacts	161	17	21	35	88
Parcels Needed	144	16	7	33	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

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<b>EASEMENTS</b>					
	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

## 6. Quality

### Status

- The Draft RTD Quality Management Program (QMP) was submitted to PMOC for review. RTD Internal Implementing Procedures are also being developed to support the efficient and effective implementation of the revised QMP and PMP. Also submitted per PMOC request, is the RTD-approved QMP of Kiewit Pacific Company for the WOPH Guideway, which meets the FTA QA/QC Guidelines.
- The RTD approved KPC Quality Management Plan (QMP) and Design Quality Management Plan (DQMP) is being implemented on the WOHP Guideway project. Training of appropriate personnel on the approved QMP and DQMP was performed by the KPC Project QA Manager and HNTB Design QA Manager prior to start of work. Currently reviewing the Construction Quality Management Plan (CQMP) including the Inspection and Test Plan (ITP). The first RTD/PMOC Joint QA Audit of KPC/HNTB design activities will be performed when the design work is well under way. The Joint QA Audit will be coordinated by RTD QA Manager with KPC.
- The Kiewit/Kobayashi JV was the selected contractor of the MSF. Kiewit, being the major partner of the JV, will be encouraged to adapt the RTD-approved QMP for the WOHP Guideway, with very minor changes.
- QA review of the Kamehameha Guideway RFP was completed and issued to Design-Build (DB) Contractors.
- The QA Manager participated in the review of the Core System DBOM Contract proposals submitted by the three (3) contractors. RTD is currently evaluating the 3 proposals received.

### Look Ahead

- Review and approved KPC CQMP and continue RTD/GEC QA/QC oversight of the project.
- Anticipating a meeting with the K/K JV QA Team to discuss contract requirements.
- Finalize QMP and prioritized Implementing Procedures after receipt of comments from FTA/PMOC.
- Assist Procurement Officer on responding to any QA/QC question on the proposals by the RTD Selection Committee.

## 7. Public Information

### Main Messages

- Mobility and Job Creation
- Transit Oriented Development
- Geotechnical Community Awareness
- Importance of Community Involvement, Station Workshop

### Outreach Tools

- Grass Root Outreach
- May/June Newsletter
- Geotechnical Community Awareness, WOFH canvassing
- Pearl Highlands Rail Station Final Community Workshop – May 13
- Media: Morning Shows, Editorial Boards and Environmental Justice

<b>Community Outreach</b>	<b>May</b>	<b>January - May</b>
Presentations & Events	37	87
Neighborhood Boards	22	52

### Look Ahead

- FEIS Release Plan (Press Conference, Media, and Community Outreach)
- FEIS Release Materials (DVD Video Guide, Brochures, and Website)





City & County of Honolulu, Press Conference – FEIS Release



City & County of Honolulu, Book & Music Festival

## 8. Safety and Security

### Status

- Held conference call with PMOC to discuss PMP, SSMP, and Safety and Security Certification Plan comments. Currently incorporating these comments.
- Attended Kiewit Mass Safety Meeting (05/03/10)
- Held Safety and Security Oversight and Review Committee meeting (05/21/10). Trained SSORC members on the safety analysis and security assessment methodologies to be used for the Project.
- Working with GEC to evaluate hazards associated with the guideway emergency walkway
- Completed Draft Construction Safety and Security Plan
- Supporting HDOT with development of 49 CFR 659 State Safety Oversight Designation Submission
- Developing staffing needs for safety and security program

### Look Ahead

- Honolulu Police Department Lieutenant to begin ½ FTE support of the Project. Working with HPD to develop clear objectives for system security design and operational security program support.
- Attend APTA Rail Conference and related safety and security seminars and committee meetings
- Establish Safety and Security Certification Working Group
- Complete review of Preliminary Hazard Analysis Rev. A
- Complete Transportation Safety Institute Training Courses

**9. Environment & Historical**

Status

- Final Environmental Impact Statement (EIS)
  - Received approval by FTA to release Final EIS on June 14, 2010
  - Reproduced and distributed document and/or DVDs prior to EPA filing.
  - FTA filed Final EIS with EPA on June 18, 2010
  - Notice of Availability published in Federal Register on June 25, 2010. This initiates the 30-day review period.
- Programmatic Agreement (PA)
  - Meeting held on June 23, 2010 with FTA and PA signatories to discuss outstanding issues. A second meeting is planned for week of July 5.
- Initiated preparation of draft Mitigation Monitoring Plan. Plan will cover entire 20-mile corridor.
- Continued participating in WOFH Permitting & Environmental Taskforce weekly meetings.
- Provided review comments to Environmental Compliance Management Plan Rev. C.

Permit Activity

Noise Variance Permit	Complete	WOFH section only
CWA Section 404	Ongoing	In process; permit will be granted 3 – 6 months after ROD
CWA Section 401	Ongoing	In process; permit will be granted 3 – 6 months after ROD
Coastal Zone Management Cert for Section 404/10 DA	Ongoing	In process; permit will be granted 3 – 6 months after ROD
Special Management Area Permit	Ongoing	In process; permit will be granted 3 – 6 months after ROD
Stream Channel Alternation Permit	Ongoing	In process; permit will be granted 3 – 6 months after ROD
Storm Drain (MS4) Connection from DOT, Highways	Ongoing	Approved for pre-engineering testing
Storm Drain (MS4) Connection from UH	Ongoing	Approved for pre-engineering testing
Occupancy & Use Permit from DOT, Highways	Ongoing	Master Agreement pending
Flood Plain Variance from City/County	Ongoing	Pre-submittal review underway
Storm Drain (MS4) Connection from DOT, Airport	Pending	Required for Airport Segment 3
Coastal Zone Management Certification for FTA Funding	Pending	To be initiated in August 2011
Special District Permit Chinatown	Pending	To be initiated in August 2011
Project Eligibility and Development Permit (Kaka'ako)	Pending	To be initiated in August 2011

Look Ahead

- Conclude Section 106 consultation and obtain signed Programmatic Agreement
- Receive Governor's acceptance of Final EIS
- Begin preparation of Record of Decision
- Submit draft Mitigation Monitoring Plan

## 10. Staffing

### Status

The Honolulu City Council approved the FY 2011 Annual Operating Budget with a 9-0 vote which includes the Rapid Transit Division's request for funding for 31 additional positions. The Budget became law when Mayor Hannemann signed it on June 24, 2010.

As reported last month, City actions are in progress to fill the following positions:

- Right of Way Manager – Actively communicating with four qualified candidates, targeting August start date.
- Utilities Engineer – Identified and interviewed qualified candidate, targeting August start date.
- Secretary – Public Information Branch – targeting July start date.
- Planner VI – Financial and Grants Management, City advertised position and a list of qualified candidates have been received. Interviews will be held in July for an August start date.
- CAD Draftsman – Scheduled to start on July 16.

### InfraConsult Positions

- Configuration Manager – Filled in June by Karen Gast.
- Senior Cost Controls Analyst – Conducting new search for candidates.
- Senior Scheduler – Filled in June by Anthony Hammons.
- Systems Engineer (Vehicles) — Filled in June by Mike Bogonovich.

Direct support for the project continues in the areas of centralized City functions from the following Departments:

- The Department of Information Technology – Secured Information Technology Specialist started on July 1.
- Department of Budget & Fiscal Services
- Department of Design & Construction
- Corporation Counsel

### Look Ahead

City Hiring actions are in progress to fill the following positions:

- Right of Way Manager – Actively communicating with three qualified candidates, targeting July/Aug start date.
- Utilities Engineer – Identified and interviewed qualified candidate, targeting July/Aug start date.
- Secretary – Public Information Branch – targeting July start date.
- Planner VI – Financial and Grants Management, City advertised position and a list of qualified candidates will be forwarded to RTD the first week in June. Interviews will be held in late June or early July for a July/Aug start date.

For greater detail please refer to Attachment "A" DTS-RTD Organizational Chart

**11. Schedule Status**

Master Schedule

As of 5-28-10 (May 2010 data date) the Project continues to be adversely affected by the completion of the ROD Milestone. Its impact has caused all major milestones to slip.

<u>Major Project Milestones</u>	<u>Early Date</u>	<u>Total float</u>
Record Of Decision (ROD)	8/6/2010	-253
Entry into Final Design	3/29/2011	-199
FFGA	4/29/2012	-199
Open Waipahu to Leeward	8/25/2013	-244
MSF Complete	10/6/2014	-177
Open East Kapolei to Leeward	5/9/2015	-282
Open Leeward to Pearl Highlands	2/3/2016	-203
Open Kamehameha Section	11/30/2016	64
Open Airport Section	6/19/2018	-193
Open to Ala Moana Center	10/10/2019	-220

- The delay in receiving environmental clearance also directly impacts our current WOFH Contract’s NTP #2, #3, and #4, and those contracts currently in the procurement process. ROW acquisition is also adversely impacted.
- Resolving the FD Approval and LONP issue is also critical for the progress of the design/build contracts. Once ROD is resolved and removed from the critical path, FD Approval and LONP’s will be driving the project.
- The above impacts will necessitate a complete re-scheduling of the Project. It is anticipated to take place within the next month.
- The proposed CPP and is currently awaiting approval by RTD.

Milestones Completed

- Received approval by FTA to release Final EIS on June 14, 2010
- FTA filed Final EIS with EPA on June 18, 2010
- Notice of Availability published in Federal Register on June 25, 2010.

The following Activities have been added to the project

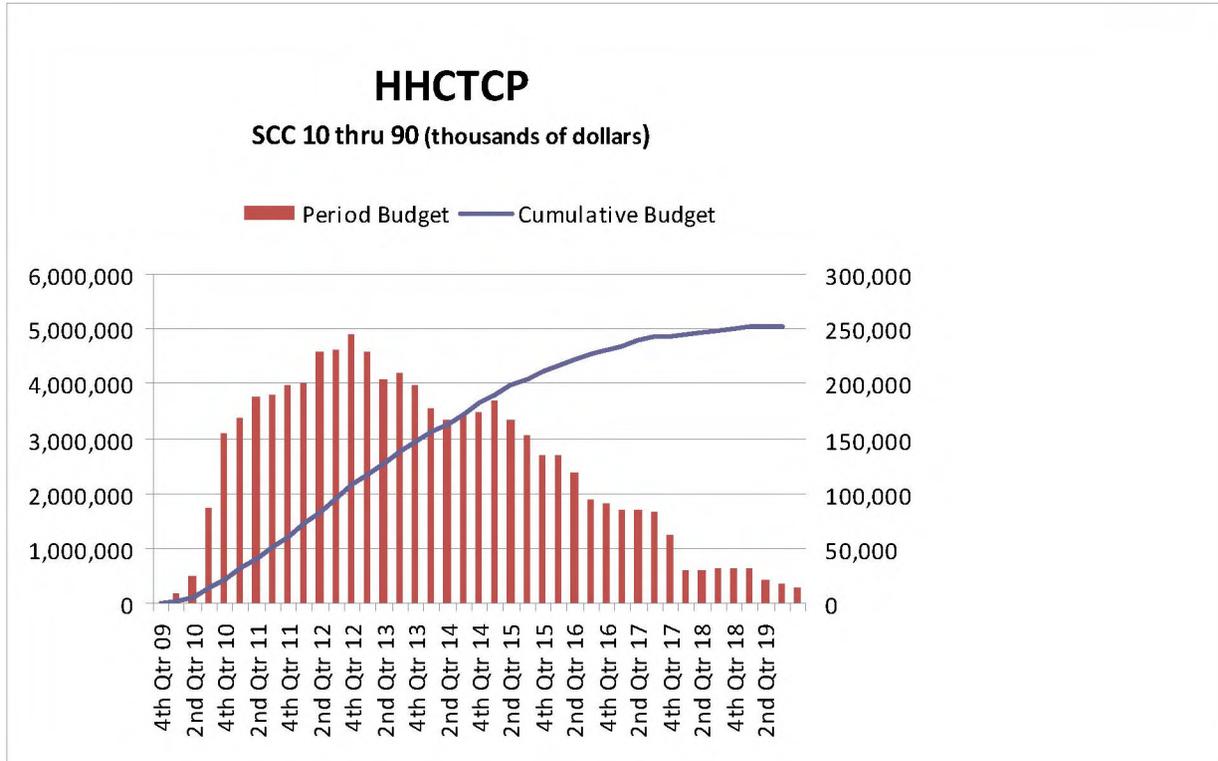
Activity Id	Activity Name
P404	Issue NTP 1C WOFH DB Guideway
P406	Issue NTP 2 WOFH DB Guideway
P408	Issue NTP 3 WOFH DB Guideway

For greater detail please refer to Attachment “B” Master Project Schedule.

**12. Cost/Budget Status**

All cost and schedule data is as of May 28, 2010

Budget



Overall Project Budget by SCC

SCC	Description	Year of Expenditure				
		Baseline Budget	Allocated Contingency	Allocated Budget	Incurred to Date	Remaining Budget
<b>10</b>	<b>GUIDEWAY &amp; TRACK ELEMENTS</b>	<b>\$1,190,647</b>	<b>\$271,280</b>	<b>\$1,461,927</b>	<b>\$0</b>	<b>\$1,461,927</b>
10.01	Guideway: At-grade exclusive right-of-way	\$0	\$0	\$0	\$0	\$0
10.02	Guideway: At-grade semi-exclusive (allows cross-traffic)	\$0	\$0	\$0	\$0	\$0
10.03	Guideway: At-grade in mixed traffic	\$0	\$0	\$0	\$0	\$0
10.04	Guideway: Aerial structure	\$1,034,668	\$235,180	\$1,269,848	\$0	\$1,269,848
10.05	Guideway: Built-up fill	\$7,665	\$1,150	\$8,815	\$0	\$8,815
10.06	Guideway: Underground cut & cover	\$0	\$0	\$0	\$0	\$0
10.07	Guideway: Underground tunnel	\$0	\$0	\$0	\$0	\$0
10.08	Guideway: Retained cut or fill	\$0	\$0	\$0	\$0	\$0
10.09	Track: Direct fixation	\$135,803	\$32,133	\$167,936	\$0	\$167,936
10.1	Track: Embedded	\$0	\$0	\$0	\$0	\$0
10.11	Track: Ballasted	\$3,103	\$465	\$3,568	\$0	\$3,568
10.12	Track: Special (switches, turnouts)	\$9,408	\$2,352	\$11,759	\$0	\$11,759
10.13	Track: Vibration and noise dampening	\$0	\$0	\$0	\$0	\$0

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<b>20</b>	<b>STATIONS, STOPS, TERMINALS, INTERMODAL</b>	<b>\$311,322</b>	<b>\$77,830</b>	<b>\$389,152</b>	<b>\$0</b>	<b>\$389,152</b>
20.01	At-grade station, stop, shelter, mall, terminal, platform	\$0	\$0	\$0	\$0	\$0
20.02	Aerial station, stop, shelter, mall, terminal, platform	\$237,284	\$59,321	\$296,605	\$0	\$296,605
20.03	Underground station, stop, shelter, mall, terminal, platform	\$0	\$0	\$0	\$0	\$0
20.04	Other stations, landings, terminals: Intermodal, ferry, trolley, etc.	\$0	\$0	\$0	\$0	\$0
20.05	Joint development	\$0	\$0	\$0	\$0	\$0
20.06	Automobile parking multi-story structure	\$0	\$0	\$0	\$0	\$0
20.07	Elevators, escalators	\$74,038	\$18,509	\$92,547	\$0	\$92,547
<b>30</b>	<b>SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS</b>	<b>\$110,799</b>	<b>\$27,700</b>	<b>\$138,499</b>	<b>\$0</b>	<b>\$138,499</b>
30.01	Administration Building: Office, sales, storage, revenue counting	\$18,981	\$4,745	\$23,726	\$0	\$23,726
30.02	Light Maintenance Facility	\$0	\$0	\$0	\$0	\$0
30.03	Heavy Maintenance Facility	\$91,818	\$22,955	\$114,773	\$0	\$114,773
30.04	Storage or Maintenance of Way Building	\$0	\$0	\$0	\$0	\$0
30.05	Yard and Yard Track	\$0	\$0	\$0	\$0	\$0
<b>40</b>	<b>SITework &amp; SPECIAL CONDITIONS</b>	<b>\$881,135</b>	<b>\$275,201</b>	<b>\$1,156,335</b>	<b>\$34,247</b>	<b>\$1,122,088</b>
40.01	Demolition, Clearing, Earthwork	\$24,524	\$7,824	\$32,349	\$0	\$32,349
40.02	Site Utilities, Utility Relocation	\$405,234	\$134,972	\$540,206	\$0	\$540,206
40.03	Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	\$5,618	\$1,966	\$7,584	\$0	\$7,584
40.04	Environmental mitigation, e.g. wetlands, historic/archeologic, parks	\$7,681	\$2,688	\$10,370	\$0	\$10,370
40.05	Site structures including retaining walls, sound walls	\$6,271	\$941	\$7,211	\$0	\$7,211
40.06	Pedestrian / bike access and accommodation, landscaping	\$204,562	\$71,240	\$275,802	\$0	\$275,802
40.07	Automobile, bus, van accessways including roads, parking lots	\$14,427	\$2,164	\$16,591	\$0	\$16,591
40.08	Temporary Facilities and other indirect costs during construction	\$212,817	\$53,405	\$266,222	\$34,247	\$231,975
<b>50</b>	<b>SYSTEMS</b>	<b>\$235,999</b>	<b>\$59,000</b>	<b>\$294,999</b>	<b>\$0</b>	<b>\$294,999</b>
50.01	Train control and signals	\$42,594	\$10,649	\$53,243	\$0	\$53,243
50.02	Traffic signals and crossing protection	\$29,043	\$7,261	\$36,304	\$0	\$36,304
50.03	Traction power supply: substations	\$47,705	\$11,926	\$59,631	\$0	\$59,631
50.04	Traction power distribution: catenary and third rail	\$74,840	\$18,710	\$93,550	\$0	\$93,550
50.05	Communications	\$25,395	\$6,349	\$31,743	\$0	\$31,743
50.06	Fare collection system and equipment	\$5,419	\$1,355	\$6,774	\$0	\$6,774
50.07	Central Control	\$11,003	\$2,751	\$13,754	\$0	\$13,754
	<b>Construction Subtotal (10 - 50)</b>	<b>\$2,729,901</b>	<b>\$711,011</b>	<b>\$3,440,912</b>	<b>\$34,247</b>	<b>\$3,406,665</b>
<b>60</b>	<b>ROW, LAND, EXISTING IMPROVEMENTS</b>	<b>\$89,652</b>	<b>\$44,826</b>	<b>\$134,478</b>	<b>\$2,893</b>	<b>\$131,585</b>
60.01	Purchase or lease of real estate	\$87,268	\$43,634	\$130,902	\$2,893	\$128,009
60.02	Relocation of existing households and businesses	\$2,384	\$1,192	\$3,576	\$0	\$3,576
<b>70</b>	<b>VEHICLES</b>	<b>\$321,633</b>	<b>\$77,192</b>	<b>\$398,825</b>	<b>\$0</b>	<b>\$398,825</b>
70.01	Light Rail	\$287,086	\$68,901	\$355,987	\$0	\$355,987
70.02	Heavy Rail	\$0	\$0	\$0	\$0	\$0
70.03	Commuter Rail	\$0	\$0	\$0	\$0	\$0
70.04	Bus	\$0	\$0	\$0	\$0	\$0
70.05	Other	\$0	\$0	\$0	\$0	\$0
70.06	Non-revenue vehicles	\$5,838	\$1,401	\$7,239	\$0	\$7,239
70.07	Spare parts	\$28,709	\$6,890	\$35,599	\$0	\$35,599
<b>80</b>	<b>PROFESSIONAL SERVICES</b>	<b>\$647,529</b>	<b>\$150,000</b>	<b>\$797,530</b>	<b>\$40,048</b>	<b>\$757,482</b>
80.01	Preliminary Engineering	\$60,723	\$8,377	\$69,100	\$14,980	\$54,120
80.02	Final Design	\$111,639	\$28,230	\$139,869	\$0	\$139,869

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80.03	Project Management for Design and Construction	\$138,399	\$22,465	\$160,864	\$24,637	\$136,227
80.04	Construction Administration & Management	\$204,011	\$55,083	\$259,094	\$0	\$259,094
80.05	Professional Liability and other Non-Construction Insurance	\$33,983	\$9,176	\$43,159	\$0	\$43,159
80.06	Legal; Permits; Review Fees by other agencies, cities, etc.	\$38,553	\$10,409	\$48,962	\$431	\$48,531
80.07	Surveys, Testing, Investigation, Inspection	\$10,195	\$2,753	\$12,948	\$0	\$12,948
80.08	Start up	\$50,027	\$13,507	\$63,534	\$0	\$63,534
<b>Subtotal (10 - 80)</b>		<b>\$3,788,716</b>	<b>\$983,029</b>	<b>\$4,771,744</b>	<b>\$77,188</b>	<b>\$4,694,557</b>
90	90 UNALLOCATED CONTINGENCY			\$285,643		\$285,643
<b>Subtotal (10 - 90)</b>		<b>\$3,788,716</b>	<b>\$983,029</b>	<b>\$5,057,387</b>	<b>\$77,188</b>	<b>\$4,980,200</b>
100	Finance Charges	\$290,294		\$290,294		\$290,294
<b>Total Project Cost (10 - 100)</b>		<b>\$4,079,010</b>	<b>\$983,029</b>	<b>\$5,347,681</b>	<b>\$77,188</b>	<b>\$5,270,494</b>

### Expenditures this Period:

- Total Remaining Budget April 2010 = \$5,298,704,902
- Total Remaining Budget May 2010 = \$5,270,493,630
- Total Expenditures for May 2010 = \$28,211,273

### Funding Sources

#### Transit Fund Revenues (Cash Basis)

	FY 2007	FY 2008	FY 2009	FY 2010 @ 5/21/10	
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	\$ 182,535	\$ 7,520,777
Other	\$ -	\$ -	\$ 29,748	\$ 1,148	\$ 30,896
<b>TOTAL</b>	<b>\$ 48,442,481</b>	<b>\$ 172,837,781</b>	<b>\$ 164,481,390</b>	<b>\$ 121,124,209</b>	<b>\$ 506,885,861</b>

**14. Action items**

<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>
1	Schedule real estate workshop	PMOC	4-Nov-09	19-Jul-10		Open
2	Schedule Roadmap meeting for Entry into FD	FTA/PMOC	16-Dec-09	10-Jan		Meetings scheduled 1 <sup>st</sup> Wednesday of every month to coincide with PMOC Monthly Progress Meetings
3	Check on status of Real Estate appraisals provided to FTA	PMOC	10-Mar	10-Apr		City to resend appraisals to FTA next week
4	Schedule/Estimate workshop	PMOC	10-Jun			Open
5	Provide PE package for Airport	City	10-May	10-Jun		Open
6	Review Configuration Management Plan	PMOC	10-May	10-Jun		Open
7	Provide sample responsibility matrix	PMOC	10-May	10-May		Open
8	Provide escalation methodology	City	10-May	10-Jun		Open

**15. List of Acronyms & Definitions**

AA	Alternative Analysis
AAR	American Association of Railroads
AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act of 1990, as amended
ANSI	American National Standards Institute
AREMA	American Railway Engineering and Maintenance of Way Association
ATC	Automatic Train Control
BASC	Before & After Study Consultant
BCS	Baseline Control Survey
BFS	Budget and Fiscal Services
BWS	Board of Water Supply
CAC	Citizen Advisory Committee
CCR	Cost Control Report
CCTV	Closed Circuit Television
CDT	Contract Document Transmittals
CEI	Construction Engineering and Inspection
CFR	Code of Federal Regulations
CFM	Configuration Management
CIP	Capital Improvement Program
CM	Construction Management
CO	Contracting Officer
COR	Department of the Corporation Counsel
COTR	Contracting Officer's Technical Representative
CPM	Critical Path Method
CSC	Core Systems Contractor
CSI	Construction Specifications Institute
CTS	Cable Transmission System
CVS	Certified Value Specialist
DBE	Disadvantaged Business Enterprise
DBELO	Disadvantaged Business Enterprise Liaison Officer
DDC	Department of Design and Construction
DEIS	Draft Environmental Impact Statement
DEM	Department of Emergency Management
DFM	Department of Facilities Maintenance

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DHS	Department of Homeland Security
DPP	Department of Planning and Permitting
DPR	Department of Parks and Recreation
DTS	Department of Transportation Services
E&O	Errors and Omissions
ECHO	Electronic Clearing House Operation
EDC	Engineering Design Consultant
EEO	Equal Employment Opportunity
EIS	Environmental Impact Statement
EMS	Emergency Medical Services
ENV	Department of Environmental Services
EOR	Engineer of Record
EP&D	Engineering, Planning and Development
EPA	Environmental Protection Agency
EV	Earned Value
EVM	Earned Value Methodologies
FCA	Hawaii State Foundation on Culture and the Arts
FEIS	Final Environmental Impact Statement
FFGA	Full Funding Grant Agreement
FHWA	Federal Highway Administration
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
GEC	General Engineering Consultant
GET	General Excise Tax
HAR	Hawaii Administrative Rules
HBC	Hawaii Building Code
HHCTCP	Honolulu High Capacity Transit Corridor Project
HDOT	Hawaii Department of Transportation
HFD	Honolulu Fire Department
HMTV	Honolulu Municipal Television
HPD	Honolulu Police Department
HRS	Hawaii Revised Statutes
IDR	Inspector Daily Report
ITT	Integrated Test Team
JPA	Joint Participation Agreement
LPA	Locally Preferred Alternative

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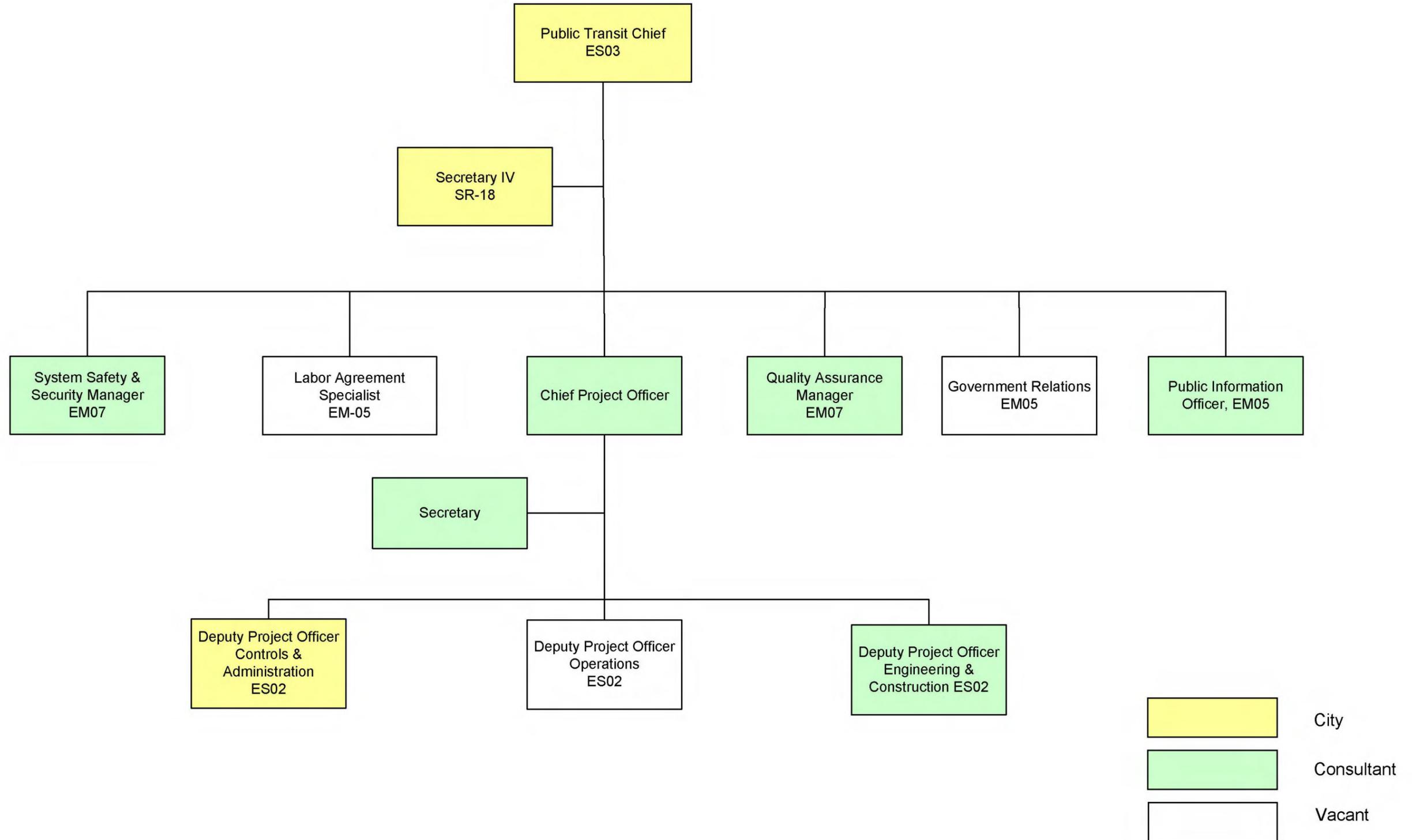
LRV	Light Rail Vehicles
MIS	Major Investment Study
MOCA	Mayor’s Office of Culture and the Arts
MOS	Minimum Operable Segment
MPO	Metropolitan Planning Organization
NEPA	National Environmental Policy Act
NFPA	National Fire Protection Association
NOA	Notification of Availability
NTP	Notice to Proceed
O&M	Operations and Maintenance
OahuMPO	Oahu Metropolitan Planning Organization
OCIP	Owner Controlled Insurance Programs
ORTP	Oahu Regional Transportation Plan (ORTP)
OWC	Overall Work Program
OTS	Oahu Transit Services, Inc.
PE/EIS	Preliminary Engineering/Environmental Impact Statement
PEP	Project Execution Procedures
PMC	Program Management Consultant
PMOC	Project Management Oversight Consultant
PMP	Project Management Plan
PO	Purchase Order
PTD	Public Transit Division
PS&E	Plans Specification & Estimate
PSA	Professional Services Agreement
PV	Planned Value
QA	Quality Assurance
QA/QC	Quality Assurance and Quality Control
QC	Quality Control
RAMP	Real Estate Acquisition and Relocation Management Plan
RCH	Revised Charter of the City and County of Honolulu 1973
RFI	Request for Information
RFP	Request for Proposal
ROD	Record of Decision
ROW	Right-of-Way
RTD	Rapid Transit Division
SCADA	Supervisory Control and Data Acquisition

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SSCP	Safety and Security Certification Plan
SSEPP	System Security and Emergency Preparedness Plan
SSMP	Safety and Security Management Plan
SSOO	State Safety Oversight Office
SSORC	Safety and Security Oversight and Review Committee
TAC	Technical Advisory Committee
TED	Traffic Engineering Division
TIP	Transportation Improvement Program
TOD	Transit Oriented Development
TPD	Transportation Planning Division
TSA	Transportation Security Administration
TSTD	Traffic Signals and Technology Division
USC	United States Code
USDOT	United States Department of Transportation
VE	Value Engineering
WBS	Work Breakdown Structure

**Attachment “A”  
DTS-RTD Organizational Chart**

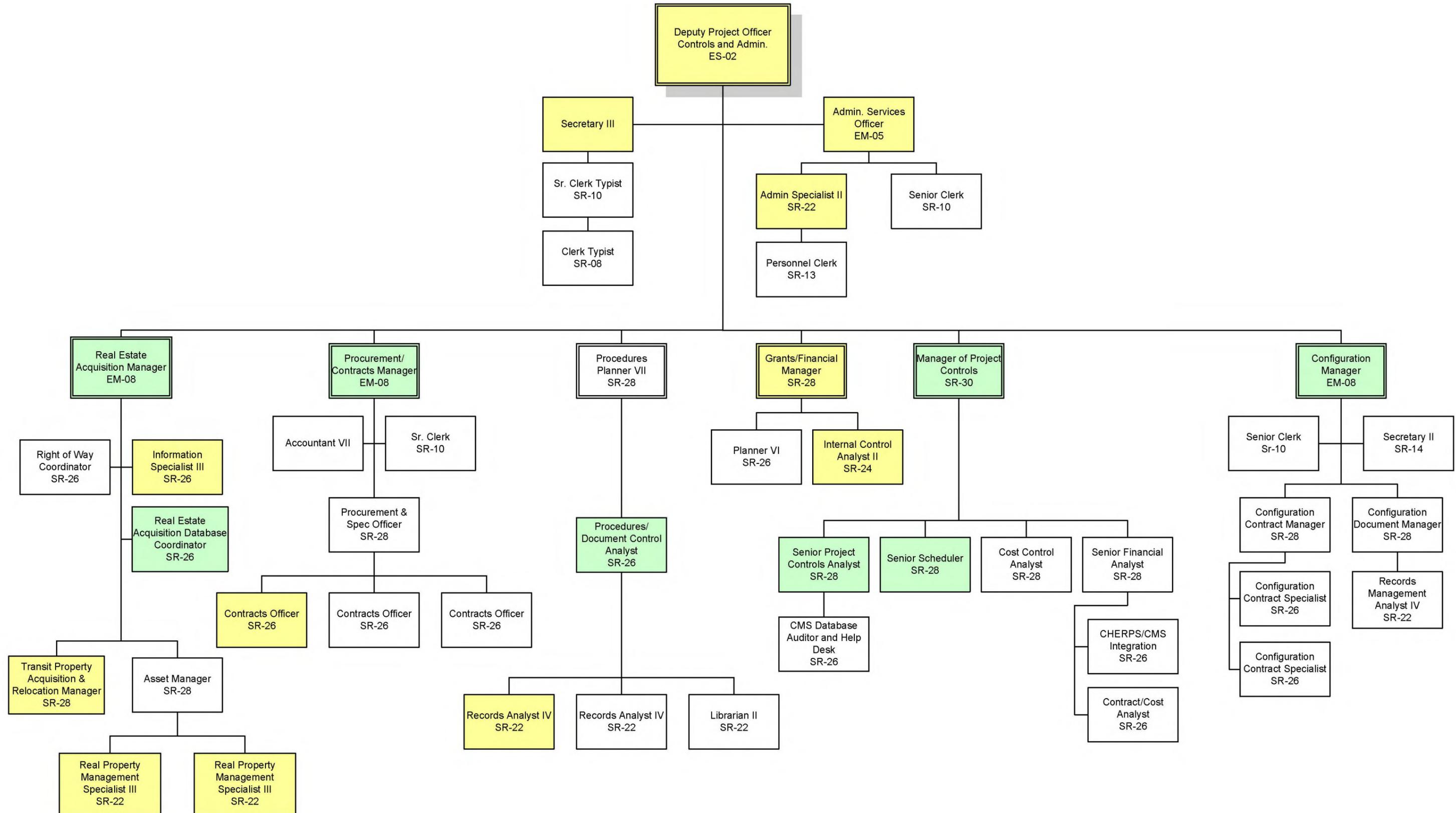
# Department of Transportation Services Rapid Transit Division



# Department of Transportation Services

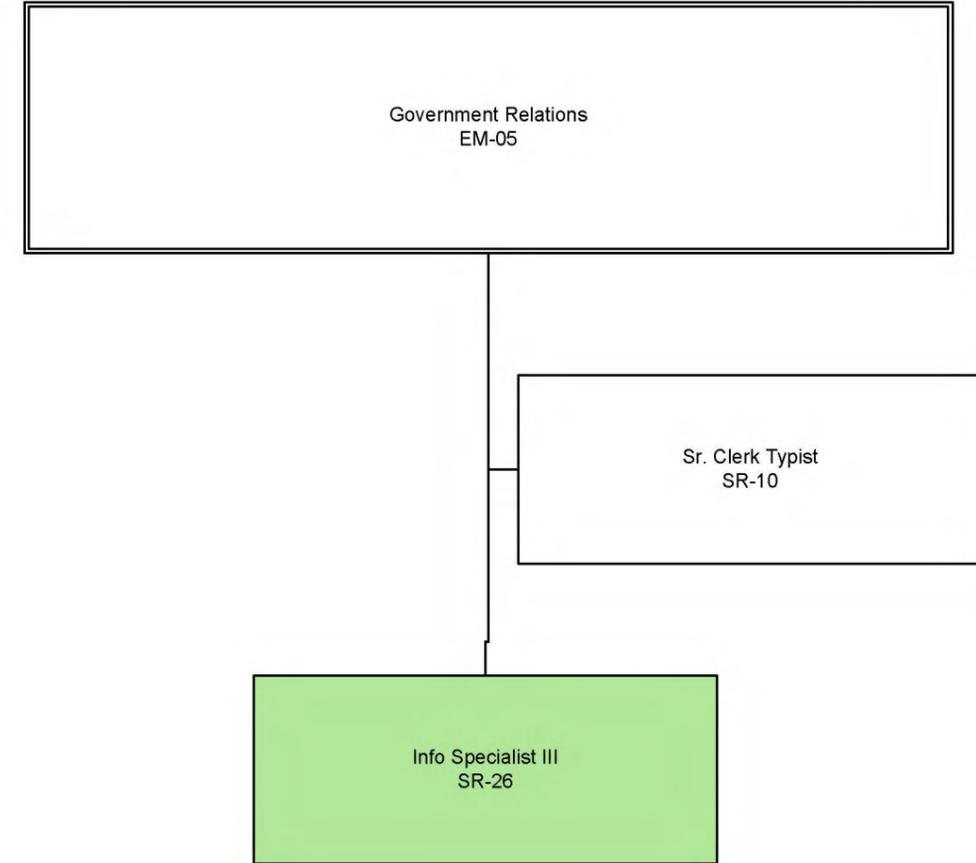
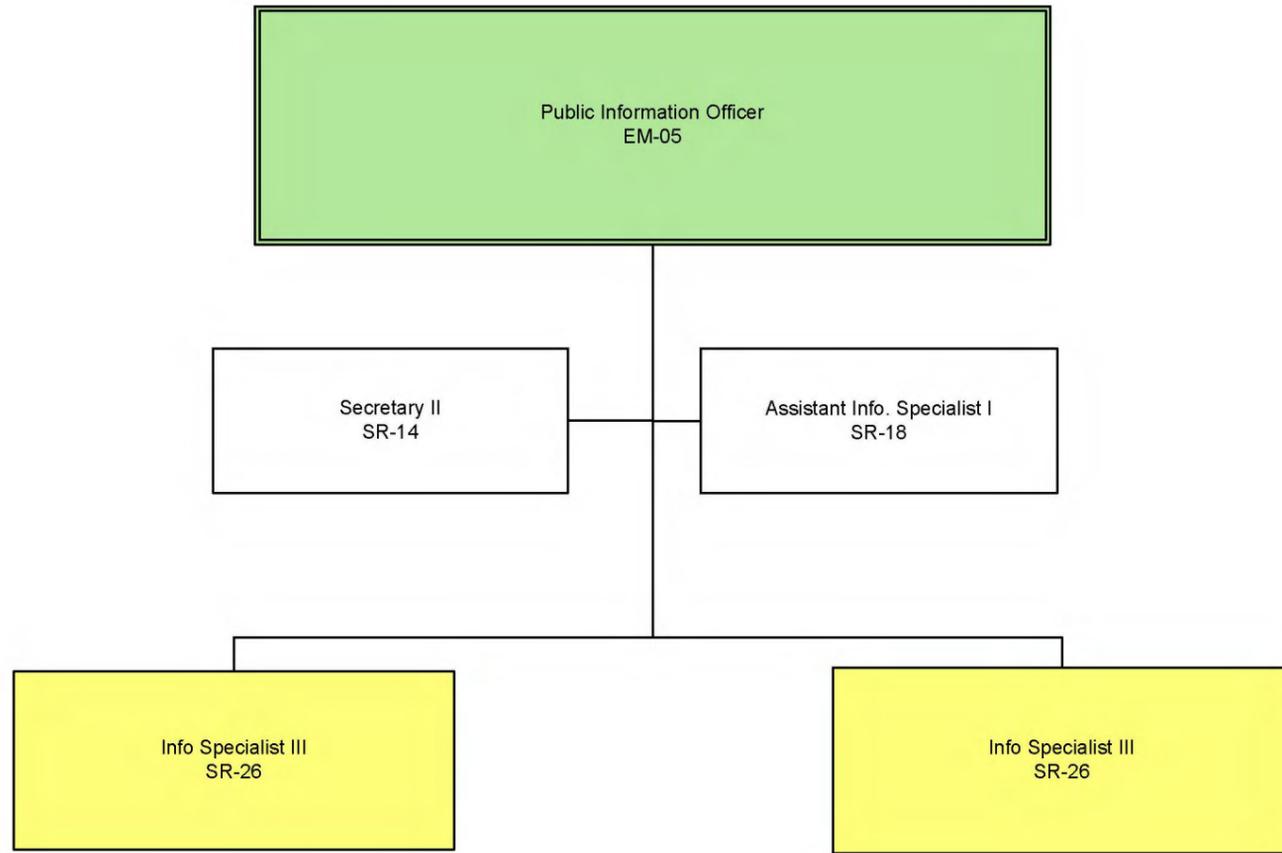
## Rapid Transit Division

### Controls & Administration





Department of Transportation Services  
Rapid Transit Division  
Public Information & Government Relations



**Attachment “B”  
Master Project Schedule**



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021					
							Q	Q	Q	Q	Q	Q3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q		
D140	Update New Starts Submittal	30	30	May-28-10	Jun-26-10	-134																									■ Update New Starts Submittal					
D150	Update PMP Plans for FD	45	45	May-28-10	Jul-11-10	-149																									■ Update PMP Plans for FD					
D160	Update PMP Project Procedures for FD	60	60	May-28-10	Jul-26-10	-164																									■ Update PMP Project Procedures for FD					
D170	Complete PE Project Definition/Scope	90	90	May-28-10	Aug-25-10	-194																									■ Complete PE Project Definition/Scope					
D190	Complete PE Project Development Requirements	90	90	May-28-10	Aug-25-10	-194																									■ Complete PE Project Development Requirements					
E210	PE Value Engineering for DBB	15	15	Jun-28-10	Jul-12-10	-180																									■ PE Value Engineering for DBB					
D120	Submit PE Value Engineering Report	30	30	Jul-13-10	Aug-11-10	-180																									■ Submit PE Value Engineering Report					
D220	Document Administrative Requirements for FD	0	0	Aug-31-10		-199																									▲ Document Administrative Requirements for FD					
D230	Conduct PE Phase Risk Assessment	60	60	Aug-31-10	Oct-29-10	-199																									■ Conduct PE Phase Risk Assessment					
D235	Prepare & Submit Financial Plan	30	30	Oct-30-10	Nov-28-10	-199																									■ Prepare & Submit Financial Plan					
D240	FTA Reviews Request to Enter Final Design	120	120	Nov-29-10	Mar-28-11	-199																									■ FTA Reviews Request to Enter Final Design					
<b>Permits</b>																																				
E610	CWA Section 404 / Section 10 DOA USACE	516	162	Mar-2-09 A	Nov-5-10	-251																									■ CWA Section 404 / Section 10 DOA USACE					
E620	CWA Section 401 Water Quality Cert	474	159	Apr-13-09 A	Nov-2-10	-248																									■ CWA Section 401 Water Quality Cert					
E650	Coastal Zone Management Cert for Sect 404/10 DA	374	217	May-10-09 A	Dec-30-10	-146																									■ Coastal Zone Management Cert for Sect 404/10 DA					
E670	Special Management Area Permit	284	193	Jun-14-09 A	Dec-6-10	-282																									■ Special Management Area Permit					
E625	Stream Channel Alteration Permit	319	167	Jun-15-09 A	Nov-10-10	-96																									■ Stream Channel Alteration Permit					
E660	Coastal Zone Management Cert for FTA Funding	90	90	Sep-2-11	Nov-30-11	-49																									■ Coastal Zone Management Cert for FTA Funding					
E810	Special District Permit for Chinatown	120	120	Apr-22-13	Aug-19-13	-100																									■ Special District Permit for Chinatown					
E820	Project Eligibility and Development Permit (Kaka'ako)	120	120	Apr-22-13	Aug-19-13	-100																									■ Project Eligibility and Development Permit (Kaka'ako)					
E710	Storm Drain (MS4) Connection from DOT, Highway...	145	30	Oct-19-09 A	Jun-26-10	-201																									■ Storm Drain (MS4) Connection from DOT, Highways Division					
E720	Storm Drain (MS4) Connection from University of H...	145	30	Oct-19-09 A	Jun-26-10	-201																									■ Storm Drain (MS4) Connection from University of Hawai'i					
E730	Storm Drain (MS4) Connection from DOT, Airport ...	145	30	Oct-19-09 A	Jun-26-10	654																									■ Storm Drain (MS4) Connection from DOT, Airport Division					
E750	Occupancy & Use Permit from DOT, Highways Divi...	145	30	Oct-19-09 A	Jun-26-10	-201																									■ Occupancy & Use Permit from DOT, Highways Division					
E770	Flood Plain Variance from City/County	145	30	Oct-19-09 A	Jun-26-10	-201																									■ Flood Plain Variance from City/County					
<b>FULL FUNDING GRANT AGREEMENT</b>																																				
<b>Project Wide</b>																																				
F110	Update Travel Forecasts at FFGA	10	10	Mar-29-11	Apr-7-11	-52																									■ Update Travel Forecasts at FFGA					
F120	Update PMP Basic Requirements for Constr	30	30	Mar-29-11	Apr-27-11	-72																									■ Update PMP Basic Requirements for Constr					
F130	Submit FD Value Engineering Report	30	30	Mar-29-11	Apr-27-11	-72																									■ Submit FD Value Engineering Report					
F140	Update Procurement Plans for Constr Phase	30	30	Mar-29-11	Apr-27-11	-72																									■ Update Procurement Plans for Constr Phase					
F180	Update Risk Assessment for FFGA	30	30	Mar-29-11	Apr-27-11	-72																									■ Update Risk Assessment for FFGA					
F150	Update PMP Plans for Constr	45	45	Mar-29-11	May-12-11	-87																									■ Update PMP Plans for Constr					
F170	FTA Financial Capacity Assessment for FFGA	45	45	Mar-29-11	May-12-11	-144																									■ FTA Financial Capacity Assessment for FFGA					
F160	Update PMP Project Procedures for Constr	60	60	Mar-29-11	May-27-11	-102																									■ Update PMP Project Procedures for Constr					
F100	Update 3rd Party Agreements for Constr Phase	90	90	Mar-29-11	Jun-26-11	-189																									■ Update 3rd Party Agreements for Constr Phase					
F190	Comp FD Project Definition/Scope	100	100	Mar-29-11	Jul-6-11	-199																									■ Comp FD Project Definition/Scope					
F200	Comp FD Project Cost/Schedule & Financial Plan	100	100	Mar-29-11	Jul-6-11	-199																									■ Comp FD Project Cost/Schedule & Financial Plan					
F210	Comp FD Project Development Requirements	100	100	Mar-29-11	Jul-6-11	-199																									■ Comp FD Project Development Requirements					
F220	FFGA Application	30	30	Jul-7-11	Aug-5-11	-199																									■ FFGA Application					
F230	City Council Authorizing Resolution of FFGA	27	27	Aug-6-11	Sep-1-11	-199																									■ City Council Authorizing Resolution of FFGA					
F240	Request FFGA	0	0	Sep-2-11		-199																									▲ Request FFGA					
F250	FTA Review FFGA	180	180	Sep-2-11	Feb-28-12	-199																									■ FTA Review FFGA					
F260	Congressional Review	60	60	Feb-29-12	Apr-28-12	-199																									■ Congressional Review					
F280	City Executes FFGA	7	7	Apr-29-12	May-5-12	-199																									■ City Executes FFGA					
<b>PROJECT WIDE CONTRACTS</b>																																				
<b>General</b>																																				
<b>MM900 Program Management Support Consultant</b>																																				
S120	Program Management Support Contract	1825	1635	Nov-19-09 A	Nov-17-14	1568																									■ Program Management Support Contract					
<b>MM905 General Engineering Consultant Contract (1st)</b>																																				
S500	GEC EIS and Preliminary Engineering	955	71	Aug-24-07 A	Aug-6-10	0																									■ GEC EIS and Preliminary Engineering					
<b>MM910 General Engineering Consultant Contract (2nd)</b>																																				

■ Actual Level of Effort    ■ Actual Work  
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**Honolulu High - Capacity Transit Corridor Project**  
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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021				
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
V100	Propose-Award GEC Contract	212	71	Sep-3-09 A	Aug-6-10	0																													
V120	General Engineering Consultant Contract	3132	3132	Aug-7-10	Mar-4-19	0																													
<b>MM920 HDOT Coordination Contract</b>																																			
HD10	Procure HDOT Coordination Contract	120	120	May-28-10	Sep-24-10	0																													
HD20	HDOT Coordination	3083	3083	Sep-25-10	Mar-4-19	0																													
<b>MI930 Elevators &amp; Escalators P//I/T/C</b>																																			
L120	Prepare Procurement Packages	30	30	Jan-1-11*	Jan-30-11	165																													
L100	Bid-Award Elevators & Escalators	120	120	Jan-31-11	May-30-11	165																													
L110	Elevators & Escalators Design/Manufacture/Test	2400	2400	May-6-12	Nov-30-18	-176																													
<b>OF950 Owner Furnished Plants and Shrubs</b>																																			
OF10	Procure Owner Furnished Plants & Shrubs	120	120	Sep-17-13	Jan-15-14	-40																													
OF20	Owner Furnished Plants & Shrubs	1915	1915	Jan-15-14	Apr-13-19	-40																													
<b>GUIDEWAY CONTRACTS</b>																																			
<b>West Oahu/Farrington Guideway</b>																																			
<b>ROW Right-of-Way Acquisition</b>																																			
WO19	Purchase ROW for WOFH Guideway	197	197	Jul-10-10	Jan-22-11	3183																													
<b>PE120 Procurement WOFH Guideway DB</b>																																			
P404	Issue NTP 1C WOFH DB Guideway	0	0	Jun-4-10*		-180																													
P406	Issue NTP 2 WOFH DB Guideway	0	0	Jun-5-10		-180																													
P408	Issue NTP 3 WOFH DB Guideway	0	0	Jun-6-10		-180																													
P390	Issue NTP 4 WOFH DB Guideway	0	0	Aug-11-10		-167																													
P270	Prepare LONP Request for DB Guideway Constr	30	30	May-28-10	Jun-26-10	-164																													
P250	Prepare LONP Request for DB Guideway FD	30	30	May-28-10	Jun-26-10	-246																													
P280	FTA Review / Issue LONP for DB Guideway Constr	45	45	Jun-27-10	Aug-10-10	-164																													
P260	FTA Review / Issue LONP for DB Guideway FD	45	45	Jun-27-10	Aug-10-10	-246																													
<b>DB120 W. Oahu / Farrington Guideway DB Contract</b>																																			
W250	W.Oahu/Farrington G/W Contract Duration	1467	1418	Dec-1-09 A	Apr-14-14	-282																													
W100	WO/F Guideway DB Contract Design	576	472	Dec-1-09 A	Sep-11-11	-136																													
W105	Geotechnical Work	325	282	Mar-11-10 A	Mar-5-11	-101																													
W140	Final Track Alignment Plans	0	0		Nov-10-10	-35																													
W110	WO/F Guideway DB Contract Sitework & Utilities	500	500	Dec-7-10	Apr-19-12	-282																													
W150	Final Trackwork Design & Specifications	0	0		Jan-11-11	-97																													
W160	Relocate Buildings in Waipahu HS & LCC	0	0		Apr-12-11	249																													
W120	W. Oahu/Farrington G'way Substantial Complete	1065	1065	May-16-11	Apr-14-14	-282																													
W130	City Supplied Steel Rails from MSF	63	63	Nov-1-11*	Jan-2-12	-149																													
W170	Farrington TPSS Fdn/Duct Bank Ready for Core Sys	0	0		May-11-12	-146																													
W180	Farrington Guideway Ready for Stations Cntr	0	0		May-27-12	-244																													
W190	East Farrington Guideway Ready for Core Sys Cntr	0	0		Oct-25-12	-216																													
W200	PH Guideway over H1 Ready for Kamehameha Cntr	0	0		Dec-24-12	-122																													
W210	West Oahu Guideway Ready for Stations Cntr	0	0		Apr-25-13	-244																													
W220	West Oahu TPSS Fdn/Duct Bank Ready for Core Sys	0	0		Aug-11-13	-246																													
W230	W. Oahu & W. Farrington Guideway Ready for Cor...	0	0		Feb-23-14	-232																													
W240	Guideway Substantially Complete	0	0		Apr-14-14	-282																													
<b>Kamehameha Guideway</b>																																			
<b>ROW Right-of-Way Acquisition</b>																																			
KA19	Purchase ROW for Kamehameha Guideway	155	155	Dec-13-10	May-16-11	3069																													
<b>PE320 Procurement Kamehameha Guideway DB</b>																																			
K112	Offerors Prepare DB Part 2 Kam Hwy Response	120	50	Mar-19-10 A	Jul-16-10	181																													
K142	Last Day for Questions Part 2	1	1	Jun-10-10	Jun-10-10	202																													
K122	Issue Final Addendum Part 2	1	1	Jun-25-10	Jun-25-10	202																													
K111	Kamehameha GW Proposals Due	0	0		Jul-16-10	181																													
K113	Evaluate Offerors Proposals Part 2	9	9	Jul-19-10	Jul-29-10	122																													
K116	Selection Committee Meets	1	1	Jul-30-10	Jul-30-10	122																													

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q		
K121	BAFO Determination	1	1	Jul-30-10	Jul-30-10	122																									BAFO Determination					
K123	Notification to Offerors of Discussion	1	1	Aug-2-10	Aug-2-10	122																									Notification to Offerors of Discussion					
K124	Discussion with Offerors	7	7	Aug-3-10	Aug-11-10	122																									Discussion with Offerors					
P1060	Request BAFOs	1	1	Aug-12-10	Aug-12-10	122																									Request BAFOs					
P1070	Kam Hwy BAFOs Due	1	1	Aug-19-10	Aug-19-10	122																									Kam Hwy BAFOs Due					
P1080	Evaluate BAFOs	7	7	Aug-23-10	Aug-31-10	122																									Evaluate BAFOs					
P1090	Selection Committee Meeting	2	2	Sep-1-10	Sep-2-10	122																									Selection Committee Meeting					
P1100	Award Kam Hwy DB Contract	0	0	Sep-3-10	Sep-3-10	122																									▲ Award Kam Hwy DB Contract					
P1110	Contractor Execute Contract	10	10	Sep-3-10	Sep-17-10	122																									Contractor Execute Contract					
P1120	City Execute Kam Hwy DB Contract	12	12	Sep-20-10	Oct-5-10	122																									City Execute Kam Hwy DB Contract					
K115	Issue NTP Kamehameha Guideway DB Contract	0	0	Oct-11-10		122																									▲ Issue NTP Kamehameha Guideway DB Contract					
K105	Prepare LONP Request for DB320	30	30	May-28-10	Jun-26-10	243																									■ Prepare LONP Request for DB320					
K107	FTA Review & Issue LONP for DB320	45	45	Jun-27-10	Aug-10-10	243																									■ FTA Review & Issue LONP for DB320					
<b>DB320 Kamehameha Guideway DB Contract</b>																																				
K117	Kamehameha Hwy GW Contract Duration	1507	1507	Oct-11-10	Nov-25-14	798																									▶ Kamehameha Hwy GW Contract Duration					
K110	Kamehameha Hwy Guideway Design	93	93	Oct-11-10	Jan-11-11	182																										■ Kamehameha Hwy Guideway Design				
K120	Kam Hwy GW Utility Design	210	210	Nov-30-10	Jun-27-11	182																										■ Kam Hwy GW Utility Design				
K129	KHG Final Track Plans	0	0		Jan-11-11	182																										▲ KHG Final Track Plans				
K130	Kamehameha Hwy Guideway Design	472	472	Jan-12-11	Apr-27-12	182																										■ Kamehameha Hwy Guideway Design				
K200	Kam Hwy GW Utility Relocation Construction	420	420	Jan-29-11	Mar-23-12	182																										■ Kam Hwy GW Utility Relocation Construction				
K210	KHG Construction	396	396	Jul-28-11	Aug-26-12	182																										■ KHG Construction				
K299	DB120 Contract Ready for KHG Interface	0	0		Dec-24-12	62																									▲ DB120 Contract Ready for KHG Interface					
K300	KHG Construction	289	289	Dec-25-12	Oct-9-13	62																										■ KHG Construction				
K398	KHG Ready for Aloha & Pearlridge Stations	0	0		Oct-9-13	62																									▲ KHG Ready for Aloha & Pearlridge Stations					
K399	DB200 Contract Rail Delivery to KHG	0	0		Oct-9-13	62																									▲ DB200 Contract Rail Delivery to KHG					
K400	KHG Construction	153	153	Oct-10-13	Mar-11-14	62																										■ KHG Construction				
K499	KHG Ready for Core Systems	0	0		Mar-11-14	62																										▲ KHG Ready for Core Systems				
K500	KHG Construction	182	182	Mar-12-14	Sep-9-14	798																										■ KHG Construction				
K599	KHG Contract Substantial Completion	0	0		Sep-9-14	798																										▲ KHG Contract Substantial Completion				
K900	KHG Contract Closeout	77	77	Sep-10-14	Nov-25-14	798																										■ KHG Contract Closeout				
<b>Airport Guideway</b>																																				
<b>ROW Right-of-Way Acquisition</b>																																				
AP19	Purchase ROW for Airport Guideway & Stations	354	354	Sep-14-10	Sep-2-11	2960																									▶ Purchase ROW for Airport Guideway & Stations					
<b>FD430 Airport Guideway &amp; Utility Design</b>																																				
G100	Prepare LONP Request for FD430	30	30	May-28-10	Jun-26-10	-176																									■ Prepare LONP Request for FD430					
G110	FTA Review & Issue LONP for FD430	45	45	Jun-27-10	Aug-10-10	-176																										■ FTA Review & Issue LONP for FD430				
G120	Procure Airport Utility & Guideway Design	120	120	May-28-10	Sep-24-10	-221																										■ Procure Airport Utility & Guideway Design				
G140	Airport Guideway Design	600	600	Sep-25-10	May-16-12	-221																										■ Airport Guideway Design				
G130	Airport Utility Design	365	365	Nov-24-10	Nov-23-11	19																										■ Airport Utility Design				
<b>DBB450 Airport Utility Relocations Contract</b>																																				
G220	Bid-Award Airport Utility	120	120	Nov-24-11	Mar-22-12	19																										■ Bid-Award Airport Utility				
G230	Airport Utility Relocation Construction	850	850	May-6-12	Sep-2-14	-25																										■ Airport Utility Relocation Construction				
<b>DBB460 Airport Guideway Construction Contract</b>																																				
G300	Bid-Award Airport Guideway	120	120	May-17-12	Sep-13-12	-221																										■ Bid-Award Airport Guideway				
G310	Airport Guideway Construction	1000	1000	Sep-14-12	Jun-10-15	-106																										■ Airport Guideway Construction				
<b>MM480 Airport Utility &amp; Guideway CE&amp;I</b>																																				
G750	Procure Airport Utility & Guideway CE&I	120	120	Nov-24-11	Mar-22-12	19																										■ Procure Airport Utility & Guideway CE&I				
G800	Airport Utility & Guideway CE&I	1175	1175	Mar-23-12	Jun-10-15	-106																										▶ Airport Utility & Guideway CE&I				
<b>City Center Guideway</b>																																				
<b>ROW Right-of-Way Acquisition</b>																																				
CC19	Purchase ROW for City Ctr Guideway & Stations	354	354	Oct-15-10	Oct-3-11	2929																									▶ Purchase ROW for City Ctr Guideway & Stations					
<b>FD530 City Center Guideway &amp; Utility Design</b>																																				
C100	Procure City Center Utility & Guideway Design	120	120	Jan-3-11	May-2-11	-220																									■ Procure City Center Utility & Guideway Design					

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### Honolulu High - Capacity Transit Corridor Project

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
C110	City Center Utility Design	270	270	May-3-11	Jan-27-12	-220																													
C120	City Center Guideway Design	720	720	May-3-11	Apr-21-13	-220																													
<b>DBB550 City Center Utility Relocations Contract</b>																																			
C200	Bid-Award City Center Utility Contract	120	120	Jan-28-12	May-26-12	-220																													
C210	City Center Gway Utility Relocation Construction	720	720	May-27-12	May-16-14	-220																													
<b>DBB560 City Center Guideway Construction Contract</b>																																			
C300	Bid-Award City Center Guideway Contract	120	120	Apr-22-13	Aug-19-13	-220																													
C310	City Center Guideway Construction	1241	1241	Sep-21-13	Feb-12-17	-220																													
<b>MM580 City Center Segment Utility &amp; Guideway CE&amp;I</b>																																			
C750	Procure City Center Utility & Guideway CE&I	120	120	Jan-28-12	May-26-12	-220																													
C800	City Center Utility & Guideway CE&I	1723	1723	May-27-12	Feb-12-17	-220																													
<b>STATION CONTRACTS</b>																																			
<b>Farrington Station Group</b>																																			
<b>ROW Right-of-Way Acquisition</b>																																			
FA19	Purchase ROW for Farrington Stations	125	125	Sep-20-10	Jan-22-11	3183																													
<b>FD240 Farrington Stations (3) Design</b>																																			
R100	Prepare LONP Request for FD240	30	30	May-28-10	Jun-26-10	-238																													
R110	FTA Review & Issue LONP for FD240	45	45	Jun-27-10	Aug-10-10	-238																													
R120	Procure Farrington Station Design	137	26	Oct-13-09 A	Jun-22-10	-189																													
R130	Farrington Stations Design	440	440	Aug-11-10	Oct-24-11	-238																													
<b>DBB270 Farrington Station Group Contract</b>																																			
R201	Prepare LONP Request for DBB270	30	30	Jun-23-10	Jul-22-10	296																													
R202	FTA Review & Issue LONP for DBB270	45	45	Jul-23-10	Sep-5-10	296																													
R200	Bid-Award Farrington Stations	120	120	Oct-25-11	Feb-21-12	-238																													
R210	Leeward & Waipahu Stations Substantial Completion	540	540	Feb-28-12	Aug-20-13	-244																													
R250	Farrington Stations Construction	731	731	Jun-21-12	Jun-21-14	-229																													
R260	Farrington Stations Systems Installation	180	180	Dec-23-13	Jun-20-14	-229																													
<b>MM180 W. Oahu/Farrington Stations CE&amp;I</b>																																			
R750	Procure West Oahu/Farrington Stations CE&I	120	120	Oct-25-11	Feb-21-12	-238																													
R800	West Oahu/Farrington Stations CE&I	1077	1077	Feb-22-12	Feb-2-15	-282																													
<b>West Oahu Station Group</b>																																			
<b>ROW Right-of-Way Acquisition</b>																																			
WO20	Purchase ROW for West Oahu Stations	0	0	Nov-7-10	Nov-7-10	3260																													
<b>FD140 West Oahu Stations (3) Design</b>																																			
X130	Prepare LONP Request for FD140	30	30	May-28-10	Jun-26-10	-5																													
X140	FTA Review & Issue LONP for FD140	45	45	Jun-27-10	Aug-10-10	-5																													
X100	Procure West Oahu Station Design	120	60	Jan-14-10 A	Jul-26-10	10																													
X110	West Oahu Stations Design	540	540	Aug-11-10	Feb-1-12	-5																													
<b>DBB170 West Oahu Station Group Contract</b>																																			
X200	Bid-Award West Oahu Station	120	120	Feb-2-12	May-31-12	-5																													
X210	West Oahu Stations Construction	700	700	Mar-5-13	Feb-2-15	-282																													
X220	West Oahu Stations Systems Installation	180	180	Feb-28-14	Aug-26-14	-282																													
<b>Pearl Highlands Sta., Garage &amp; H2 Ramps Group</b>																																			
<b>ROW Right-of-Way Acquisition</b>																																			
PH19	Purchase ROW for Pearl Sta, Ramps, Garage	261	261	Sep-20-10	Jun-7-11	3047																													
<b>FD245 Pearl Highlands Sta., H2 Ramps &amp; Garage Design</b>																																			
R300	Prepare LONP Request for FD245	30	30	May-28-10	Jun-26-10	130																													
R310	FTA Review & Issue LONP for FD245	45	45	Jun-27-10	Aug-10-10	130																													
R340	Prepare RFQ	30	30	May-28-10	Jun-26-10	52																													
R320	Procure Pearl Highland & Garage Design	120	120	Jun-30-10	Oct-27-10	52																													
R330	Pearl Highlands Station & Garage Design	540	540	Oct-28-10	Apr-19-12	52																													
<b>DBB275 Pearl Highlands Sta., H2 Ramps &amp; Garage Contract</b>																																			

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Y220	Kaka'ako Stations Construction	920	920	Jul-8-16	Jan-13-19	-220																												
Y230	Kaka'ako Stations Systems Installation	180	180	Jul-18-18	Jan-13-19	-220																												
<b>MM585 City Center &amp; Kaka'ako Stations CE&amp;I</b>																																		
U750	Procure City Center & Kaka'ako Stations CE&I	120	120	Jun-11-15	Oct-8-15	-220																												
U800	City Center & Kaka'ako Stations CE&I	1193	1193	Oct-9-15	Jan-13-19	-220																												
<b>MAINTENANCE &amp; STORAGE FACILITY CONTRACT</b>																																		
<b>Maintenance Storage Facility</b>																																		
<b>ROW Right-of-Way Acquisition</b>																																		
MS19	Purchase ROW for Maint. Storage Facility	29	29	Aug-6-10	Sep-3-10	-202																												
<b>PE200 Procurement MSF DB Contract</b>																																		
P548	Discussion with Offerors	4	1	Mar-25-10 A	May-28-10	-110																												
P550	Request BAFOs	1	1	May-28-10	May-28-10	-110																												
P552	BAFOs Due	1	1	Jun-14-10	Jun-14-10	-110																												
P554	Evaluate BAFOs	5	5	Jun-15-10	Jun-21-10	-110																												
P556	Selection Committee Meeting	3	3	Jun-22-10	Jun-24-10	-110																												
P640	Select MSF DB Contract	0	0	Jun-28-10		-110																												
P642	Contractor Execute Contract	10	10	Jun-28-10	Jul-12-10	-110																												
P645	Execute MSF Contract	10	10	Jul-13-10	Jul-26-10	-110																												
P685	Issue NTP DB MSF	0	0	Aug-10-10		-120																												
P670	Prepare the LONP Request for MSF	30	30	May-28-10	Jun-26-10	-175																												
P675	FTA Review and Issue LONP for MSF	45	45	Jun-27-10	Aug-10-10	-175																												
<b>DB200 Maintenance Storage Facility DB Contract</b>																																		
P695	MSF Contract Duration	1519	1519	Aug-10-10	Oct-6-14	-177																												
M100	MSF Design	450	450	Aug-10-10	Nov-2-11	-177																												
M500	OSB & MOW Bldg Construction for Core Systems	1079	1079	Aug-10-10	Jul-23-13	-177																												
M200	Deliver Rail to DB120 Contract	0	0		Oct-31-11	-149																												
M220	Deliver Special Trackwork to DB120 Contract	0	0		Dec-1-11	-149																												
M240	Deliver Third Rail to DB120 Contract	0	0		Jan-1-12	-149																												
M510	Deliver System Trackwork to DB320 Contract	0	0		May-25-13	-118																												
M600	MSF Substantial Completion	183	183	Jul-24-13	Jan-22-14	-177																												
M700	MSF DB Contract Completion	257	257	Jan-23-14	Oct-6-14	-177																												
M799	Delivery of Balance of System Trackwork	0	0		Sep-22-14	-163																												
<b>CORE SYSTEMS CONTRACT</b>																																		
<b>Core Systems DBOM</b>																																		
<b>PE920 Procurement Core Sys DBOM Contract</b>																																		
P820	Offerors Prepare DBOM Part 2 Systems Response	146	6	Aug-18-09 A	Jun-7-10	-54																												
P810	Issue Final Addendum Part 2	1	1	Jun-1-10	Jun-1-10	-50																												
P830	Offerors Submit DBOM Part 2 Systems	0	0		Jun-7-10	-54																												
P840	Evaluate Offerors Proposals Part 2	16	16	Jun-8-10	Jun-30-10	-54																												
P850	Buy America Pre Award Audit	30	30	Jun-8-10	Jul-21-10	-33																												
P870	Selection Committee Meets	2	2	Jul-1-10	Jul-2-10	-54																												
P880	BAFO Determination	1	1	Jul-6-10	Jul-6-10	-54																												
P890	Notification to Offerors of Discussion	1	1	Jul-7-10	Jul-7-10	-54																												
P895	Discussion with Offerors	4	4	Jul-8-10	Jul-13-10	-54																												
P905	Request BAFOs	1	1	Jul-14-10	Jul-14-10	-54																												
P920	BAFOs Due	1	1	Aug-2-10	Aug-2-10	-54																												
P930	Evaluate BAFOs	10	10	Aug-3-10	Aug-16-10	-54																												
P940	Selection Committee Meeting	2	2	Aug-17-10	Aug-18-10	-54																												
P945	Award DBOM Systems Contract	0	0	Aug-23-10		-54																												
P950	Contractor Execute Contract	12	12	Aug-23-10	Sep-8-10	-54																												
P955	City Execute DBOM Systems Contract	10	10	Sep-9-10	Sep-22-10	-54																												
P990	Issue NTP 1 DBOM Core Systems	0	0	Sep-27-10		-54																												
P960	Prepare LONP Request for DBOM Systems	30	30	May-28-10	Jun-26-10	-33																												

█ Actual Level of Effort    █ Actual Work  
█ Remaining Level of Effort    █ Remainin...  
█ CEI Level of Effort    █ Critical Re...

**Honolulu High - Capacity Transit Corridor Project**  
**Master Program Schedule**

