NOVEMBER 2010

HONOLULU RAIL TRANSIT PROJECT

MONTHLY PROGRESS REPORT

HONOLULU RAIL TRANSIT

AR00073299

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

MONTHLY PROGRESS REPORT

November 2010

City and County of Honolulu

Approved by:

Simon Zweighaft
Chief Project Officer

12/13/10
Date

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Attachment "A" DTS-RTD Organization Chart

Attachment "B" Master Project Schedule

AR00073301

1. Executive Summary

Major project issues:

- Project continues to be adversely affected by the completion of the ROD Milestone. The critical path to it's completion is finalizing the Programmatic Agreement and the Governor's acceptance of Final EIS

Major project activities in November 2010 included:

- New Governor and Mayor elected, both are pro-rail
- Draft ROD submitted to FTA
- A major re-planning of the project schedule from 6 phased openings to 3 was approved by the Change Control Board. The new milestones are:
  - Open West Oahu/Farrington/Kamehameha Sections – December 2015
  - Open Airport Section – October 2017
  - Open City Center Section – March 2019
- West Oahu/Farrington guideway geotechnical investigations are ongoing with over 260 borings completed
- Core Systems offerors in BAFO evaluation
- Maintenance and Storage Facility contract being finalized
- GEC continues to finalize the "bottoms-up" estimate of the project costs
- Project risk register being finalized
- Project Procedures being finalized
- Fare Collection & Platform Screen Door studies are being conducted
- Held 1st Project Change Control Board meeting

2. Current Contract Status

Status

All cost and schedule data is as of October 29, 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	$ 6,073,591
% Complete	16.5%

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).

General Engineering Consultant 1

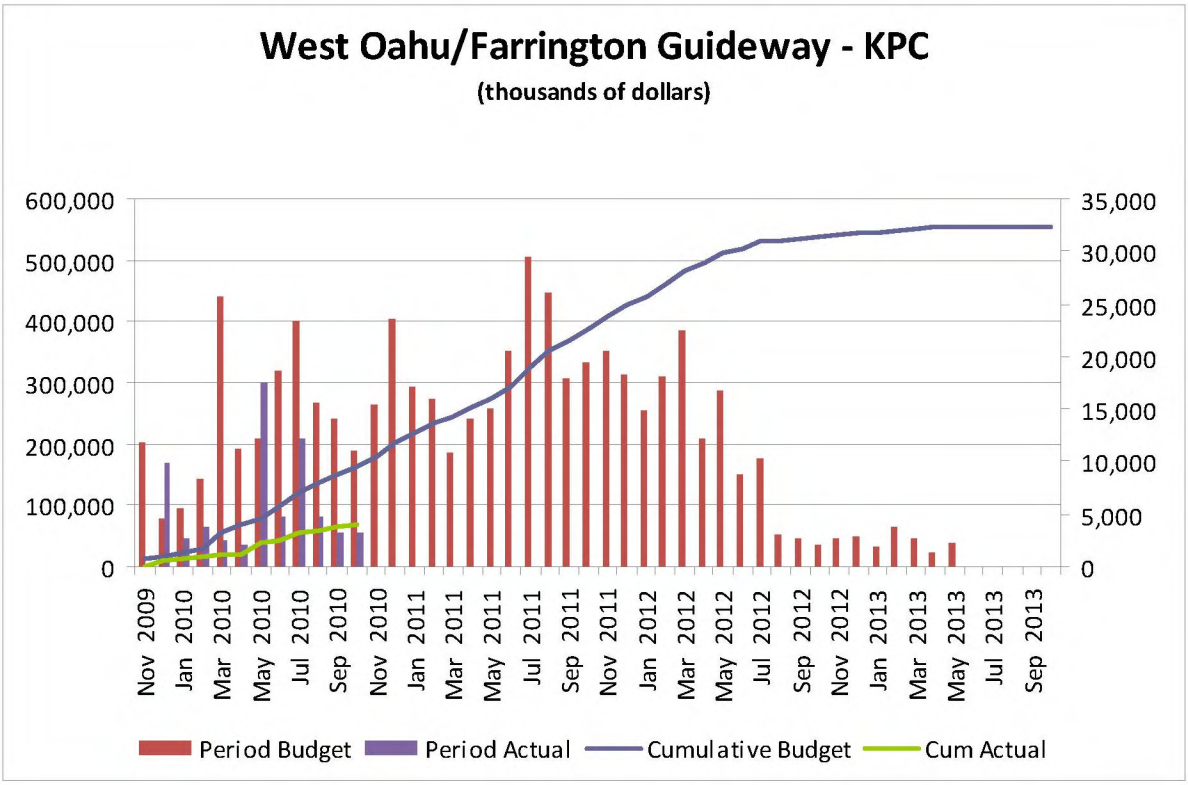
Contractor	PB Americas
Contract Number	SC-DTS-0700001
Award Date	8/24/2007
NTP Issued	8/24/2007
Contract Completion Date	6/30/2010
Anticipated Completion Date	12/31/2010
Independent Estimate	$ 70,500,000
Contract Value	$ 85,000,000
Change Orders to Date	$ 30,900,000
Current Contract Value	$ 115,900,000
Expended to Date	$ 129,078,304
% Complete	111.4%

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. Amendment #5 for $10,000,000 is expected to be approved in November 2010.

SCC	Description	Year of Expenditure				
		Baseline Budget	Allocated Contingency	Allocated Budget	Incurred to Date	Remaining Budget
80	PROFESSIONAL SERVICES	$37,361	$0	$37,361	$40,539	-$3,178
80.01	Preliminary Engineering	$15,923	$0	$15,923	$16,250	-$328
80.03	Project Management for Design and Construction	$21,438	$0	$21,438	$24,289	-$2,851
	Subtotal (10 - 80)	$37,361	$0	$37,361	$40,539	-$3,178

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

Contractor	Kiewit Infrastructure West
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	6/4/2010
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	$ 63,430,506
% Complete	13.%



SCC	Description	Year of Expenditure				
		Baseline Budget	**Allocated Contingency**	**Allocated Budget**	**Incurred to Date**	**Remaining Budget**
40	SITEWORK & SPECIAL CONDITIONS	$165,984	$24,898	$190,881	$50,314	$140,567
40.01	Demolition, Clearing, Earthwork	$3,628	$544	$4,173		$4,173
40.02	Site Utilities, Utility Relocation	$34,200	$5,130	$39,330		$39,330
40.04	Environmental mitigation, e.g. wetlands, historic/archeologic, parks	$5,941	$891	$6,832	$1,295	$5,537
40.05	Site structures including retaining walls, sound walls	$6,271	$941	$7,211		$7,211
40.06	Pedestrian / bike access and accommodation, landscaping	$1,783	$267	$2,050		$2,050
40.07	Automobile, bus, van accessways including roads, parking lots	$14,427	$2,164	$16,591		$16,591
40.08	Temporary Facilities and other indirect costs during construction	$99,734	$14,960	$114,694	$49,019	$65,674
80	PROFESSIONAL SERVICES	$53,374	$8,006	$61,380	$16,595	$44,785
80.01	Preliminary Engineering	$38,739	$5,811	$44,550	$16,595	$27,955
80.02	Final Design	$14,635	$2,195	$16,830		$16,830
	Subtotal (10 - 80)	**$219,358**	**$32,904**	**$252,261**	**$63,430**	**$185,352**

Contracts for Legal Services & Utilities

= Contract awarded before entry into PE

Legal Services #	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	$543,923
% Complete	68%

Legal Services #	Yamamoto & Settle
Contract Number	SC-COR-0900171
Award Date	6/30/2009
NTP(s) Issued	6/1/2009
Contract Completion Date	5/31/2011
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	46%

Legal Services	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 (non-participating costs)
% Complete	100% (of performance)

Legal Services	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%

Legal Services #	McCorriston Miller Mukai MacKinnon
Contract Number	SC-COR-1000024
Award Date	12/2/2009
NTP(s) Issued	9/23/2000
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	$59,052
% Complete	84%

Contractor	Carlsmith Ball LLP
Award Date	9/10/2010
NTP(s) Issued	6/30/2010
Contract Completion Date	6/29/2012
Anticipated Completion Date	6/29/2012
Engineers Estimate	None
Contract Value	$250,000
Change Orders to Date	None
Current Contract Value	$250,000
Expended to Date	$0
% Complete	0%

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	Chevron Products
Contract Number	CT-DTS-0900500
Award Date	12/4/2009
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	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	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	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	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%

3. Procurement

ContractPackages

Contract #	Description	Advertise	Select	NTP
DB-120	W. Oahu/Farrington Guideway D	4/3/2009	10/21/2009	12/1/2009
DB-200	Maintenance & Storage Facility D	7/23/2009	6/24/2010	1/11/2011
DB-320	Kamehameha Guideway DB	3/19/2010	1/21/2011	5/13/2011
DBB-170	W. Oahu Station Construct (3)	7/5/2012	11/1/2012	8/5/2014
DBB-270	Farrington Station Construct (3)	3/15/2012	7/12/2012	7/31/2012
DBB-275	Pearl Highland Sta., Garage	9/21/2012	1/18/2013	8/2/2014
DBB-370	Kamehameha Stations (2) Contr	2/20/2013	6/19/2013	6/20/2013
DBB-450	Airport Utility Relocation	4/26/2012	8/23/2012	10/7/2012
DBB-460	Airport Guideway Construct	10/18/2012	2/14/2013	2/15/2013
DBB-470	Airport Stations (3) Construct	11/2/2014	3/1/2015	3/2/2015
DBB-550	City Center Utility Relocation	6/30/2012	10/27/2012	10/28/2012
DBB-560	City Center Guideway and Ala Moana Station Construct	9/23/2013	1/20/2014	2/22/2014
DBB-570	Dillingham Stations (3) Construc	11/12/2015	3/10/2016	3/10/2016
DBB-572	City Center Stations (3)	10/8/2015	2/4/2016	2/5/2016
DBB-575	Kaka'ako Stations (2) Construct	11/12/2015	3/10/2016	3/11/2016
DBOM-920	Core Systens DBOM	8/17/2009	1/31/2011	2/15/2011
FD-140	W. Oahu Stations (3) Design	1/14/2010	12/27/2010	11/28/2010
FD-240	Farrington Stations (3) Design	10/13/2009	11/23/2010	10/29/2010
FD-245	Pearl Highland Sta. Parking Structure & Ramps Design	12/1/2010	3/30/2011	3/31/2011
FD-340	Kamehameha Stations (2) Desig	10/29/2012	2/25/2011	8/30/2011
FD-430	Airport Utility & Guideway Desigr	10/29/2010	2/25/2011	4/27/2011
FD-440	Airport Stations (3) Design	2/15/2013	6/14/2013	6/15/2013
FD-530	City Center Utility, Guideway & Ala Moana Station Design	6/6/2011	10/3/2011	8/2/2011
FD-540	Dillingham Stations (3) Design	1/21/2014	5/20/2014	5/21/2014
FD-542	City Center Stations (3) Designs	1/21/2014	5/20/2014	5/21/2014
FD-545	Kaka'ako Stations (2) Design	1/21/2014	5/20/2014	5121/2014
MI-930	Project Wide Elevators & Escalators	1/31/2011	5/30/2011	10/7/2012
MM-180	West Oahu/Farrington Station C	3/15/2012	7/10/2015	7/13/2012
MM-380	Pearl Highlands & Kam Stations	12/1/2010	3/30/2011	3/31/2011
MM-480	Airport Utility & Guideway CE&I	4/26/2012	8/23/2012	8/24/2012
MM-485	Airport & Dillingham Stations CE	12/7/2014	4/5/2015	4/6/2015
MM-580	City Center Utility & Guideway C	6/30/2012	10/27/2012	10/28/2012
MM-585	City Center & Kaka'ako Stations	11/12/2015	3/10/2016	3/11/2016
MM-900	Program Management Support C	8/12/2009	10/19/2009	10/20/2009
MM-905	General Engineering Consultant 1 (Awarded)		8/24/2007	8/24/2007
MM-910	General Engineering Consultant	9/3/2009	5/6/2011	5/7/2011
MM-920	HDOT Coordination Consultant	10/29/2010	2/25/2011	2/26/2011
OF-950	Owner Furnished Plants & Shrut	2/22/2014	6/22/2014	6/22/2004

= Actual Date Data Date: 10/29/2010

General Engineering Consultant (II)
- Negotiating scope of work
- Expect to finalize negotiations and issue notice to proceed in mid-January 2011

Kamehameha Highway Guideway DB
- Evaluating Price Proposals
- Expect to issue call for best and final to reflect change in expected completion dates.
- Expect to announce selection mid-December.
- NTP #1 would be issued around the first of February

Maintenance and Storage Facility
- Expect to issue NTP #1 around January 5, 2011
- NTP #1 activities under development

Vehicles/Core Systems DBOM
- Call for best and final offer issued November 4, 2010.
- BAFO responses due December 22, 2010
- Expect to issue NTP #1 end of February

Farrington Station Group
- NTP #1 expected mid December 2010

West Oahu Station Group
- Expect to refresh qualification with responses mid December
- Expect to take about 2 months to complete selection process

Kamehameha Station Group (3 stations)
- Expect to issue RFQ in November

Real Estate Relocation
- RFP Part 1 issued November 17, 2010
- RFP Part 2 expected to be issued mid January and NTP is end of March 2011

Owner Controlled Insurance Program
- Expect to issue RFP in December

HDOT Design Review & Inspection
- In negotiations with top ranked firm

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

- Geotechnical investigations are ongoing with 261 borings completed. 57 remain to be completed.
- Load test shafts #1, #2 and #3 were placed. Load tests will be performed in December. Method shaft #2 is scheduled for placement in December.
- Contractor preliminary engineering definitive and interim design submittals are being reviewed and responded to. 89 total contract submittals have been received with 15 under review.
- Contractor RFI's are being reviewed and responded to. 131 RFI's received with 8 open and under review.
- The Contractor has issued 3 NCRs related to method shaft #1.
- Request for Change (RFC's) are being processed through CMS. The Contractor has submitted 50 RFC's for City review: 4 are duplicates, 11 notices for information only, 15 denied, 5 no cost/time changes scheduled for the Change Control Board and 15 are under review. The City has submitted 20 RFC's for contractor review with one RFC response received from the Contractor
- NTP's #2, #3 and #4 are pending ROD.

Maintenance and Storage Facility DB Contract

- RFC for the alternate layout of the facility is being reviewed in CMS in anticipation of issuance to the Kiewit / Kobayashi team once the contract is executed.

CORE Systems DBOM Contract

- Continue to participate in the evaluation committee process.

Kamehameha Highway Guideway DB Documents

- Started to prepare documents to be issued to the selected offeror at NTP.

Stations

- Farrington Station Group – Still awaiting the issuance of the contract to the HDR team. At this time NTP # 1 is scheduled for January 3rd with the design workshop being held the third week of January, 2011. Preparing documents to deliver to the designer at NTP.

Value Engineering Study

- Reviewing options for the guideway VE study for the Airport and City Center Segments.

Agreements

- Working on the HECO utility construction agreement for the WOFH Section. Agreement should be ready to submit to HECO after ROD.
- The Intergovernmental agreement between the State and City for the WOFH Segment has been executed by both the State and City. The Use and Occupancy portion of the agreement cannot be finalized until after ROD.
- The selection process for the two consultants to be hired by the City on behalf of the State is ongoing.

Roadmap to Final Design

- Roadmap updated to incorporate comments from both FTA and PMOC.
- Regular monthly Roadmap teleconferences are being held prior to the start of the regular monthly progress meeting.

Design and Construction Coordination Meetings

- 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.

Miscellaneous Items

- RTD keeping track of GEC deliverables via a GEC Design and Construction Action List
- Construction, engineering and project control procedures for all construction and engineering contracts being finalized.
- Updates to the Standard Documents - Compendium of Design Criteria, Standard Specifications, Standard Drawings and Directive Drawings were updated and issued.

Risk Assessment

- The initial risk register and scoring has been completed and issued to the PMOC for their review / comments and internally for further review. Started to incorporate the stripped schedule and budget into the risk assessment process.
- Meeting scheduled with the PMOC on December 7th to discuss any comments from their initial review of the risk register.
- Schedule for upcoming Risk Assessment workshops:
    - January 11/12 – Pre-Risk Assessment Workshop
    - Mid to late February – Risk Assessment Workshop # 1
    - Mid to late March – Risk Assessment Workshop # 2
    - After Entry into Final Design – Risk Assessment # 3

Project Controls

- The Master Schedule is under revision due in part to the late ROD.
- PE bottoms-up estimate is being finalized.
- RTD's Contract Management Software system (CMS) continues its roll-out. Created new projects for:
    - Environmental: which will be used to track permits, environmental mitigations, meetings and issues.
    - Risk: which will be used to track the risk mitigation actions, issues and meetings.
    - Right Of Way: which will be used to track ROW meetings and issues (will be secure for the ROW group)

Configuration Management

- Procedure Development – Posting all Procedures for PMOC review
- Project Plan Conformance – Finalizing PMP Rev 4 and CFMP at this time
- RFC Procedures – Implemented Project Wide
- Change Control Board – CCB has met twice, 5 RFCs have been accepted and 1 Baseline Schedule Modification has been authorized.
- Contract Change Orders – The Procedures for Change Orders and Change Management are finalized with COR (legal) and BFS (Budget and Fiscal Services. The first Contract Change Order for WOFH is being processed.

Look Ahead

- Procedure Development – Looking ahead to comments from the PMOC
- Project Plan Conformance – Finalizing Plans to post for PMOC
- Change Control Board – Set up bi-weekly meetings (Thursdays) as a standard for the Board
- Contract Change Order – Process 1st Contract Change Order through BFS

5. ROW

Appraisals

- One Kamehameha Guideway appraisal is complete and was sent to FTA for their review. Remaining Kamehameha Guideway appraisals are under review.

Agreements

- DOE agreement awaiting City Council approval. FTA Regional comments are pending.
- Draft Master Agreement sent to University of Hawaii (UH) for their initial review and comment.

Other Activities

- Continuing to secure Consent-to-Enter agreements in support of pre-design efforts for WOFH contract and the Kamehameha section.
- Continuing to meet with property owners impacted by the project.
- RFP part one for professional real estate services has been released and working on the detailed scope of work for part II.

Look Ahead

- Entire Alignment
  - Complete RAMP Revision 4 for PMOC review and comment.
  - Advance UH agreement with University of Hawaii
  - Continue procurement process for Real Estate Consultant.
- WOFH Section
  - WOFH parcel TMK 196004:006 appraisal being finalized to include the results from the environmental study.
- Kamehameha Section
  - Complete appraisal reviews for remaining parcels.
  - Initiate appraisal for Pearl Ridge Station parcel TMK: 1-9-8-009:017

TOTAL Parcel Impacts	TOTAL Parcels Needed	TOTAL Appraisals in Process	TOTAL Appraisals Complete	TOTAL Offers	TOTAL Accept-ance	TOTAL Relocations Complete	TOTAL Ready for Construction
213	196	4	18	1	1	0	0

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	1	0	0
Appraisals Complete	16	14	1	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	4	0	4	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

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

6. Quality

Status

- Quality Management Plan (QMP) & Quality Implementing Procedures (QIP): The final Draft QMP (Revision D) was submitted to the PMOC on 11/18/10.
- Started training RTD QA Auditor(s).
- Performed QA Audit of the GEC PE/EIS on 11/17-19/10. The audit resulted into one NCR and three Observations. The NCR is for the Design Control (Drawings/Calculations) and the 3 Observations are for: 1) Document Control/Quality Records; 2) Design Control (Computer Software Programs); and 3) Nonconformance/Corrective Action.
- All 10 Observations found during the RTD/GEC QA Surveillance WOHP Guideway have been closed.
- On 10/12-14/10, RTD/GEC performed a QA Audit of KIWC/HNTB and Figg Engineering Design Processes in Florida. The Audit Team found two (2) positive findings and three (3) Observations, which will require Preventative actions. The Audit Report was issued to KIWC on 10/27/10.

Look Ahead

- Review, approve and close-out three (3) Observations issued to KIWC; continue RTD/GEC QA/QC and Environmental Compliance (EC) oversight of the WOFH contract.
- Issue QA Audit Report and close-out of the NCR and 3 Observations
- Finalize QMP and QIP(s) including Exhibits and Appendices. Submit Final QMP to PMOC. Continue training of QA Auditor(s).

7. Public Information

Main Messages

Post-election messaging
- Public Transit Authority (Next steps, structure)
- Election results (State, Local and National)
- EIS approval and project momentum

WOFH Community Outreach
- Gearing up for future construction impact mitigation

Expo presence: AIA/CSI Pacific Building Expo
- Focus on preliminary engineering and future construction

Outreach Tools

- Key media coverage (print, broadcast, online interviews)
- Transit corridor tour with the mayor
- Waipahu business and community small-group briefings; door-to-door canvassing; regular briefings with transportation and morning and afternoon drive-time reporters (television, radio and print)

Community Outreach	October	January - November
Presentations & Events	4	147
Neighborhood Boards	10	133

Look Ahead

Presentations & Events
- Special Management Area permit hearings and support
- EIS acceptance by the governor
- Selection and promotion of Youth for Rail winners

WOFH Outreach
- Method and test shaft testing outreach
- Business and Residential Impact Mitigation Plan approval in preparation for construction

AIA CSI Expo

8. Safety and Security

Current Activities

- Safety and Security Certification Working Group (SSCWG) has been established and meetings are ongoing. Last meeting held 11/18/10.
- Developed Safety and Security Certification Certifiable Elements List for WOFH contract and submitted to Kiewit.
- Draft State Oversight Agency Designation Submission submitted to the FTA Office of Safety and Security for review/comment.
- Revising Project Management Plan, Safety and Security Management Plan and Safety and Security Certification Plan based on PMOC comments.
- Development of the RTD Safety and Environmental Orientation has been completed. RTD Managers orientation scheduled for 12/02/10. PMOC orientation scheduled for 12/07/10.
- Supporting GEC development of Project-wide Certifiable Elements and Items Lists.
- Incorporating newly identified hazards related to guideway hatches, safety walkway/stairway interface, and train derailments into the Preliminary Hazard Analysis (PHA).
- Continuing with Construction Safety and Security Task Force meeting with Kiewit. Conducting site safety walks of Kiewit Construction Safety and Security Program. Recording observations and tracking corrective actions to closure.

30 Day Look Ahead

- Schedule SSCWG review of Preliminary Hazard Analysis.
- Support GEC conversion of the PHA into a database application.
- Develop Safety and Security Certification Training Seminar.
- Further develop System Security Outline with support from HPD. Begin identifying short term and long actions that need to be addressed.
- Support HDOT State Oversight Agency revisions to Designation Submission received from the FTA Office of Safety and Security.

9. Environment & Historical

Record of Decision

- Received comments from FTA on November 23/24, 2010 on responses to comments received on the Final EIS. Responses will be modified accordingly and returned to FTA for final review.
- Submitted Draft ROD to FTA on October 29, 2010. No comments have been received to date.

Programmatic Agreement (PA)

- Received final comments on draft PA from signatories on October 29, 2010. Draft PA was modified accordingly and returned to FTA for review.
- Obtained approval by City Council Transportation Committee on November 12, 2010 to allow Resolution No. 10-305, re-authorizing the Director of the Department of Transportation Services to execute the Section 106 Programmatic Agreement with the U.S. Department of Transportation Federal Transit Administration, the Hawaii State Historic Preservation Officer, and the Advisory Council on Historic Preservation for the Honolulu High-Capacity Transit Corridor Project to proceed to the City Council.
- Obtained City Council approval on November 22, 2010 re-authorizing DTS Director to sign the PA.
- Submitted draft PA to consulting parties for review by December 3, 2010. comments.

Other Items

- Section 7 consultation - Received USFWS' concurrence letter on October 29, 2010, which concludes the Section 7 consultation.
- Mitigation Monitoring Plan was submitted to FTA/PMOC for review. Still awaiting comments.

Look Ahead

- Conclude Section 106 process with executed Programmatic Agreement
- Issuance of Record of Decision by FTA
- Respond to FTA/PMOC comments on Mitigation Monitoring Plan and finalize.

Permit status

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

10. Staffing

Positions being processed:

Engineering

- Electrical Engineer IV – Offer accepted, Dec start date.
- Electrical Engineer III – Offer accepted, Dec/Jan start date.
- Mechanical Engineer III – Offer accepted, Jan 3, 2011, start date.
- Mechanical Engineer III – Offer accepted, Jan 16, 2011, start date.
- Civil Engineer VI (Senior Structural) – Offer accepted, Dec/Jan start date.
- Civil Engineer III, Maintenance & Storage Facility – Offer accepted, Dec/Dec start date.
- Civil Engineer VI (Utilities) – Recruitment in progress, anticipate Jan start date.
- Secretary III – Offer accepted, Dec start date.

Administration and Project Controls

- Contract Management Project Controls Specialist – Offer accepted, Dec start date.
- Records Management Analyst II (1) – Offer accepted, Dec start date.
- Records management Analyst II (2) – Offer accepted, Dec/Jan start date.
- Planner VI – Financial and Grants Management. Interviews completed.
- Transit Property Asset Manager – Offer accepted, Dec/Jan start date.
- Procurement & Specifications Specialist – Employee transfer from Budget & Fiscal Services, Nov 16 start date.
- Procurement & Specifications Specialist - Employee transfer from Budget & Fiscal Services, Nov 16 start date.
- Rapid Transit Program Administrator – Selection made, processing paperwork for Dec start date.
- Secretary II – Authorization to fill position approved.

Direct Report to Chief of Rapid Transit:

- System Safety Engineer – Classification specification in review by the Department of Human Resources.

The Rapid Transit Division receives direct project support in centralized City functions from the following City departments:

- Honolulu Police Department
- The Department of Information Technology
- Department of Budget & Fiscal Services
- Department of Design & Construction
- Corporation Counsel
- Department of Human Resources

For greater organizational structure detail, please refer to Attachment “A” DTS-RTD Organizational Chart.

11. Schedule Status

Master Schedule

- A major re-planing of the project schedule from 6 phased openings to 3 was approved by the Change Control Board. The new milestones are:
    - Open West Oahu/Farrington/Kamehameha Sections – December 8, 2015
    - Open Airport Section – October 29, 2017
    - Open City Center Section – March 13, 2019
- Of Note: System opening date (March 2019) has not changed from entry into PE schedule baseline
- Final re-baselined schedule to be submitted to the Change Control Board December 16, 2010
- ROD target date is now December 20, 2010
- Groundbreaking targeted for January 2011

Once ROD is issued and removed from the critical path, the issuance of one or more Letter of No Prejudice (LONP) will be driving the projects critical path.

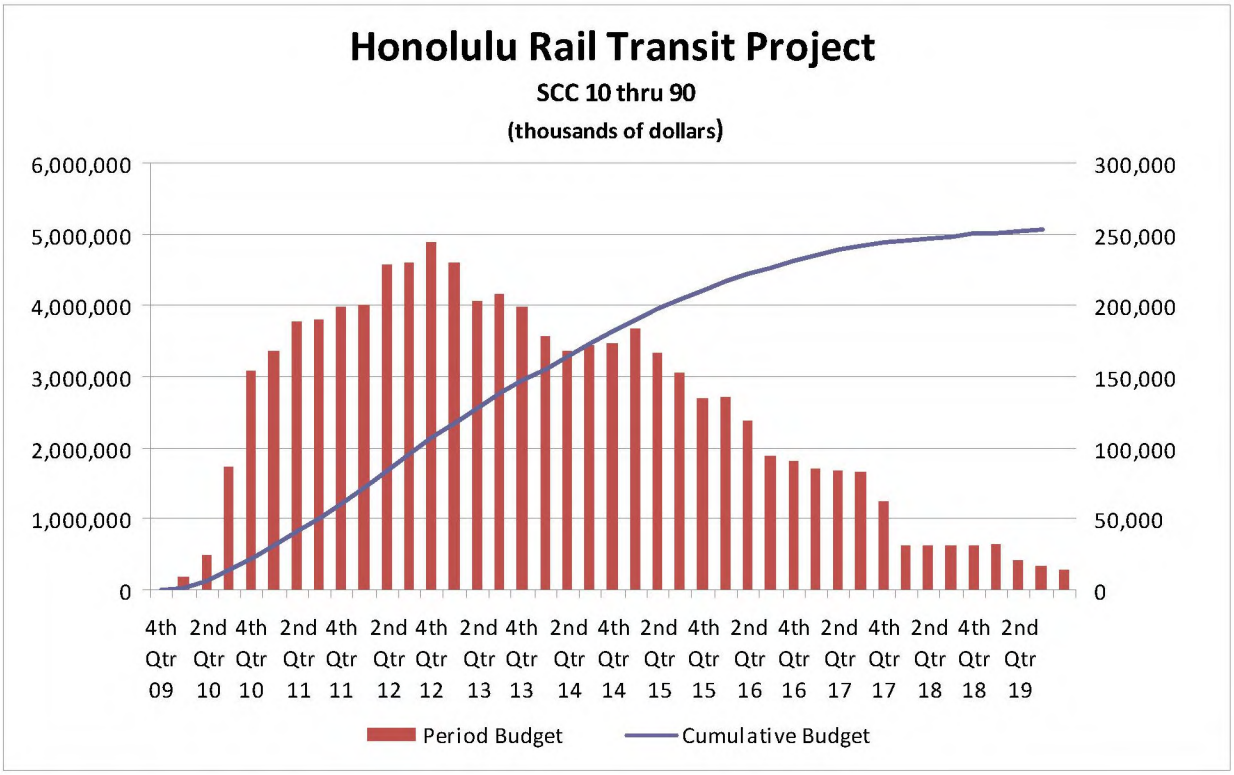
For greater detail please refer to Attachment "B" Master Project Schedule.

AR00073324

12. Cost/Budget Status

All cost data is as of October 29, 2010

Budget



Overall Project Budget by SCC (in $ thousands)

SCC	Description	Year of Expenditure				
		Baseline Budget	Allocated Contingency	Allocated Budget	Incurred to Date	Remaining Budget
10	GUIDEWAY & TRACK ELEMENTS	$1,201,146	$273,930	$1,475,076	$0	$1,475,076
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	$1,014,075	$230,030	$1,244,105	$0	$1,244,105
10.05	Guideway: Built-up fill	$0	$0	$0	$0	$0
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	$7,402	$1,110	$8,512	$0	$8,512
10.09	Track: Direct fixation	$165,062	$39,448	$204,510	$0	$204,510
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)	$11,506	$2,876	$14,382	$0	$14,382
10.13	Track: Vibration and noise dampening	$0	$0	$0	$0	$0

20	STATIONS, STOPS, TERMINALS, INTERMODAL	$311,322	$77,830	$389,152	$0	$389,152
20.01	At-grade station, stop, shelter, mall, terminal, platform	$0	$0	$0	$0	$0
20.02	Aerial station, stop, shelter, mall, terminal, platform	$237,171	$59,293	$296,464	$0	$296,464
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	$74,150	$18,538	$92,688	$0	$92,688
30	SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$110,799	$27,700	$138,499	$0	$138,499
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	$91,819	$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
40	SITEWORK & SPECIAL CONDITIONS	$789,627	$221,691	$1,011,318	$50,314	$961,004
40.01	Demolition, Clearing, Earthwork	$31,397	$10,263	$41,660	$0	$41,660
40.02	Site Utilities, Utility Relocation	$393,617	$130,926	$524,543	$0	$524,543
40.03	Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	$10,985	$3,845	$14,830	$0	$14,830
40.04	Environmental mitigation, e.g. wetlands, historic/archeologic, parks	$16,596	$4,621	$21,217	$1,295	$19,922
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	$1,783	$267	$2,050	$0	$2,050
40.07	Automobile, bus, van accessways including roads, parking lots	$229,244	$55,868	$285,113	$0	$285,113
40.08	Temporary Facilities and other indirect costs during construction	$99,734	$14,960	$114,694	$49,019	$65,674
50	SYSTEMS	$235,999	$59,000	$294,999	$0	$294,999
50.01	Train control and signals	$42,379	$10,595	$52,974	$0	$52,974
50.02	Traffic signals and crossing protection	$29,663	$7,416	$37,079	$0	$37,079
50.03	Traction power supply: substations	$51,415	$12,854	$64,269	$0	$64,269
50.04	Traction power distribution: catenary and third rail	$70,876	$17,719	$88,595	$0	$88,595
50.05	Communications	$25,482	$6,370	$31,852	$0	$31,852
50.06	Fare collection system and equipment	$5,340	$1,335	$6,676	$0	$6,676
50.07	Central Control	$10,844	$2,711	$13,554	$0	$13,554
	Construction Subtotal (10 - 50)	**$2,648,893**	**$660,151**	**$3,309,044**	**$50,314**	**$3,258,730**
60	ROW, LAND, EXISTING IMPROVEMENTS	$85,757	$42,878	$128,635	$2,921	$125,714
60.01	Purchase or lease of real estate	$83,383	$41,692	$125,075	$2,921	$122,154
60.02	Relocation of existing households and businesses	$2,373	$1,187	$3,560	$0	$3,560
70	VEHICLES	$321,633	$77,192	$398,825	$0	$398,825
70.01	Light Rail	$0	$0	$0	$0	$0
70.02	Heavy Rail	$287,086	$68,901	$355,987	$0	$355,987
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
80	PROFESSIONAL SERVICES	$731,811	$183,797	$915,607	$71,965	$843,643
80.01	Preliminary Engineering	$63,704	$8,984	$72,688	$32,853	$39,835

80.02	Final Design	$119,690	$30,560	$150,250	$0	$150,250
80.03	Project Management for Design and Construction	$111,227	$26,212	$137,439	$38,782	$98,656
80.04	Construction Administration & Management	$244,657	$66,057	$310,714	$0	$310,714
80.05	Professional Liability and other Non-Construction Insurance	$41,257	$11,139	$52,397	$0	$52,397
80.06	Legal; Permits; Review Fees by other agencies, cities, etc.	$41,257	$11,139	$52,397	$330	$52,067
80.07	Surveys, Testing, Investigation, Inspection	$13,752	$3,713	$17,466	$0	$17,466
80.08	Start up	$96,267	$25,992	$122,259	$0	$122,259
	Subtotal (10 - 80)	$3,788,093	$964,018	$4,752,111	$125,200	$4,626,911
90	90 UNALLOCATED CONTINGENCY			$305,349		$305,349
	Subtotal (10 - 90)	$3,788,093	$964,018	$5,057,460	$125,200	$4,932,260
100	Finance Charges	$290,294		$290,294		$290,294
	Total Project Cost (10 - 100)	**$4,078,387**	**$964,018**	**$5,347,754**	**$125,200**	**$5,222,554**

Expenditures this Period (in $ thousands):

- Total Expenditures for Sept. 2010 = $7,947
- Total Expenditures for October 2010 = $15,515

Total Remaining Budget (in $ thousands):

- Total Remaining Budget Sept. 2010 = $5,238,051
- Total Remaining Budget October 2010 = $5,222,536

Funding Sources

GET Revenue Collections by Fiscal Year to date

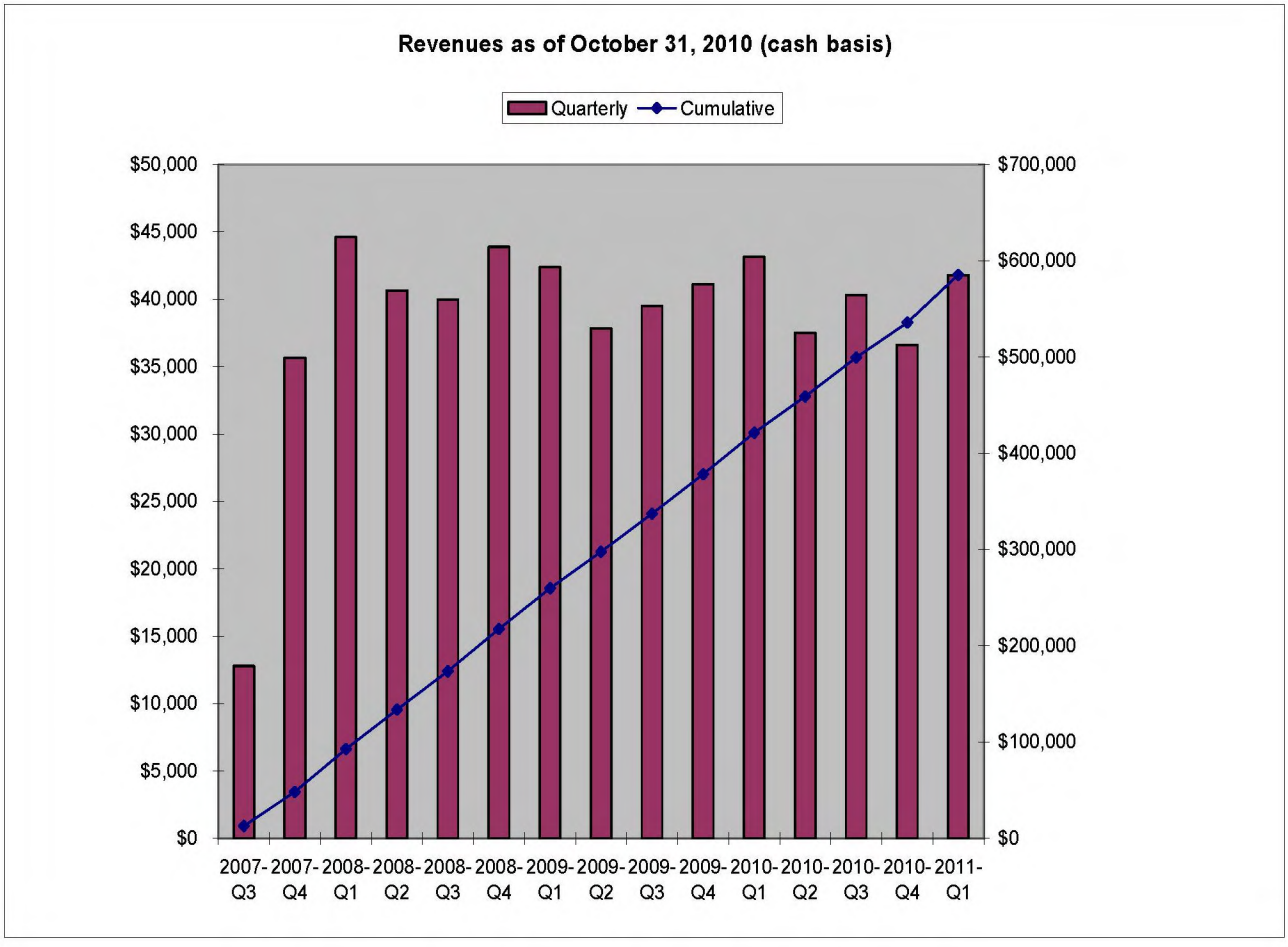
Revenues as of October 31, 2010 (cash basis)

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011*	Total
GET County Surcharge	$ 48,424,383	$ 169,113,552	$ 160,855,727	$ 157,555,320	$ 41,701,315	$ 577,650,298
Investment Revenue	$ 18,098	$ 3,724,229	$ 3,595,915	$ 246,603	$ 70,462	$ 7,655,308
Other Revenue	$ -	$ -	$ 29,748	$ 16,697	$ 1	$ 46,445
TOTAL	$ 48,442,481	$ 172,837,781	$ 164,481,390	$ 157,818,620	$ 41,771,778	$ 585,352,051

*Notes:

(1) Year-to-date amount includes a $29,704 investment income accrual reversal for FY 2010.

(2) GET County Surcharge was deposited into the City's General Fund on 10/29/2010 and was transferred to the Transit Fund on 11/1/2010.



14. Action items

From last FTA-PMOC meeting

Item No.	Item	Responsible Party	Date Identified	Date Due	Date Completed	Status
1	Schedule Safety and Security Workshop	FTA/PMOC	4-Nov-09	11-Mar		Open
2	Draft Environmental Mitigation Monitoring Plan	City	10-Jul	10-Nov	10-Nov-10	Closed
3	City to coordinate meeting with PMOC and State Oversight Agency	City	10-Jul	11-Jan		Open
4	Complete Quality Audit of GEC I PE Products	City	10-Oct	10-Nov		Open
5	Provide PMOC with State Oversight Agency Program Schedule	City	10-Oct	10-Nov		Open
6	Provide Sample FFGA Roadmap	PMOC	10-Oct	10-Nov		Open
7	Provide PMOC with Real Estate Professional Services Request For Proposal	City	10-Oct	10-Nov		Open
8	Provide FTA/PMOC with Transit Authority Resolution	City	10-Nov	10-Nov	4-Nov-10	Closed
9	Provide sample Claims Avoidance Plan	PMOC	10-Nov	10-Nov		Open

15. Acronyms used in this report

BFS	Department of Budget & Fiscal Services
CCB	Change Control Board
CFMP	Configuration Management Plan
CMS	Contract Management System
COR	Department of the Corporation Counsel
CQMP	Construction Quality Management Plan
CSC	Core Systems Contractor
DB	Design Build Contract
DBOM	Design Build Operate Maintain Contract
DHHL	Department of Hawaiian Homelands
DLNR	Department of Land and Natural Resources
DQMP	Design Quality Management Plan
DTS	Department of Transportation Services
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
FEIS	Final Environmental Impact Statement
FFGA	Full Funding Grant Agreement
FTA	Federal Transit Administration
GEC	General Engineering Consultant
GET	General Excise Tax
HAR	Hawaii Administrative Rules
HDOT	Hawaii Department of Transportation
HDR	Henningson, Durham & Richardson (contractor)
HECO	Hawaiian Electric Company
HFD	Honolulu Fire Department
HHCTCP	Honolulu High Capacity Transit Corridor Project
HNTB	Howard, Needles, Tamman & Bergendoff (contractor)
HPD	Honolulu Police Department
JV	Joint Venture
KPC	Kiewit Pacific Company (contractor)
LONP	Letter of No Prejudice
MSF	Maintenance and Storage Facility
NEPA	National Environmental Policy Act
NOA	Notification of Availability
NTP	Notice to Proceed
OCIP	Owner Controlled Insurance Programs
PE	Preliminary Engineering
PE/EIS	Preliminary Engineering/Environmental Impact Statement
PMC	Project Management Services Consultant

PMOC	Program Management Oversight Consultant
PMP	Project Management Plan
QA	Quality Assurance
QA/QC	Quality Assurance and Quality Control
QMP	Quality Management Plan
RAMP	Real Estate Acquisition and Relocation Management Plan
RFC	Request for Change
RFI	Request for Information
RFP	Request for Proposal
ROD	Record of Decision
ROW	Right-of-Way
RTD	Rapid Transit Division
SSCP	Safety and Security Certification Plan
SSMP	Safety and Security Management Plan
SSOO	State Safety Oversight Office
SSORC	Safety and Security Oversight and Review Committee
VE	Value Engineering
WBS	Work Breakdown Structure
WOFH	West Oahu/Farrington Highway Segment

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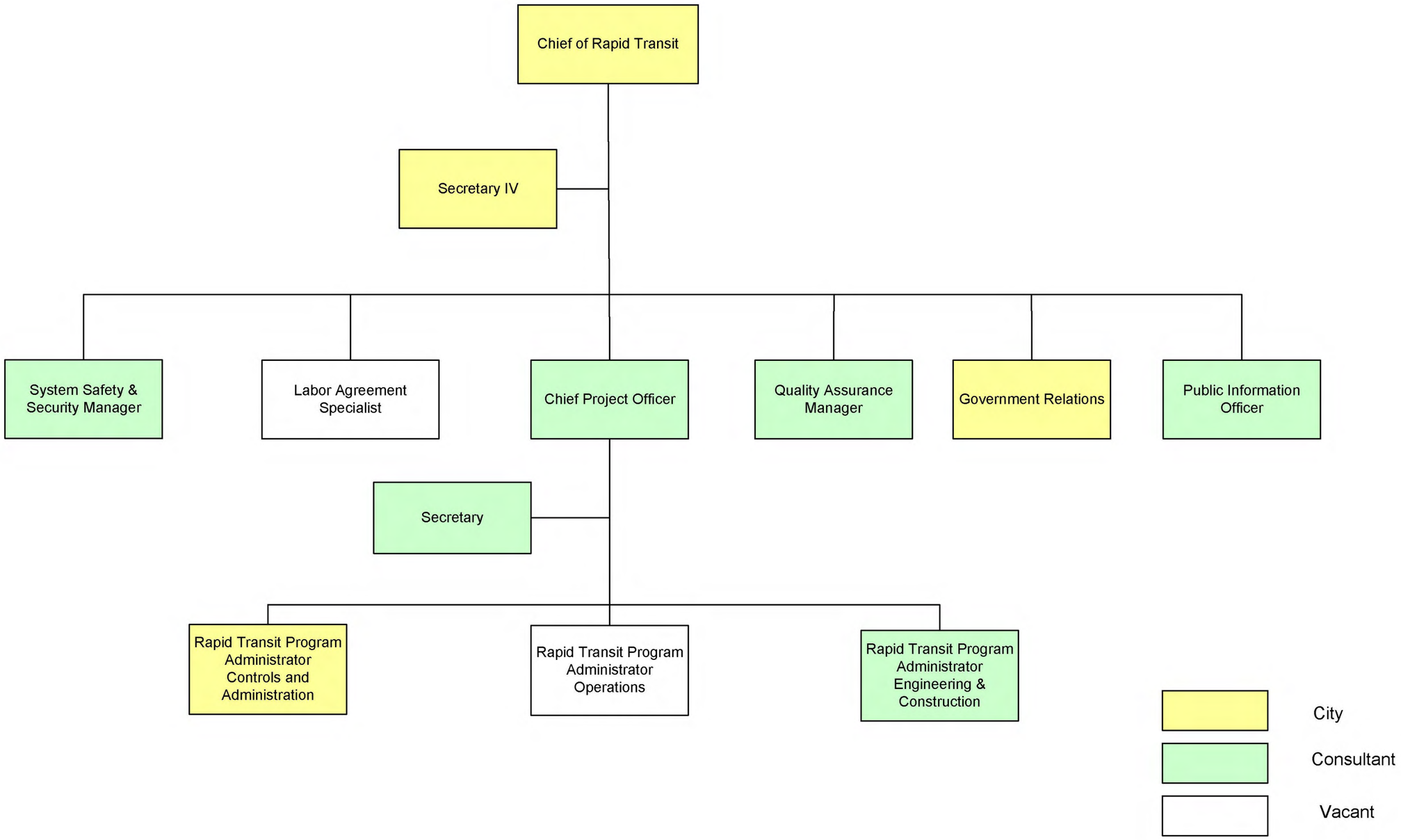
Attachment “A”
DTS-RTD Organizational Chart

Department of Transportation Services
Rapid Transit Division



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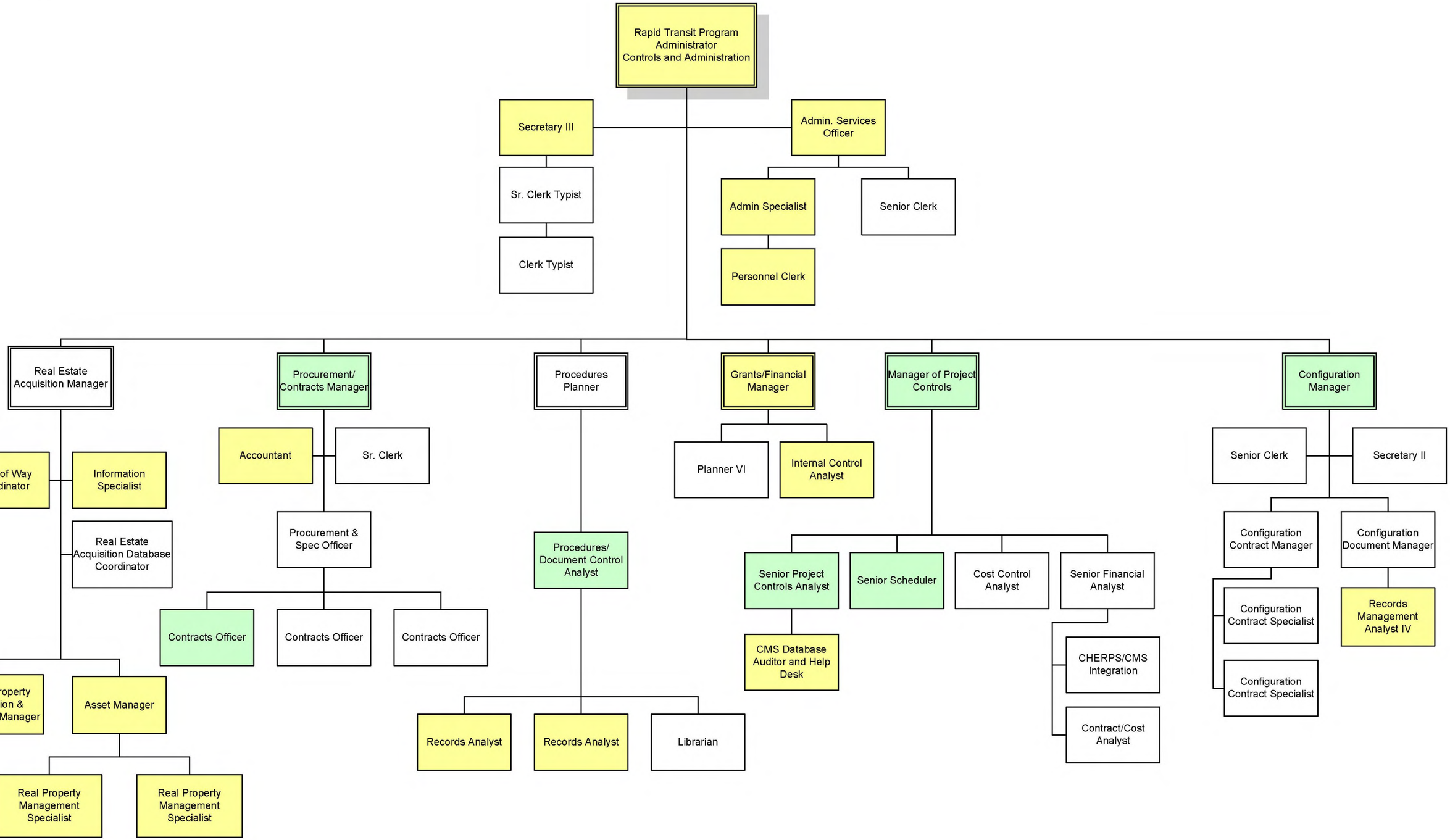
Appendix A

Department of Transportation Services
Rapid Transit Division
Controls & Administration



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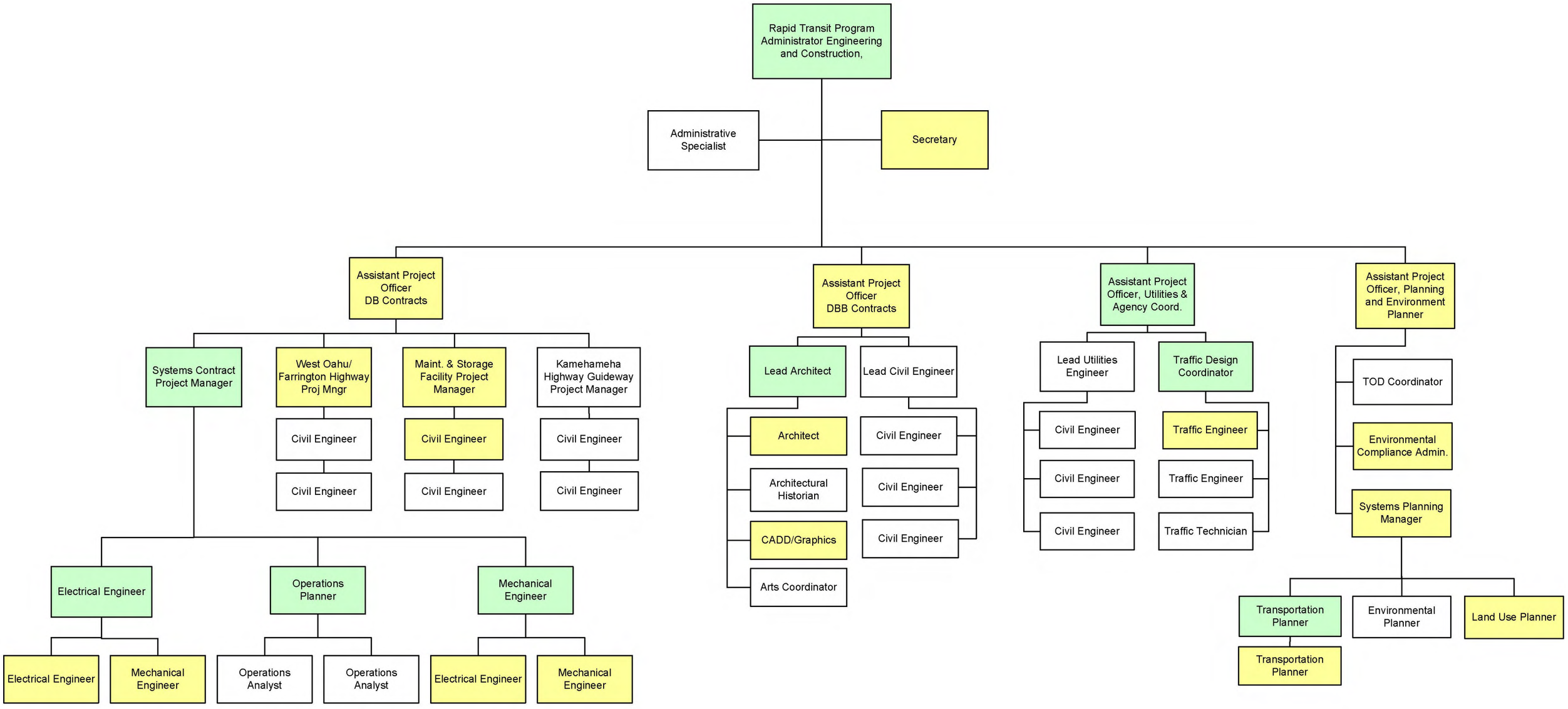
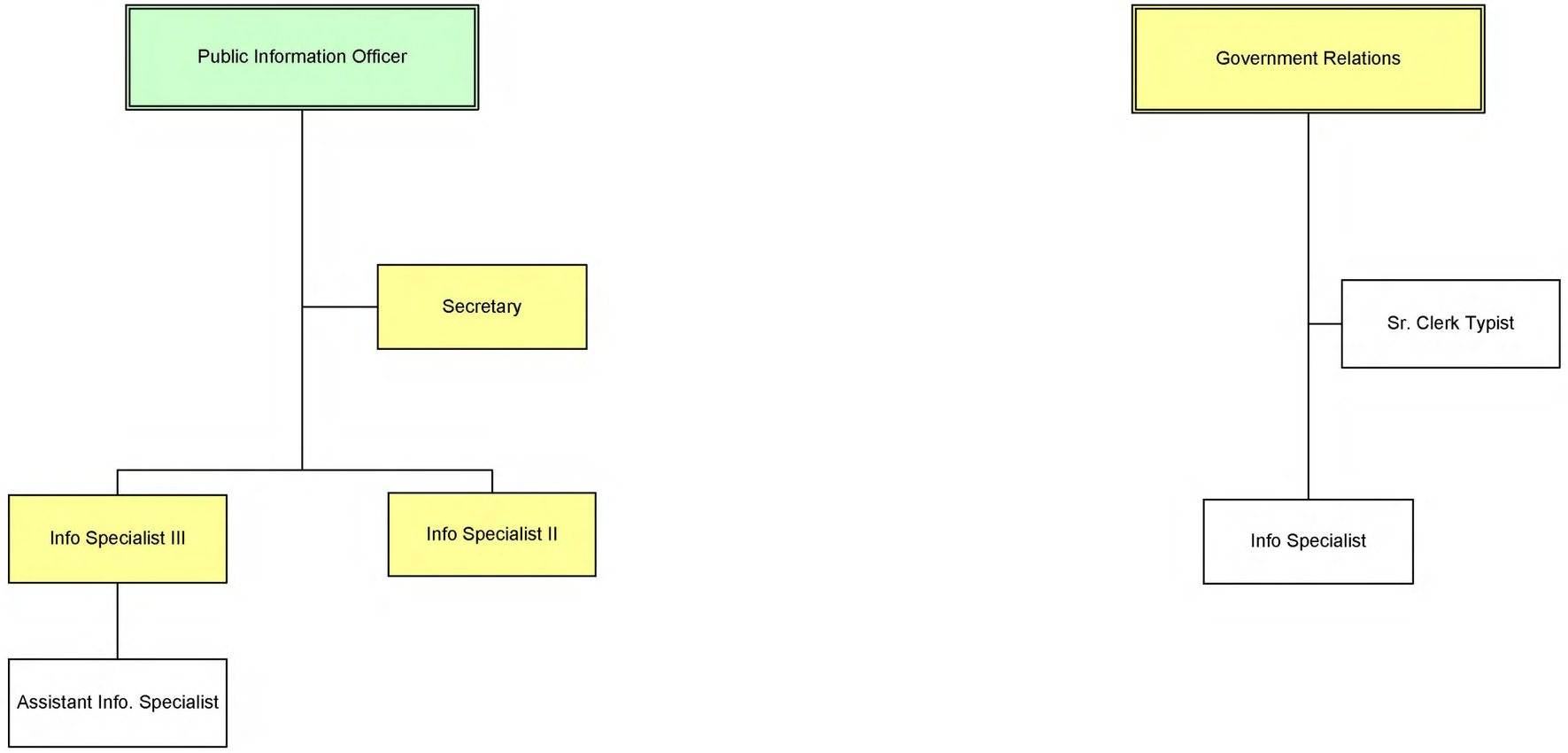
Appendix A

Department of Transportation Services
Rapid Transit Division
Engineering and Construction



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



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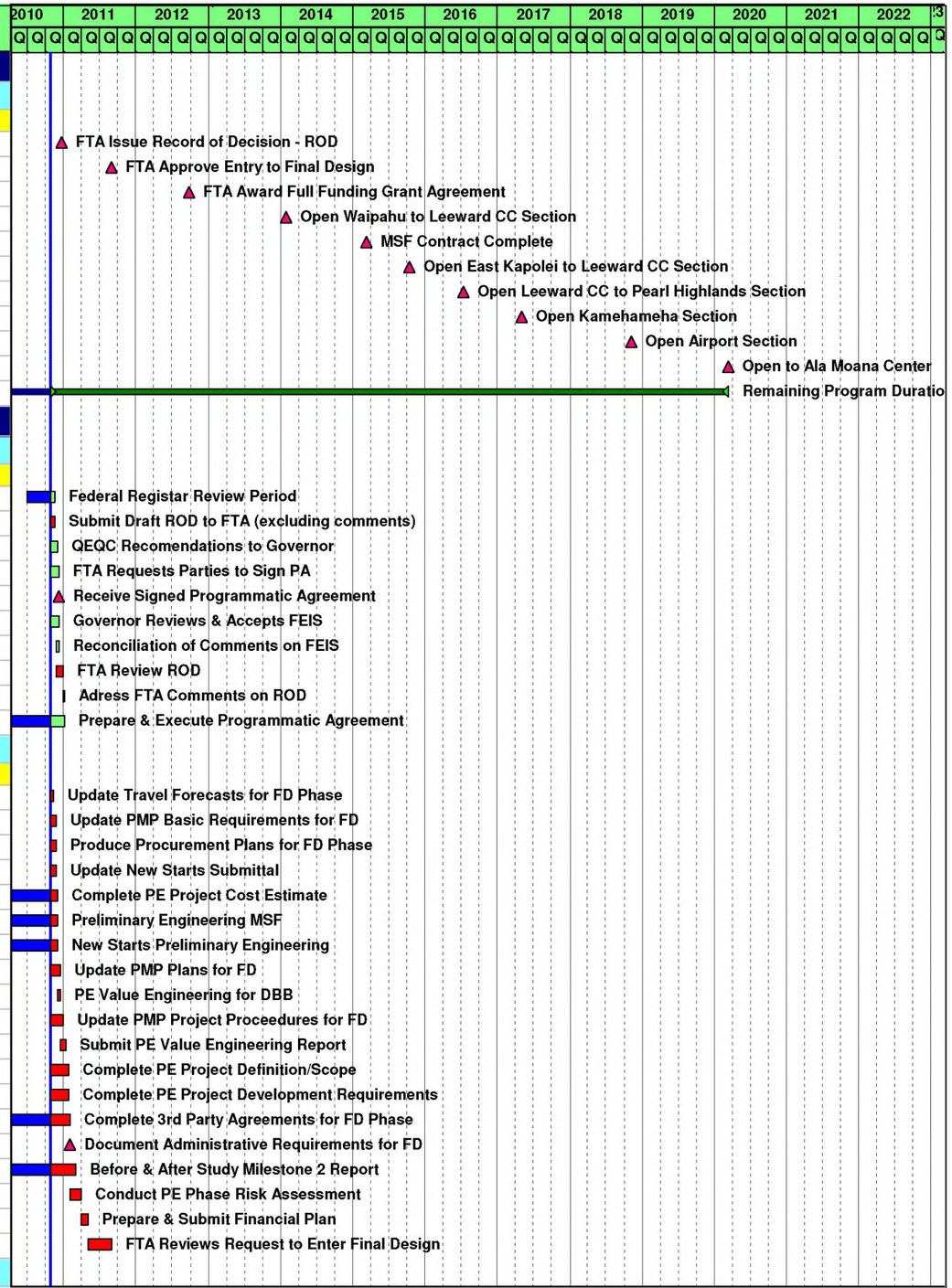
Attachment “B”
Master Project Schedule

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
MASTER PROJECT SCHEDULE MILESTONES		3605	3424	16-Oct-09 A	13-Mar-20	-374
General		3605	3424	16-Oct-09 A	13-Mar-20	-374
~		3605	3424	16-Oct-09 A	13-Mar-20	-374
E300	FTA Issue Record of Decision - ROD	0	0		20-Dec-10*	0
D250	FTA Approve Entry to Final Design	0	0	30-Aug-11		-353
F270	FTA Award Full Funding Grant Agreement	0	0	30-Sep-12		-353
I997	Open Waipahu to Leeward CC Section	0	0		26-Jan-14*	-398
M999	MSF Contract Complete	0	0		09-Mar-15*	-331
I998	Open East Kapolei to Leeward CC Section	0	0		14-Oct-15*	-440
I999	Open Leeward CC to Pearl Highlands Section	0	0		10-Jul-16*	-361
J999	Open Kamehameha Section	0	0		03-May-17*	-92
Z999	Open Airport Section	0	0		10-Nov-18*	-375
9999	Open to Ala Moana Center	0	0		12-Mar-20*	-374
Y240	Remaining Program Duration	3423	3424	16-Oct-09 A	13-Mar-20	-374
EIS		1954	1180	15-Sep-08 A	20-Jan-14	2243
EIS		657	69	18-Mar-09 A	05-Jan-11	3354
~		657	69	18-Mar-09 A	05-Jan-11	3354
E294	Federal Registar Review Period	20	12	28-Jun-10 A	17-Nov-10	9
E302	Submit Draft ROD to FTA (excluding comments)	14	14	29-Oct-10	19-Nov-10	-9
E318	QEQC Recomendations to Governor	20	20	29-Oct-10	30-Nov-10	14
E205	FTA Requests Parties to Sign PA	25	25	29-Oct-10	07-Dec-10	9
E215	Receive Signed Programmatic Agreement	0	0		07-Dec-10	9
E310	Governor Reviews & Accepts FEIS	26	26	29-Oct-10	08-Dec-10	8
E287	Reconciliation of Comments on FEIS	13	13	22-Nov-10	09-Dec-10	7
E296	FTA Review ROD	26	26	22-Nov-10	29-Dec-10	-9
E289	Adress FTA Comments on ROD	5	5	30-Dec-10	03-Jan-11	-14
E165	Prepare & Execute Programmatic Agreement	328	44	18-Mar-09 A	05-Jan-11	2274
Preliminary Engineering		1079	305	15-Sep-08 A	29-Aug-11	-353
~		1079	305	15-Sep-08 A	29-Aug-11	-353
D095	Update Travel Forecasts for FD Phase	10	10	29-Oct-10	07-Nov-10	-268
D110	Update PMP Basic Requirements for FD	30	30	29-Oct-10	27-Nov-10	-288
D130	Produce Procurement Plans for FD Phase	30	30	29-Oct-10	27-Nov-10	-288
D140	Update New Starts Submittal	30	30	29-Oct-10	27-Nov-10	-288
D180	Complete PE Project Cost Estimate	90	31	17-Oct-09 A	28-Nov-10	-334
E190	Preliminary Engineering MSF	184	32	17-Oct-09 A	29-Nov-10	-290
E200	New Starts Preliminary Engineering	325	33	17-Oct-09 A	30-Nov-10	-81
D150	Update PMP Plans for FD	45	45	29-Oct-10	12-Dec-10	-303
E210	PE Value Engineering for DBB	15	15	29-Nov-10	13-Dec-10	-334
D160	Update PMP Project Proceedures for FD	60	60	29-Oct-10	27-Dec-10	-318
D120	Submit PE Value Engineering Report	30	30	14-Dec-10	12-Jan-11	-334
D170	Complete PE Project Definition/Scope	90	90	29-Oct-10	26-Jan-11	-348
D190	Complete PE Project Development Requirements	90	90	29-Oct-10	26-Jan-11	-348
D090	Complete 3rd Party Agreements for FD Phase	561	95	15-Sep-08 A	31-Jan-11	-353
D220	Document Administrative Requirements for FD	0	0	01-Feb-11		-353
D215	Before & After Study Milestone 2 Report	200	127	25-Feb-10 A	04-Mar-11	-175
D230	Conduct PE Phase Risk Assessment	60	60	01-Feb-11	01-Apr-11	-353
D235	Prepare & Submit Financial Plan	30	30	02-Apr-11	01-May-11	-353
D240	FTA Reviews Request to Enter Final Design	120	120	02-May-11	29-Aug-11	-353
Permits		1786	1180	02-Mar-09 A	20-Jan-14	-254



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

Honolulu High - Capacity Transit Corridor Project

Master Project Schedule

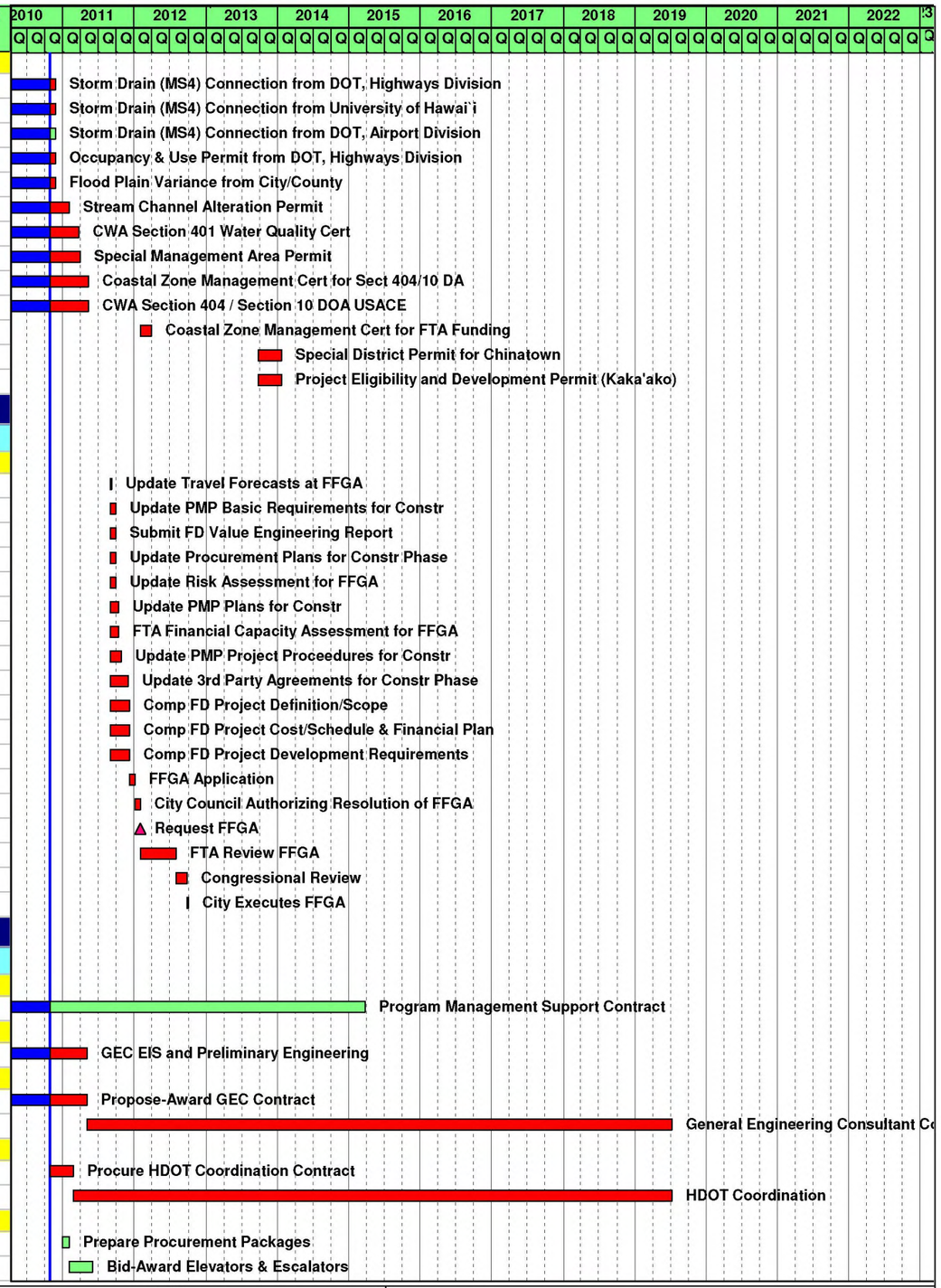
Date : 03-Dec-10

Data Date : 29-Oct-10

HONOLULU RAIL TRANSIT

AR00073338

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
~		1786	1180	02-Mar-09 A	20-Jan-14	-254
E710	Storm Drain (MS4) Connection from DOT, Highways Division	145	30	19-Oct-09 A	27-Nov-10	-355
E720	Storm Drain (MS4) Connection from University of Hawai`i	145	30	19-Oct-09 A	27-Nov-10	-355
E730	Storm Drain (MS4) Connection from DOT, Airport Division	145	30	19-Oct-09 A	27-Nov-10	500
E750	Occupancy & Use Permit from DOT, Highways Division	145	30	19-Oct-09 A	27-Nov-10	-355
E770	Flood Plain Variance from City/County	145	30	19-Oct-09 A	27-Nov-10	-355
E625	Stream Channel Alteration Permit	319	98	15-Jun-09 A	03-Feb-11	-181
E620	CWA Section 401 Water Quality Cert	474	146	13-Apr-09 A	23-Mar-11	-389
E670	Special Management Area Permit	284	155	14-Jun-09 A	01-Apr-11	-398
E650	Coastal Zone Management Cert for Sect 404/10 DA	374	196	10-May-09 A	12-May-11	-279
E610	CWA Section 404 / Section 10 DOA USACE	516	197	02-Mar-09 A	13-May-11	-440
E660	Coastal Zone Management Cert for FTA Funding	54	54	03-Feb-12	27-Mar-12	-167
E810	Special District Permit for Chinatown	120	120	23-Sep-13	20-Jan-14	-254
E820	Project Eligibility and Development Permit (Kaka'ako)	120	120	23-Sep-13	20-Jan-14	-254
FULL FUNDING GRANT AGREEMENT		404	404	30-Aug-11	06-Oct-12	-353
Project Wide		404	404	30-Aug-11	06-Oct-12	-353
~		404	404	30-Aug-11	06-Oct-12	-353
F110	Update Travel Forecasts at FFGA	10	10	30-Aug-11	08-Sep-11	-206
F120	Update PMP Basic Requirements for Constr	30	30	30-Aug-11	28-Sep-11	-226
F130	Submit FD Value Engineering Report	30	30	30-Aug-11	28-Sep-11	-226
F140	Update Procurement Plans for Constr Phase	30	30	30-Aug-11	28-Sep-11	-226
F180	Update Risk Assessment for FFGA	30	30	30-Aug-11	28-Sep-11	-226
F150	Update PMP Plans for Constr	45	45	30-Aug-11	13-Oct-11	-241
F170	FTA Financial Capacity Assessment for FFGA	45	45	30-Aug-11	13-Oct-11	-298
F160	Update PMP Project Proceedures for Constr	60	60	30-Aug-11	28-Oct-11	-256
F100	Update 3rd Party Agreements for Constr Phase	90	90	30-Aug-11	27-Nov-11	-343
F190	Comp FD Project Definition/Scope	100	100	30-Aug-11	07-Dec-11	-353
F200	Comp FD Project Cost/Schedule & Financial Plan	100	100	30-Aug-11	07-Dec-11	-353
F210	Comp FD Project Development Requirements	100	100	30-Aug-11	07-Dec-11	-353
F220	FFGA Application	30	30	08-Dec-11	06-Jan-12	-353
F230	City Council Authorizing Resolution of FFGA	27	27	07-Jan-12	02-Feb-12	-353
F240	Request FFGA	0	0	03-Feb-12		-353
F250	FTA Review FFGA	180	180	03-Feb-12	31-Jul-12	-353
F260	Congressional Review	60	60	01-Aug-12	29-Sep-12	-353
F280	City Executes FFGA	7	7	30-Sep-12	06-Oct-12	-353
PROJECT WIDE CONTRACTS		4409	3247	24-Aug-07 A	18-Sep-19	-198
General		4409	3247	24-Aug-07 A	18-Sep-19	-198
MM900 Program Management Support Consultant		1825	1607	19-Nov-09 A	23-Mar-15	1442
S120	Program Management Support Contract	1825	1607	19-Nov-09 A	23-Mar-15	1442
MM905 General Engineering Consultant Contract (1st)		955	190	24-Aug-07 A	06-May-11	-126
S500	GEC EIS and Preliminary Engineering	955	190	24-Aug-07 A	06-May-11	-126
MM910 General Engineering Consultant Contract (2nd)		3596	3175	03-Sep-09 A	08-Jul-19	-126
V100	Propose-Award GEC Contract	212	190	03-Sep-09 A	06-May-11	-126
V120	General Engineering Consultant Contract	2985	2985	07-May-11	08-Jul-19	-126
MM920 HDOT Coordination Contract		3175	3175	29-Oct-10	08-Jul-19	-126
HD10	Procure HDOT Coordination Contract	120	120	29-Oct-10	25-Feb-11	-126
HD20	HDOT Coordination	3055	3055	26-Feb-11	08-Jul-19	-126
MI930 Elevators & Escalators P/I/T/C		3045	3045	01-Jan-11	03-May-19	-330
L120	Prepare Procurement Packages	30	30	01-Jan-11*	30-Jan-11	165
L100	Bid-Award Elevators & Escalators	120	120	31-Jan-11	30-May-11	165



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

Honolulu High - Capacity Transit Corridor Project

Master Project Schedule

Date : 03-Dec-10

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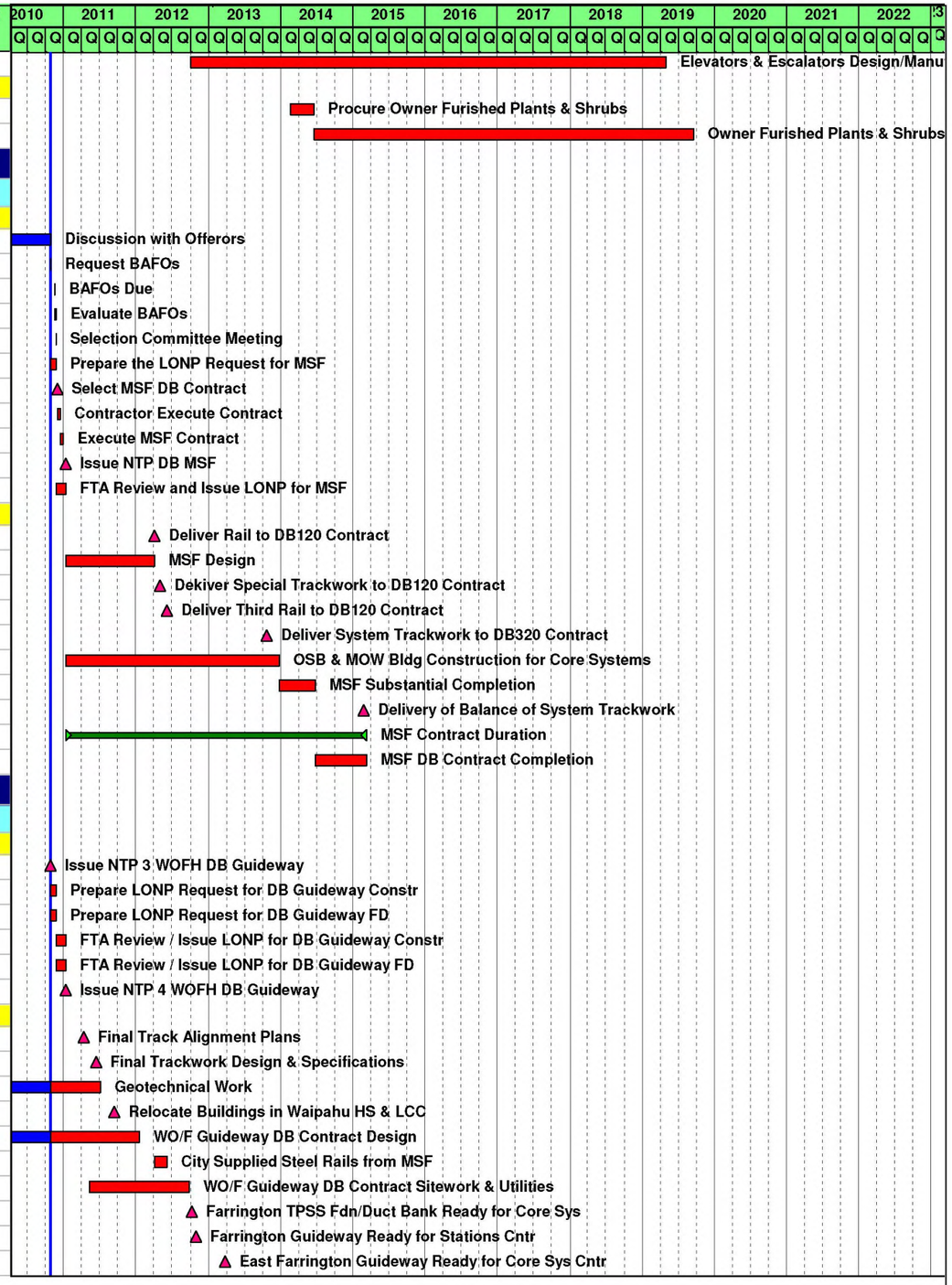
HONOLULU RAIL TRANSIT

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
L110	Elevators & Escalators Design/Manufacture/Test	2400	2400	07-Oct-12	03-May-19	-330
OF950 Owner Furnished Plants and Shrubs		2035	2035	22-Feb-14	18-Sep-19	-198
OF10	Procure Owner Furished Plants & Shrubs	120	120	22-Feb-14	22-Jun-14	-198
OF20	Owner Furished Plants & Shrubs	1915	1915	22-Jun-14	18-Sep-19	-198
MAINTENANCE & STORAGE FACILITY CONTRACT		1807	1593	25-Mar-10 A	09-Mar-15	-331
Maintenance Storage Facility		1807	1593	25-Mar-10 A	09-Mar-15	-331
PE200 Procurement MSF DB Contract		289	75	25-Mar-10 A	11-Jan-11	-329
P548	Discussion with Offerors	4	1	25-Mar-10 A	29-Oct-10	-215
P550	Request BAFOs	1	1	29-Oct-10	29-Oct-10	-215
P552	BAFOs Due	1	1	15-Nov-10	15-Nov-10	-215
P554	Evaluate BAFOs	5	5	16-Nov-10	22-Nov-10	-215
P556	Selection Committee Meeting	3	3	23-Nov-10	26-Nov-10	-215
P670	Prepare the LONP Request for MSF	30	30	29-Oct-10	27-Nov-10	-329
P640	Select MSF DB Contract	0	0	30-Nov-10		-215
P642	Contractor Execute Contract	10	10	30-Nov-10	13-Dec-10	-215
P645	Execute MSF Contract	10	10	14-Dec-10	28-Dec-10	-215
P685	Issue NTP DB MSF	0	0	11-Jan-11		-223
P675	FTA Review and Issue LONP for MSF	45	45	28-Nov-10	11-Jan-11	-329
DB200 Maintenance Storage Facility DB Contract		1519	1519	11-Jan-11	09-Mar-15	-331
M200	Deliver Rail to DB120 Contract	0	0		02-Apr-12	-303
M100	MSF Design	450	450	11-Jan-11	04-Apr-12	-331
M220	Dekiver Special Trackwork to DB120 Contract	0	0		03-May-12	-303
M240	Deliver Third Rail to DB120 Contract	0	0		03-Jun-12	-303
M510	Deliver System Trackwork to DB320 Contract	0	0		26-Oct-13	-272
M500	OSB & MOW Bldg Construction for Core Systems	1079	1079	11-Jan-11	24-Dec-13	-331
M600	MSF Substantial Completion	183	183	25-Dec-13	25-Jun-14	-331
M799	Delivery of Balance of System Trackwork	0	0		23-Feb-15	-317
P695	MSF Contract Duration	1519	1519	11-Jan-11	09-Mar-15	-331
M700	MSF DB Contract Completion	257	257	26-Jun-14	09-Mar-15	-331
GUIDEWAY CONTRACTS		3755	3423	01-Dec-09 A	13-Mar-20	0
West Oahu/Farrington Guideway SEC 1A SB,C		1754	1422	01-Dec-09 A	19-Sep-14	-440
PE120 Procurement WOFH Guideway DB		75	75	29-Oct-10	12-Jan-11	-318
P408	Issue NTP 3 WOFH DB Guideway	0	0	29-Oct-10		-325
P270	Prepare LONP Request for DB Guideway Constr	30	30	29-Oct-10	27-Nov-10	-318
P250	Prepare LONP Request for DB Guideway FD	30	30	29-Oct-10	27-Nov-10	-400
P280	FTA Review / Issue LONP for DB Guideway Constr	45	45	28-Nov-10	11-Jan-11	-318
P260	FTA Review / Issue LONP for DB Guideway FD	45	45	28-Nov-10	11-Jan-11	-400
P390	Issue NTP 4 WOFH DB Guideway	0	0	12-Jan-11		-270
DB120 W. Oahu / Farrington Guideway DB Contract		1754	1422	01-Dec-09 A	19-Sep-14	-440
W140	Final Track Alignment Plans	0	0		13-Apr-11	-189
W150	Final Trackwork Design & Specifications	0	0		14-Jun-11	-251
W105	Geotechnical Work	325	254	11-Mar-10 A	09-Jul-11	-243
W160	Relocate Buildings in Waipahu HS & LCC	0	0		13-Sep-11	95
W100	WO/F Guideway DB Contract Design	576	444	01-Dec-09 A	15-Jan-12	-262
W130	City Supplied Steel Rails from MSF	63	63	03-Apr-12*	04-Jun-12	-303
W110	WO/F Guideway DB Contract Sitework & Utilities	500	500	14-May-11	24-Sep-12	-440
W170	Farrington TPSS Fdn/Duct Bank Ready for Core Sys	0	0		12-Oct-12	-300
W180	Farrington Guideway Ready for Stations Cntr	0	0		28-Oct-12	-398
W190	East Farrington Guideway Ready for Core Sys Cntr	0	0		28-Mar-13	-370



Remaining Level of Effort
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Honolulu High - Capacity Transit Corridor Project

Master Project Schedule

Date : 03-Dec-10

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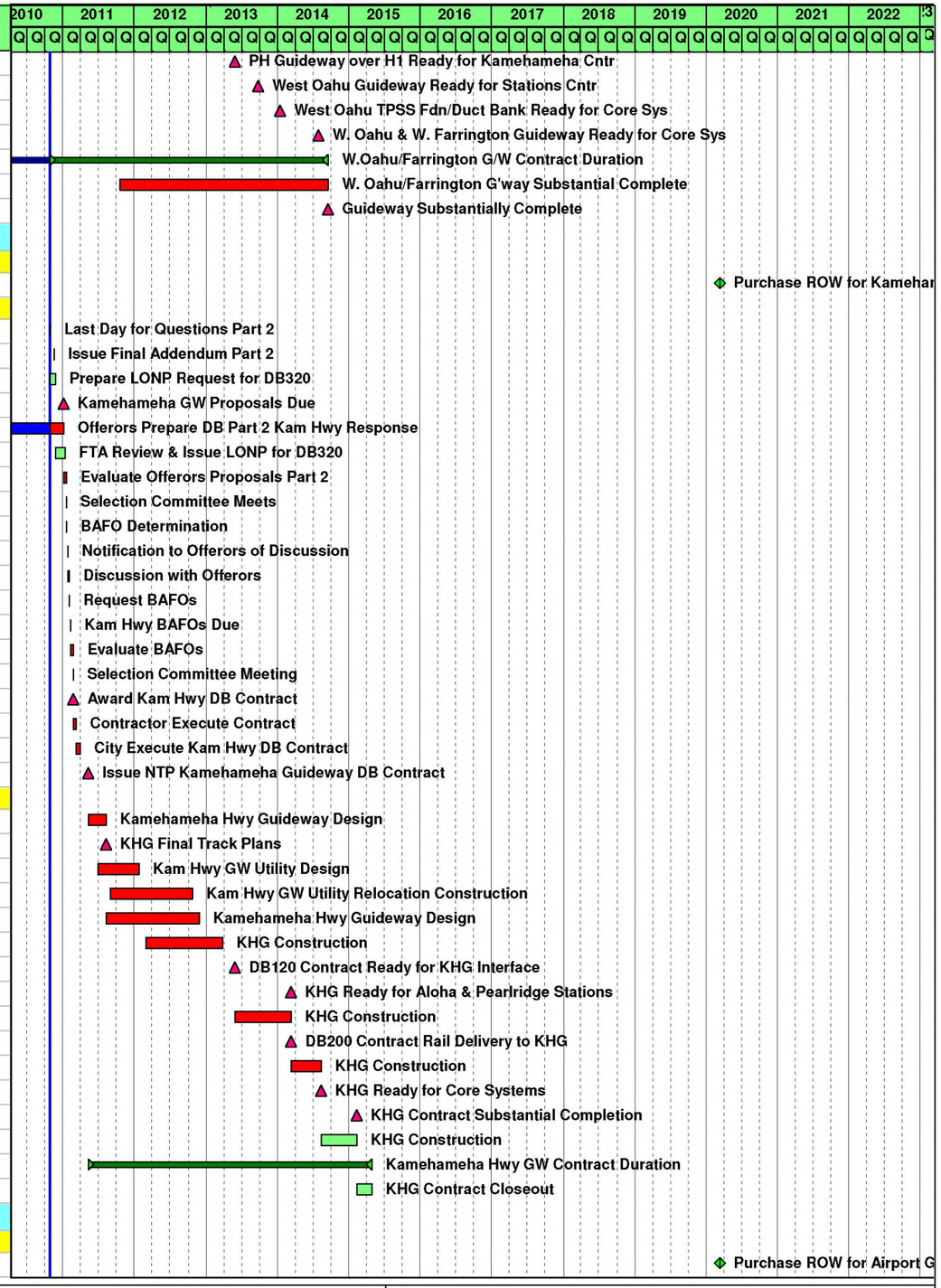
HONOLULU RAIL TRANSIT

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
W200	PH Guideway over H1 Ready for Kamehameha Cntr	0	0		27-May-13	-276
W210	West Oahu Guideway Ready for Stations Cntr	0	0		26-Sep-13	-398
W220	West Oahu TPSS Fdn/Duct Bank Ready for Core Sys	0	0		12-Jan-14	-400
W230	W. Oahu & W. Farrington Guideway Ready for Core Sys	0	0		27-Jul-14	-386
W250	W.Oahu/Farrington G/W Contract Duration	1467	1422	01-Dec-09 A	19-Sep-14	-440
W120	W. Oahu/Farrington G'way Substantial Complete	1065	1065	21-Oct-11	19-Sep-14	-440
W240	Guideway Substantially Complete	0	0		19-Sep-14	-440
Kamehameha Guideway SEC 1B		3668	3423	19-Mar-10 A	13-Mar-20	0
ROW Right-of-Way Acqusition		0	0	13-Mar-20	13-Mar-20	0
KA19	Purchase ROW for Kamehameha Guideway	0	0	13-Mar-20	13-Mar-20	0
PE320 Procurement Kamehameha Guideway DB		441	196	19-Mar-10 A	13-May-11	-32
K142	Last Day for Questions Part 2	1	1	29-Oct-10	29-Oct-10	17
K122	Issue Final Addendum Part 2	1	1	15-Nov-10	15-Nov-10	17
K105	Prepare LONP Request for DB320	30	30	29-Oct-10	27-Nov-10	89
K111	Kamehameha GW Proposals Due	0	0		06-Jan-11	-35
K112	Offerors Prepare DB Part 2 Kam Hwy Response	120	70	19-Mar-10 A	06-Jan-11	-35
K107	FTA Review & Issue LONP for DB320	45	45	28-Nov-10	11-Jan-11	89
K113	Evaluate Offerors Proposals Part 2	9	9	07-Jan-11	20-Jan-11	-23
K116	Selection Committee Meets	1	1	21-Jan-11	21-Jan-11	-23
K121	BAFO Determination	1	1	21-Jan-11	21-Jan-11	-23
K123	Notification to Offerors of Discussion	1	1	24-Jan-11	24-Jan-11	-23
K124	Discussion with Offerors	7	7	25-Jan-11	02-Feb-11	-23
P1060	Request BAFOs	1	1	03-Feb-11	03-Feb-11	-23
P1070	Kam Hwy BAFOs Due	1	1	10-Feb-11	10-Feb-11	-23
P1080	Evaluate BAFOs	7	7	11-Feb-11	22-Feb-11	-23
P1090	Selection Committee Meeting	2	2	23-Feb-11	24-Feb-11	-23
P1100	Award Kam Hwy DB Contract	0	0	25-Feb-11		-23
P1110	Contractor Execute Contract	10	10	25-Feb-11	10-Mar-11	-23
P1120	City Execute Kam Hwy DB Contract	12	12	11-Mar-11	29-Mar-11	-23
K115	Issue NTP Kamehameha Guideway DB Contract	0	0	13-May-11		-23
DB320 Kamehameha Guideway DB Contract		1447	1447	13-May-11	28-Apr-15	644
K110	Kamehameha Hwy Guideway Design	93	93	13-May-11	13-Aug-11	-32
K129	KHG Final Track Plans	0	0		13-Aug-11	-32
K120	Kam Hwy GW Utility Design	210	210	02-Jul-11	27-Jan-12	-32
K200	Kam Hwy GW Utility Relocation Construction	420	420	31-Aug-11	23-Oct-12	-32
K130	Kamehameha Hwy Guideway Design	472	472	14-Aug-11	27-Nov-12	-32
K210	KHG Construction	396	396	27-Feb-12	28-Mar-13	-32
K299	DB120 Contract Ready for KHG Interface	0	0		27-May-13	-92
K398	KHG Ready for Aloha & Pearlridge Stations	0	0		12-Mar-14	-92
K300	KHG Construction	289	289	28-May-13	12-Mar-14	-92
K399	DB200 Contract Rail Delivery to KHG	0	0		12-Mar-14	-92
K400	KHG Construction	153	153	13-Mar-14	12-Aug-14	-92
K499	KHG Ready for Core Systems	0	0		12-Aug-14	-92
K599	KHG Contract Substantial Completion	0	0		10-Feb-15	644
K500	KHG Construction	182	182	13-Aug-14	10-Feb-15	644
K117	Kamehameha Hwy GW Contract Duration	1447	1447	13-May-11	28-Apr-15	644
K900	KHG Contract Closeout	77	77	11-Feb-15	28-Apr-15	644
Airport Guideway SEC 2 SJ		3423	3423	29-Oct-10	13-Mar-20	0
ROW Right-of-Way Acqusition		0	0	13-Mar-20	13-Mar-20	0
AP19	Purchase ROW for Airport Guideway & Stations	0	0	13-Mar-20	13-Mar-20	0



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Honolulu High - Capacity Transit Corridor Project

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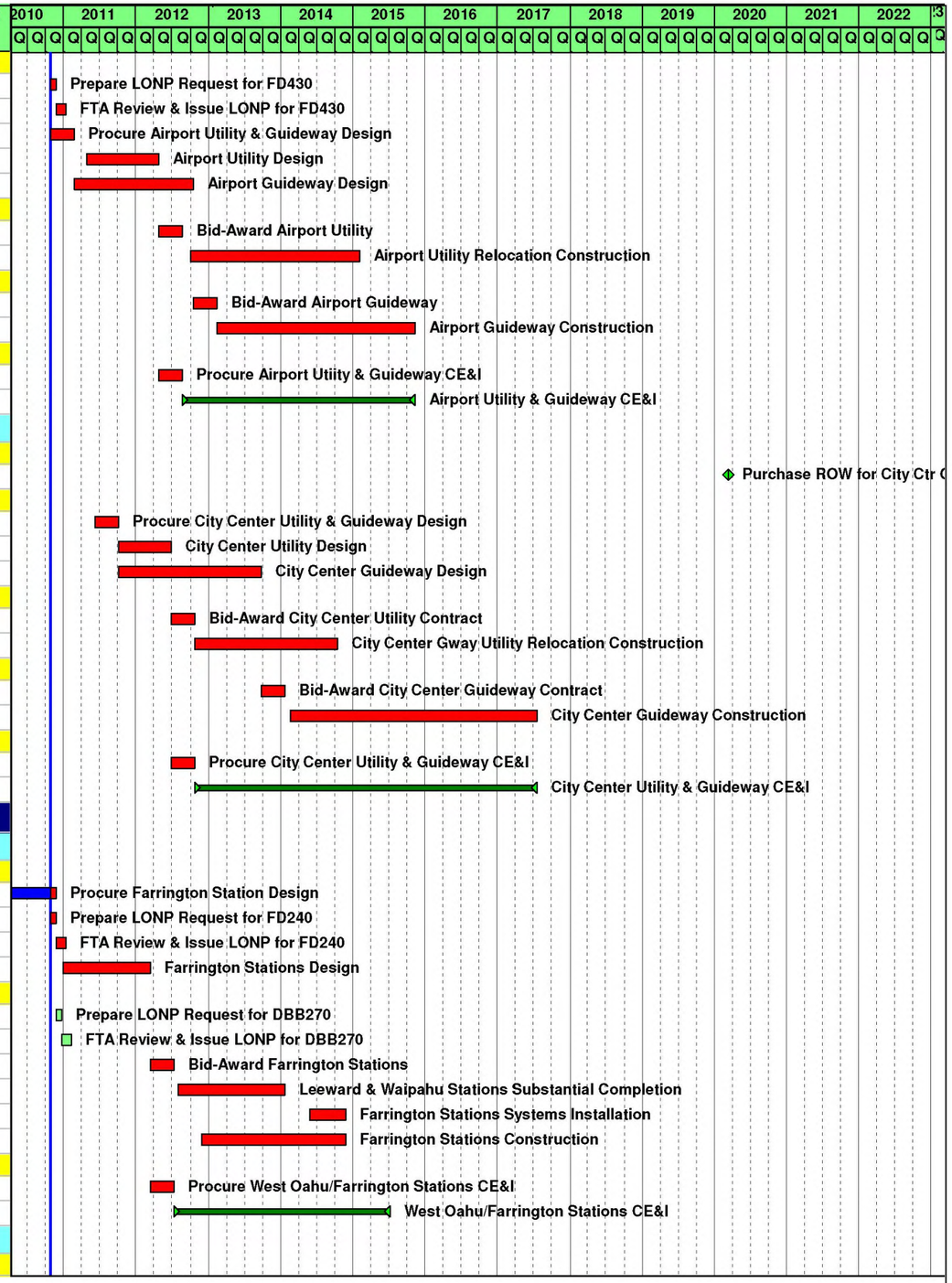
HONOLULU RAIL TRANSIT

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
FD430	Airport Guideway & Utility Design	720	720	29-Oct-10	17-Oct-12	-310
G100	Prepare LONP Request for FD430	30	30	29-Oct-10	27-Nov-10	-330
G110	FTA Review & Issue LONP for FD430	45	45	28-Nov-10	11-Jan-11	-330
G120	Procure Airport Utility & Guideway Design	120	120	29-Oct-10	25-Feb-11	-375
G130	Airport Utility Design	365	365	27-Apr-11	25-Apr-12	-135
G140	Airport Guideway Design	600	600	26-Feb-11	17-Oct-12	-375
DBB450	Airport Utility Relocations Contract	1014	1014	26-Apr-12	03-Feb-15	-179
G220	Bid-Award Airport Utility	120	120	26-Apr-12	23-Aug-12	-135
G230	Airport Utility Relocation Construction	850	850	07-Oct-12	03-Feb-15	-179
DBB460	Airport Guideway Construction Contract	1120	1120	18-Oct-12	11-Nov-15	-260
G300	Bid-Award Airport Guideway	120	120	18-Oct-12	14-Feb-13	-375
G310	Airport Guideway Construction	1000	1000	15-Feb-13	11-Nov-15	-260
MM480	Airport Utility & Guideway CE&I	1295	1295	26-Apr-12	11-Nov-15	-260
G750	Procure Airport Utiity & Guideway CE&I	120	120	26-Apr-12	23-Aug-12	-135
G800	Airport Utility & Guideway CE&I	1175	1175	24-Aug-12	11-Nov-15	-260
City Center Guideway SEC 3 SE,G		3203	3203	06-Jun-11	13-Mar-20	0
ROW	Right-of-Way Acqusition	0	0	13-Mar-20	13-Mar-20	0
CC19	Purchase ROW for City Ctr Guidway & Stations	0	0	13-Mar-20	13-Mar-20	0
FD530	City Center Guideway & Utility Design	840	840	06-Jun-11	22-Sep-13	-374
C100	Procure City Center Utility & Guideway Design	120	120	06-Jun-11	03-Oct-11	-374
C110	City Center Utility Design	270	270	04-Oct-11	29-Jun-12	-374
C120	City Center Guideway Design	720	720	04-Oct-11	22-Sep-13	-374
DBB550	City Center Utility Relocations Contract	840	840	30-Jun-12	17-Oct-14	-374
C200	Bid-Award City Center Utility Contract	120	120	30-Jun-12	27-Oct-12	-374
C210	City Center Gway Utility Relocation Construction	720	720	28-Oct-12	17-Oct-14	-374
DBB560	City Center Guideway Construction Contract	1393	1393	23-Sep-13	16-Jul-17	-374
C300	Bid-Award City Center Guideway Contract	120	120	23-Sep-13	20-Jan-14	-374
C310	City Center Guideway Construction	1241	1241	22-Feb-14	16-Jul-17	-374
MM580	City Center Segment Utility & Guideway CE&I	1843	1843	30-Jun-12	16-Jul-17	-374
C750	Procure City Center Utility & Guideway CE&I	120	120	30-Jun-12	27-Oct-12	-374
C800	City Center Utility & Guideway CE&I	1723	1723	28-Oct-12	16-Jul-17	-374
STATION CONTRACTS		3804	3423	13-Oct-09 A	13-Mar-20	0
Farrington Station SEC 1 SC		2097	1716	13-Oct-09 A	10-Jul-15	-440
FD240	Farrington Stations (3) Design	884	503	13-Oct-09 A	14-Mar-12	-380
R120	Procure Farrington Station Design	137	26	13-Oct-09 A	23-Nov-10	-343
R100	Prepare LONP Request for FD240	30	30	29-Oct-10	27-Nov-10	-380
R110	FTA Review & Issue LONP for FD240	45	45	28-Nov-10	11-Jan-11	-380
R130	Farrington Stations Design	440	440	31-Dec-10	14-Mar-12	-380
DBB270	Farrington Station Construction Contract	1464	1464	24-Nov-10	26-Nov-14	-387
R201	Prepare LONP Request for DBB270	30	30	24-Nov-10	23-Dec-10	142
R202	FTA Review & Issue LONP for DBB270	45	45	24-Dec-10	06-Feb-11	142
R200	Bid-Award Farrington Stations	120	120	15-Mar-12	12-Jul-12	-380
R210	Leeward & Waipahu Stations Substantial Completion	540	540	31-Jul-12	21-Jan-14	-398
R260	Farrington Stations Systems Installation	180	180	30-May-14	25-Nov-14	-387
R250	Farrington Stations Construction	731	731	26-Nov-12	26-Nov-14	-387
MM180	W. Oahu/Farrington Stations CE&I	1213	1213	15-Mar-12	10-Jul-15	-440
R750	Procure West Oahu/Farrington Stations CE&I	120	120	15-Mar-12	12-Jul-12	-380
R800	West Oahu/Farrington Stations CE&I	1093	1093	13-Jul-12	10-Jul-15	-440
West Oahu Station SEC 1A SB		3711	3423	14-Jan-10 A	13-Mar-20	0
ROW	Right-of-Way Acqusition	0	0	13-Mar-20	13-Mar-20	0



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Honolulu High - Capacity Transit Corridor Project

Master Project Schedule

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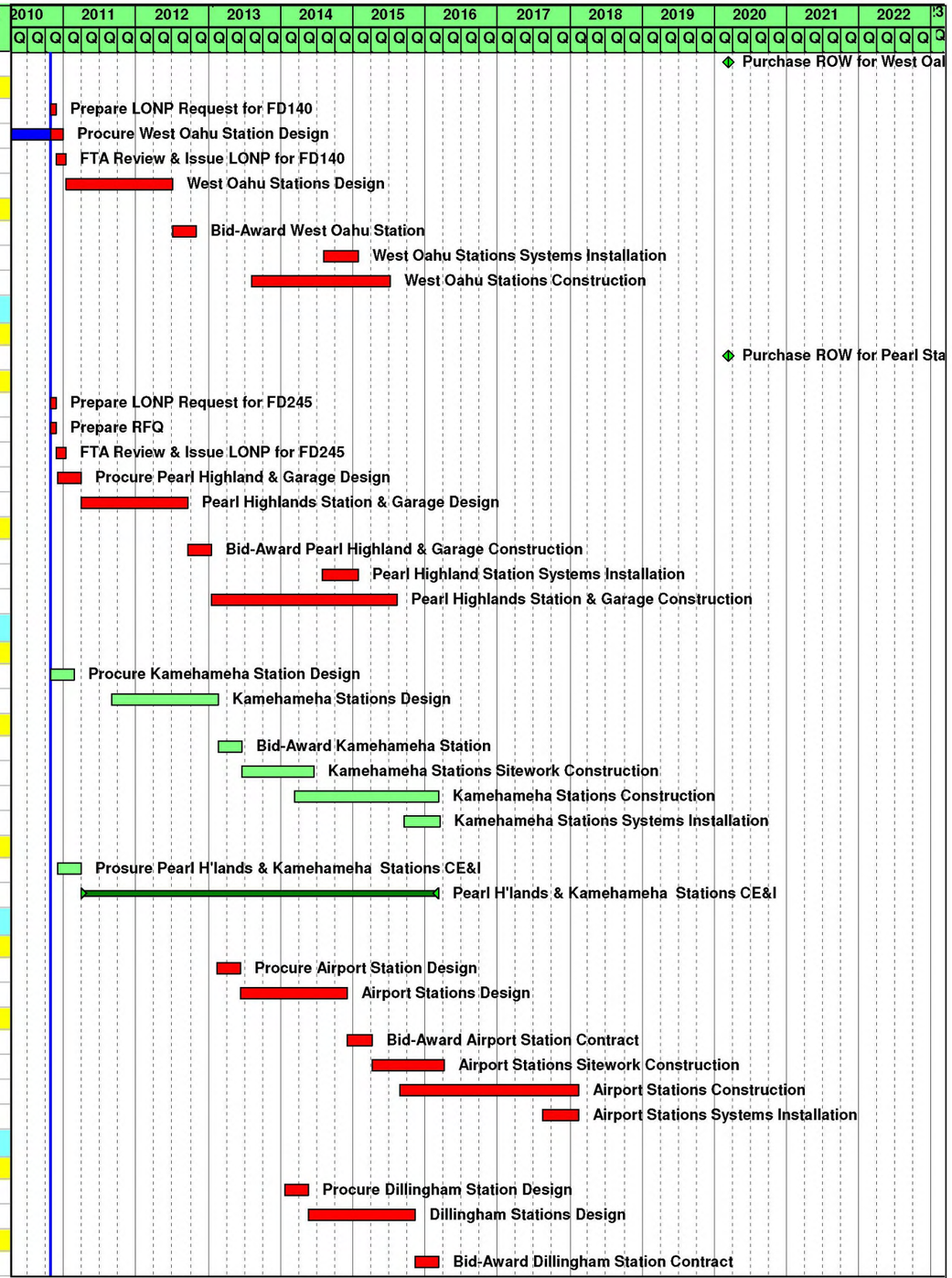
HONOLULU RAIL TRANSIT

AR00073342

Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
WO20	Purchase ROW for West Oahu Stations	0	0	13-Mar-20	13-Mar-20	0
FD140 West Oahu Stations (3) Design		903	615	14-Jan-10 A	04-Jul-12	-159
X130	Prepare LONP Request for FD140	30	30	29-Oct-10	27-Nov-10	-159
X100	Procure West Oahu Station Design	120	60	14-Jan-10 A	27-Dec-10	-144
X140	FTA Review & Issue LONP for FD140	45	45	28-Nov-10	11-Jan-11	-159
X110	West Oahu Stations Design	540	540	12-Jan-11	04-Jul-12	-159
DBB170 West Oahu Station Construction Contract		1101	1101	05-Jul-12	10-Jul-15	-440
X200	Bid-Award West Oahu Station	120	120	05-Jul-12	01-Nov-12	-159
X220	West Oahu Stations Systems Installation	180	180	05-Aug-14	31-Jan-15	-440
X210	West Oahu Stations Construction	700	700	10-Aug-13	10-Jul-15	-440
Pearl Highlands Station Group 1		3423	3423	29-Oct-10	13-Mar-20	0
ROW Right-of-Way Acqusition		0	0	13-Mar-20	13-Mar-20	0
PH19	Purchase ROW for Pearl Sta, Ramps, Garage	0	0	13-Mar-20	13-Mar-20	0
FD245A Pearl Highlands Station Design		693	693	29-Oct-10	20-Sep-12	-102
R300	Prepare LONP Request for FD245	30	30	29-Oct-10	27-Nov-10	-24
R340	Prepare RFQ	30	30	29-Oct-10	27-Nov-10	-102
R310	FTA Review & Issue LONP for FD245	45	45	28-Nov-10	11-Jan-11	-24
R320	Procure Pearl Highland & Garage Design	120	120	01-Dec-10	30-Mar-11	-102
R330	Pearl Highlands Station & Garage Design	540	540	31-Mar-11	20-Sep-12	-102
DBB275A Pearl Highlands Station Contract		1055	1055	21-Sep-12	11-Aug-15	-102
R400	Bid-Award Pearl Highland & Garage Construction	120	120	21-Sep-12	18-Jan-13	-102
R420	Pearl Highland Station Systems Installation	180	180	02-Aug-14	28-Jan-15	-102
R410	Pearl Highlands Station & Garage Construction	935	935	19-Jan-13	11-Aug-15	-102
Kamehameha Station SEC 1B SD		1966	1966	29-Oct-10	16-Mar-16	1457
FD340 Kamehameha Stations (2) Design		845	845	29-Oct-10	19-Feb-13	172
J100	Procure Kamehameha Station Design	120	120	29-Oct-10	25-Feb-11	357
J110	Kamehameha Stations Design	540	540	30-Aug-11	19-Feb-13	172
DBB370 Kamehameha Stations Construction Contract		1121	1121	20-Feb-13	16-Mar-16	71
J200	Bid-Award Kamehameha Station	120	120	20-Feb-13	19-Jun-13	172
J210	Kamehameha Stations Sitework Construction	365	365	20-Jun-13	19-Jun-14	172
J220	Kamehameha Stations Construction	730	730	13-Mar-14	11-Mar-16	71
J230	Kamehameha Stations Systems Installation	180	180	19-Sep-15	16-Mar-16	71
MM380 Pearl Highlands & Kamehameha Stations CE&I		1928	1928	01-Dec-10	11-Mar-16	1462
J750	Prosure Pearl H'lands & Kamehameha Stations CE&I	120	120	01-Dec-10	30-Mar-11	3270
J800	Pearl H'lands & Kamehameha Stations CE&I	1808	1808	31-Mar-11	11-Mar-16	71
Airport Station SEC 3 SJ		1825	1825	15-Feb-13	13-Feb-18	-375
FD440 Airport Stations (3) Design		660	660	15-Feb-13	06-Dec-14	-375
B100	Procure Airport Station Design	120	120	15-Feb-13	14-Jun-13	-375
B110	Airport Stations Design	540	540	15-Jun-13	06-Dec-14	-375
DBB470 Airport Stations Construction Contract		1165	1165	07-Dec-14	13-Feb-18	-375
Z200	Bid-Award Airport Station Contract	120	120	07-Dec-14	05-Apr-15	-375
Z210	Airport Stations Sitework Construction	365	365	06-Apr-15	04-Apr-16	-375
Z220	Airport Stations Construction	900	900	29-Aug-15	13-Feb-18	-375
Z230	Airport Stations Systems Installation	180	180	18-Aug-17	13-Feb-18	-375
Dillingham Station SEC 3 SE		1955	1955	21-Jan-14	29-May-19	-356
FD540 Dillingham Stations (3) Design		660	660	21-Jan-14	11-Nov-15	-356
H100	Procure Dillingham Station Design	120	120	21-Jan-14	20-May-14	-356
H110	Dillingham Stations Design	540	540	21-May-14	11-Nov-15	-356
DBB570 Dillingham Stations Construction Contract		1295	1295	12-Nov-15	29-May-19	-356
H200	Bid-Award Dillingham Station Contract	120	120	12-Nov-15	10-Mar-16	-356



Remaining Level of Effort
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Honolulu High - Capacity Transit Corridor Project

Master Project Schedule

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HONOLULU RAIL TRANSIT

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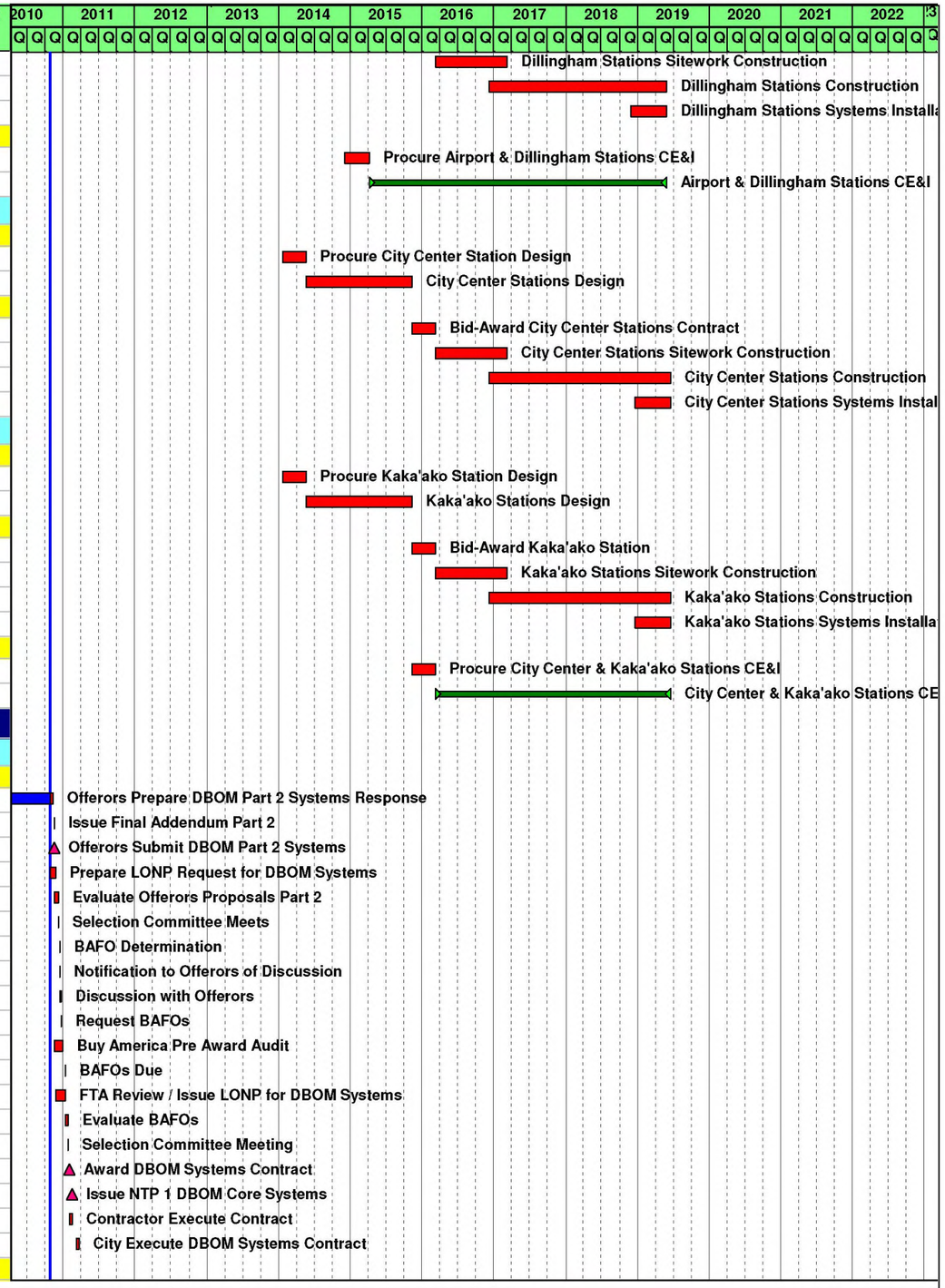
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
H210	Dillingham Stations Sitework Construction	365	365	11-Mar-16	10-Mar-17	-356
H220	Dillingham Stations Construction	900	900	11-Dec-16	29-May-19	-356
H230	Dillingham Stations Systems Installation	180	180	01-Dec-18	29-May-19	-356
MM485	Airport Stations & Dillingham Hwy Stations CE&I	1635	1635	07-Dec-14	29-May-19	-356
B750	Procure Airport & Dillingham Stations CE&I	120	120	07-Dec-14	05-Apr-15	-375
B800	Airport & Dillingham Stations CE&I	1515	1515	06-Apr-15	29-May-19	-356
City Center Station SEC 3 SG		1973	1973	21-Jan-14	16-Jun-19	-374
FD542	City Center Stations (3) Design	660	660	21-Jan-14	11-Nov-15	-374
U100	Procure City Center Station Design	120	120	21-Jan-14	20-May-14	-374
U110	City Center Stations Design	540	540	21-May-14	11-Nov-15	-374
DBB572	City Center Stations Construction Contract	1313	1313	12-Nov-15	16-Jun-19	-374
U200	Bid-Award City Center Stations Contract	120	120	12-Nov-15	10-Mar-16	-374
U210	City Center Stations Sitework Construction	365	365	11-Mar-16	10-Mar-17	-374
U220	City Center Stations Construction	920	920	09-Dec-16	16-Jun-19	-374
U230	City Center Stations Systems Installation	180	180	19-Dec-18	16-Jun-19	-374
Kaka'ako Station SEC 3 SG		1973	1973	21-Jan-14	16-Jun-19	-374
FD545	Kaka'ako Stations (3) Design	660	660	21-Jan-14	11-Nov-15	-374
Y100	Procure Kaka'ako Station Design	120	120	21-Jan-14	20-May-14	-374
Y110	Kaka'ako Stations Design	540	540	21-May-14	11-Nov-15	-374
DBB575	Kaka'ako Stations Construction Contract	1313	1313	12-Nov-15	16-Jun-19	-374
Y200	Bid-Award Kaka'ako Station	120	120	12-Nov-15	10-Mar-16	-374
Y210	Kaka'ako Stations Sitework Construction	365	365	11-Mar-16	10-Mar-17	-374
Y220	Kaka'ako Stations Construction	920	920	09-Dec-16	16-Jun-19	-374
Y230	Kaka'ako Stations Systems Installation	180	180	19-Dec-18	16-Jun-19	-374
MM585	City Center & Kaka'ako Stations CE&I	1313	1313	12-Nov-15	16-Jun-19	-374
U750	Procure City Center & Kaka'ako Stations CE&I	120	120	12-Nov-15	10-Mar-16	-374
U800	City Center & Kaka'ako Stations CE&I	1193	1193	11-Mar-16	16-Jun-19	-374
CORE SYSTEMS CONTRACT		3860	3423	18-Aug-09 A	12-Mar-20	-374
Core Systems DBOM		3860	3423	18-Aug-09 A	12-Mar-20	-374
PE920	Procurement Core Sys DBOM Contract	581	144	18-Aug-09 A	21-Mar-11	-221
P820	Offerors Prepare DBOM Part 2 Systems Response	146	6	18-Aug-09 A	08-Nov-10	-148
P810	Issue Final Addendum Part 2	1	1	15-Nov-10	15-Nov-10	-148
P830	Offerors Submit DBOM Part 2 Systems	0	0		15-Nov-10	-148
P960	Prepare LONP Request for DBOM Systems	30	30	29-Oct-10	27-Nov-10	-187
P840	Evaluate Offerors Proposals Part 2	16	16	16-Nov-10	08-Dec-10	-148
P870	Selection Committee Meets	2	2	09-Dec-10	10-Dec-10	-148
P880	BAFO Determination	1	1	13-Dec-10	13-Dec-10	-148
P890	Notification to Offerors of Discussion	1	1	14-Dec-10	14-Dec-10	-148
P895	Discussion with Offerors	4	4	15-Dec-10	20-Dec-10	-148
P905	Request BAFOs	1	1	21-Dec-10	21-Dec-10	-148
P850	Buy America Pre Award Audit	30	30	16-Nov-10	29-Dec-10	-128
P920	BAFOs Due	1	1	11-Jan-11	11-Jan-11	-148
P970	FTA Review / Issue LONP for DBOM Systems	45	45	28-Nov-10	11-Jan-11	-187
P930	Evaluate BAFOs	10	10	12-Jan-11	26-Jan-11	-148
P940	Selection Committee Meeting	2	2	27-Jan-11	28-Jan-11	-148
P945	Award DBOM Systems Contract	0	0	31-Jan-11		-148
P990	Issue NTP 1 DBOM Core Systems	0	0	14-Feb-11		-148
P950	Contractor Execute Contract	12	12	31-Jan-11	15-Feb-11	-148
P955	City Execute DBOM Systems Contract	10	10	08-Mar-11	21-Mar-11	-148
DBOM920	Core Systems & Vehicles DBOM Contract	3315	3315	14-Feb-11	12-Mar-20	-374



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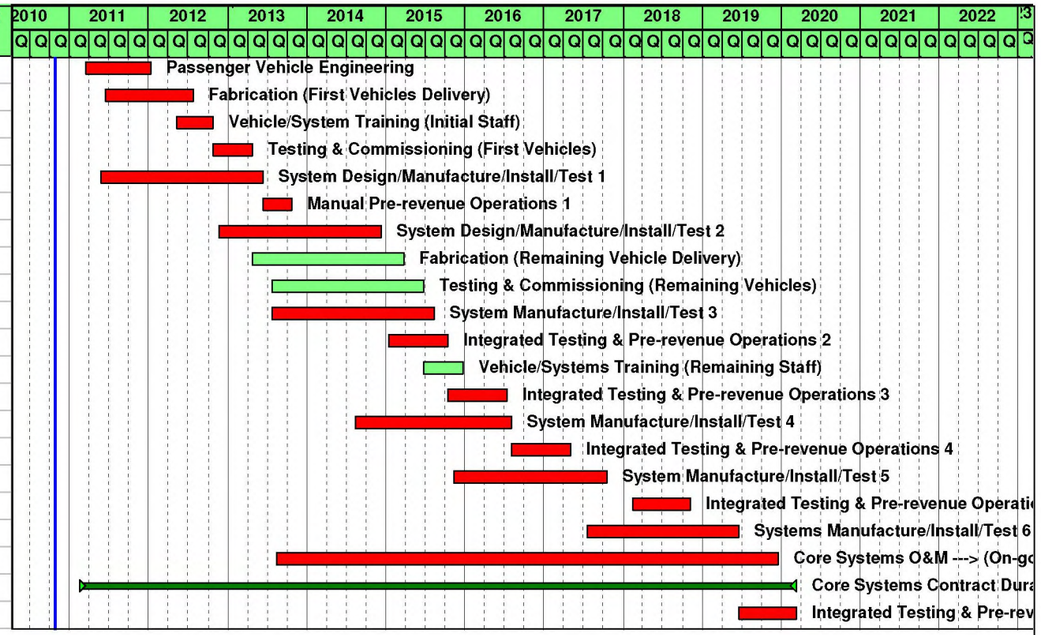
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float
T100	Passenger Vehicle Engineering	300	300	17-Mar-11	10-Jan-12	-251
T120	Fabrication (First Vehicles Delivery)	410	410	15-Jun-11	28-Jul-12	-251
T130	Vehicle/System Training (Initial Staff)	170	170	10-May-12	26-Oct-12	-251
T150	Testing & Commissioning (First Vehicles)	180	180	27-Oct-12	24-Apr-13	-251
T110	System Design/Manufacture/Install/Test 1	751	751	24-May-11	12-Jun-13	-300
T160	Manual Pre-revenue Operations 1	130	130	13-Jun-13	20-Oct-13	-300
T190	System Design/Manufacture/Install/Test 2	750	750	19-Nov-12	08-Dec-14	-400
T170	Fabrication (Remaining Vehicle Delivery)	700	700	25-Apr-13	25-Mar-15	138
T180	Testing & Commissioning (Remaining Vehicles)	700	700	24-Jul-13	23-Jun-15	138
T140	System Manufacture/Install/Test 3	750	750	27-Jul-13	15-Aug-15	-301
T195	Integrated Testing & Pre-revenue Operations 2	270	270	18-Jan-15	14-Oct-15	-440
T220	Vehicle/Systems Training (Remaining Staff)	180	180	24-Jun-15	20-Dec-15	138
T200	Integrated Testing & Pre-revenue Operations 3	270	270	15-Oct-15	10-Jul-16	-361
T210	System Manufacture/Install/Test 4	725	725	13-Aug-14	06-Aug-16	-92
T240	Integrated Testing & Pre-revenue Operations 4	270	270	07-Aug-16	03-May-17	-92
T230	System Manufacture/Install/Test 5	710	710	12-Nov-15	21-Oct-17	-260
T250	Integrated Testing & Pre-revenue Operations 5	270	270	14-Feb-18	10-Nov-18	-375
T265	Systems Manufacture/Install/Test 6	700	700	17-Jul-17	16-Jun-19	-374
T165	Core Systems O&M ---> (On-going)	2320	2320	14-Aug-13	20-Dec-19	-291
T101	Core Systems Contract Duration	3315	3315	14-Feb-11	12-Mar-20	-374
T260	Integrated Testing & Pre-revenue Operations 6	270	270	17-Jun-19	12-Mar-20	-374



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