

DECEMBER 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

## MONTHLY PROGRESS REPORT

December 2010



City and County of Honolulu

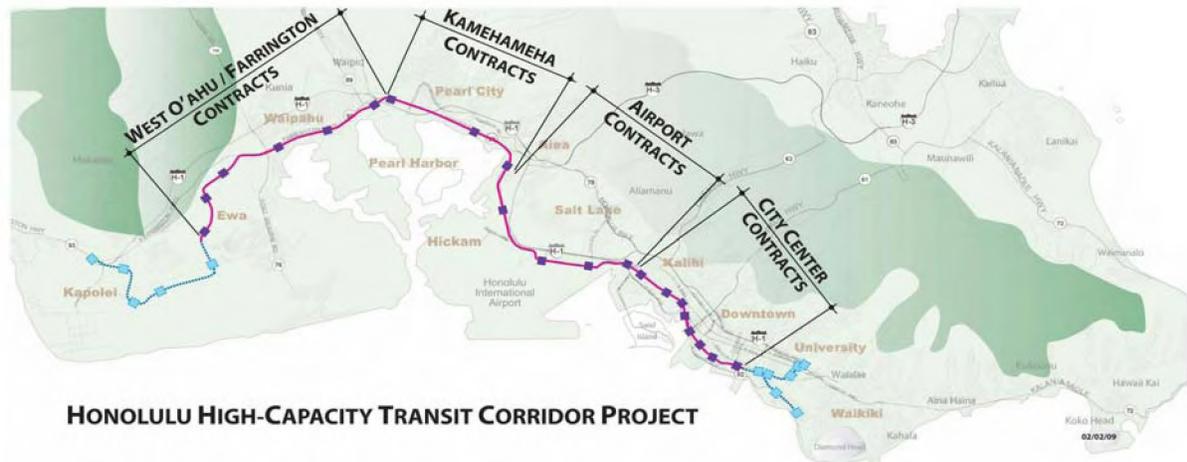
Approved by:

*fa*   
\_\_\_\_\_  
Simon Zweighaft  
Chief Project Officer

*1/20/11*  
\_\_\_\_\_  
Date

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## 1. Executive Summary



Major project issues:

- Project continues to be adversely affected by the completion of the ROD Milestone.

Major project activities in December 2010 included:

- Governors acceptance of Final EIS took place on December 16<sup>th</sup>, 2010
- Moving forward with implementation of the Honolulu Authority for Rapid Transportation (HART)
- West Oahu/Farrington guideway geotechnical investigations are ongoing with over 261 borings completed
- Farrington Station Group NTP to be finalized
- Kamehameha Highway Guideway DB BAFO received December 30, 2010
- 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

**2. Current Contract Status**

Status

All cost and schedule data is as of November 26, 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 23 people, are embedded within the City's Rapid Transit Division (RTD).

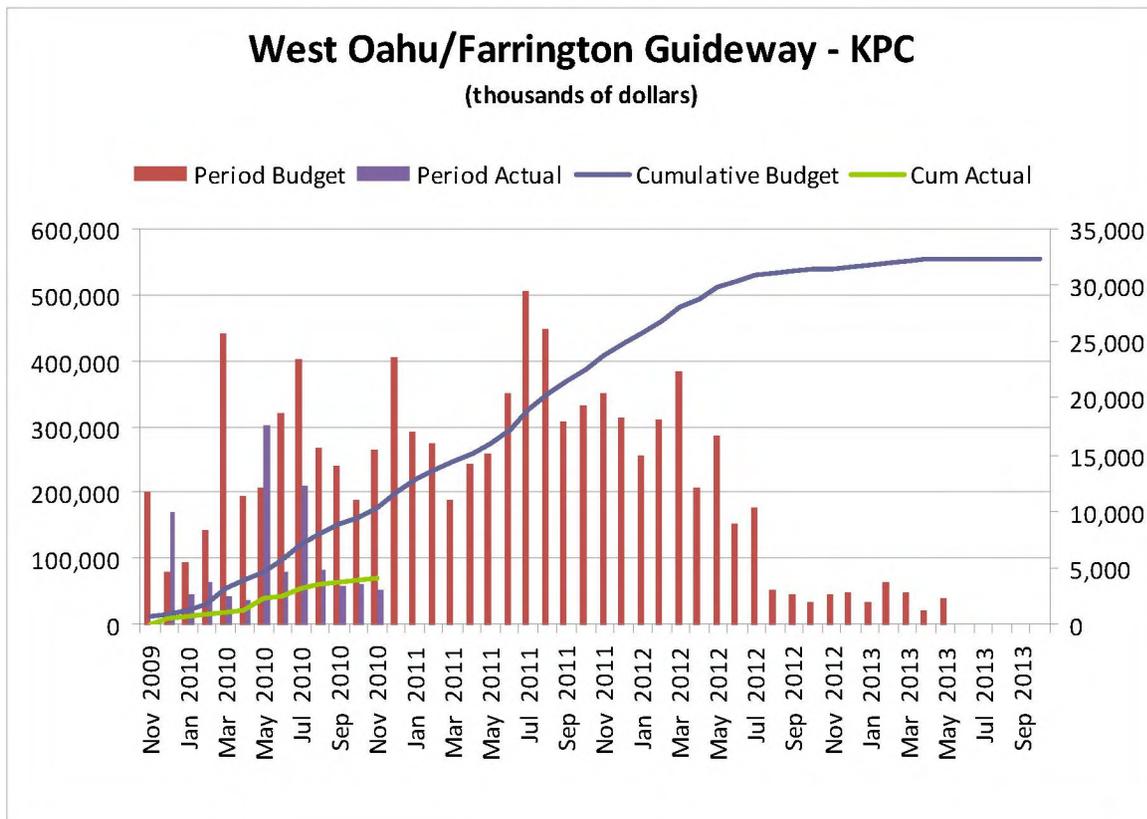
General Engineering Consultant 1

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	\$ 58,663,100
Current Contract Value	\$ 143,663,100
Expended to Date	\$ 132,657,146
% Complete	92.3%

The GEC 1 Contract with PB Americas, Inc. was executed in August 2007 and most recently was amended (Amendment #6) for an additional \$17,733,100 for continued work on the EIS and PE.

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	\$ 70,170,506
% Complete	13. %



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SCC	Description	Year of Expenditure				
		Baseline Budget	Allocated Contingency	Allocated Budget	Incurred to Date	Remaining Budget
10	<b>GUIDEWAY &amp; TRACK ELEMENTS</b>	\$263,566	\$39,535	\$303,101	\$0	\$303,101
10.04	Guideway: Aerial structure	\$234,887	\$35,233	\$270,121		\$270,121
10.08	Guideway: Retained cut or fill	\$7,402	\$1,110	\$8,512		\$8,512
10.09	Track: Direct fixation	\$18,175	\$2,726	\$20,901		\$20,901
10.11	Track: Ballasted	\$3,103	\$465	\$3,568		\$3,568
40	<b>SITework &amp; SPECIAL CONDITIONS</b>	\$165,984	\$24,898	\$190,881	\$52,333	\$138,548
40.01	Demolition, Clearing, Earthwork	\$3,628	\$544	\$4,173		\$4,173
40.02	Site Utilities, Utility Relocation Haz. mat'l, contam'd soil removal/mitigation, ground water treatments	\$34,200	\$5,130	\$39,330		\$39,330
40.03	Environmental mitigation, e.g. wetlands, historic/archeologic, parks					
40.04	Site structures including retaining walls, sound walls	\$5,941	\$891	\$6,832	\$1,627	\$5,205
40.05	Pedestrian / bike access and accommodation, landscaping	\$6,271	\$941	\$7,211		\$7,211
40.06	Automobile, bus, van accessways including roads, parking lots	\$1,783	\$267	\$2,050		\$2,050
40.07	Temporary Facilities and other indirect costs during construction	\$14,427	\$2,164	\$16,591		\$16,591
40.08		\$99,734	\$14,960	\$114,694	\$50,706	\$63,987
80	<b>PROFESSIONAL SERVICES</b>	\$53,374	\$8,006	\$61,380	\$17,837	\$43,543
80.01	Preliminary Engineering	\$38,739	\$5,811	\$44,550	\$17,837	\$26,713
80.02	Final Design	\$14,635	\$2,195	\$16,830		\$16,830
90	<b>90 UNALLOCATED CONTINGENCY</b>			\$0		
Subtotal (10 - 90)		\$482,924	\$72,439	\$555,363	\$70,170	\$485,192

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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	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 #	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 #	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%

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)

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%

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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%

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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**

Contract Packages

Contract #	Description	Advertise	Select	NTP
DB-120	W. Oahu/Farrington Guideway DB (Awarded)	4/3/2009	10/21/2009	12/1/2009
DB-200	Maintenance & Storage Facility DB	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) Contract	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) Construct	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 Systems 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) Design	4/27/2011	9/23/2011	9/24/2011
FD-430	Airport Utility & Guideway Design	2/26/2011	7/25/2011	7/26/2011
FD-440	Airport Stations (3) Design	10/8/2012	3/6/2013	3/7/2013
FD-530	City Center Utility, Guideway & Ala Moana Station Design	6/26/2011	11/22/2011	11/23/2011
FD-540	Dillingham Stations (3) Design	3/7/2013	8/3/2013	8/4/2013
FD-542	City Center Stations (3) Designs	5/6/2013	10/2/2013	10/3/2013

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FD-545	Kaka'ako Stations (2) Design	3/17/2014	8/13/2014	8/14/2014
MI-930	Project Wide Elevators & Escalators	7/2/2011	10/25/2011	11/25/2011
MM-180	West Oahu/Farrington Station CE&I	8/2/2012	10/30/2012	10/31/2012
MM-380	Pearl Highlands & Kam Stations CE&I	11/24/2012	2/21/2013	2/22/2013
MM-480	Airport Utility & Guideway CE&I	4/15/2013	7/14/2013	7/15/2013
MM-485	Airport & Dillingham Stations CE&I	7/7/2014	10/4/2014	10/5/2014
MM-580	City Center Utility & Guideway CE&I	2/15/2013	6/14/2014	6/15/2013
MM-585	City Center & Kaka'ako Stations CE&I	1/1/2015	4/30/2015	5/1/2015
MM-900	Program Management Support Consultant (Awarded)	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 (2)	9/3/2009	3/11/2011	3/12/2011
MM-920	HDOT Coordination Consultant	1/1/2011	4/30/2011	5/1/2011
OF-950	Owner Furnished Plants & Shrubs	8/1/2011	5/30/2014	5/30/2014
	<b>= Actual Date</b>		Data Date:	12/31/2011

Status

- General Engineering Consultant (II) – Negotiating in process
- Kamehameha Highway Guideway DB
  - Issued call for Best and Final Offer (BAFO)
  - BAFO received December 30, 2010
  - Revised schedule review is underway
  - Price realism of revised proposal expected to commence this Friday
  - Notice of selection expected third week January 2011
  - NTP #1 expected first week March 2011
- Maintenance and Storage Facility
  - Contract to be signed last week January 2011
  - NTP #1 expected late February 2011
- Vehicles/Core Systems DBOM
  - Call for BAFO issued November 4, 2010
  - BAFO responses expected January 18, 2011
  - Notice of selection expected second week February 2011
  - NTP #1 expected first week March 2011
- Farrington Station Group
  - NTP issued

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- West Oahu Station Group
  - Request for refreshed submittals after debriefing
  - Refreshed submittals expected late January 2011
- Airport Guideway Segment Design
  - January 18 release RFQ
  - Responses February 25
- Kamehameha Station Group (3 stations)
  - Issue RFQ February
- Real Estate Relocation RFP 2 Step
  - In Process
  - Part 1 to be issued this week
- HDOT Design Review & Inspection
  - Approval of ranking
  - NTP February
- Owner Controlled Insurance Program (OCIP)
  - RFP Two Step process
  - Issue Part 1 mid February

**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 and load tested in December. Method shaft #2 is now scheduled for placement in January.
- Contractor preliminary engineering definitive and interim design submittals are being reviewed and responded to. 118 total contract submittals have been received with 12 under review.
- Contractor RFI's are being reviewed and responded to. 136 RFI's received with 5 open and under review.
- The Contractor has issued 5 NCRs and the City has issued 5 additional NCRs and 2 Observation Reports related to method shaft #1.
- The Contractor has submitted 54 RFC's for City review: 4 are duplicates, 14 notices for information only, 17 denied, 5 no cost/time changes approved by the Change Control Board and 14 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

- Continue to prepare RFCs and other documentation for anticipation of an NTP in early 2011.

##### CORE Systems DBOM Contract

- Continue to participate in the evaluation committee process.

##### Kamehameha Highway Guideway DB Documents

- Continue to prepare documents to be issued to the selected offeror at NTP.
- The GEC is preparing a white paper on the request from the City's Environmental Services Department on adding the Waimalu Force Main piping along Kamehameha Highway within the contract segment.

##### Stations

- Farrington Station Group – NTP # 1 is scheduled for the first week of January with the design workshop to be held either the 3rd or 4th week of January, 2011. Preparing documents to deliver to the designer at NTP.

##### Value Engineering Study

- Contacted VMS about the guideway VE study for the Airport and City Center Segments. The study is tentatively scheduled for the 3<sup>rd</sup> or 4<sup>th</sup> week of March, 2011.

##### Agreements

- Sent out to all the WOFH franchise utilities the draft construction agreement and requested input back from them in January, 2011.
- Working on the draft Engineering Services Agreement for the KHG segment
- The selection process for the two consultants to be hired by the City on behalf of the State for the WOFH segment is ongoing.

##### Roadmap to Final Design

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- 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.

### Risk Assessment

- Meeting held in early December with the PMO to discuss the PMO comments on the early risk register.
- The risk register report including risk identification, cost & schedule analysis, project contingency capacity, risk mitigation & risk management plan will be submitted to the PMO the first week of January in anticipation of the Pre-Risk assessment workshop on January 12/13.
- Schedule for upcoming Risk Assessment workshops:
  - January 12/13 – 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

- RTD's Contract Management Software system (CMS) continues its roll-out.

### Configuration Management

- Procedure Development – Posting all Procedures for PMOC review
- Project Plan Conformance – Posted to PMOC site in CMS
- RFC Procedures – Continued use
- Contract Change Orders – The first Contract Change Order for WOFH is being processed.

**5. ROW**

Appraisals:

- Completing appraisal refresh reviews for commercial properties for WOFH section.
- Updating appraisals for residential properties for WOFH section.
- Completing appraisals for Kamehameha section

Agreements:

- DOE agreement was approved by City Council. Awaiting for Record of Decision to execute agreement

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.

Look Ahead

- Entire Alignment
  - Awaiting PMOC comments on RAMP Revision 4
  - Advance UH agreement with University of Hawaii
  - Continue supporting the procurement process for Real Estate Consultant with award anticipated in April.
- WOFH Section
  - WOFH parcel TMK 196004:006 appraisal being finalized to include the results from the environmental study.
  - Initiate acquisition of TMK 9-4-019:050. It was approved as a hardship acquisition by FTA.
- Kamehameha Section.
  - Appraisal for Pearl Ridge Station parcel TMK: 9-8-009:017 will be finalized once the Environmental Assessment Phase II is completed.

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	4	18	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	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

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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 F) was submitted to the PMOC on 12/6/10. PMOC issued approval of the final draft on 12/21/10.
- PE/EIS: QA Audit Report for the PE/EIS was issued on 12/2/10. GEC (PB) issued response on 12/10/10.
- WOFH Guideway: Kiewit (KIWC) definitive and preliminary design work continues. Bi-weekly QA workshop meetings were held with the KIWC Project QA Manager, GEC QA Manager and Design QA Manager (QA Team) to discuss the status of design activities and other quality issues on the project.
- RTD/GEC performed QA Surveillance of KIWC Environmental Compliance activities on 12/8/10. No negative findings were discovered during the surveillance.
- On 12/7/10, KIWC responded to the QA Audit Report issued by RTD. The Audit Team has reviewed response and verified KIWC preventative actions on the three (3) Observations. RTD issued a QA Audit close-out letter to KIWC on 12/13/10.
- MSF: No QA/QC activities during this reporting period.
- KHG: No QA/QC activities during this reporting period.
- Core System: The QA Manager reviewed BAFO RFP for the Core System.

### Look Ahead

- Issue and post QMP Revision 0. Conduct Training of appropriate personnel on the QMP and Implementing Procedures.
- Review and verify PB responses to the one NCR and three Observations found during the QA Audit.
- Continue RTD/GEC QA/QC and Environmental Compliance (EC) oversight of the WOFH contract.
- Assist in the technical and QA/QC review of the BAFO receipt.

## 7. Public Information

### Key Messages Gaining Momentum:

- EIS acceptance news conference
- SMA permits in collaboration with the Department of Planning and Permitting
- Preparation for ROD
- WOFH Community Awareness: Continued community and media outreach for method and test shaft drilling
- Expos and Presentations : Association for the Advancement of Cost Engineering International, Honolulu chapter (AACE)



EIS News Conference

## HHCTCP Monthly Progress Report – December 2010

### Outreach Tools

- Key media coverage (print, broadcast, online); TV morning talk shows; talking points; Neighborhood Board Meetings; Community Events/Expos
- WOFH Outreach: Canvassing; regular meetings with traffic reporters; communication with elected representatives; community meetings

<b>Community Outreach</b>	<b>December</b>	<b>January - December</b>
Presentations & Events	1	151
Neighborhood Boards	6	149

### Look Ahead

#### Presentations & Events

- Special Management Area permit hearing preparation
- Collaborative effort with FHA on Disadvantaged Business Enterprise (DBE) workshop
- Preparation for ceremonial groundbreaking
- Method and shaft test outreach
- Business and Community Mitigation Meetings 2 & 3

## 8. Safety and Security

### Current Activities

- On going Safety and Security Certification Working Group (SSCWG).
- Working with Honolulu Fire Department to evaluate West Loch Station and Waipahu Fire Station traffic interfaces.
- Completed Draft City/HDOT memorandum of understanding for State Oversight Agency.
- Reviewing Kiewit Safety and Security Certification Certifiable Plan for WOFH contract.
- Awaiting FTA comments of Draft State Oversight Agency Designation Submission.
- Revising Safety and Security Management Plan and Safety and Security Certification Plan.
- Conducted RTD Safety and Environmental Orientation for RTD/GEC managers, RTD/GEC WOFH on-site staff, and PMOC.
- Developing RTD office procedures for visitor/access control.
- Supporting GEC development of Project-wide Certifiable Elements and Items Lists.
- Continuing with Construction Safety and Security Task Force meeting with Kiewit. Conducting surveillance of Kiewit work site operations and reviewing Job Hazard Analyses.

### 30 Day Look Ahead

- Schedule SSCWG review of Preliminary Hazard Analysis for February/March timeframe.
- Support GEC conversion of the PHA into hazard tracking system.
- Support development of a Safety and Security module for CMS to support safety and security certification and construction safety and security.
- Develop Safety and Security Certification Training Seminar.
- Further develop System Security Outline with support from HPD.
- Support HDOT State Oversight Agency revisions to Designation Submission received from the FTA Office of Safety and Security.

## 9. Environment & Historical

### Final EIS

- Coordinated with the State Office of Environmental Quality (OEQC) and the Governor's office to obtain acceptance of the Final EIS in compliance with HRS 343. The Governor accepted the Final EIS on December 16, 2010.

### Record of Decision

- Revised and resubmitted changes made by FTA Headquarters on the public comments section of the ROD.
- Awaiting further comments from FTA

### Programmatic Agreement (PA).

- Revised draft PA in response to final consulting parties' comments received on December 3, 2010 and resubmitted revised PA to FTA Headquarters for finalizing and obtaining signatures.

### Mitigation Monitoring Plan

- Responding to comments received on the MMP from the PMOC.

### Special Management Area Permit

- Public meetings to be held on SMA permit first week in January 2011.

### WOFH Surveillance

- Conducted second surveillance of design process and documentation and construction activities.

### Risk Assessment

- Provided mitigation action plan for environmental related risks to GEC.

### Casting Yard

- Received letter on December 8, 2010 from WOFH contractor that they plan to use an existing casting yard (GPRM) located on O'ahu.

### 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.

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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

- (2) Civil Engineer III
- Utilities Engineer (Civil VI)
- Contract Change Specialist
- (2) Mechanical Engineer III
- Electrical Engineer IV
- Civil Engineer VI

#### Administration and Project Controls

- Financial Planner
- Data Processing System Analyst
- Information Technology Technician
- Labor Relations Specialist
- Secretary II
- Senior Clerk
- Deputy Project Officer

### Positions complete

#### Engineering:

- Civil Engineer VI
- Electrical Engineer III

#### Admin & Project Controls:

- Records Management Analyst II
- Asset Manager

### Infraconsult

- Senior Cost Analyst—Jane Biesell
- Transit Arts Coordinator—Jennifer Murphy
- Interim Utility Coordinator—TBD

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

**11. Schedule Status**

Master Schedule

- Revised Master Schedule was submitted for FTA/PMO review on January 7, 2011
- ROD target date is now January 19, 2011
- Groundbreaking targeted for February 22nd, 2011
- SMA Permit targeted for January 26, 2011

Key Deliverables

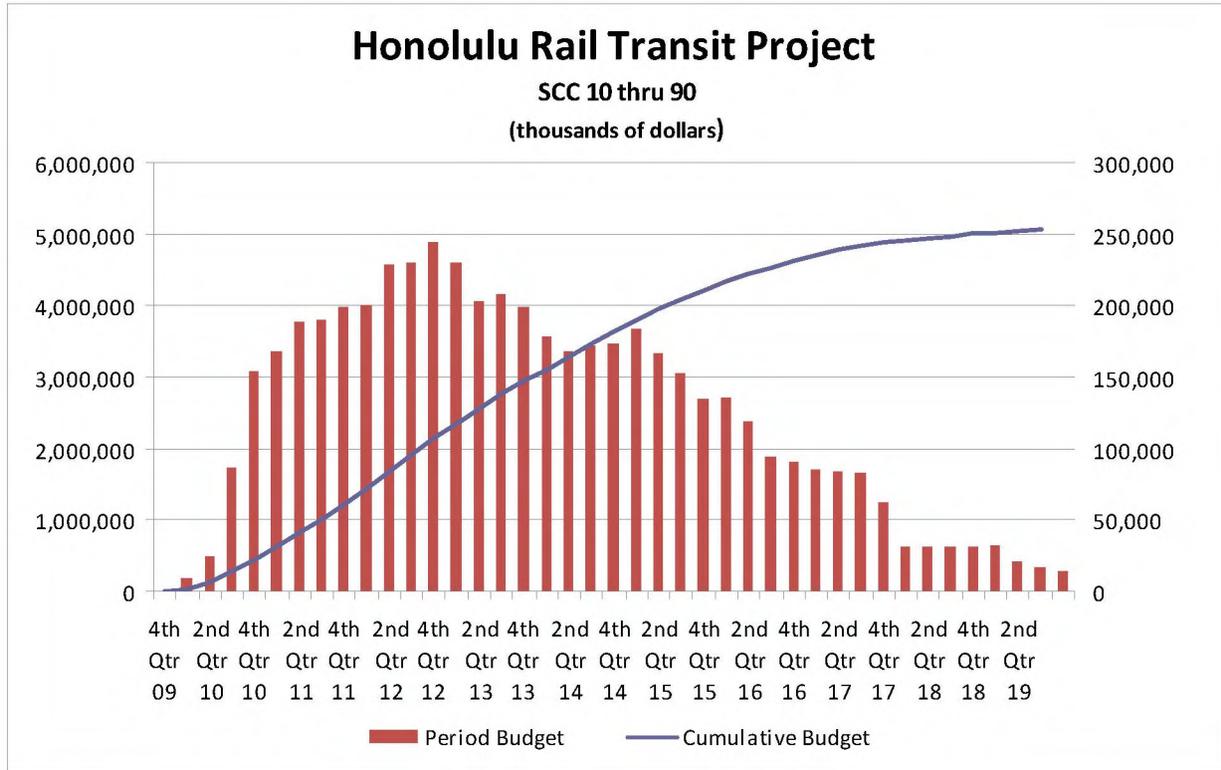
Management Deliverable	Rev No.	Date of Current Revision	Anticipated Date for Next DRAFT Submission	Anticipated Date for Final Document to Support FD Request	Notes
PMP	4	7-Dec-10	3-15-11	Mar-11	Awaiting PMO Review of Rev 4
QMP	0	11-Jan-11	N/A	N/A	Final Draft QMP was approved by PMOC on 12/21/10
RAMP	4	20-Dec-10	N/A	Feb-11	Awaiting comments on Rev 4
BFMP	0	Jun-10	N/A	Jan-11	Review comments for Rev 0 provided in Aug-10
RFMP	0	Apr-09	Feb-11	Mar-11	Update will be based on info from Core Systems Contractor
SSMP	2	01-Apr-10	11-Jan-11	Feb-11	Review comments for Rev 2 provided 28-Apr-10
SSCP	1	Feb-10	18-Feb-11	Mar-11	Review comments for Rev 0 provided 28-Apr-10
CFMP	0	23-Dec-10	N/A	N/A	Review comments for Rev 0 provided in Aug-10

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

12. Cost/Budget Status

All cost data is as of November 26, 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	<b>GUIDEWAY &amp; TRACK ELEMENTS</b>	\$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	<b>STATIONS, STOPS, TERMINALS,</b>	\$311,322	\$77,830	\$389,152	\$0	\$389,152

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<b>INTERMODAL</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	\$237,171	\$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
<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	\$91,819	\$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
<b>40</b>	<b>SITework &amp; SPECIAL CONDITIONS</b>	<b>\$789,627</b>	<b>\$221,691</b>	<b>\$1,011,318</b>	<b>\$52,333</b>	<b>\$958,984</b>
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	\$1,627	\$19,590
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	\$50,706	\$63,987
<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	\$42,379	\$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
<b>Construction Subtotal (10 - 50)</b>		<b>\$2,648,893</b>	<b>\$660,151</b>	<b>\$3,309,044</b>	<b>\$52,333</b>	<b>\$3,256,711</b>
<b>60</b>	<b>ROW, LAND, EXISTING IMPROVEMENTS</b>	<b>\$85,757</b>	<b>\$42,878</b>	<b>\$128,635</b>	<b>\$2,928</b>	<b>\$125,707</b>
60.01	Purchase or lease of real estate	\$83,383	\$41,692	\$125,075	\$2,928	\$122,147
60.02	Relocation of existing households and businesses	\$2,373	\$1,187	\$3,560	\$0	\$3,560
<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	\$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
<b>80</b>	<b>PROFESSIONAL SERVICES</b>	<b>\$731,811</b>	<b>\$183,797</b>	<b>\$915,607</b>	<b>\$77,075</b>	<b>\$838,533</b>
80.01	Preliminary Engineering	\$63,704	\$8,984	\$72,688	\$34,995	\$37,693
80.02	Final Design	\$119,690	\$30,560	\$150,250	\$0	\$150,250
80.03	Project Management for Design and	\$111,227	\$26,212	\$137,439	\$41,734	\$95,704

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	Construction					
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	\$345	\$52,051
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
	<b>Subtotal (10 - 80)</b>	<b>\$3,788,093</b>	<b>\$964,018</b>	<b>\$4,752,111</b>	<b>\$132,336</b>	<b>\$4,619,775</b>
90	<b>90 UNALLOCATED CONTINGENCY</b>			<b>\$305,349</b>		<b>\$305,349</b>
	<b>Subtotal (10 - 90)</b>	<b>\$3,788,093</b>	<b>\$964,018</b>	<b>\$5,057,460</b>	<b>\$132,336</b>	<b>\$4,925,124</b>
100	Finance Charges	\$290,294		\$290,294		\$290,294
	<b>Total Project Cost (10 - 100)</b>	<b>\$4,078,387</b>	<b>\$964,018</b>	<b>\$5,347,754</b>	<b>\$132,336</b>	<b>\$5,215,418</b>

Expenditures this Period (in \$ thousands):

- Total Expenditures for October 2010 = \$15,515
- Total Expenditures for November 2010 = \$7,136

Total Remaining Budget (in \$ thousands):

- Total Remaining Budget October 2010 = \$5,222,554
- Total Remaining Budget November 2010 = \$5,215,418

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Funding Sources

GET Revenue Collections by Fiscal Year to date

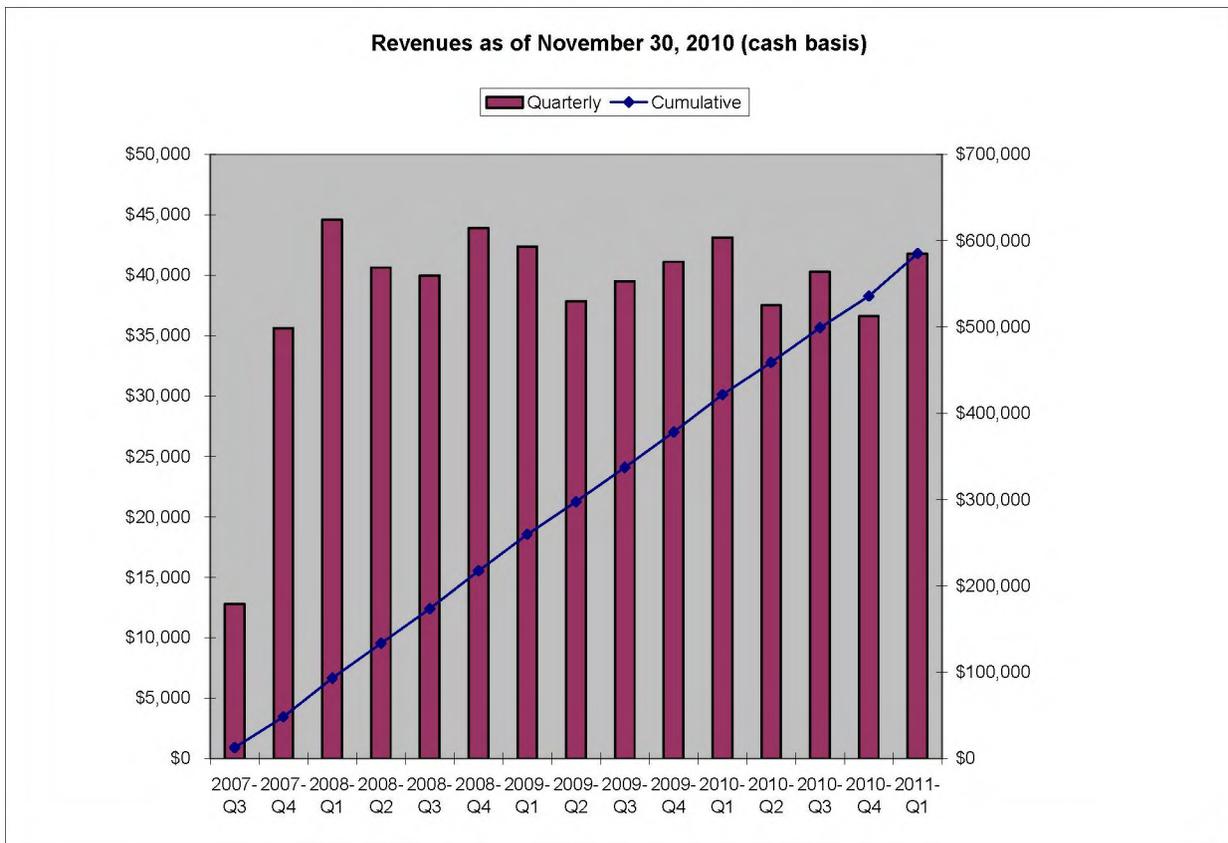
Revenues as of October 31, 2010 (cash basis)

	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
<b>TOTAL</b>	<b>\$ 48,442,481</b>	<b>\$ 172,837,781</b>	<b>\$ 164,481,390</b>	<b>\$ 157,818,620</b>	<b>\$ 41,771,778</b>	<b>\$ 585,352,051</b>

\*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	City to coordinate meeting with PMOC and State Oversight Agency	City	10-Jul	11-Feb		Open
3	Provide Sample FFGA Roadmap	PMOC	10-Oct	11-Jan		Open
4	Provide PMOC with Real Estate Professional Services Request For Proposal Part 2	City	10-Oct	11-Jan		Open
5	Provide White Paper on approach for LONP request	City	10-Sep	11-Jan		Open
6	Confirm requirements for SSPP and SSEPP to enter Final Design	PMOC	10-Dec	11-Jan	20-Dec-10	Closed
7	Provide example of environmental reporting	PMOC	10-Dec	11-Jan		Open
8	Provide example of Risk and Contingency Management Plan	PMOC	10-Dec	11-Jan	20-Dec-10	Closed

**15. Acronyms used in this report**

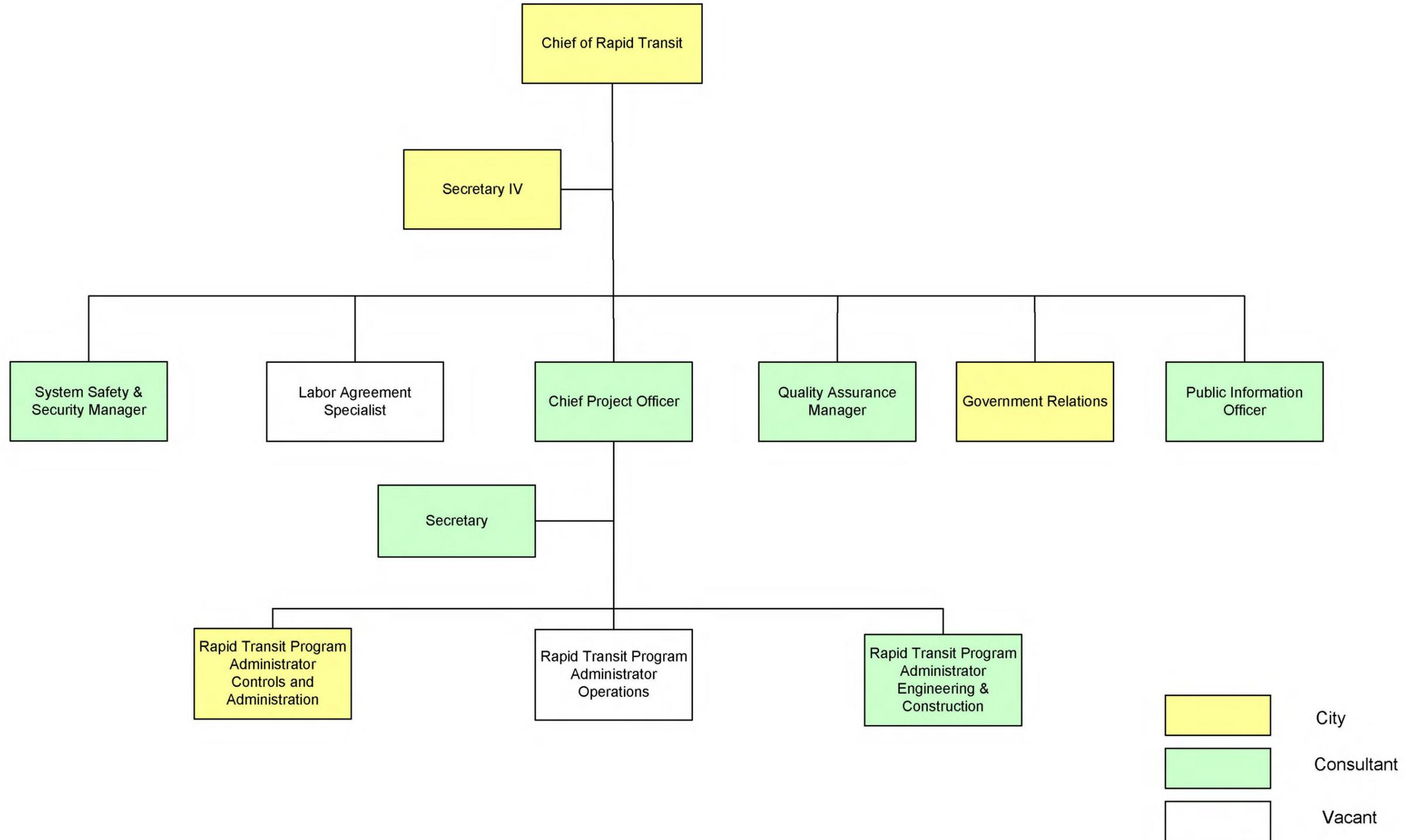
BFS	Department of Budget & Fiscal Services
CCB	Change Control Board
CFMP	Configuration Management Plan
CMS	Contract Management System
COR	Department of the Corporation Counsel
CQMP	Construction Quality Management Plan
CSC	Core Systems Contractor
DB	Design Build Contract
DBOM	Design Build Operate Maintain 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
KIW	Kiewit Infrastructure West (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

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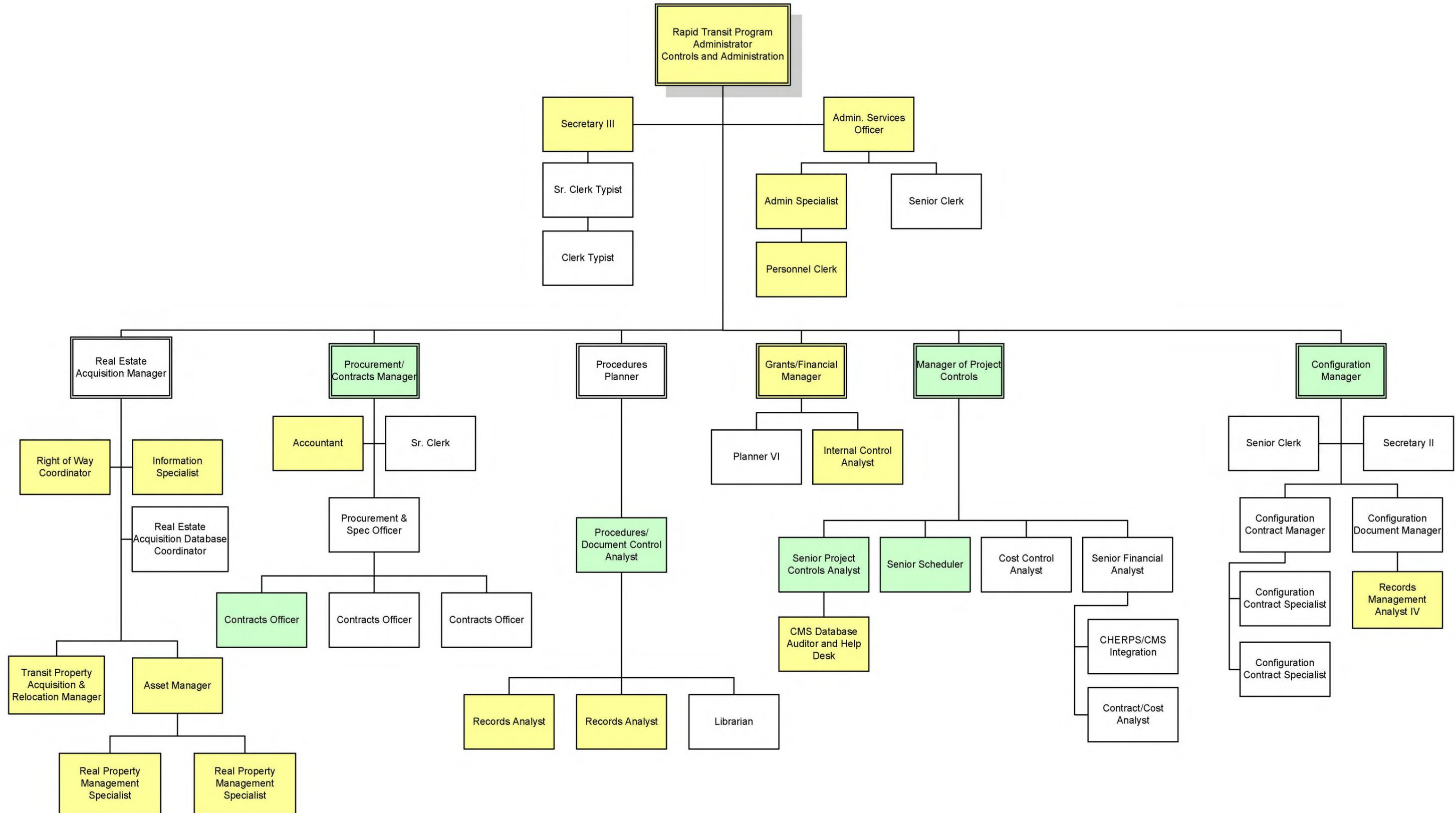
QA	Quality Assurance
QA/QC	Quality Assurance and Quality Control
QMP	Quality Management Plan
RAMP	Real Estate Acquisition and Relocation Management Plan
RFC	Request for Change
RFI	Request for Information
RFP	Request for Proposal
ROD	Record of Decision
ROW	Right-of-Way
RTD	Rapid Transit Division
SSCP	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

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

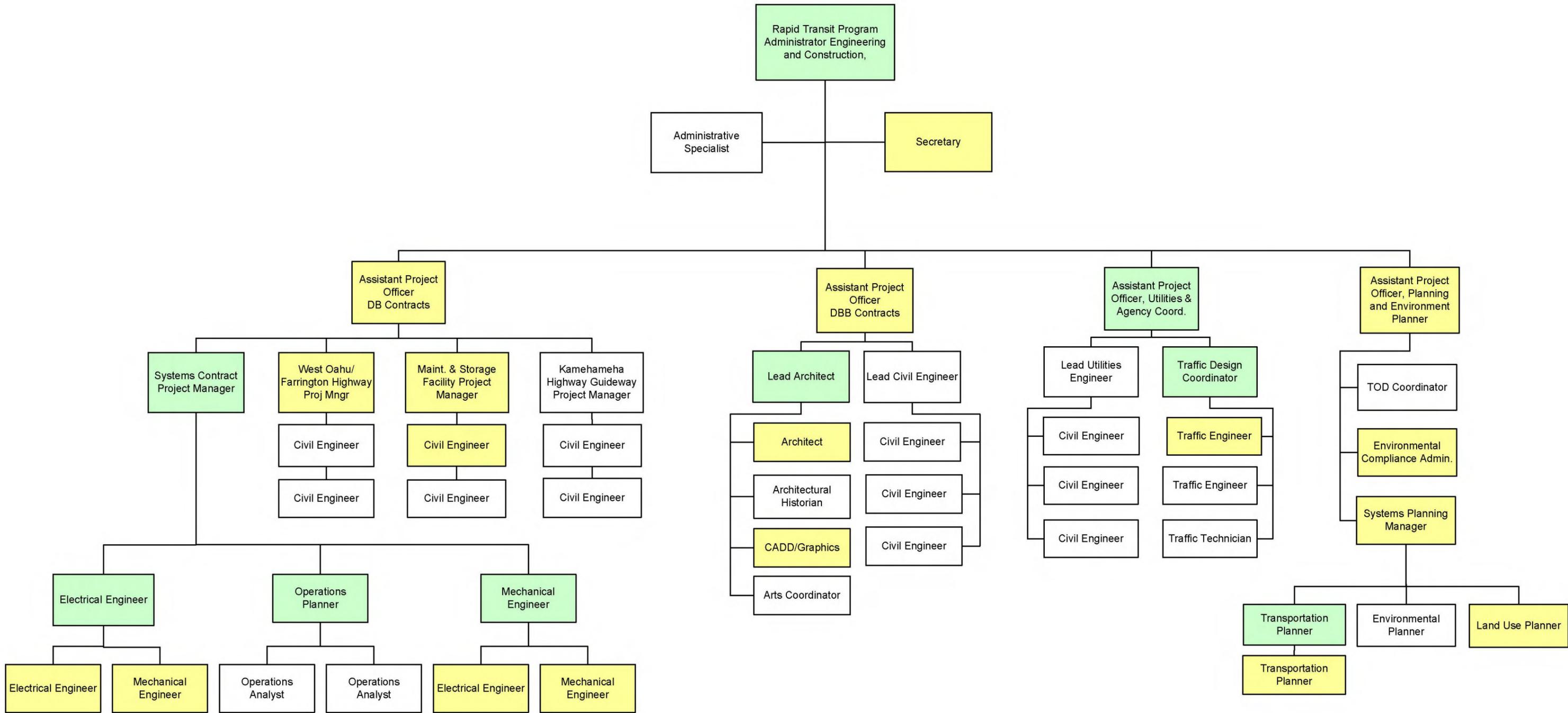
# Department of Transportation Services Rapid Transit Division



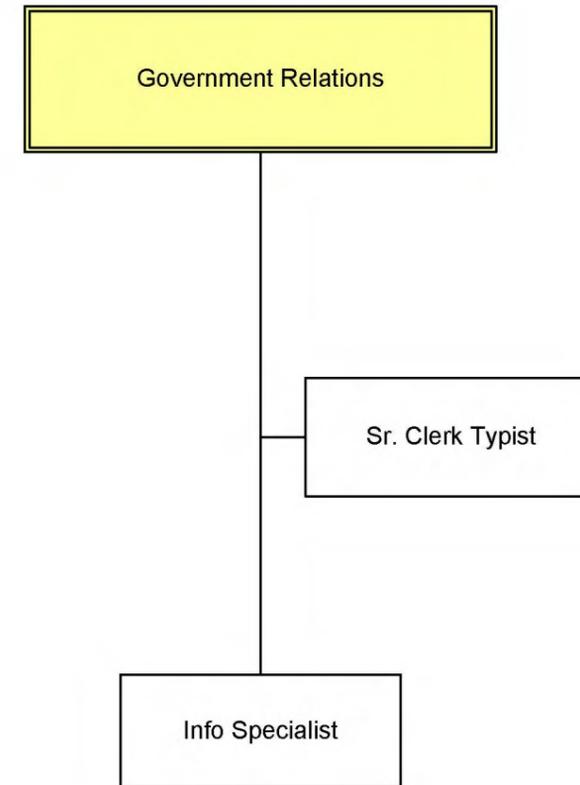
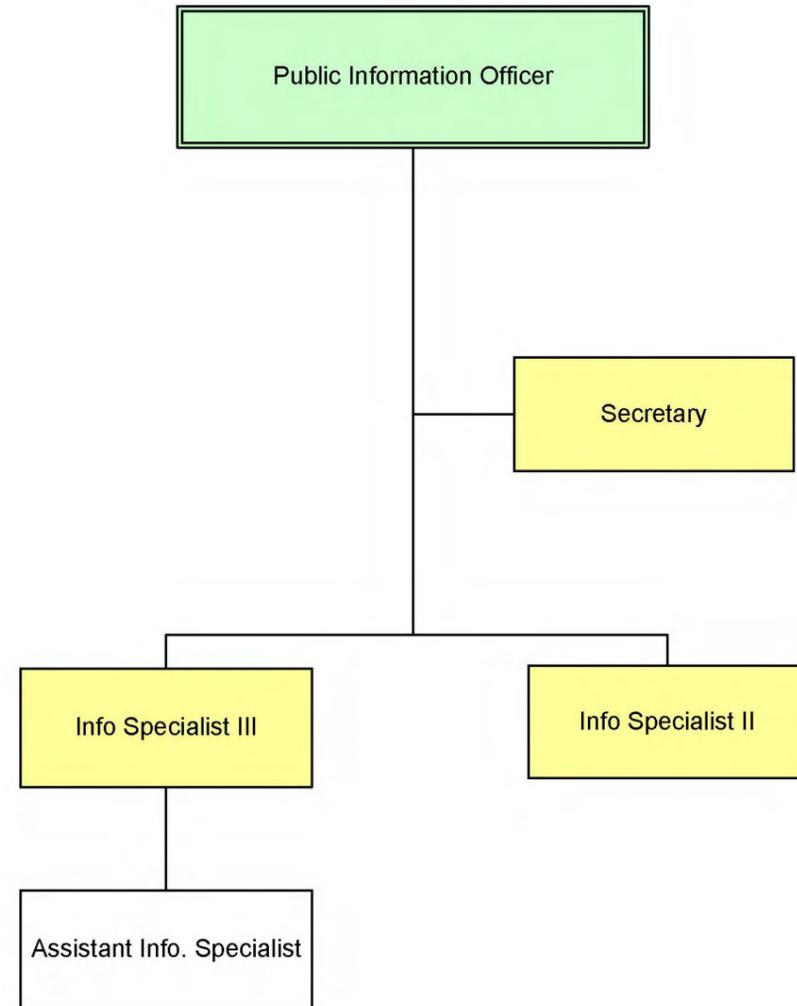
# Department of Transportation Services Rapid Transit Division Controls & Administration



# Department of Transportation Services Rapid Transit Division Engineering and Construction



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	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>MASTER PROJECT SCHEDULE MILESTONES</b>																					
<b>General</b>																					
~																					
HHCTP Project Milestones																					
0000	AADEIS Start	0	0	Jun.15.2005 A																	
0001	FTA Issue Authorization to Enter P.E	0	0		Oct.29.2010 A																
E300	FTA Issue Record of Decision - ROD	0	0		Jan.19.2011	619															
FD250	FTA Approve Entry into Final Design	0	0		Aug.16.2011	416															
LP100	LONP Approval	0	0		Aug.16.2011	468															
F270	FTA Award Full Funding Grant Agreement (NTP 3 WOFH)	0	0	Sep.06.2012		874															
M999	MSF Contract Complete	0	0		Jul.16.2014	1994															
J999	Open West Oahu / Kamehameha Section 1A,B	0	0		Nov.16.2015	1506															
Z999	Open Airport Section 2	0	0		Oct.10.2017	812															
9999	Open to City Center 3	0	0		Feb.17.2019	317															
DDD10	Drop Dead Date	0	0		Dec.31.2019*	0															
ROW Acquisitions Complete																					
ROW1	Right - of - Way Acquisitions Complete	0	0		May.24.2012	2175															
Program Duration																					
Y300	Right of Way Acquisition / Purchase Duration	490	490	Jan.20.2011	May.23.2012	0															
Y240	Remaining Program Duration	3423	2971	Oct.16.2009 A	Feb.17.2019	317															
PE																					
N250	Submit Request for PE	0	0	May.04.2009 A																	
N270	FTA Approves PE	0	0	Oct.16.2009 A																	
<b>Contract Milestone</b>																					
<b>Guideway Construction Contracts</b>																					
DB120 W. Oahu / Farrington Guideway DB Contract																					
Guideway Contract / Construction																					
DB120	WOFH Guideway Construction Contract DB-120 - Complete	0	0	Oct.16.2014	Oct.16.2014	1903															
DB320 Kamehameha Guideway DB Contract																					
Guideway Contract / Construction																					
DB320	KHG Guideway Construction Contract DB-320 - Complete	0	0	Jan.14.2015	Jan.14.2015	1813															
DBB460 Airport Guideway Construction Contract																					
Guideway Contract / Construction																					
DB460	Airport Guideway Construction Contract DB-460 - Complete	0	0	Oct.07.2016	Oct.07.2016	1181															
DBB560 City Center Guideway Construction Contract																					
Guideway Contract / Construction																					
DBB560	City Center Guideway Construction Contract DBB-560 - Complete	0	0	Jun.19.2017	Jun.19.2017	926															
<b>Station Construction Contracts</b>																					
DBB270 Farrington Station Construction Contract																					
Station Contract / Construction																					
DBB270	Farrington Stations Construction Contract DBB-270 - Complete	0	0	Dec.31.2014	Dec.31.2014	1827															
DBB170 West Oahu Station Construction Contract																					
Station Contract / Construction																					
DBB170	West Oahu Stations Construction Contract DBB-170 - Complete	0	0	Jan.27.2015	Jan.27.2015	1800															
DBB370 Kamehameha Stations Construction Contract																					
Station Contract / Construction																					
DBB370	Kamehameha Stations Construction Contract DBB-370 - Complete	0	0	Mar.25.2015	Mar.25.2015	1743															
DBB470 Airport Stations Construction Contract																					
Station Contract / Construction																					
DBB470	Airport Stations Construction Contract DBB-470 - Complete	0	0	Jan.12.2017	Jan.12.2017	1084															

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

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

1 of 22  
 Date : Jan.18.2011  
 Data Date : Dec.31.2010



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>DBB570 Dillingham Stations Construction Contract</b>							0	0	Mar.23.2017	Mar.23.2017	1014											
Station Contract / Construction							0	0	Mar.23.2017	Mar.23.2017	1014											
DBB570	Dillingham Stations Construction Contract DBB-570 - Complete	0	0	Mar.23.2017		1014																
<b>DBB572 City Center Stations Construction Contract</b>							0	0	Aug.28.2017	Aug.28.2017	856											
Station Contract / Construction							0	0	Aug.28.2017	Aug.28.2017	856											
DBB572	City Center Stations Construction Contract DBB-572 - Complete	0	0	Aug.28.2017		856																
<b>DBB575 Kaka'ako Stations Construction Contract</b>							0	0	May.22.2018	May.22.2018	589											
Station Contract / Construction							0	0	May.22.2018	May.22.2018	589											
DBB575	Kaka'ako Stations Construction Contract DBB-575 - Complete	0	0	May.22.2018		589																
<b>Core Systems DBOM</b>							0	0	Feb.16.2019	Feb.16.2019	319											
DBOM920 Core Systems & Vehicles DBOM Contract							0	0	Feb.16.2019	Feb.16.2019	319											
Core Systems Contract / Construction							0	0	Feb.16.2019	Feb.16.2019	319											
DBOM920	Core Systems Construction Contract DBOM-920 - Complete	0	0	Feb.16.2019		319																
<b>State Safety and Security Oversight</b>							5	5	Dec.31.2010	Jan.04.2011	3162											
State Safety and Security Oversight							5	5	Dec.31.2010	Jan.04.2011	3162											
State Safety and Security Oversight							5	5	Dec.31.2010	Jan.04.2011	3162											
D230	Designation of State Oversight Agency	5	5	Dec.31.2010	Jan.04.2011	3162																
D250	FTA Approval of Designation Submission	5	5	Dec.31.2010	Jan.04.2011	3162																
D260	FTA Approval of Initial Submission	5	5	Dec.31.2010	Jan.04.2011	3162																
<b>Safety and Security Certification</b>							5	5	Dec.31.2010	Jan.04.2011	3162											
Safety and Security Certification							5	5	Dec.31.2010	Jan.04.2011	3162											
Safety and Security Certification							5	5	Dec.31.2010	Jan.04.2011	3162											
D270	Complete Design Criteria Conformance	5	5	Dec.31.2010	Jan.04.2011	3162																
D280	Complete Construction Specification Conformance	5	5	Dec.31.2010	Jan.04.2011	3162																
D290	Complete Final Safety and Security Certification	5	5	Dec.31.2010	Jan.04.2011	3162																
<b>READINESS FOR PELIMINARY ENGINEERING</b>							392	0	Sep.15.2008 A	Oct.11.2009 A												
Project Wide							392	0	Sep.15.2008 A	Oct.11.2009 A												
Project Wide							392	0	Sep.15.2008 A	Oct.11.2009 A												
N110	Update PMP	50	0	Sep.15.2008 A	Nov.03.2008 A																	
N170	Prepare Draft Before & After Study Plan	73	0	Sep.15.2008 A	Nov.26.2008 A																	
N180	Develop Pre PE Risk Assm't (JACOBS)	100	0	Sep.15.2008 A	Dec.23.2008 A																	
N140	Making The Case Document (Saltlake)	135	0	Sep.15.2008 A	Jan.27.2009 A																	
N142	City Council Changes to Airport Alignment	0	0	Jan.28.2009 A																		
N130	PE Financial Plan PMOC Review	158	0	Sep.15.2008 A	Feb.19.2009 A																	
N185	Update PMP Rev #2 (Airport)	32	0	Jan.29.2009 A	Mar.01.2009 A																	
N240	Incorporate Jacobs Comments	33	0	Feb.20.2009 A	Mar.24.2009 A																	
N190	PMOC Review of PE PMP Update	23	0	Mar.02.2009 A	Mar.24.2009 A																	
N200	FTA OMC Review	7	0	Mar.24.2009 A	Mar.30.2009 A																	
N247	Cost Estimate	34	0	Mar.13.2009 A	Apr.15.2009 A																	
N246	Financial Plan	41	0	Mar.13.2009 A	Apr.22.2009 A																	
N210	Prepare New Starts Templates & Certs	6	0	Apr.24.2009 A	Apr.29.2009 A																	
N150	Prepare Request for PE	228	0	Sep.15.2008 A	Apr.30.2009 A																	
N100	SCC Cost Work Sheets	229	0	Sep.15.2008 A	May.01.2009 A																	
N248	Prepare Package for PE	10	0	Apr.24.2009 A	May.03.2009 A																	
N245	Making the Case (Airport)	63	0	Mar.03.2009 A	May.04.2009 A																	
N120	Prepare Rev O&M Cost / Methodology	240	0	Sep.15.2008 A	May.12.2009 A																	

▲ Dillingham Stations Construction Contract DBB-570 - Complete

▲ City Center Stations Construction Contract DBB-572 - Complete

▲ Kaka'ako Stations Construction Contract DBB-575 - Complete

▲ Core Systems Construction Contract DBOM-920 - Complete

Designation of State Oversight Agency

FTA Approval of Designation Submission

FTA Approval of Initial Submission

Complete Design Criteria Conformance

Complete Construction Specification Conformance

Complete Final Safety and Security Certification

ft Before & After Study Plan

PE Risk Assm't (JACOBS)

Case Document (Saltlake)

City Council Changes to Airport Alignment

Financial Plan PMOC Review

PMP Rev #2 (Airport)

Incorporate Jacobs Comments

PMOC Review of PE PMP Update

FTA OMC Review

Cost Estimate

Financial Plan

New Starts Templates & Certs

Request for PE

SCC Cost Work Sheets

Package for PE

Making the Case (Airport)

Rev O&M Cost / Methodology

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

**Honolulu High - Capacity Transit Corridor Project**

**Master Project Schedule**

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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
N260	FTA Evaluates Request for PE	190	0	Apr.05.2009 A	Oct.11.2009 A															
<b>ADVANCED CONCEPTUAL ENGINEERING</b>		201	0	Sep.15.2008 A	Apr.03.2009 A															
Project Wide		201	0	Sep.15.2008 A	Apr.03.2009 A															
No Phase		201	0	Sep.15.2008 A	Apr.03.2009 A															
A200	DB MSF Project Documents	85	0	Sep.15.2008 A	Dec.08.2008 A															
A140	Geotech & Other DB MSF Tech Reports	90	0	Sep.15.2008 A	Dec.13.2008 A															
A100	Prep Waiver Request Part 2 DB G'way/MSF/Systems	151	0	Sep.15.2008 A	Feb.12.2009 A															
A180	Waiver RFP Part 2 DB (Not Required)	1	0	Feb.13.2009 A	Feb.13.2009 A															
A110	DB Guideway Plan & Permit Design Schedule	198	0	Sep.15.2008 A	Mar.31.2009 A															
A120	DB MSF Plan & Permit Design Schedule	198	0	Sep.15.2008 A	Mar.31.2009 A															
A130	Geotech & Other DB Guideway Tech Reports	201	0	Sep.15.2008 A	Apr.03.2009 A															
A150	DB Guideway Project Documents	201	0	Sep.15.2008 A	Apr.03.2009 A															
<b>EIS</b>		1315	90	Aug.24.2007 A	Mar.30.2011	3198														
EIS		1257	20	Aug.24.2007 A	Jan.19.2011	619														
EIS		1257	20	Aug.24.2007 A	Jan.19.2011	619														
E100	Prepare Draft Environmental Impact Statem't	68	0	Aug.24.2007 A	Oct.30.2007 A															
E110	FTA Final Review of DEIS	4	0	Oct.31.2008 A	Nov.03.2008 A															
E120	Print DEIS	15	0	Oct.31.2008 A	Nov.14.2008 A															
E130	Distribute DEIS	13	0	Nov.02.2008 A	Nov.14.2008 A															
E140	Issue DEIS/Publish Notice of Availability	1	0	Nov.21.2008 A	Nov.21.2008 A															
E160	Hold Public Hearings	6	0	Dec.06.2008 A	Dec.11.2008 A															
E150	Public Comment Period	97	0	Nov.02.2008 A	Feb.06.2009 A															
E170	Prepare Final EIS	228	0	Nov.02.2008 A	Jun.17.2009 A															
E220	Submit Admin FEIS to FTA	0	0	Jul.06.2009 A																
E230	FTA Review of Admin FEIS	26	0	Jul.06.2009 A	Jul.31.2009 A															
E240	Revise Admin FEIS	15	0	Aug.01.2009 A	Aug.15.2009 A															
E188	Cooperating Agency EIS Comments to FTA	7	0	Apr.30.2010 A	May.10.2010 A															
E198	Final EIS Comment Coordination With City & FTA	2	0	May.11.2010 A	Jun.08.2010 A															
E178	FTA EIS Review & Legal Sufficiency Comments to City	7	0	Apr.30.2010 A	Jun.08.2010 A															
E208	Completion of Final EIS to Address Comments	5	0	May.13.2010 A	Jun.10.2010 A															
E218	Review individual Final EIS Changes with FTA	1	0	May.20.2010 A	Jun.10.2010 A															
E260	FTA Final Legal Sufficiency Review	1	0	Jun.11.2010 A	Jun.11.2010 A															
E250	FTA Review of FEIS	177	0	Aug.16.2009 A	Jun.12.2010 A															
E280	Sign Final EIS Cover Page	0	0		Jun.14.2010 A															
E270	Print and Distribute FEIS	2	0	Jun.11.2010 A	Jun.17.2010 A															
E290	Submit NOA to EPA	0	0		Jun.18.2010 A															
E292	Publish NOA into Federal Registrar	4	0	Jun.25.2010 A	Jun.25.2010 A															
E308	Submit FEIS to OEQC	0	0	Jul.12.2010 A																
E294	Federal Registrar Review Period	20	0	Jul.23.2010 A	Aug.26.2010 A															
E302	Submit Draft ROD to FTA (excluding comments)	14	0	Oct.01.2010 A	Oct.29.2010 A															
E287	Reconciliation of Comments on FEIS	13	0	Oct.01.2010 A	Nov.24.2010 A															
E318	OEQC Recomendations to Governor	20	0	Nov.18.2010 A	Dec.16.2010 A															
EM011	Governor Accepts FEIS	0	0	Dec.16.2010 A	Dec.16.2010 A															
E296	FTA Review ROD	20	20	Oct.29.2010 A	Jan.19.2011	619														
<b>Preliminary Engineering</b>		927	90	Oct.10.2007 A	Mar.30.2011	3198														
PE		927	90	Oct.10.2007 A	Mar.30.2011	3198														

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

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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
E180	Preliminary Engineering DB Guideway	45	0	Oct.17.2009 A	Nov.30.2009 A														
D200	Complete PE Program Schedule	90	0	Oct.17.2009 A	Jan.18.2010 A														
D210	Safety & Security Certification Plan	90	0	Oct.10.2007 A	Feb.23.2010 A														
N175	Before & After Data & Milestone 1 Report	500	0	Sep.15.2008 A	Feb.24.2010 A														
D180	Complete PE Project Cost Estimate	90	31	Oct.17.2009 A	Jan.30.2011	3212													
E190	Preliminary Engineering MSF	184	32	Oct.17.2009 A	Jan.31.2011	907													
E210	PE Value Engineering for DBB	15	15	Jan.31.2011	Feb.14.2011	3212													
E200	Preliminary Engineering	325	47	Oct.17.2009 A	Feb.15.2011	3211													
D120	Submit PE Value Engineering Report	30	30	Feb.16.2011	Mar.17.2011	3211													
D170	Complete PE Project Definition/Scope	90	90	Dec.31.2010	Mar.30.2011	3198													
D190	Complete PE Project Development Requirements	90	90	Dec.31.2010	Mar.30.2011	3198													
<b>Permits</b>		<b>1742</b>	<b>1042</b>	<b>Jan.30.2009 A</b>	<b>Nov.07.2013</b>	<b>2246</b>													
<b>Permits</b>		<b>1742</b>	<b>1042</b>	<b>Jan.30.2009 A</b>	<b>Nov.07.2013</b>	<b>2246</b>													
Permit Start Milestone		0	0	Jan.30.2009 A	Jan.30.2009 A														
PMSM	Permit Start Milestone	0	0	Jan.30.2009 A															
Special Management Area (SMA) Use Permit		30	22	Oct.22.2010 A	Jan.26.2011	1382													
EM007	RTD transmits pre-submittal application to DPP	0	0	Oct.22.2010 A	Oct.22.2010 A														
EM293	RTD submits formal SMA application to DPP	4	0	Nov.27.2010 A	Nov.30.2010 A														
SMA310	DPP reviews / accepts SMA application	10	0	Dec.01.2010 A	Dec.15.2010 A														
SMA320	DPP Publish Notice of Public Hearing	0	0	Dec.16.2010 A	Dec.16.2010 A														
SMA340	DPP Public Hearings	2	2	Jan.05.2011	Jan.06.2011	1382													
SMA350	DPP Completes Reports	5	5	Jan.07.2011	Jan.11.2011	1382													
EM015	DPP Submits SMA resolution to City Council	1	1	Jan.12.2011	Jan.12.2011	1382													
SMA360	Zoning Committee	1	1	Jan.20.2011	Jan.20.2011	1382													
SMA370	Full Council	1	1	Jan.26.2011	Jan.26.2011	1382													
SMA380	DPP Issues SMA Use Permit	1	1	Jan.26.2011	Jan.26.2011	1382													
Stream Channel Alteration Permit		147	147	Nov.15.2010 A	May.26.2011	1382													
EM33	RTD reviews draft SCAP from GEC	35	0	Nov.15.2010 A	Dec.23.2010 A														
EM43	RTD Prepares Final SCAP for DTS director Signature	20	15	Dec.27.2010 A	Jan.14.2011	1394													
EM53	RTD Submits SCAP to DLNR for acceptance.	30	30	Jan.27.2011	Feb.25.2011	1382													
EM63	Monthly DLNR CWRM Board Meeting and action	1	1	Mar.28.2011	Mar.28.2011	1409													
EM73	DLNR issues SCAP (90 days from DLNR acceptance)	0	0		May.26.2011	1382													
Section 401/404/10/CZM		840	213	Dec.02.2009 A	Jul.31.2011	3075													
E650	RTD Submits 401 Water Quality Certification to DOH.	180	0	Dec.02.2009 A	Jun.29.2010 A														
EM193	GEC Prepares draft DA Permit (404/10) Application for RTD review	15	15	Jan.03.2011	Jan.17.2011	3075													
EM203	RTD Prepares and Submits Final DA Permit (404/10) Application	15	15	Jan.18.2011	Feb.01.2011	3075													
EM017	GEC Prepares draft CZM Application for RTD review	10	10	Feb.02.2011	Feb.11.2011	3122													
EM223	RTD Prepares and Submits Final CZM Permit Application	10	10	Feb.12.2011	Feb.21.2011	3122													
EM263	State of Hawaii DBEDT issues CZM Certification	90	90	Feb.22.2011	May.22.2011	3122													
E620	State of Hawaii DOH Issues 401 Water Quality Certification	365	180	Jun.29.2010 A	Jun.28.2011	3108													
EM273	Army Corps of Engineers issues DA (404/10) permit	180	180	Feb.02.2011	Jul.31.2011	3075													
Section 402 NPDES Permit		1	1	Feb.19.2009 A	Dec.31.2010	3166													
EM016	Section 402 NPDES Permit - WOFH Construction Contract	1	1	Feb.19.2009 A	Dec.31.2010	3166													
Section 7 Endangered Species Concurrence		63	0	Sep.15.2010 A	Sep.15.2010 A														
EM001	Section 7 (Endangered Species) Concurrence Request	0	0	Sep.15.2010 A	Sep.15.2010 A														
EM004	USFWS Section 7 Concurrence Received	0	0	Sep.15.2010 A	Sep.15.2010 A														
Certificate of Inclusion for Kooloaula		9	9	Dec.31.2010	Jan.08.2011	3158													
EM006	Intergovernmental Agreement with HDOT submitted for Legal Review	1	1	Dec.31.2010	Dec.31.2010	3158													

Remaining Level of Effort    Remaining Work  
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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
EM93	IGA Draft Resolution package transmitted to City Council	5	5	Jan.01.2011	Jan.05.2011	3158														
EM103	IGA Draft Resolution passed by City Council Committee	1	1	Jan.06.2011	Jan.06.2011	3158														
EM113	IGA Draft Resolution passed by Full Council	1	1	Jan.07.2011	Jan.07.2011	3158														
EM123	IGA Signed by DTS Director	1	1	Jan.08.2011	Jan.08.2011	3158														
<b>Special 106 Programatic Agreement</b>		261	10	Apr.28.2010 A	Jan.15.2011	619														
PA185	Section 106 Eligibility Letter to SHPD	20	0	Apr.28.2010 A	Apr.28.2010 A															
PA195	Completion of Section 106 Review for Eligibility	10	0	Apr.30.2010 A	May.27.2010 A															
PA860	PA Draft Resolution package transmitted by MD's office to City Council	10	0	Oct.28.2010 A	Oct.29.2010 A															
PA840	PA Draft Resolution package transmitted to DTS Director for review	1	0	Oct.29.2010 A	Nov.01.2010 A															
PA850	PA Draft Resolution package transmitted to MD for signature	1	0	Oct.29.2010 A	Nov.08.2010 A															
PA880	Council transportation Committee Agenda posted	2	0	Oct.28.2010 A	Nov.10.2010 A															
PA890	PA Draft Resolution passed by Council Transportation Committee	0	0	Nov.12.2010 A	Nov.12.2010 A															
PA900	PA Draft Resolution passed by Full Council	0	0	Nov.22.2010 A	Nov.22.2010 A															
PA910	PA Signed by DTS Director	1	1	Jan.06.2011	Jan.06.2011	619														
PA920	PA Signed by signatories and concurring parties	7	7	Jan.07.2011	Jan.13.2011	619														
PA003	Section 106 PA Finalized & Included in ROD	1	1	Jan.15.2011	Jan.15.2011	619														
<b>NPS Determination regarding Aloha Stadium</b>		360	90	Sep.27.2010 A	Mar.30.2011	3077														
EM133	Letter to DAGS Comptroller regarding future discussions	0	0	Sep.27.2010 A	Sep.27.2010 A															
EM143	DAGS Comptroller request NPS determination	0	0	Oct.29.2010 A	Oct.29.2010 A															
EM005	NPS Determination regarding Aloha Stadium	180	90	Oct.29.2010 A	Mar.30.2011	3077														
<b>FAA Approval of Airport Layout Plan</b>		398	60	Dec.17.2009 A	Mar.20.2011	1126														
E166	FAA Issues Resolved	10	0	Dec.17.2009 A	Apr.28.2010 A															
EM014	FAA Approval of Airport Layout Plan	30	0	Dec.17.2009 A	Apr.28.2010 A															
E830	FAA Record of Decision Issued	60	60	Jan.20.2011	Mar.20.2011	1126														
<b>CZM Consistency Determination</b>		1	1	Jan.10.2012	Jan.10.2012	1113														
EM022	CZM Consistency Determination for FFGA	1	1	Jan.10.2012	Jan.10.2012	1113														
<b>Shoreline Setback Variance</b>		77	77	Sep.09.2011	Nov.24.2011	1675														
SV163	Shoreline Certification Completed	1	1	Sep.09.2011	Sep.09.2011	1675														
SV173	Variance Application submitted to DPP	1	1	Sep.24.2011	Sep.24.2011	1675														
SV183	Variance Application approved by DPP	1	1	Nov.24.2011	Nov.24.2011	1675														
<b>WOFH Permits</b>		1100	375	Jan.30.2009 A	Jan.09.2012	1454														
E640	Community Noise Permit	384	0	Jan.30.2009 A	Aug.18.2009 A															
E630	CWA Section 402 NPDES	308	0	Jan.30.2009 A	Dec.03.2009 A															
E645	Noise Variance Permit	384	0	Jan.30.2009 A	Mar.01.2010 A															
E710	Storm Drain (MS4) Connection from DOT, Highways Division	400	375	Jan.15.2010 A	Jan.09.2012	1454														
E720	Storm Drain (MS4) Connection from UH- Leeward Community College	400	375	Jan.15.2010 A	Jan.09.2012	1454														
E1060	Storm Drain (MS4) Connection from City	400	375	Jan.15.2010 A	Jan.09.2012	1454														
<b>KHG Permits</b>		313	313	Dec.31.2010	Nov.08.2011	2975														
E840	Community Noise Permit	180	180	Dec.31.2010	Jun.28.2011	999														
E860	Noise Variance Permit	180	180	Dec.31.2010	Jun.28.2011	999														
E850	CWA Section 402 NPDES	180	180	Jan.18.2011	Jul.16.2011	3090														
E870	Storm Drain (MS4) Connection from DOT, Highways Division	250	250	Mar.04.2011	Nov.08.2011	866														
E880	Storm Drain (MS4) Connection from UH - Urban Garden	250	250	Mar.04.2011	Nov.08.2011	866														
E1010	Storm Drain (MS4) Connection from US Navy	250	250	Mar.04.2011	Nov.08.2011	866														
E1020	Storm Drain (MS4) Connection from City	250	250	Mar.04.2011	Nov.08.2011	866														
<b>Airport Permits</b>		0	0	Dec.31.2010	Dec.31.2010	3167														
E730	Storm Drain (MS4) Connection from DOT, Airport Division	0	0	Dec.31.2010	Dec.31.2010	1790														
E930	Storm Drain (MS4) Connection from DOT, Highways Division	0	0	Dec.31.2010	Dec.31.2010	3167														
E940	Storm Drain (MS4) Connection from US Navy	0	0	Dec.31.2010	Dec.31.2010	3167														
E910	CWA Section 402 NPDES	0	0	Dec.31.2010	Dec.31.2010	3167														

Remaining Level of Effort    Remaining Work  
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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
E900	Community Noise Permit	0	0	Dec.31.2010	Dec.31.2010	3167													
E920	Noise Variance Permit	0	0	Dec.31.2010	Dec.31.2010	3167													
City Center Permits		1042	1042	Dec.31.2010	Nov.07.2013	2246													
E990	Storm Drain (MS4) Connection from DOT, Highways Division	0	0	Dec.31.2010	Dec.31.2010	3167													
E1000	Storm Drain (MS4) Connection from UH-Honolulu Community College	0	0	Dec.31.2010	Dec.31.2010	3167													
E970	CWA Section 402 NPDES	0	0	Dec.31.2010	Dec.31.2010	3288													
E960	Community Noise Permit	0	0	Dec.31.2010	Dec.31.2010	3288													
E1040	Storm Drain (MS4) Connection from City	0	0	Dec.31.2010	Dec.31.2010	3167													
E810	Special District Permit for Chinatown (City Center)	0	0	Nov.07.2013	Nov.07.2013	2125													
E820	Project Eligibility and Development Permit (Kaka'ako)	0	0	Nov.07.2013	Nov.07.2013	2125													
General		225	65	Oct.19.2009 A	Mar.05.2011	3102													
E770	Flood Plain Determination from City/County	225	65	Oct.19.2009 A	Mar.05.2011	3102													
Permit Finish Milestone		0	0	Nov.07.2013	Nov.07.2013	2125													
PMFM	Permit Finish Milestone	0	0	Nov.07.2013	Nov.07.2013	2125													
<b>Road Map to Final Design</b>		<b>469</b>	<b>318</b>	<b>Feb.24.2010 A</b>	<b>Nov.13.2011</b>	<b>2849</b>													
<b>Entry into Final Design</b>		<b>469</b>	<b>318</b>	<b>Feb.24.2010 A</b>	<b>Nov.13.2011</b>	<b>2849</b>													
~		<b>415</b>	<b>318</b>	<b>Feb.24.2010 A</b>	<b>Nov.13.2011</b>	<b>2849</b>													
Road Map Start Milestone		0	0	Feb.24.2010 A	Feb.24.2010 A														
RMSM	Road Map Start Milestone	0	0	Feb.24.2010 A															
Road Map to FFGA		90	90	Aug.16.2011	Nov.13.2011	2849													
F120	Update PMP Basic Requirements for Constr	30	30	Aug.16.2011	Sep.14.2011	2909													
F140	Update Procurement Plans for Constr Phase	30	30	Aug.16.2011	Sep.14.2011	991													
F150	Update PMP Plans for Constr	45	45	Aug.16.2011	Sep.29.2011	976													
F160	Update PMP Project Procedures for Constr	60	60	Aug.16.2011	Oct.14.2011	961													
F100	Update 3rd Party Agreements for Constr Phase	90	90	Aug.16.2011	Nov.13.2011	874													
"Non Road Map" Final Design Activity		323	178	Sep.25.2010 A	Aug.13.2011	416													
RD299	Bottoms Up Estimate From PB	0	0		Sep.25.2010 A														
D095	Update Travel Forecasts for FD Phase	5	5	Feb.17.2011	Feb.21.2011	443													
D140	Update New Starts Submittal	20	20	Mar.26.2011	Apr.14.2011	416													
D240	FTA Reviews Request to Enter Final Design	120	120	Apr.16.2011	Aug.13.2011	416													
"Non Road Map Activity" Prep - SSCR Packaging		183	120	Oct.01.2010 A	Apr.29.2011	577													
RD340	GEC to Prepare / Turn Over Risk Analysis & Other Deliverables	108	0	Oct.01.2010 A	Dec.22.2010 A														
RD300	RTD Review of Bottoms Up Estimate	30	0	Oct.15.2010 A	Dec.31.2010	420													
RD350	RTD Packages SSCR	5	5	Jan.05.2011	Jan.09.2011	416													
RD360	PMOC Review of SSCR.	20	20	Jan.10.2011	Jan.29.2011	416													
RD370	Submittal of Draft Financial Plan	10	10	Feb.17.2011	Feb.26.2011	577													
RD411	Prepare LONP 1 Request	5	5	Feb.27.2011	Mar.03.2011	577													
RD421	FTA Review LONP Request	57	57	Mar.04.2011	Apr.29.2011	577													
<b>1.00 Completion of the Environmental Process</b>		<b>10</b>	<b>10</b>	<b>Nov.04.2010 A</b>	<b>Jan.09.2011</b>	<b>624</b>													
No Phase		10	10	Nov.04.2010 A	Jan.09.2011	624													
EFD1.12	Fish & Wildlife Sign-off	1	0	Nov.04.2010 A	Nov.04.2010 A														
EFD1.01	Programatic agreements on Section 106 Impacts	10	10	Dec.31.2010	Jan.09.2011	624													
<b>2.00 Completion of Preliminary Engineering</b>		<b>271</b>	<b>104</b>	<b>Feb.24.2010 A</b>	<b>Apr.13.2011</b>	<b>417</b>													
2.10 Project Derfinitions Scope		141	85	Oct.07.2010 A	Mar.25.2011	436													
EFD2.11	Design Drawings	1	0	Oct.07.2010 A	Oct.07.2010 A														
EFD2.17	Geotechnical Reports	1	0	Nov.05.2010 A	Nov.05.2010 A														
EFD2.12	Standard and Directive Drawings	1	0	Nov.18.2010 A	Nov.18.2010 A														
EFD2.13	Copendum of Design Criteria	1	0	Nov.18.2010 A	Nov.18.2010 A														
EFD2.14	Standard Specifications	1	0	Nov.18.2010 A	Nov.18.2010 A														
EFD2.15	Special Provisions	1	0	Dec.15.2010 A	Dec.15.2010 A														

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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
EFD2.16	Master Plan and Schedule for Permits	3	3	Dec.31.2010	Jan.02.2011	418													
EFD2.18	Documentation for level boarding of all Stations / Vehicles	37	37	Feb.17.2011	Mar.25.2011	436													
2.20 Project Costs, Schedule and Financial Plan		49	49	Dec.21.2010 A	Feb.17.2011	423													
EFD2.26	Budget and Schedule for ROW acquisition	1	0	Dec.21.2010 A	Dec.21.2010 A														
EFD2.21	Capital Cost Estimate (Original Format by Estimate)	1	1	Dec.31.2010	Dec.31.2010	420													
EFD2.22	Capital Cost Estimate (Scc Format)	1	1	Dec.31.2010	Dec.31.2010	420													
EFD2.23	Capital Cost Estimate (Basis of Estimate)	1	1	Dec.31.2010	Dec.31.2010	420													
EFD2.25	Master Project Schedule - (Basis of Schedule)	1	1	Dec.31.2010	Dec.31.2010	420													
EFD2.27	O&M Cost Estimate and Supporting Information	1	1	Dec.31.2010	Dec.31.2010	420													
EFD2.24	Master Project Schedule	5	5	Dec.31.2010	Jan.04.2011	416													
EFD2.28	Financial Plan and Supporting Information	1	1	Feb.17.2011	Feb.17.2011	423													
2.30 Project Development Requirements		271	104	Feb.24.2010 A	Apr.13.2011	417													
EFD2.32	Inclusion of final design in TIP/STIP	90	11	Aug.02.2010 A	Jan.10.2011	510													
EFD2.31	Materials Preserved for the Before and After Study	120	63	Feb.24.2010 A	Mar.03.2011	458													
RD401	RTD-Financial Plan Finalized	20	20	Mar.25.2011	Apr.13.2011	417													
3.00 Update of the Project Management Plan (PMP)		271	90	Feb.24.2010 A	Mar.30.2011	1364													
3.01 Basic Requirements		14	1	Apr.23.2010 A	Jan.01.2011	424													
EFD3.04	State Safety Oversight Agency	1	0	Apr.23.2010 A	Apr.23.2010 A														
EFD3.02	Organization of Project Sponsor Staff (Staffing Plan)	14	0	Nov.16.2010 A	Nov.16.2010 A														
EFD3.03	Project Budget and Schedule	1	1	Jan.01.2011	Jan.01.2011	424													
3.10 Procedures		11	11	Dec.31.2010	Jan.10.2011	510													
EFD3.11	Policies and Procedures (1.PA)	11	11	Dec.31.2010	Jan.10.2011	510													
EFD3.12	Project Administration (2.PA)	11	11	Dec.31.2010	Jan.10.2011	510													
EFD3.13	Project Management (3.PM)	11	11	Dec.31.2010	Jan.10.2011	510													
EFD3.14	Project Controls (4.PC)	11	11	Dec.31.2010	Jan.10.2011	510													
EFD3.15	Contract Administration (5.CA)	11	11	Dec.31.2010	Jan.10.2011	510													
EFD3.16	Contract Management and Interface (6.CM)	11	11	Dec.31.2010	Jan.10.2011	510													
3.20 Plans		175	36	Nov.01.2010 A	Mar.24.2011	437													
EFD3.21	Project Management Plan (PMP)	28	0	Nov.01.2010 A	Dec.07.2010 A														
EFD3.23	Real Estate Acquisition Management Plan	1	0	Dec.20.2010 A	Dec.20.2010 A														
EFD3.25	Bus Fleet Management Plan	1	0	Dec.21.2010 A	Dec.21.2010 A														
EFD3.26	Safety and Security Management Plan "SSMP"	1	0	Dec.30.2010 A	Dec.30.2010 A														
EFD3.29	Safety and Security Certification Plan "SSCP"	1	0	Dec.30.2010 A	Dec.30.2010 A														
EFD3.24	Rail Fleet Management Plan "RFMP"	9	9	Feb.17.2011	Feb.25.2011	464													
EFD3.22	Risk and Contingency Management Plan (formerly PEP)	1	1	Mar.24.2011	Mar.24.2011	437													
3.30 Plans (Continued)		58	57	Oct.15.2010 A	Feb.25.2011	464													
EFD3.32	Configuration Management Plan	1	0	Oct.15.2010 A	Oct.15.2010 A														
EFD3.33	Environmental Mitigation Plan	30	15	Dec.15.2010 A	Jan.14.2011	506													
EFD3.34	Force Account Plan	15	15	Dec.31.2010	Jan.14.2011	506													
EFD3.35	Quality Plan	30	15	Dec.15.2010 A	Jan.14.2011	506													
EFD3.31	Operating Plan	9	9	Feb.17.2011	Feb.25.2011	464													
3.40 Other Project Management Products		1	0	Oct.07.2010 A	Oct.07.2010 A														
EFD3.41	Value Engineering Reports	1	0	Oct.07.2010 A	Oct.07.2010 A														
3.50 Procurement Contract Packages		1	0	Feb.24.2010 A	Dec.22.2010 A														
EFD3.53	General Conditions - design / build	1	0	Feb.24.2010 A	Feb.24.2010 A														
EFD3.54	General Conditions - design / bid / build	1	0	Feb.24.2010 A	Feb.24.2010 A														
EFD3.51	Contracting Plan for FD, Construction, Procurement	1	0	Dec.20.2010 A	Dec.20.2010 A														
EFD3.52	Claims Avoidance Plan for FD, Construction, Procurement.	1	0	Dec.22.2010 A	Dec.22.2010 A														
3.60 Third Party Agreements		180	90	Feb.24.2010 A	Mar.30.2011	1364													
EFD3.61a	Utility Agreements / WOFH Engineering Services	1	0	Feb.24.2010 A	Feb.24.2010 A														

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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
EFD3.61b	Utility Agreements / WOFH Construction	60	60	Dec.31.2010	Feb.28.2011	1394													
EFD3.61c	Utility Agreements / KHG Engineering Services	60	60	Dec.31.2010	Feb.28.2011	637													
EFD3.62	Master and Interagency Agreements	180	90	Oct.27.2010 A	Mar.30.2011	431													
3.70	Final Spot Report On the PMP Documents	30	30	Dec.31.2010	Jan.29.2011	460													
EFD3.70	Final Spot Report on the PMP Documents	30	30	Dec.31.2010	Jan.29.2011	460													
3.80	Final Spot Report on Technical Capacity	30	30	Dec.31.2010	Jan.29.2011	470													
EFD3.80	Final Spot Report on Technical Capacity and Capability	30	30	Dec.31.2010	Jan.29.2011	470													
3.90	Letter of Acceptance of the PMP documents	10	10	Jan.30.2011	Feb.08.2011	460													
EFD3.90	Letter of Acceptance of the PMP Documents	10	10	Jan.30.2011	Feb.08.2011	460													
4.00	Risk Assessment	249	249	Jan.10.2011	Sep.15.2011	1230													
4.00	Risk Assessment	249	249	Jan.10.2011	Sep.15.2011	1230													
EFD4.01	Pre-Risk-Assessment Work Shop	2	2	Jan.10.2011	Jan.11.2011	448													
EFD4.02	Risk Assessment Review - PMOC Work Shops 1 & 2	40	40	Feb.13.2011	Mar.24.2011	416													
EFD4.03	"PMOC" Draft Report to FTA - OP 40	14	14	Mar.25.2011	Apr.07.2011	1347													
EFD4.04	Draft Report to City	30	30	Apr.08.2011	May.07.2011	1347													
EFD4.05	Risk Assessment and Mitigation Report reconciliation	14	14	May.08.2011	May.21.2011	1347													
EFD4.02a	Mitigation-Framework Workshop 3	30	30	Aug.17.2011	Sep.15.2011	1230													
5.00	Entry into Final Design	320	258	Feb.26.2010 A	Sep.14.2011	2909													
5.10	Entry into Final Design : New Starts Templates, Certification, and Reports	85	85	Dec.31.2010	Mar.25.2011	416													
EFD5.13	Land Use: supporting information	30	30	Dec.31.2010	Jan.29.2011	466													
EFD5.14	Case for the project	1	1	Feb.22.2011	Feb.22.2011	447													
EFD5.11	New Starts criteria templates and certification	5	5	Feb.22.2011	Feb.26.2011	443													
EFD5.12	SCC worksheets for cost and schedule	1	1	Mar.25.2011	Mar.25.2011	416													
5.20	Entry into Final Design: Administrative Requirements	1	0	Feb.26.2010 A	Feb.26.2010 A														
EFD5.21	Legal Capacity to undertake implementation	0	0	Feb.26.2010 A	Feb.26.2010 A														
EFD5.22	Authority for design-build contracting	0	0	Feb.26.2010 A	Feb.26.2010 A														
5.30	Entry into Final Design: Project Evaluations and Ratings	119	119	Jan.30.2011	May.28.2011	423													
EFD5.32	Land use assessment - FTA Review	1	1	Jan.30.2011	Jan.30.2011	541													
EFD5.33	Project Ratings	1	1	Apr.15.2011	Apr.15.2011	466													
EFD5.34	Readiness to enter FD - Review "OP51"	14	14	Apr.16.2011	Apr.29.2011	452													
EFD5.31	Financial Capacity assessment	100	100	Feb.18.2011	May.28.2011	423													
5.40	Approval Into Final Design	121	121	Apr.15.2011	Aug.13.2011	416													
EFD5.41	Letter of request for entry into final design	1	1	Apr.15.2011	Apr.15.2011	416													
EFD5.42	Decision Memorandum - FTA	60	60	May.29.2011	Jul.27.2011	423													
EFD5.43	10-day Notice to Congress	10	10	Aug.04.2011	Aug.13.2011	416													
5.90	Letter of Approval for Final Design	3	3	Aug.14.2011	Aug.16.2011	416													
EFD5.90	Letter of Approval for Final Design	3	3	Aug.14.2011	Aug.16.2011	416													
Road Map	Finish Milestone	0	0	Sep.14.2011	Sep.14.2011	2909													
RMFM	Road Map Finish Milestone	0	0	Sep.14.2011	Sep.14.2011	2909													
<b>FULL FUNDING GRANT AGREEMENT</b>		<b>622</b>	<b>622</b>	<b>Dec.31.2010</b>	<b>Sep.12.2012</b>	<b>874</b>													
<b>Project Wide</b>		<b>622</b>	<b>622</b>	<b>Dec.31.2010</b>	<b>Sep.12.2012</b>	<b>874</b>													
~		<b>622</b>	<b>622</b>	<b>Dec.31.2010</b>	<b>Sep.12.2012</b>	<b>874</b>													
Full Funding Grant Agreement		622	622	Dec.31.2010	Sep.12.2012	874													
F290	Update PMP for FFGA	1	1	Dec.31.2010	Dec.31.2010	1248													
F110	Update Travel Forecasts at FFGA	10	10	Aug.16.2011	Aug.25.2011	1011													
F180	Update Risk Assessment for FFGA	30	30	Aug.16.2011	Sep.14.2011	991													
F170	FTA Financial Capacity Assessment for FFGA	45	45	Aug.16.2011	Sep.29.2011	919													
F220	FFGA Application	30	30	Nov.14.2011	Dec.13.2011	874													
F230	City Council Authorizing Resolution of FFGA	27	27	Dec.14.2011	Jan.09.2012	874													
F240	Request FFGA	0	0	Jan.09.2012	Jan.09.2012	874													

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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
F250	FTA Review FFGA	180	180	Jan.10.2012	Jul.07.2012	874													
F260	Congressional Review	60	60	Jul.08.2012	Sep.05.2012	874													
F280	City Executes FFGA	7	7	Sep.06.2012	Sep.12.2012	874													
<b>PROJECT WIDE CONTRACTS</b>		<b>4196</b>	<b>2971</b>	<b>Aug.24.2007 A</b>	<b>Feb.17.2019</b>	<b>317</b>													
<b>General</b>		<b>4196</b>	<b>2971</b>	<b>Aug.24.2007 A</b>	<b>Feb.17.2019</b>	<b>317</b>													
<b>MMSM MMSM Start Milestone</b>		<b>0</b>	<b>0</b>	<b>Sep.15.2008 A</b>	<b>Sep.15.2008 A</b>														
<b>Program and Project Management</b>		<b>0</b>	<b>0</b>	<b>Sep.15.2008 A</b>	<b>Sep.15.2008 A</b>														
MMSM	MM Start Milestone	0	0	Sep.15.2008 A															
<b>CCH100 City and County of Honolulu</b>		<b>3200</b>	<b>2950</b>	<b>Sep.25.2009 A</b>	<b>Jan.27.2019</b>	<b>338</b>													
<b>Program and Project Management</b>		<b>3200</b>	<b>2950</b>	<b>Sep.25.2009 A</b>	<b>Jan.27.2019</b>	<b>338</b>													
CCH100	City and County of Honolulu	3200	2950	Sep.25.2009 A	Jan.27.2019	338													
<b>UTIL Utilities by Utility Companies (Elec. Telecomm.)</b>		<b>1461</b>	<b>1461</b>	<b>Feb.12.2011</b>	<b>Feb.11.2015</b>	<b>1784</b>													
<b>Program and Project Management</b>		<b>1461</b>	<b>1461</b>	<b>Feb.12.2011</b>	<b>Feb.11.2015</b>	<b>1784</b>													
UTIL	Utilities by Utility Companies (Elec. Telecomm.)	1461	1461	Feb.12.2011	Feb.11.2015	1784													
<b>MM900 Program Management Support Consultant</b>		<b>2255</b>	<b>1461</b>	<b>Sep.15.2008 A</b>	<b>Dec.30.2014</b>	<b>1827</b>													
<b>Program and Project Management</b>		<b>2255</b>	<b>1461</b>	<b>Sep.15.2008 A</b>	<b>Dec.30.2014</b>	<b>1827</b>													
S050	Prepare/Issue RFP for PMS Contract	331	0	Sep.15.2008 A	Aug.11.2009 A														
S100	Propose-Award Program Management Support Cont	99	0	Aug.12.2009 A	Nov.18.2009 A														
S120	Program Management Support Contract	1825	1461	Nov.18.2009 A	Dec.30.2014	1827													
<b>MM905 General Engineering Consultant Contract (1st)</b>		<b>955</b>	<b>58</b>	<b>Aug.24.2007 A</b>	<b>Feb.26.2011</b>	<b>330</b>													
<b>Program and Project Management</b>		<b>955</b>	<b>58</b>	<b>Aug.24.2007 A</b>	<b>Feb.26.2011</b>	<b>330</b>													
S500	GEC (1) EIS and Preliminary Engineering	955	58	Aug.24.2007 A	Feb.26.2011	330													
<b>MM910 General Engineering Consultant Contract (2nd)</b>		<b>3808</b>	<b>2971</b>	<b>Sep.15.2008 A</b>	<b>Feb.17.2019</b>	<b>317</b>													
<b>Program and Project Management</b>		<b>3808</b>	<b>2971</b>	<b>Sep.15.2008 A</b>	<b>Feb.17.2019</b>	<b>317</b>													
V050	Prepare/Issue RFP for GEC Contract	353	0	Sep.15.2008 A	Sep.02.2009 A														
V100	Propose-Award GEC Contract 2	212	71	Sep.03.2009 A	Mar.11.2011	317													
V120	General Engineering Consultant Contract 2	2900	2900	Mar.12.2011	Feb.17.2019	317													
<b>MM915 HDOT Traffic Management Coordination Consultant</b>		<b>1480</b>	<b>1480</b>	<b>Mar.04.2011</b>	<b>Mar.22.2015</b>	<b>1745</b>													
<b>Program and Project Management</b>		<b>1480</b>	<b>1480</b>	<b>Mar.04.2011</b>	<b>Mar.22.2015</b>	<b>1745</b>													
HD70	Procure HDOT Traffic Management Coordination Consultant	120	120	Mar.04.2011	Jul.01.2011	1745													
HD40	HDOT Traffic Management Coordination Consultant	1360	1360	Jul.02.2011	Mar.22.2015	1745													
<b>MM920 HDOT Coordination Contract</b>		<b>1581</b>	<b>1581</b>	<b>Jan.01.2011</b>	<b>Apr.30.2015</b>	<b>1706</b>													
<b>Program and Project Management</b>		<b>1581</b>	<b>1581</b>	<b>Jan.01.2011</b>	<b>Apr.30.2015</b>	<b>1706</b>													
HD10	Procure HDOT Coordination Contract	120	120	Jan.01.2011	Apr.30.2011	1706													
HD20	HDOT Coordination	1461	1461	May.01.2011	Apr.30.2015	1706													
<b>MM925 HDOT Coordination Consultant Oversight</b>		<b>1475</b>	<b>1475</b>	<b>Feb.15.2011</b>	<b>Feb.28.2015</b>	<b>1767</b>													
<b>Program and Project Management</b>		<b>1475</b>	<b>1475</b>	<b>Feb.15.2011</b>	<b>Feb.28.2015</b>	<b>1767</b>													
HD30	HDOT Coordination Consultant Oversight	1475	1475	Feb.15.2011	Feb.28.2015	1767													
<b>MM930 HDOT State Oversight Agency (SOA)</b>		<b>2875</b>	<b>2875</b>	<b>Feb.01.2011</b>	<b>Dec.15.2018</b>	<b>381</b>													
<b>Program and Project Management</b>		<b>2875</b>	<b>2875</b>	<b>Feb.01.2011</b>	<b>Dec.15.2018</b>	<b>381</b>													
HD50	Procure HDOT State Oversight Agency (SOA)	75	75	Feb.01.2011	Apr.16.2011	381													
HD80	HDOT State Oversight Agency (SOA)	2800	2800	Apr.17.2011	Dec.15.2018	381													
<b>MM935 Real Estate Consultant</b>		<b>1111</b>	<b>1111</b>	<b>Feb.02.2011</b>	<b>Feb.16.2014</b>	<b>2144</b>													
<b>Program and Project Management</b>		<b>1111</b>	<b>1111</b>	<b>Feb.02.2011</b>	<b>Feb.16.2014</b>	<b>2144</b>													
HD60	Procure Real Estate Consultant	75	75	Feb.02.2011	Apr.17.2011	2144													
HD90	Real Estate Consultant	1036	1036	Apr.18.2011	Feb.16.2014	2144													
<b>MI930 Elevators &amp; Escalators P/I/T/C</b>		<b>2621</b>	<b>2621</b>	<b>Mar.19.2011</b>	<b>May.21.2018</b>	<b>589</b>													
<b>Project Wide</b>		<b>2621</b>	<b>2621</b>	<b>Mar.19.2011</b>	<b>May.21.2018</b>	<b>589</b>													
L120	GEC Specify Elevators and Escalators	45	45	Mar.19.2011	May.02.2011	2778													
L100	RTD Review / Revise	15	15	May.03.2011	May.17.2011	2778													
L130	Prepare Request For Proposal (RFP)	45	45	May.18.2011	Jul.01.2011	2778													

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
L140	Release Request For Proposal (RFP)	10	10	Jul.02.2011	Jul.11.2011	2778													
L150	Prepare Proposals	60	60	Jul.12.2011	Sep.09.2011	2778													
L160	Receive Proposals	1	1	Sep.10.2011	Sep.10.2011	2778													
L170	Evaluate and Select	45	45	Sep.11.2011	Oct.25.2011	2778													
L180	Contract Assembly	30	30	Oct.26.2011	Nov.24.2011	2778													
L190	Issue NTP	1	1	Nov.25.2011	Nov.25.2011	2778													
L200	Manufacture Elevator and Escalators	180	180	Nov.26.2011	May.23.2012	2778													
L110	Elevators & Escalators Furnish / Install / Maintain	2621	2621	Mar.19.2011	May.21.2018	589													
OF950	Owner Furnished Plants and Shrubs	2486	2486	Aug.01.2011	May.21.2018	589													
	Project Wide	2486	2486	Aug.01.2011	May.21.2018	589													
OF10	Procure Owner Furished Plants & Shrubs	2486	2486	Aug.01.2011	May.21.2018	589													
MMFM	MM Finish Milestone	0	0	Feb.17.2019	Feb.17.2019	317													
	Project Wide	0	0	Feb.17.2019	Feb.17.2019	317													
MMFM	MM Finish Milestone	0	0		Feb.17.2019	317													
	No Phase	120	0	Jul.28.2009 A	Nov.24.2009 A														
W500	Award & Perform Drilled Shaft Test Program	120	0	Jul.28.2009 A	Nov.24.2009 A														
<b>MAINTENANCE &amp; STORAGE FACILITY CONTRACT</b>		2131	1294	Sep.15.2008 A	Jul.16.2014	1391													
<b>Maintenance Storage Facility</b>		2131	1294	Sep.15.2008 A	Jul.16.2014	1391													
<b>ROW Right-of-Way Acquisition</b>		490	490	Jan.20.2011	May.23.2012	2175													
<b>Right-of-Way</b>		490	490	Jan.20.2011	May.23.2012	2175													
MS19	Purchase ROW for Maint. Storage Facility	490	490	Jan.20.2011	May.23.2012	2175													
<b>PE200 Procurement MSF DB Contract</b>		1066	229	Sep.15.2008 A	Aug.17.2011	845													
<b>General</b>		306	0	Sep.15.2008 A	Jul.17.2009 A														
P400	Prepare Part 1 DB RFP MSF	256	0	Sep.15.2008 A	May.28.2009 A														
P620	Issue Part 1 DB MSF RFP	0	0	May.29.2009 A															
P430	Pre-Proposal Conference Part 1	1	0	Jun.10.2009 A	Jun.10.2009 A														
P435	Prepare Questions for Part 1 RFP	5	0	Jun.13.2009 A	Jun.17.2009 A														
P440	Issue Part 1 Final Addendum Part 1	1	0	Jun.24.2009 A	Jun.24.2009 A														
P450	Offerors Prepare DB MSF Part 1 Response	14	0	Jun.18.2009 A	Jul.01.2009 A														
P460	Offerors Submit DB RFP Part 1 MSF	0	0	Jul.02.2009 A															
P475	Evaluate DB MSF Part 1 Submittals	9	0	Jul.06.2009 A	Jul.14.2009 A														
P485	RFP Part 1 Eval & Determine Priority List	1	0	Jul.17.2009 A	Jul.17.2009 A														
<b>Phase 1</b>		838	229	May.01.2009 A	Aug.17.2011	845													
P412	City Review Part 2 DB RFP MSF	26	0	May.25.2009 A	Jul.01.2009 A														
P414	Complete Part 2 DB RFP MSF	27	0	Jun.15.2009 A	Jul.22.2009 A														
P410	Prepare Part 2 DB RFP MSF	16	0	May.01.2009 A	Jul.23.2009 A														
P680	Issue Part 2 DB MSF RFP	0	0	Jul.23.2009 A	Jul.23.2009 A														
P490	Pre-Proposal Conference Part 2	2	0	Sep.15.2009 A	Sep.16.2009 A														
P500	Last Day for Questions Part 2	1	0	Nov.12.2009 A	Nov.12.2009 A														
P510	Issue Final Addendum Part 2	0	0	Jan.28.2010 A	Jan.28.2010 A														
P520	Offerors Prepare DB Part 2 MSF Response	141	0	Jul.24.2009 A	Feb.16.2010 A														
P530	Offerors Submit DB Part 2 MSF	1	0	Feb.17.2010 A	Feb.17.2010 A														
P540	Evaluate Offerors Proposals Part 2	21	0	Feb.18.2010 A	Mar.19.2010 A														
P544	BAFO Determination	1	0	Mar.23.2010 A	Mar.23.2010 A														
P542	Selection Committee Meets	2	0	Mar.22.2010 A	Mar.23.2010 A														
P546	Notification to Offerors of Discussion	1	0	Mar.24.2010 A	Mar.24.2010 A														
P556	Selection Committee Meeting	3	0	Oct.01.2010 A	Oct.05.2010 A														
P640	Select MSF DB Contract	0	0	Oct.06.2010 A															
P641	Prepare MSF Contract For Signature	21	15	Dec.01.2010 A	Jan.14.2011	746													

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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
P642	Contractor Execute Contract	10	10	Jan.18.2011	Jan.31.2011	504													
P645	Execute MSF Contract	10	10	Feb.01.2011	Feb.14.2011	504													
P684	Issue NTP 1 for Preliminary Engineering	0	0	Feb.15.2011		893													
P685	Issue NTP 2 DB MSF Final Design	0	0	Aug.17.2011		710													
P1150	Issue NTP 3 DB MSF Construction	0	0	Aug.17.2011		845													
<b>DB200</b>	<b>Maintenance Storage Facility DB Contract</b>	<b>1065</b>	<b>1065</b>	<b>Aug.17.2011</b>	<b>Jul.16.2014</b>	<b>1390</b>													
	Design	545	545	Aug.17.2011	Feb.11.2013	710													
M100	MSF Design	545	545	Aug.17.2011	Feb.11.2013	710													
	Phase 2	930	930	Dec.30.2011	Jul.16.2014	1390													
M200	Deliver Rail to DB120 Contract	1	1	Oct.30.2012	Oct.30.2012	1952													
M220	Deliver Special Trackwork to DB120 Contract	1	1	Dec.08.2012	Dec.08.2012	1944													
M240	Deliver Third Rail to DB120 Contract	1	1	Jan.08.2013	Jan.08.2013	1944													
M550	MSF Ready for CSC at grade.	0	0	Dec.30.2013		1411													
M575	MSF OCC Building Available for CSC Installation	1	1	Dec.27.2013	Dec.30.2013	1009													
M799	Delivery of Balance of System Trackwork	5	5	Jan.13.2014	Jan.18.2014	710													
M510	Deliver System Trackwork to DB320 Contract	1	1	Jun.02.2014	Jun.02.2014	754													
M500	OSB & MOW Bldg Construction/DB Contract Compl.	930	930	Dec.30.2011	Jul.16.2014	710													
M600	MSF Substantial Completion	0	0		Jul.16.2014	710													
	Contract Duration	1065	1065	Aug.17.2011	Jul.16.2014	710													
P695	MSF Contract Duration	1065	1065	Aug.17.2011	Jul.16.2014	710													
<b>GUIDEWAY CONTRACTS</b>		<b>3199</b>	<b>2362</b>	<b>Sep.15.2008 A</b>	<b>Jun.18.2017</b>	<b>805</b>													
<b>West Oahu/Farrington Guideway SEC 1A SB,C</b>		<b>2222</b>	<b>1475</b>	<b>Sep.15.2008 A</b>	<b>Jan.13.2015</b>	<b>1692</b>													
<b>ROW Right-of-Way Acquisition</b>		<b>490</b>	<b>490</b>	<b>Jan.20.2011</b>	<b>May.23.2012</b>	<b>2175</b>													
Right-of-Way		490	490	Jan.20.2011	May.23.2012	2175													
WO19	WOFH Guideway Acquisition Duration	490	490	Jan.20.2011	May.23.2012	2175													
<b>PE120 Procurement WOFH Guideway DB</b>		<b>1066</b>	<b>155</b>	<b>Sep.15.2008 A</b>	<b>Aug.17.2011</b>	<b>1300</b>													
Notice to Proceed		155	155	Mar.15.2011	Aug.17.2011	1300													
P406	Issue NTP 2A WOFH DB Guideway - Utilities Relocation	0	0	Mar.15.2011		1380													
P408	Issue NTP 3 WOFH DB Guideway - Final Design	0	0	Aug.16.2011		1300													
P390	Issue NTP 4 WOFH DB Guideway - Construction Begin	0	0	Aug.17.2011		879													
General		194	0	Sep.15.2008 A	Mar.27.2009 A														
P100	Prepare Part 1 DB RFP Guideway	142	0	Sep.15.2008 A	Feb.03.2009 A														
P120	Issue Part 1 DB Guideway RFP	0	0	Feb.04.2009 A															
P130	Pre-Proposal Conference Part 1	1	0	Feb.18.2009 A	Feb.18.2009 A														
P135	Prepare Questions for Part 1 RFP	7	0	Feb.19.2009 A	Feb.25.2009 A														
P140	Prepare & Issue Part 1 Final Addendum	7	0	Feb.26.2009 A	Mar.04.2009 A														
P150	Offerors Prepare DB Guideway Part 1 Response	8	0	Mar.05.2009 A	Mar.12.2009 A														
P160	Offerors Submit DB RFP Part 1 Guideway	0	0	Mar.13.2009 A															
P175	Evaluate DB Guideway Part 1 Submittals	11	0	Mar.13.2009 A	Mar.23.2009 A														
P185	RFP Part 1 Eval & Determine Priority List	4	0	Mar.24.2009 A	Mar.27.2009 A														
Phase 1		711	0	Sep.15.2008 A	Jun.04.2010 A														
P110	Prepare Part 2 DB RFP Guideway	88	0	Sep.15.2008 A	Jan.20.2009 A														
P112	City Review Part 2 DB RFP Guideway	20	0	Jan.21.2009 A	Feb.17.2009 A														
P114	Complete Part 2 DB RFP Guideway	18	0	Feb.18.2009 A	Mar.13.2009 A														
P180	Issue Part 2 DB Guideway RFP	0	0	Apr.03.2009 A															
P190	Pre-Proposal Conference Part 2	1	0	May.07.2009 A	May.07.2009 A														
P200	Prepare Questions Part 2	37	0	May.08.2009 A	Jul.01.2009 A														
P205	Last Day for Questions Part 2	1	0	Jul.02.2009 A	Jul.02.2009 A														
P210	Issue Final Addendum Part 2	1	0	Aug.07.2009 A	Aug.07.2009 A														
P220	Offerors Prepare DB Part 2 G'way Response	75	0	May.11.2009 A	Aug.27.2009 A														

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
P230	Offerors Submit DB Part 2 Guideway	1	0	Aug.28.2009 A	Aug.28.2009 A															
P240	Evaluate Offerors Proposals Part 2	8	0	Aug.31.2009 A	Sep.10.2009 A															
P265	Selection Committee Meeting	1	0	Sep.11.2009 A	Sep.11.2009 A															
P275	BAFO Determination	1	0	Sep.14.2009 A	Sep.14.2009 A															
P290	Discussion with Offerors	6	0	Sep.17.2009 A	Sep.24.2009 A															
P330	Selection Committee Meeting	2	0	Sep.28.2009 A	Sep.29.2009 A															
P335	Make Selection	1	0	Oct.14.2009 A	Oct.14.2009 A															
P340	Award DB Guidway Contract	0	0	Oct.21.2009 A																
P345	Contractor Execute Contract	13	0	Oct.21.2009 A	Nov.06.2009 A															
P350	City Executes DB Contract	3	0	Nov.09.2009 A	Nov.11.2009 A															
P380	Issue NTP 1 DB Guideway	0	0	Dec.01.2009 A																
P392	Issue NTP 1A WOFH DB Guideway	0	0	Mar.11.2010 A																
P402	Issue NTP 1B WOFH DB Guideway	0	0	Mar.23.2010 A																
P404	Issue NTP 1C WOFH DB Guideway	0	0	Jun.04.2010 A	Jun.04.2010 A															
<b>DB120 W. Oahu / Farrington Guideway DB Contract</b>		<b>1780</b>	<b>1475</b>	<b>Dec.01.2009 A</b>	<b>Jan.13.2015</b>	<b>1692</b>														
Design		576	472	Dec.01.2009 A	Apr.15.2012	2213														
W100	West Oahu / Farrington Guideway DB Contract Design	576	472	Dec.01.2009 A	Apr.15.2012	2213														
Guideway Contract / Construction		1665	1385	Mar.11.2010 A	Oct.15.2014	1782														
W105	Geotechnical Work	325	282	Mar.11.2010 A	Oct.08.2011	1454														
W140	Final Track Alignment Plans	1	1	Dec.30.2011	Dec.30.2011	2304														
W150	Final Trackwork Design & Specifications	1	1	Mar.31.2012	Mar.31.2012	2213														
W110	WOFH Guideway DB Contract Utilities	500	500	Apr.11.2011	Aug.22.2012	1353														
W160	Relocate Buildings in Waipahu HS & LCC	15	15	Aug.11.2012	Aug.25.2012	2081														
W130	City Supplied Steel Rails from MSF	63	63	Nov.08.2012	Jan.09.2013	1944														
W180	Farrington Guideway Ready for Stations Contractor	1	1	May.09.2013	May.09.2013	1300														
W190	East Farrington Guideway Ready for Core Sys Contractor	1	1	Oct.16.2013	Oct.16.2013	1498														
W200	PH Guideway over H1 Ready for Kamehameha Contractor	1	1	Dec.17.2013	Dec.17.2013	1498														
W230	WOFH Section B, C ready for CSC at grade.	5	5	Feb.08.2014	Feb.12.2014	1635														
W231	WOFH Section B, C ready for CSC on deck.	0	0		Jun.13.2014	1472														
W210	West Oahu Guideway Ready for Stations Contractor HO	0	0		Jul.30.2014	1498														
W120	W. Oahu/Farrington G'way Construction	1156	1156	Aug.17.2011	Oct.15.2014	1300														
W240	Guideway Substantially Complete	0	0		Oct.15.2014	1782														
Contract Duration		1467	1475	Dec.01.2009 A	Jan.13.2015	349														
W250	West Oahu / Farrington Guideway Contract Duration	1467	1475	Dec.01.2009 A	Jan.13.2015	349														
<b>Kamehameha Guideway SEC 1B</b>		<b>1882</b>	<b>1475</b>	<b>Nov.19.2009 A</b>	<b>Jan.13.2015</b>	<b>1370</b>														
ROW Right-of-Way Acquisition		490	490	Jan.20.2011	May.23.2012	2175														
Right-of-Way		490	490	Jan.20.2011	May.23.2012	2175														
KA19	Purchase ROW for Kamehameha Guideway	490	490	Jan.20.2011	May.23.2012	2175														
<b>PE320 Procurement Kamehameha Guideway DB</b>		<b>638</b>	<b>231</b>	<b>Nov.19.2009 A</b>	<b>Aug.18.2011</b>	<b>468</b>														
General		65	0	Nov.19.2009 A	Jan.22.2010 A															
K108	Issue Part 1 DB Kamehameha G/W RFQ	0	0	Nov.19.2009 A																
K118	Pre-Proposal Conference Part 1	1	0	Dec.02.2009 A	Dec.02.2009 A															
K128	Last Day for Questions Part 1	1	0	Dec.09.2009 A	Dec.09.2009 A															
K131	Prepare & Issue Part 1 Final Addendum	1	0	Dec.22.2009 A	Dec.22.2009 A															
K137	Offerors Submit DB RFP Part 1 Guideway	0	0		Jan.05.2010 A															
K145	RFP Part 1 Eval & Determine Priority List	17	0	Jan.06.2010 A	Jan.22.2010 A															
Phase 1		638	231	Nov.19.2009 A	Aug.18.2011	468														
K109	Prepare RFP Part 2 - Kamehameha G/W	120	0	Nov.19.2009 A	Mar.18.2010 A															
K119	Issue Part 2 DB Kamehameha G/W RFP	0	0	Mar.19.2010 A																
K132	Informational Meeting Part 2	2	0	Apr.22.2010 A	Apr.23.2010 A															

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
K111	Kamehameha GW Proposals Due	0	0		Oct.07.2010 A														
K121	BAFO Determination	0	0	Dec.03.2010 A	Dec.03.2010 A														
P1060	Request BAFOs	1	0	Dec.09.2010 A	Dec.09.2010 A														
P1070	KHG BAFOs Due	1	0	Dec.30.2010 A	Dec.30.2010 A														
P1080	Evaluate BAFOs	12	12	Dec.31.2010	Jan.11.2011	507													
P1090	Selection Committee Meeting	12	12	Dec.31.2010	Jan.11.2011	500													
P1100	Select KHG DB Contractor	0	0		Jan.11.2011	500													
P1110	Contractor Execute Contract	10	10	Jan.21.2011	Jan.30.2011	500													
P1120	City Execute KHG DB Contract	12	12	Jan.31.2011	Feb.11.2011	500													
K115	Issue NTP 1 KHG DB Contract - Pre Eng.	1	1	Mar.04.2011	Mar.04.2011	500													
K920	Issue NTP 2 KHG DB Contract - Final Design	1	1	Aug.17.2011	Aug.17.2011	468													
K930	Issue NTP 3 KHG DB Contract - Construction	1	1	Aug.18.2011	Aug.18.2011	468													
<b>DB320</b>	<b>Kamehameha Guideway DB Contract</b>	<b>1415</b>	<b>1475</b>	<b>Oct.07.2010 A</b>	<b>Jan.13.2015</b>	<b>1370</b>													
Design		90	150	Oct.07.2010 A	May.29.2011	489													
K110	Procure Kamehameha Hwy Guideway	60	60	Oct.07.2010 A	Feb.28.2011	489													
K910	Negotiate Kamehameha Hwy Guideway	90	90	Mar.01.2011	May.29.2011	489													
Guideway Contract / Construction		1415	1415	Feb.28.2011	Jan.13.2015	1370													
K129	KHG Final Track Plans	0	0		Feb.28.2011	639													
W501	WOFH Section D, ready for CSC at grade.	0	0		Nov.11.2012	2129													
K299	DB120 Contract Ready for KHG Interface	1	1	Jan.14.2013	Jan.14.2013	1861													
K200	KHG GW Utility Relocation Construction	540	540	Oct.17.2011	Apr.08.2013	349													
W502	WOFH Section D, ready for CSC on deck.	0	0		May.09.2013	1931													
K499	Kamehameha Guideway Ready for CSC at grade.	0	0		Apr.14.2014	1541													
K399	DB200 Contract Rail Delivery to KHG	5	5	Jun.03.2014	Jun.07.2014	1590													
K398	WOFH Section D Ready for Pearlhighlands Station	0	0		Jul.18.2014	1312													
K500	Kamehameha Guideway Ready for CSC on deck.	0	0		Sep.11.2014	1495													
K210	KHG Construction	1125	1125	Dec.16.2011	Jan.13.2015	349													
Contract Duration		1412	1412	Mar.04.2011	Jan.13.2015	349													
K117	Kamehameha Hwy GW Contract Duration	1412	1412	Mar.04.2011	Jan.13.2015	349													
<b>Airport Guideway SEC 2 SJ</b>		<b>2050</b>	<b>2050</b>	<b>Feb.26.2011</b>	<b>Oct.06.2016</b>	<b>935</b>													
ROW Right-of-Way Acqusition		0	0	Mar.21.2011	Mar.21.2011	2605													
Right-of-Way		0	0	Mar.21.2011	Mar.21.2011	2605													
AP19	Purchase ROW for Airport Guideway & Stations	0	0	Mar.21.2011	Mar.21.2011	2605													
<b>FD430</b>	<b>Airport Guideway &amp; Utility Design</b>	<b>728</b>	<b>728</b>	<b>Feb.26.2011</b>	<b>Feb.22.2013</b>	<b>935</b>													
Design		728	728	Feb.26.2011	Feb.22.2013	935													
G120	Procure Airport Utility & Guideway Design	60	60	Feb.26.2011	Apr.26.2011	317													
G810	Negotiate Airport Utility & Guideway Design	90	90	Apr.27.2011	Jul.25.2011	935													
G130	Airport Utility Design	395	395	Jul.26.2011	Aug.23.2012	999													
G140	Airport Utility & Guideway Final Design	578	578	Jul.26.2011	Feb.22.2013	935													
G820	Airport Segment Utility & Guideway Design Contract Duration	578	578	Jul.26.2011	Feb.22.2013	935													
<b>DBB450</b>	<b>Airport Utility Relocations Contract</b>	<b>669</b>	<b>669</b>	<b>Nov.01.2012</b>	<b>Aug.31.2014</b>	<b>999</b>													
Utility Contract / Relocation		669	669	Nov.01.2012	Aug.31.2014	999													
G220	Bid-Award Airport Utility	120	120	Nov.01.2012	Feb.28.2013	999													
G230	Airport Utility Relocation Construction	549	549	Mar.01.2013*	Aug.31.2014	999													
G840	Airport Segment Utility Relocation Contract Duration	549	549	Mar.01.2013*	Aug.31.2014	999													
<b>DBB460</b>	<b>Airport Guideway Construction Contract</b>	<b>1322</b>	<b>1322</b>	<b>Feb.23.2013</b>	<b>Oct.06.2016</b>	<b>935</b>													
Guideway Contract / Construction		1322	1322	Feb.23.2013	Oct.06.2016	935													
G300	Bid-Award Airport Guideway	120	120	Feb.23.2013	Jun.22.2013	935													
G320	Airport Guideway Ready for CSC at grade.	0	0		Jan.16.2016	1097													
G330	Airport Guideway Ready for CSC on deck.	0	0		May.30.2016	935													

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
G310	Airport Guideway Construction	1202	1202	Jun.23.2013	Oct.06.2016	935														
G850	Airport Segment Guideway Construction Contract Duration	1202	1202	Jun.23.2013	Oct.06.2016	935														
MM480	Airport Utility & Guideway CE&I	1271	1271	Apr.15.2013	Oct.06.2016	935														
CE&I		1271	1271	Apr.15.2013	Oct.06.2016	935														
G750	Procure Airport Utility & Guideway CE&I	91	91	Apr.15.2013	Jul.14.2013	1412														
G800	Airport Utility & Guideway CE&I	1180	1180	Jul.15.2013	Oct.06.2016	935														
<b>City Center Guideway SEC 3 SE,G</b>																				
ROW	Right-of-Way Acquisition	490	490	Jan.20.2011	May.23.2012	2175														
Right-of-Way		490	490	Jan.20.2011	May.23.2012	2175														
CC19	Purchase ROW for City Ctr Guidway & Stations	490	490	Jan.20.2011	May.23.2012	2175														
FD530	City Center Guideway & Utility Design	865	865	Jun.26.2011	Nov.06.2013	317														
Design		865	865	Jun.26.2011	Nov.06.2013	317														
C100	Procure City Center Utility & Guideway Design	60	60	Jun.26.2011	Aug.24.2011	317														
C820	Negotiate City Center Utility & Guideway Design	90	90	Aug.25.2011	Nov.22.2011	317														
C110	City Center Utility Design	270	270	Nov.23.2011	Aug.18.2012	599														
C120	City Center Guideway Final Design, includes Ala Moana Station	715	715	Nov.23.2011	Nov.06.2013	317														
C850	CCG Design, includes Ala Moana Station Contract Duration	715	715	Nov.23.2011	Nov.06.2013	317														
DBB550	City Center Utility Relocations Contract	806	806	Feb.15.2013	May.01.2015	599														
Utility Contract / Relocation		806	806	Feb.15.2013	May.01.2015	599														
C200	Bid-Award City Center Utility Contract	120	120	Feb.15.2013	Jun.14.2013	599														
C210	City Center Gway Utility Relocation Construction	686	686	Jun.15.2013	May.01.2015	599														
C830	City Center Segment Utility Relocation Contract Duration	686	686	Jun.15.2013	May.01.2015	599														
DBB560	City Center Guideway Construction Contract	1320	1320	Nov.07.2013	Jun.18.2017	610														
Guideway Contract / Construction		1320	1320	Nov.07.2013	Jun.18.2017	610														
C300	Bid-Award City Center Guideway Contract	120	120	Nov.07.2013	Mar.06.2014	639														
C320	City Center Guideway ready for CSC at grade.	0	0		Oct.12.2016	848														
C330	City Center Guideway ready for CSC on deck.	0	0		Feb.19.2017	730														
C310	City Center Guideway Construction	1160	1160	Apr.16.2014	Jun.18.2017	599														
C840	City Center Guideway Contract Duration	1200	1200	Mar.07.2014	Jun.18.2017	599														
MM580	City Center Segment Utility & Guideway CE&I	1585	1585	Feb.15.2013	Jun.18.2017	599														
CE&I		1585	1585	Feb.15.2013	Jun.18.2017	599														
C750	Procure City Center Utility & Guideway CE&I	120	120	Feb.15.2013	Jun.14.2013	599														
C800	City Center Utility & Guideway CE&I	1465	1465	Jun.15.2013	Jun.18.2017	599														
<b>STATION CONTRACTS</b>																				
<b>Farrington Station SEC 1 SC</b>																				
ROW	Right-of-Way Acquisition	490	490	Jan.20.2011	May.23.2012	2175														
Right-of-Way		490	490	Jan.20.2011	May.23.2012	2175														
FA19	Purchase ROW for Farrington Stations	490	490	Jan.20.2011	May.23.2012	2175														
FD240	Farrington Stations (3) Design	871	398	Sep.14.2009 A	Feb.01.2012	1508														
Design		871	398	Sep.14.2009 A	Feb.01.2012	1508														
R140	Prepare RFQ	30	0	Sep.14.2009 A	Oct.12.2009 A															
R120	Procure Farrington Station Design	137	15	Oct.13.2009 A	Jan.14.2011	1508														
R130	Farrington Stations Design	378	378	Jan.20.2011	Feb.01.2012	1508														
R890	Farrington Station Design Group (3) Contract Duration	378	398	Sep.14.2009 A	Feb.01.2012	1508														
DBB270	Farrington Station Construction Contract	1063	1063	Feb.02.2012	Dec.30.2014	1827														
Station Contract / Construction		1063	1063	Feb.02.2012	Dec.30.2014	1827														
R200	Bid-Award Farrington Stations	120	120	Feb.02.2012	May.31.2012	1508														
R810	Farrington Stations Sitework	180	180	Jun.01.2012	Nov.27.2012	1508														
R252	Leeward CC. Station Construction	600	600	Sep.27.2012	May.19.2014	1600														
R251	Waipahu Transit Center Station Construction	600	600	Dec.21.2012	Aug.12.2014	1365														

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R250	West Loch Station Construction	600	600	May.10.2013	Dec.30.2014	1300													
R840	Landscaping Owner Furnished Plants and Shrubs	215	215	May.30.2014	Dec.30.2014	1827													
R850	Furnish and Install Elevators and Escalators.	30	30	Dec.01.2014	Dec.30.2014	1827													
R900	Farrington Highway Stations (3) Construction	1063	1063	Feb.02.2012	Dec.30.2014	1827													
Train Control Communications Room Available		225	225	Nov.21.2013	Jul.04.2014	1510													
TCR15	TCCR Available for Systems Leeward CC	0	0		Nov.21.2013	1735													
TCR20	TCCR Available for Systems Waipahu	0	0		Feb.14.2014	1365													
TCR21	TCCR Available for Systems West Loch	0	0		Jul.04.2014	1300													
MM180 W. Oahu/Farrington Stations CE&I		908	908	Aug.02.2012	Jan.26.2015	1800													
CE&I		908	908	Aug.02.2012	Jan.26.2015	1800													
R750	Procure West Oahu/Farrington Stations CE&I	90	90	Aug.02.2012	Oct.30.2012	2618													
R800	West Oahu/Farrington Stations CE&I	818	818	Oct.31.2012	Jan.26.2015	1800													
West Oahu Station SEC 1A SB		1870	1488	Jan.15.2010 A	Jan.26.2015	1800													
ROW Right-of-Way Acqusion		490	490	Jan.20.2011	May.23.2012	2175													
Right-of-Way		490	490	Jan.20.2011	May.23.2012	2175													
WO20	Purchase ROW for West Oahu Stations	490	490	Jan.20.2011	May.23.2012	2175													
FD140 West Oahu Stations (3) Design		975	580	Jan.15.2010 A	Aug.01.2012	1348													
Design		975	580	Jan.15.2010 A	Aug.01.2012	1348													
X120	Prepare RFQ for West Oahu Stations	30	0	Jan.15.2010 A	Feb.26.2010 A														
X100	Procure West Oahu Station Design	30	30	Feb.11.2011	Mar.12.2011	317													
X222	Negotiate West Oahu Station Design	90	90	Mar.13.2011	Jun.10.2011	1348													
X110	West Oahu Stations Design	383	383	Jul.16.2011	Aug.01.2012	1348													
X252	West Oahu Satations Design (3) Contract Duration	383	580	Jan.15.2010 A	Aug.01.2012	1348													
DBB170 West Oahu Station Construction Contract		895	895	Aug.15.2012	Jan.26.2015	1800													
Station Contract / Construction		895	895	Aug.15.2012	Jan.26.2015	1800													
X200	Bid-Award West Oahu Station	120	120	Aug.15.2012	Dec.12.2012	1348													
X205	West Oahu Stations Site Work	180	180	Dec.13.2012	Jun.10.2013	1348													
X212	Ho`opili Station Construction	600	600	Feb.01.2013	Sep.23.2014	1443													
X210	UH West Oahu Station Construction	600	600	Apr.02.2013	Nov.22.2014	1413													
X211	East Kapolei Station Construction	600	600	Jun.06.2013	Jan.26.2015	1348													
X232	Landscaping Owner Furnished Plants and Shrubs	215	215	Jun.26.2014	Jan.26.2015	1800													
X242	Furnish and Install Elevators and Escalators	30	30	Dec.28.2014	Jan.26.2015	1800													
X262	West Oahu Stations (3) Construction	775	775	Dec.13.2012	Jan.26.2015	1800													
Train Control Communications Room Available		125	125	Mar.28.2014	Jul.31.2014	1438													
TCR1	TCCR Available for Systems Ho`opili	0	0		Mar.28.2014	1473													
TCR2	TCCR Available for Systems UH West Oahu	0	0		May.27.2014	1458													
TCR9	TCCR Available for Systems East Kapolei	0	0		Jul.31.2014	1438													
Kamehameha Station SEC 1B SD		2854	2854	Jan.20.2011	Nov.12.2018	414													
ROW Right-of-Way Acqusion		490	490	Jan.20.2011	May.23.2012	2175													
Right-of-Way		490	490	Jan.20.2011	May.23.2012	2175													
PH19	Purchase ROW for Pearl Sta, Ramps, Garage	490	490	Jan.20.2011	May.23.2012	2175													
FD245B Pearl Highlands H2 Ramps & Garage Design		667	667	Aug.14.2014	Jun.10.2016	414													
Design		667	667	Aug.14.2014	Jun.10.2016	414													
R320	Procure Pearl Highland Garage Design	60	60	Aug.14.2014	Oct.12.2014	414													
R820	Negotiate Pearl Highland Garage Design	90	90	Oct.13.2014	Jan.10.2015	414													
R325	Pearl Highlands Garage / H2 Ramps, Bus Terminal Design	471	471	Feb.26.2015	Jun.10.2016	414													
R910	Pearl Highlands Garage and H2 Ramps, Bus Terminal Contract Duration	667	667	Aug.14.2014	Jun.10.2016	414													
DBB275B Pearl Highlands H2 Ramps & Garage Contract		885	885	Jun.11.2016	Nov.12.2018	414													
Pearl Higllands Garage Contract / Construction		885	885	Jun.11.2016	Nov.12.2018	414													
R400	Procure Pearl Highland Garage Construction	120	120	Jun.11.2016	Oct.08.2016	414													

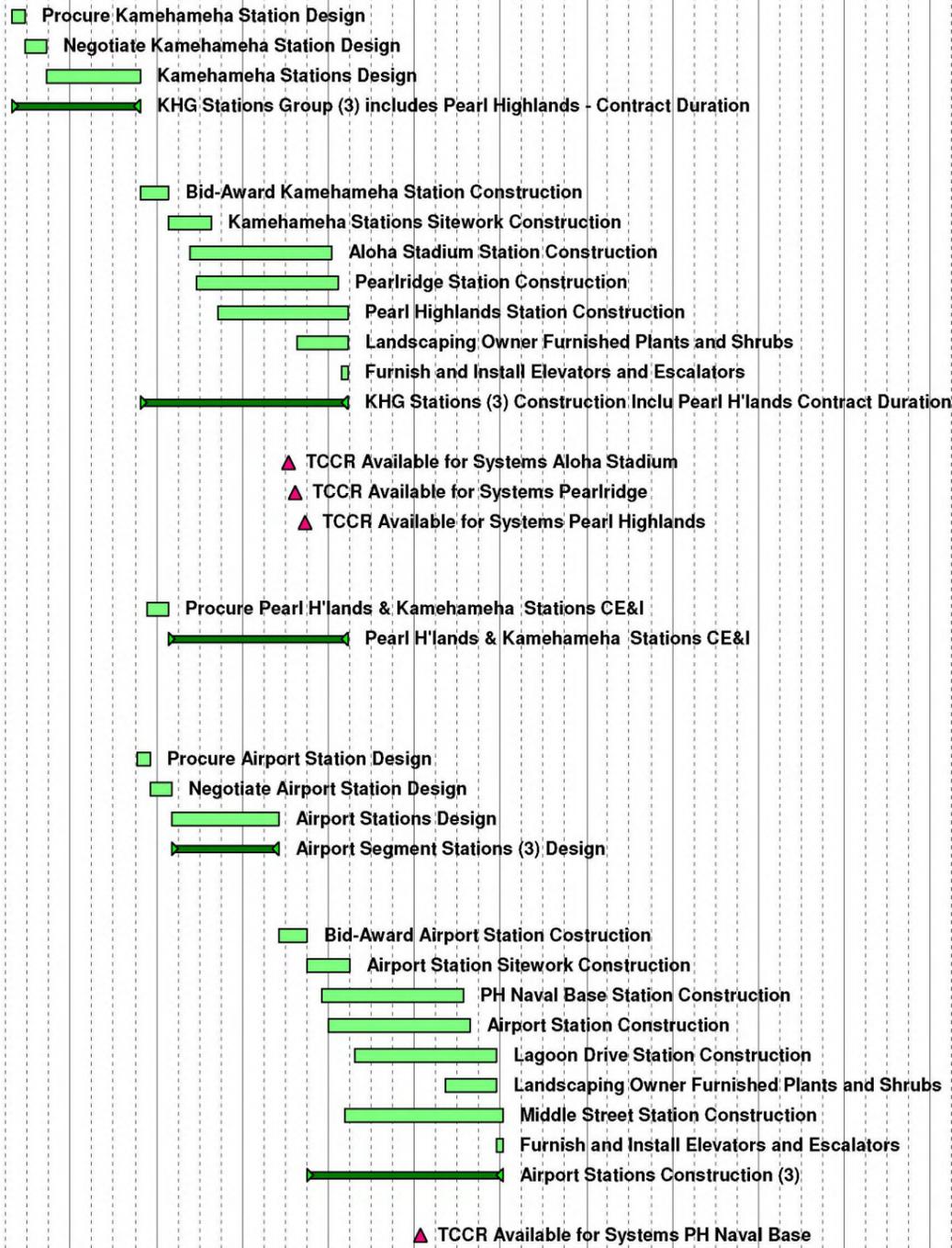
Remaining Level of Effort    Remaining Work  
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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
R412	Pearl Highlands Garage Construction	765	765	Oct.09.2016	Nov.12.2018	414													
R920	Pearl Highlands Garage Construction Contract Duration	885	885	Jun.11.2016	Nov.12.2018	414													
<b>MM385</b>	<b>Pearl Highlands Garage &amp; Ramps CE&amp;I</b>	<b>1140</b>	<b>1140</b>	<b>Sep.30.2015</b>	<b>Nov.12.2018</b>	<b>414</b>													
	CE&I	1140	1140	Sep.30.2015	Nov.12.2018	414													
R880	Procure Pearl Highlands Garage / H2 Ramps CE&I	92	92	Sep.30.2015	Dec.30.2015	1462													
R870	Pearl Highlands Garage / H2 Ramps CE&I	1048	1048	Dec.31.2015	Nov.12.2018	414													
<b>FD340</b>	<b>Kamehameha Stations (2) Design</b>	<b>547</b>	<b>547</b>	<b>Apr.27.2011</b>	<b>Oct.24.2012</b>	<b>1348</b>													
	Design	547	547	Apr.27.2011	Oct.24.2012	1348													
J100	Procure Kamehameha Station Design	60	60	Apr.27.2011	Jun.25.2011	317													
J105	Negotiate Kamehameha Station Design	90	90	Jun.26.2011	Sep.23.2011	1348													
J110	Kamehameha Stations Design	397	397	Sep.24.2011	Oct.24.2012	1348													
J115	KHG Stations Group (3) includes Pearl Highlands - Contract Duration	547	547	Apr.27.2011	Oct.24.2012	1348													
<b>DBB370</b>	<b>Kamehameha Stations Construction Contract</b>	<b>881</b>	<b>881</b>	<b>Oct.25.2012</b>	<b>Mar.24.2015</b>	<b>1743</b>													
	Station Contract / Construction	881	881	Oct.25.2012	Mar.24.2015	1743													
J200	Bid-Award Kamehameha Station Construction	120	120	Oct.25.2012	Feb.21.2013	1348													
J210	Kamehameha Stations Sitework Construction	180	180	Feb.22.2013	Aug.20.2013	1348													
J220	Aloha Stadium Station Construction	600	600	May.23.2013	Jan.12.2015	1392													
J221	Pearlridge Station Construction	600	600	Jun.22.2013	Feb.11.2015	1355													
R410	Pearl Highlands Station Construction	550	550	Sep.21.2013	Mar.24.2015	1312													
R830	Landscaping Owner Furnished Plants and Shrubs	215	215	Aug.22.2014	Mar.24.2015	1743													
R860	Furnish and Install Elevators and Escalators	30	30	Feb.23.2015	Mar.24.2015	1743													
R930	KHG Stations (3) Construction Inclu Pearl H'lands Contract Duration	881	881	Oct.25.2012	Mar.24.2015	1743													
	Train Control Communications Room Available	71	71	Jul.17.2014	Sep.26.2014	1456													
TCR5	TCCR Available for Systems Aloha Stadium	0	0		Jul.17.2014	1527													
TCR18	TCCR Available for Systems Pearlridge	0	0		Aug.16.2014	1452													
TCR17	TCCR Available for Systems Pearl Highlands	0	0		Sep.26.2014	1366													
<b>MM380</b>	<b>Pearl Highlands &amp; Kamehameha Stations CE&amp;I</b>	<b>851</b>	<b>851</b>	<b>Nov.24.2012</b>	<b>Mar.24.2015</b>	<b>1743</b>													
	CE&I	851	851	Nov.24.2012	Mar.24.2015	1743													
J750	Procure Pearl H'lands & Kamehameha Stations CE&I	90	90	Nov.24.2012	Feb.21.2013	1348													
J800	Pearl H'lands & Kamehameha Stations CE&I	761	761	Feb.22.2013	Mar.24.2015	1743													
<b>Airport Station SEC 3 SJ</b>		<b>1557</b>	<b>1557</b>	<b>Oct.08.2012</b>	<b>Jan.11.2017</b>	<b>1084</b>													
<b>FD440</b>	<b>Airport Stations (3) Design</b>	<b>607</b>	<b>607</b>	<b>Oct.08.2012</b>	<b>Jun.06.2014</b>	<b>782</b>													
	Design	607	607	Oct.08.2012	Jun.06.2014	782													
B100	Procure Airport Station Design	60	60	Oct.08.2012	Dec.06.2012	407													
B810	Negotiate Airport Station Design	90	90	Dec.07.2012	Mar.06.2013	782													
B110	Airport Stations Design	457	457	Mar.07.2013	Jun.06.2014	782													
B820	Airport Segment Stations (3) Design	457	457	Mar.07.2013	Jun.06.2014	782													
<b>DBB470</b>	<b>Airport Stations Construction Contract</b>	<b>950</b>	<b>950</b>	<b>Jun.07.2014</b>	<b>Jan.11.2017</b>	<b>1084</b>													
	Station Contract / Construction	950	950	Jun.07.2014	Jan.11.2017	1084													
Z200	Bid-Award Airport Station Costruction	120	120	Jun.07.2014	Oct.04.2014	782													
Z210	Airport Station Sitework Construction	180	180	Oct.05.2014	Apr.02.2015	782													
Z221	PH Naval Base Station Construction	600	600	Dec.04.2014	Jul.25.2016	952													
Z220	Airport Station Construction	600	600	Jan.03.2015	Aug.24.2016	922													
Z222	Lagoon Drive Station Construction	600	600	Apr.23.2015	Dec.12.2016	782													
H262	Landscaping Owner Furnished Plants and Shrubs	215	215	May.12.2016	Dec.12.2016	1114													
H220	Middle Street Station Construction	675	675	Mar.09.2015	Jan.11.2017	782													
H272	Furnish and Install Elevators and Escalators	30	30	Dec.13.2016	Jan.11.2017	782													
Z1009	Airport Stations Construction (3)	830	830	Oct.05.2014	Jan.11.2017	782													
	Train Control Communications Room Available	170	170	Jan.28.2016	Jul.16.2016	917													
TCR19	TCCR Available for Systems PH Naval Base	0	0		Jan.28.2016	952													



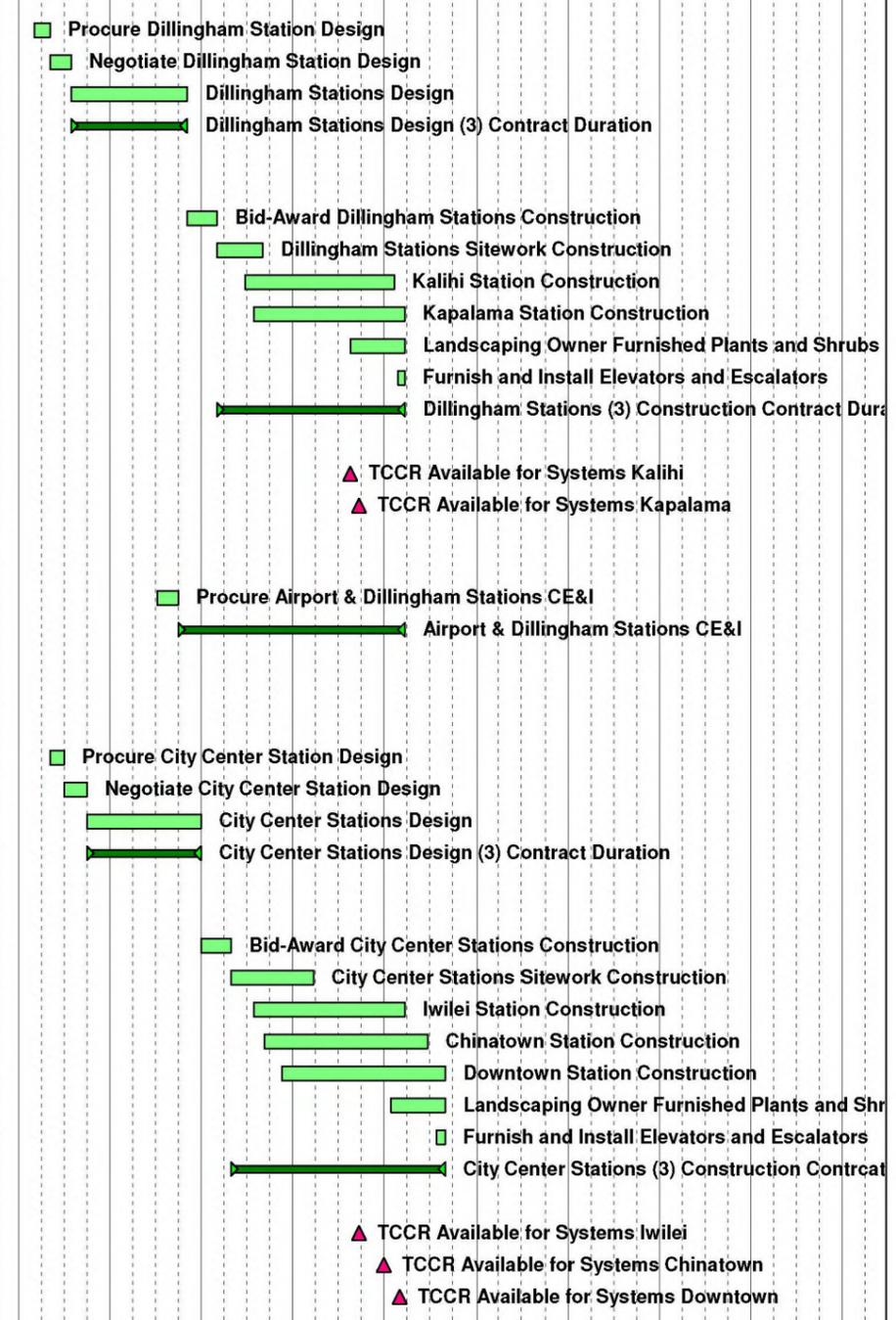
■ Remaining Level of Effort    ■ Remaining Work  
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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
TCR3	TCCR Available for Systems Airport Station	0	0		Feb.27.2016	967														▲ TCCR Available for Systems Airport Station
TCR14	TCCR Available for Systems Lagoon Drive	0	0		Jun.16.2016	902														▲ TCCR Available for Systems Lagoon Drive
TCR16	TCCR Available for Systems Middle Street	0	0		Jul.16.2016	917														▲ TCCR Available for Systems Middle Street
<b>Dillingham Station SEC 3 SE</b>		<b>1477</b>	<b>1477</b>	<b>Mar.07.2013</b>	<b>Mar.22.2017</b>	<b>1014</b>														
<b>FD540 Dillingham Stations (3) Design</b>		<b>607</b>	<b>607</b>	<b>Mar.07.2013</b>	<b>Nov.03.2014</b>	<b>602</b>														
Design		607	607	Mar.07.2013	Nov.03.2014	602														
H100	Procure Dillingham Station Design	60	60	Mar.07.2013	May.05.2013	317														
H242	Negotiate Dillingham Station Design	90	90	May.06.2013	Aug.03.2013	602														
H110	Dillingham Stations Design	457	457	Aug.04.2013	Nov.03.2014	602														
H292	Dillingham Stations Design (3) Contract Duration	457	457	Aug.04.2013	Nov.03.2014	602														
<b>DBB570 Dillingham Stations Construction Contract</b>		<b>870</b>	<b>870</b>	<b>Nov.04.2014</b>	<b>Mar.22.2017</b>	<b>1014</b>														
Station Contract / Construction		870	870	Nov.04.2014	Mar.22.2017	1014														
H200	Bid-Award Dillingham Stations Construction	120	120	Nov.04.2014	Mar.03.2015	602														
H210	Dillingham Stations Sitework Construction	180	180	Mar.04.2015	Aug.30.2015	602														
H231	Kalihi Station Construction	600	600	Jun.22.2015	Feb.10.2017	602														
H232	Kapalama Station Construction	600	600	Aug.01.2015	Mar.22.2017	607														
H252	Landscaping Owner Furnished Plants and Shrubs	215	215	Aug.20.2016	Mar.22.2017	1014														
H282	Furnish and Install Elevators and Escalators	30	30	Feb.21.2017	Mar.22.2017	1014														
H302	Dillingham Stations (3) Construction Contract Duration	750	750	Mar.04.2015	Mar.22.2017	1014														
Train Control Communications Room Available		40	40	Aug.15.2016	Sep.24.2016	607														
TCR12	TCCR Available for Systems Kalihi	0	0		Aug.15.2016	602														▲ TCCR Available for Systems Kalihi
TCR13	TCCR Available for Systems Kapalama	0	0		Sep.24.2016	607														▲ TCCR Available for Systems Kapalama
<b>MM485 Airport Stations &amp; Dillingham Hwy Stations CE&amp;I</b>		<b>990</b>	<b>990</b>	<b>Jul.07.2014</b>	<b>Mar.22.2017</b>	<b>712</b>														
CE&I		990	990	Jul.07.2014	Mar.22.2017	712														
B750	Procure Airport & Dillingham Stations CE&I	90	90	Jul.07.2014	Oct.04.2014	782														
B800	Airport & Dillingham Stations CE&I	900	900	Oct.05.2014	Mar.22.2017	712														
<b>City Center Station SEC 3 SG</b>		<b>1575</b>	<b>1575</b>	<b>May.06.2013</b>	<b>Aug.27.2017</b>	<b>856</b>														
<b>FD542 City Center Stations (3) Design</b>		<b>605</b>	<b>605</b>	<b>May.06.2013</b>	<b>Dec.31.2014</b>	<b>584</b>														
Design		605	605	May.06.2013	Dec.31.2014	584														
U100	Procure City Center Station Design	60	60	May.06.2013	Jul.04.2013	317														
U810	Negotiate City Center Station Design	90	90	Jul.05.2013	Oct.02.2013	584														
U110	City Center Stations Design	455	455	Oct.03.2013	Dec.31.2014	584														
U840	City Center Stations Design (3) Contract Duration	455	455	Oct.03.2013	Dec.31.2014	584														
<b>DBB572 City Center Stations Construction Contract</b>		<b>970</b>	<b>970</b>	<b>Jan.01.2015</b>	<b>Aug.27.2017</b>	<b>856</b>														
Station Contract / Construction		970	970	Jan.01.2015	Aug.27.2017	856														
U200	Bid-Award City Center Stations Construction	120	120	Jan.01.2015	Apr.30.2015	584														
U210	City Center Stations Sitework Construction	325	325	May.01.2015	Mar.20.2016	584														
U222	Iwilei Station Construction	600	600	Jul.30.2015	Mar.20.2017	654														
U220	Chinatown Station Construction	650	650	Sep.13.2015	Jun.23.2017	604														
U221	Downtown Station Construction	650	650	Nov.17.2015	Aug.27.2017	584														
U820	Landscaping Owner Furnished Plants and Shrubs	215	215	Jan.25.2017	Aug.27.2017	856														
U830	Furnish and Install Elevators and Escalators	30	30	Jul.29.2017	Aug.27.2017	856														
U850	City Center Stations (3) Construction Contract Duration	850	850	May.01.2015	Aug.27.2017	856														
Train Control Communications Room Available		160	160	Sep.22.2016	Mar.01.2017	584														
TCR10	TCCR Available for Systems Iwilei	0	0		Sep.22.2016	654														▲ TCCR Available for Systems Iwilei
TCR6	TCCR Available for Systems Chinatown	0	0		Dec.26.2016	604														▲ TCCR Available for Systems Chinatown
TCR8	TCCR Available for Systems Downtown	0	0		Mar.01.2017	584														▲ TCCR Available for Systems Downtown
<b>Kaka'ako Station SEC 3 SG</b>		<b>1527</b>	<b>1527</b>	<b>Mar.17.2014</b>	<b>May.21.2018</b>	<b>589</b>														
<b>FD545 Kaka'ako Stations (3) Design</b>		<b>607</b>	<b>607</b>	<b>Mar.17.2014</b>	<b>Nov.13.2015</b>	<b>317</b>														
Design		607	607	Mar.17.2014	Nov.13.2015	317														



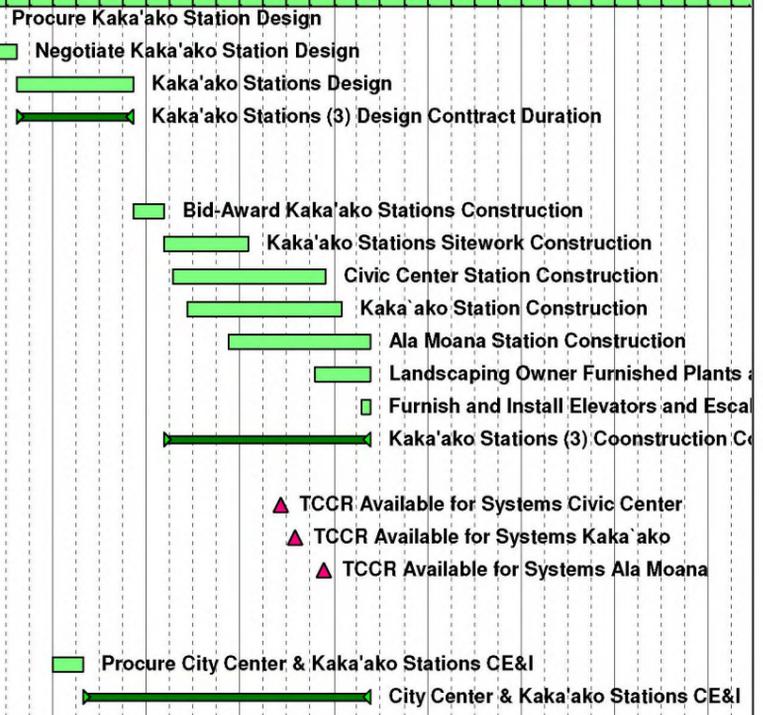
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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Y100	Procure Kaka'ako Station Design	60	60	Mar.17.2014	May.15.2014	317													
Y250	Negotiate Kaka'ako Station Design	90	90	May.16.2014	Aug.13.2014	317													
Y110	Kaka'ako Stations Design	457	457	Aug.14.2014	Nov.13.2015	317													
Y280	Kaka'ako Stations (3) Design Contract Duration	457	457	Aug.14.2014	Nov.13.2015	317													
<b>DBB575 Kaka'ako Stations Construction Contract</b>		<b>920</b>	<b>920</b>	<b>Nov.14.2015</b>	<b>May.21.2018</b>	<b>589</b>													
Station Contract / Construction		920	920	Nov.14.2015	May.21.2018	589													
Y200	Bid-Award Kaka'ako Stations Construction	120	120	Nov.14.2015	Mar.12.2016	317													
Y210	Kaka'ako Stations Sitework Construction	325	325	Mar.13.2016	Jan.31.2017	317													
Y220	Civic Center Station Construction	600	600	Apr.12.2016	Dec.02.2017	487													
Y221	Kaka'ako Station Construction	600	600	Jun.11.2016	Jan.31.2018	457													
Y222	Ala Moana Station Construction	550	550	Nov.18.2016	May.21.2018	317													
Y260	Landscaping Owner Furnished Plants and Shrubs.	215	215	Oct.19.2017	May.21.2018	589													
Y270	Furnish and Install Elevators and Escalators	30	30	Apr.22.2018	May.21.2018	589													
Y290	Kaka'ako Stations (3) Coonstruction Contract Duration	800	800	Mar.13.2016	May.21.2018	589													
Train Control Communications Room Available		170	170	Jun.06.2017	Nov.23.2017	452													
TCR7	TCCR Available for Systems Civic Center	0	0		Jun.06.2017	532													
TCR11	TCCR Available for Systems Kaka'ako	0	0		Aug.05.2017	517													
TCR4	TCCR Available for Systems Ala Moana	0	0		Nov.23.2017	452													
<b>MM585 City Center &amp; Kaka'ako Stations CE&amp;I</b>		<b>1237</b>	<b>1237</b>	<b>Jan.01.2015</b>	<b>May.21.2018</b>	<b>317</b>													
CE&I		1237	1237	Jan.01.2015	May.21.2018	317													
U750	Procure City Center & Kaka'ako Stations CE&I	120	120	Jan.01.2015	Apr.30.2015	584													
U800	City Center & Kaka'ako Stations CE&I	1117	1117	May.01.2015	May.21.2018	317													
<b>CORE SYSTEMS CONTRACT</b>		<b>3808</b>	<b>2971</b>	<b>Sep.15.2008 A</b>	<b>Feb.17.2019</b>	<b>317</b>													
Core Systems DBOM		3808	2971	Sep.15.2008 A	Feb.17.2019	317													
<b>PE920 Procurement Core Sys DBOM Contract</b>		<b>1095</b>	<b>240</b>	<b>Sep.15.2008 A</b>	<b>Sep.15.2011</b>	<b>2729</b>													
General		278	0	Sep.15.2008 A	Jun.19.2009 A														
P700	Prepare Part 1 DBOM RFP Systems	206	0	Sep.15.2008 A	Apr.08.2009 A														
P312	Issue Part 1 DBOM Systems RFP	0	0	Apr.09.2009 A															
P725	Pre-Proposal Conference Part 1	1	0	Apr.22.2009 A	Apr.22.2009 A														
P730	Prepare Questions Part 1 RFP	14	0	Apr.23.2009 A	May.06.2009 A														
P740	Prepare & Issue Part 1 Final Addendum	16	0	May.07.2009 A	May.22.2009 A														
P750	Offerors Prepare DBOM Systems Part 1 Response	13	0	May.23.2009 A	Jun.04.2009 A														
P760	Offerors Submit DBOM RFP Part 1 Systems	0	0	Jun.05.2009 A															
P770	Evaluate DBOM Systems Part 1 Submittals	6	0	Jun.08.2009 A	Jun.16.2009 A														
P780	RFP Part 1 Eval & Determine Priority List	2	0	Jun.18.2009 A	Jun.19.2009 A														
Phase 1		1095	240	Sep.15.2008 A	Sep.15.2011	2729													
P710	Prepare Part 2 DBOM RFP Systems	206	0	Sep.15.2008 A	Jul.10.2009 A														
P712	City Review Part 2 DB RFP Systems	28	0	Jun.15.2009 A	Jul.23.2009 A														
P720	Issue Part 2 DBOM Systems RFP	0	0	Aug.17.2009 A	Aug.17.2009 A														
P714	Complete Part 2 DBOM RFP Systems	16	0	Jul.27.2009 A	Aug.17.2009 A														
P790	Pre-Proposal Conference Part 2	3	0	Oct.01.2009 A	Oct.05.2009 A														
P800	Last Day for Questions Part 2	0	0	Feb.25.2010 A	Feb.25.2010 A														
P880	BAFO Determination	1	0	Oct.29.2010 A	Oct.30.2010 A														
P905	Request BAFOs	0	0	Nov.04.2010 A	Nov.05.2010 A														
P810	Issue Final Addendum Part 2	1	0	Dec.13.2010 A	Dec.13.2010 A														
P920	BAFOs Due	1	1	Jan.18.2011	Jan.18.2011	288													
P930	Evaluate BAFOs	27	27	Jan.19.2011	Feb.14.2011	422													
P940	Selection Committee Meeting	2	2	Feb.15.2011	Feb.16.2011	286													
P945	Select DBOM Systems Contractor	0	0		Feb.16.2011	286													
P850	Buy America Pre Award Audit	3	3	Feb.17.2011	Feb.22.2011	789													



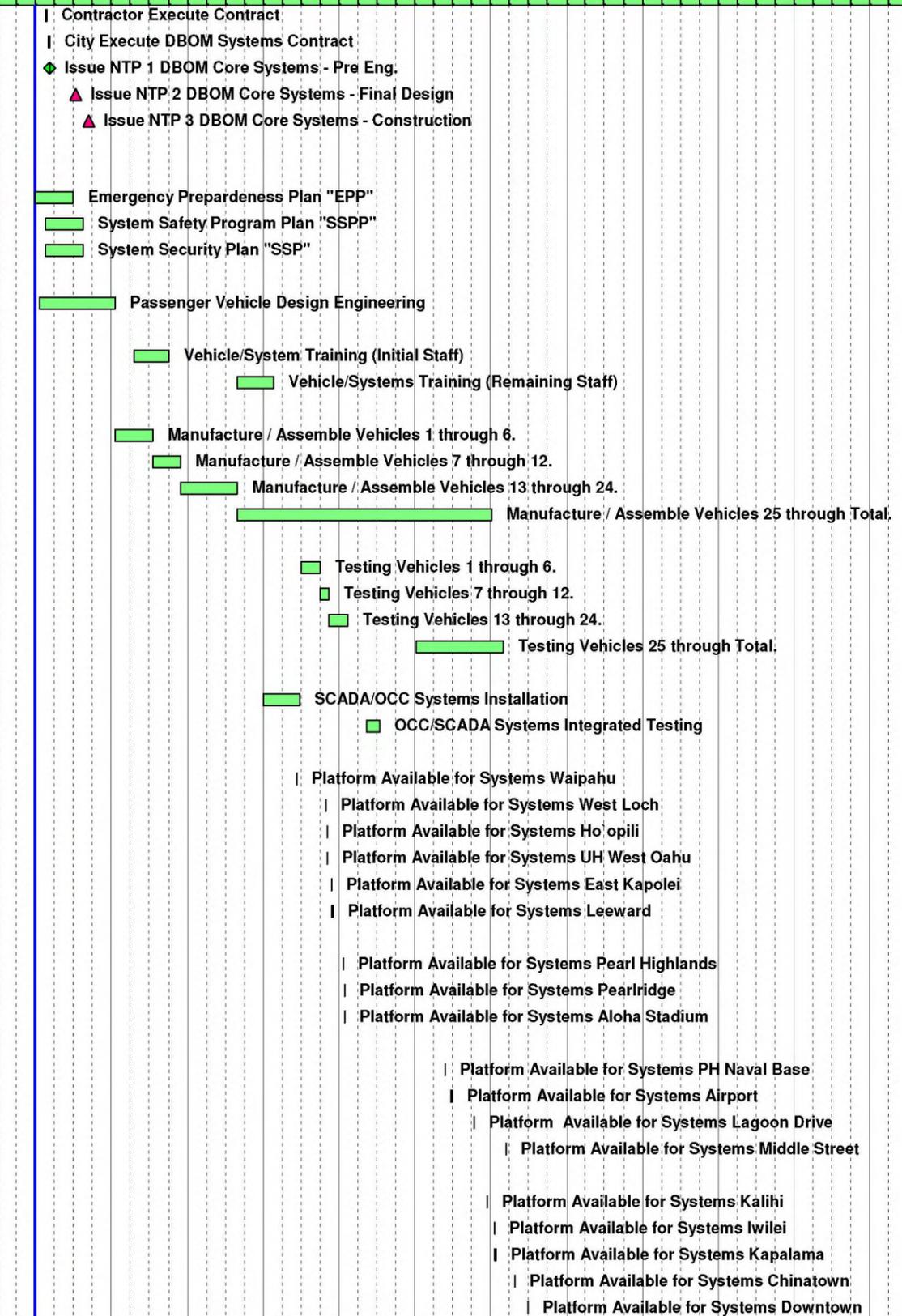
Remaining Level of Effort    Remaining Work  
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Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
P950	Contractor Execute Contract	10	10	Feb.17.2011	Feb.26.2011	1159													
P955	City Execute DBOM Systems Contract	6	6	Feb.28.2011	Mar.07.2011	786													
P990	Issue NTP 1 DBOM Core Systems - Pre Eng.	0	0	Mar.08.2011	Mar.08.2011	1979													
P1130	Issue NTP 2 DBOM Core Systems - Final Design	0	0		Jul.14.2011	828													
P1140	Issue NTP 3 DBOM Core Systems - Construction	0	0	Sep.15.2011		786													
<b>DBOM920 Core Systems &amp; Vehicles DBOM Contract</b>		<b>2971</b>	<b>2971</b>	<b>Dec.31.2010</b>	<b>Feb.17.2019</b>	<b>317</b>													
Safety and Security Plans		228	228	Dec.31.2010	Aug.15.2011	2939													
EFD3.29a	Emergency Preparedness Plan "EPP"	180	180	Dec.31.2010	Jun.28.2011	2987													
EFD3.27	System Safety Program Plan "SSPP"	180	180	Feb.17.2011	Aug.15.2011	2939													
EFD3.28	System Security Plan "SSP"	180	180	Feb.17.2011	Aug.15.2011	2939													
Design		365	365	Jan.20.2011	Jan.19.2012	1033													
T100	Passenger Vehicle Design Engineering	365	365	Jan.20.2011	Jan.19.2012	1033													
Vehicle Training		675	675	Apr.19.2012	Feb.22.2014	1896													
T130	Vehicle/System Training (Initial Staff)	170	170	Apr.19.2012	Oct.05.2012	2221													
T220	Vehicle/Systems Training (Remaining Staff)	180	180	Aug.27.2013	Feb.22.2014	1896													
Vehicles Manufacture / Assembly		1815	1815	Jan.20.2012	Jan.07.2017	1033													
VA1-6	Manufacture / Assemble Vehicles 1 through 6.	180	180	Jan.20.2012	Jul.17.2012	1033													
VA7-12	Manufacture / Assemble Vehicles 7 through 12.	135	135	Jul.18.2012	Nov.29.2012	1033													
VA13-24	Manufacture / Assemble Vehicles 13 through 24.	270	270	Nov.30.2012	Aug.26.2013	1033													
VA25-ALL	Manufacture / Assemble Vehicles 25 through Total.	1230	1230	Aug.27.2013	Jan.07.2017	1033													
Vehicles Testing & Commissioning		974	974	Jul.04.2014	Mar.03.2017	1033													
VT1-6	Testing Vehicles 1 through 6.	90	90	Jul.04.2014	Oct.01.2014	1542													
VT7-12	Testing Vehicles 7 through 12.	45	45	Oct.02.2014	Nov.15.2014	1542													
VT13-24	Testing Vehicles 13 through 24.	90	90	Nov.16.2014	Feb.13.2015	1542													
VT25-All	Testing Vehicles 25 through Total.	420	420	Jan.09.2016	Mar.03.2017	1033													
Systems Testing		561	561	Dec.30.2013	Jul.13.2015	1300													
SCDI001	SCADA/OCC Systems Installation	180	180	Dec.30.2013	Jun.27.2014	1621													
SCDI001	OCC/SCADA Systems Integrated Testing	60	60	May.15.2015	Jul.13.2015	1300													
Platforms Available for Systems Section 1A		170	170	Jun.14.2014	Nov.30.2014	1421													
PAS26	Platform Available for Systems Waipahu	1	1	Jun.14.2014	Jun.14.2014	1500													
PAS25	Platform Available for Systems West Loch	1	1	Nov.01.2014	Nov.01.2014	1390													
PAS24	Platform Available for Systems Ho'opili	1	1	Nov.03.2014	Nov.03.2014	1403													
PAS23	Platform Available for Systems UH West Oahu	1	1	Nov.05.2014	Nov.05.2014	1416													
PAS22	Platform Available for Systems East Kapolei	1	1	Nov.28.2014	Nov.28.2014	1408													
PAS27	Platform Available for Systems Leeward	1	1	Nov.30.2014	Nov.30.2014	1421													
Platforms Available for Systems Section 1B		4	4	Jan.24.2015	Jan.27.2015	1356													
PAS28	Platform Available for Systems Pearl Highlands	1	1	Jan.24.2015	Jan.24.2015	1312													
PAS29	Platform Available for Systems Pearlridge	1	1	Jan.26.2015	Jan.26.2015	1312													
PAS30	Platform Available for Systems Aloha Stadium	1	1	Jan.27.2015	Jan.27.2015	1356													
Platforms Available for Systems Section 2		291	291	May.27.2016	Mar.13.2017	917													
PAS31	Platform Available for Systems PH Naval Base	1	1	May.27.2016	May.27.2016	1162													
PAS32	Platform Available for Systems Airport	1	1	Jun.26.2016	Jun.26.2016	1147													
PAS33	Platform Available for Systems Lagoon Drive	1	1	Oct.14.2016	Oct.14.2016	1052													
PAS34	Platform Available for Systems Middle Street	1	1	Mar.13.2017	Mar.13.2017	917													
Platforms Available for Systems Section 3		356	356	Dec.13.2016	Dec.03.2017	472													
PAS35	Platform Available for Systems Kalihi	1	1	Dec.13.2016	Dec.13.2016	722													
PAS37	Platform Available for Systems Iwilei	1	1	Jan.20.2017	Jan.20.2017	714													
PAS36	Platform Available for Systems Kapalama	1	1	Jan.22.2017	Jan.22.2017	697													
PAS38	Platform Available for Systems Chinatown	1	1	Apr.25.2017	Apr.25.2017	634													
PAS39	Platform Available for Systems Downtown	1	1	Jun.29.2017	Jun.29.2017	584													



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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
PAS40	Platform Available for Systems Civic Center	1	1	Oct.04.2017	Oct.04.2017	502													
PAS41	Platform Available for Systems Kaka'ako	1	1	Dec.03.2017	Dec.03.2017	457													
PAS42	Platform Available for Systems Ala Moana	1	1	Dec.03.2017	Dec.03.2017	472													
Platforms Systems Installation Section 1A		230	230	Jun.15.2014	Jan.30.2015	1390													
PS5	Platform Systems Installation Waipahu	30	30	Jun.15.2014	Jul.14.2014	1500													
PS4	Platform Systems Installation West Loch	30	30	Nov.02.2014	Dec.01.2014	1390													
PS3	Platform Systems Installation Ho'opili	30	30	Nov.17.2014	Dec.16.2014	1390													
PS2	Platform Systems Installation UH West Oahu	30	30	Dec.02.2014	Dec.31.2014	1390													
PS1	Platform Systems Installation East Kapolei	30	30	Dec.17.2014	Jan.15.2015	1390													
PS6	Platform Systems Installation Leeward	30	30	Jan.01.2015	Jan.30.2015	1390													
Platforms Systems Installation Section 1B		77	77	Jan.25.2015	Apr.11.2015	1312													
PS7	Platform Systems Installation Pearl Highlands	30	30	Jan.25.2015	Feb.23.2015	1329													
PS8	Platform Systems Installation Pearlridge	30	30	Feb.26.2015	Mar.27.2015	1312													
PS9	Platform Systems Installation Aloha Stadium	30	30	Mar.13.2015	Apr.11.2015	1312													
Platforms Systems Installation Section 2		320	320	May.28.2016	Apr.12.2017	917													
PS10	Platform Systems Installation PH Naval Base	30	30	May.28.2016	Jun.26.2016	1162													
PS11	Platform Systems Installation Airport	30	30	Jun.27.2016	Jul.26.2016	1147													
PS12	Platform Systems Installation Lagoon Drive	30	30	Oct.15.2016	Nov.13.2016	1052													
PS13	Platform Systems Installation Middle Street	30	30	Mar.14.2017	Apr.12.2017	917													
Platforms Systems Installation Section 3		400	400	Dec.14.2016	Jan.17.2018	457													
PS14	Platform Systems Installation Kalihi	30	30	Dec.14.2016	Jan.12.2017	722													
PS15	Platform Systems Installation Kapalama	30	30	Jan.23.2017	Feb.21.2017	697													
PS16	Platform Systems Installation Iwilei	30	30	Feb.07.2017	Mar.08.2017	697													
PS17	Platform Systems Installation Chinatown	30	30	Apr.26.2017	May.25.2017	634													
PS18	Platform Systems Installation Downtown	30	30	Jun.30.2017	Jul.29.2017	584													
PS19	Platform Systems Installation Civic Center	30	30	Oct.05.2017	Nov.03.2017	502													
PS20	Platform Systems Installation Kaka'ako	30	30	Dec.04.2017	Jan.02.2018	457													
PS21	Platform Systems Installation Ala Moana	30	30	Dec.19.2017	Jan.17.2018	457													
Platform Systems Intergrated Testing		1097	1097	Jan.31.2015	Jan.31.2018	637													
PLT13	Platform Systems Integrated Testing West Oahu	14	14	Jan.31.2015	Feb.13.2015	1390													
PLT11	Platform Systems Integrated Testing Kamehameha	14	14	Apr.12.2015	Apr.25.2015	1319													
PLT12	Platform Systems Integrated Testing Airport	14	14	Apr.13.2017	Apr.26.2017	917													
PLT14	Platform Systems Integrated Testing City Center	14	14	Jan.18.2018	Jan.31.2018	457													
Train Control Installation Section 1A		441	441	Dec.30.2013	Mar.15.2015	1300													
TC22	Train Control Installation MSF	45	45	Dec.30.2013	Feb.12.2014	1411													
TC5	Train Control Installation Waipahu	45	45	Feb.14.2014	Mar.30.2014	1365													
TC4	Train Control Installation West Loch	45	45	Jul.04.2014	Aug.17.2014	1300													
TC3	Train Control Installation Ho'opili	45	45	Sep.17.2014	Oct.31.2014	1300													
TC2	Train Control Installation UH West Oahu	45	45	Nov.01.2014	Dec.15.2014	1300													
TC1	Train Control Installation East Kapolei	45	45	Dec.16.2014	Jan.29.2015	1300													
TC6	Train Control Installation Leeward	45	45	Jan.30.2015	Mar.15.2015	1300													
Train Control Installation Section 1B		135	135	Sep.26.2014	Feb.07.2015	1366													
TC7	Train Control Installation Pearl Highlands	45	45	Sep.26.2014	Nov.09.2014	1366													
TC8	Train Control Installation Pearlridge	45	45	Nov.10.2014	Dec.24.2014	1366													
TC9	Train Control Installation Aloha Stadium	45	45	Dec.25.2014	Feb.07.2015	1366													
Train Control Installation Section 2		230	230	Jan.28.2016	Sep.13.2016	902													
TC10	Train Control Installation PH Naval Base	45	45	Jan.28.2016	Mar.12.2016	952													
TC11	Train Control Installation Airport	45	45	Mar.13.2016	Apr.26.2016	952													
TC12	Train Control Installation Lagoon Drive	45	45	Jun.16.2016	Jul.30.2016	902													
TC13	Train Control Installation Middle Street	45	45	Jul.31.2016	Sep.13.2016	902													

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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Train Control Installation Section 3</b>		510	510	Aug.15.2016	Jan.06.2018	452													
TC14	Train Control Installation Kalihi	45	45	Aug.15.2016	Sep.28.2016	602													
TC15	Train Control Installation Kapalama	45	45	Sep.29.2016	Nov.12.2016	602													
TC16	Train Control Installation Iwilei	45	45	Nov.13.2016	Dec.27.2016	602													
TC17	Train Control Installation China Town	45	45	Dec.28.2016	Feb.10.2017	602													
TC18	Train Control Installation Downtown	45	45	Mar.01.2017	Apr.14.2017	584													
TC19	Train Control Installation Civic Center	45	45	Jun.06.2017	Jul.20.2017	532													
TC20	Train Control Installation Kaka'ako	45	45	Aug.05.2017	Sep.18.2017	517													
TC21	Train Control Installation Ala Moana	45	45	Nov.23.2017	Jan.06.2018	452													
<b>Train Control Inter. Testing All Sections</b>		1589	1589	Feb.13.2014	Jun.20.2018	317													
TCT3	Train Control Integrated Testing MSF	30	30	Feb.13.2014	Mar.14.2014	1666													
TCT1	Train Control Integrated Testing West Oahu	30	30	Mar.16.2015	Apr.14.2015	1300													
TCT2	Train Control Integrated Testing Kamehameha	30	30	Apr.15.2015	May.14.2015	1300													
TCT4	Train Control Integrated Testing Airport	30	30	Jan.12.2017	Feb.10.2017	782													
TCT5	Train Control Integrated Testing City Center	30	30	May.22.2018	Jun.20.2018	317													
<b>Traction Power Installation Section 1A</b>		195	195	Dec.30.2013	Jul.12.2014	1557													
TP20	TPSS Installation MSF	30	30	Dec.30.2013	Jan.28.2014	1650													
TP5	TPSS Installation Waipahu.	30	30	Feb.13.2014	Mar.14.2014	1635													
TP4	TPSS Installation West Loch.	30	30	Feb.20.2014	Mar.21.2014	1635													
TP3	TPSS Installation Ho'opili .	30	30	Feb.27.2014	Mar.28.2014	1635													
TP22	TPSS Installation WOFH Section D on Deck	30	30	Mar.06.2014	Apr.04.2014	1635													
TP1	TPSS Installation UH West Oahu.	30	30	Mar.13.2014	Apr.11.2014	1635													
TP2	TPSS Installation East Kapolei.	30	30	Mar.20.2014	Apr.18.2014	1635													
TP6	TPSS Installation Leeward.	30	30	Mar.20.2014	Apr.18.2014	1635													
TP21	TPSS Installation WOFH Section B, C on Deck	30	30	Jun.13.2014	Jul.12.2014	1557													
<b>Traction Power Installation Section 1B</b>		113	113	Jun.20.2014	Oct.10.2014	1495													
TP7	TPSS Installation Pearl Highlands.	30	30	Jun.20.2014	Jul.19.2014	1557													
TP8	TPSS Installation Pearl Ridge.	30	30	Jul.13.2014	Aug.11.2014	1541													
TP11	TPSS Installation Aloha Stadium.	30	30	Jul.20.2014	Aug.18.2014	1541													
TP23	TPSS Installation Kamehameha on Deck	30	30	Sep.11.2014	Oct.10.2014	1495													
<b>Traction Power Installation Section 2</b>		307	307	Jan.16.2016	Nov.17.2016	848													
TP12	TPSS Installation PH Naval Base.	30	30	Jan.16.2016	Feb.14.2016	1097													
TP13	TPSS Installation Airport.	30	30	Jan.23.2016	Feb.21.2016	1097													
TP15	TPSS Installation Lagoon Drive.	30	30	Jan.30.2016	Feb.28.2016	1097													
TP16	TPSS Installation Middle Street.	30	30	Oct.12.2016	Nov.10.2016	848													
TP24	TPSS Installation Airport Guideway on Deck	30	30	Oct.19.2016	Nov.17.2016	848													
<b>Traction Power Installation Section 3</b>		146	146	Oct.26.2016	Mar.20.2017	753													
TP17	TPSS Installation Chinatown.	30	30	Oct.26.2016	Nov.24.2016	848													
TP18	TPSS Installation Civic Center.	30	30	Nov.02.2016	Dec.01.2016	848													
TP19	TPSS Installation Ala Moana	30	30	Nov.09.2016	Dec.08.2016	848													
TP25	TPSS Installation City Ctr Guideway On Deck	30	30	Feb.19.2017	Mar.20.2017	753													
<b>Traction Power Supply Systems Inter. Testing All Sections</b>		1168	1168	Jan.29.2014	Apr.10.2017	753													
PST7	TPSS Integrated Testing MSF	21	21	Jan.29.2014	Feb.18.2014	1708													
PST8	TPSS Integrated Testing West Oahu	21	21	Jul.13.2014	Aug.02.2014	1564													
PST10	TPSS Integrated Testing Kamehameha	21	21	Apr.12.2015	May.02.2015	1312													
PST6	TPSS Integrated Testing Airport	21	21	Nov.18.2016	Dec.08.2016	855													
PST9	TPSS Integrated Testing City Center	21	21	Mar.21.2017	Apr.10.2017	753													
<b>Wayside Systems Installation</b>		1207	1207	Dec.30.2013	Apr.19.2017	730													
WS6	Wayside Systems Installation Yard	60	60	Dec.30.2013	Feb.27.2014	1577													
WS1	Wayside Systems Installation WOFH B,C	60	60	Jun.13.2014	Aug.11.2014	1472													

- Train Control Installation Kalihi
- Train Control Installation Kapalama
- Train Control Installation Iwilei
- Train Control Installation China Town
- Train Control Installation Downtown
- Train Control Installation Civic Center
- Train Control Installation Kaka'ako
- Train Control Installation Ala Moana
- Train Control Integrated Testing MSF
- Train Control Integrated Testing West Oahu
- Train Control Integrated Testing Kamehameha
- Train Control Integrated Testing Airport
- Train Control Integrated Testing City Center
- TPSS Installation MSF
- TPSS Installation Waipahu.
- TPSS Installation West Loch.
- TPSS Installation Ho'opili .
- TPSS Installation WOFH Section D on Deck
- TPSS Installation UH West Oahu.
- TPSS Installation East Kapolei.
- TPSS Installation Leeward.
- TPSS Installation WOFH Section B, C on Deck
- TPSS Installation Pearl Highlands.
- TPSS Installation Pearl Ridge.
- TPSS Installation Aloha Stadium.
- TPSS Installation Kamehameha on Deck
- TPSS Installation PH Naval Base.
- TPSS Installation Airport.
- TPSS Installation Lagoon Drive.
- TPSS Installation Middle Street.
- TPSS Installation Airport Guideway on Deck
- TPSS Installation Chinatown.
- TPSS Installation Civic Center.
- TPSS Installation Ala Moana
- TPSS Installation City Ctr Guideway On Deck
- TPSS Integrated Testing MSF
- TPSS Integrated Testing West Oahu
- TPSS Integrated Testing Kamehameha
- TPSS Integrated Testing Airport
- TPSS Integrated Testing City Center
- Wayside Systems Installation Yard
- Wayside Systems Installation WOFH B,C

█ Remaining Level of Effort    █ Remaining Work  
█ Actual Level of Effort        █ Critical Remaining Work  
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							Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
WS2	Wayside Systems Installation WOFH Section - D	60	60	Aug.12.2014	Oct.10.2014	1472													
WS3	Wayside Systems Installation Kamehameha	60	60	Oct.11.2014	Dec.09.2014	1472													
WS4	Wayside Systems Installation Airport Guideway	60	60	May.30.2016	Jul.28.2016	935													
WS5	Wayside Systems Installation City Center Guideway	60	60	Feb.19.2017	Apr.19.2017	730													
Wayside Systems Inter. Testing All Sections		1161	1161	Feb.28.2014	May.03.2017	730													
WST2	Wayside Systems Integrated Testing MSF	14	14	Feb.28.2014	Mar.13.2014	1713													
WST3	Wayside Systems Integrated Testing West Oahu	14	14	Oct.11.2014	Oct.24.2014	1502													
WST5	Wayside Systems Integrated Testing Kamehameha	14	14	Dec.10.2014	Dec.23.2014	1502													
WST1	Wayside Systems Integrated Testing Airport	14	14	Jul.29.2016	Aug.11.2016	981													
WST4	Wayside Systems Integrated Testing City Center	14	14	Apr.20.2017	May.03.2017	730													
Contract Duration		2904	2904	Mar.08.2011	Feb.17.2019	317													
T101	Core Systems Contract Duration	2904	2904	Mar.08.2011	Feb.17.2019	317													
Full Sys. Inter. Testing -1A		121	121	Jul.14.2015	Nov.12.2015	1511													
T200	Full Sys. Testing & Pre-revenue Operations WOFH 1A.	90	90	Jul.14.2015	Oct.11.2015	1511													
T202	30 Day Demonstration Test.	30	30	Oct.12.2015	Nov.10.2015	1511													
T201	Start Operations West Oahu - Section 1A	0	0	Nov.12.2015		1511													
Full Sys. Inter. Testing - 1B		126	126	Jul.14.2015	Nov.16.2015	1506													
T240	Full Sys. Testing & Pre-revenue Operations Kamehameha 1B.	90	90	Jul.14.2015	Oct.11.2015	1300													
T242	30 Day Demonstration Test.	30	30	Oct.12.2015	Nov.10.2015	1506													
T241	Start Operations Kamehameha - Section 1B.	5	5	Nov.12.2015	Nov.16.2015	1506													
Full Syst. Inter. Testing - 2		242	242	Feb.11.2017	Oct.10.2017	812													
T250	Full Sys. Testing & Pre-revenue Operations Airport 2.	180	180	Feb.11.2017	Aug.09.2017	812													
T252	60 Day Demonstration Test	60	60	Aug.10.2017	Oct.08.2017	812													
T251	Start Operations Airport 2.	1	1	Oct.10.2017	Oct.10.2017	812													
Full Syst. Inter. Testing - 3		242	242	Jun.21.2018	Feb.17.2019	317													
T260	Full Sys. Testing & Pre-revenue Operations City Center 3.	180	180	Jun.21.2018	Dec.17.2018	317													
T262	60 Day Demonstration Test	60	60	Dec.18.2018	Feb.15.2019	317													
T261	Start Operations City Center - Section 3.	1	1	Feb.17.2019	Feb.17.2019	317													

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

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

22 of 22  
 Date : Jan.18.2011  
 Data Date : Dec.31.2010

