

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

Construction and Traffic Update April 21, 2016

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

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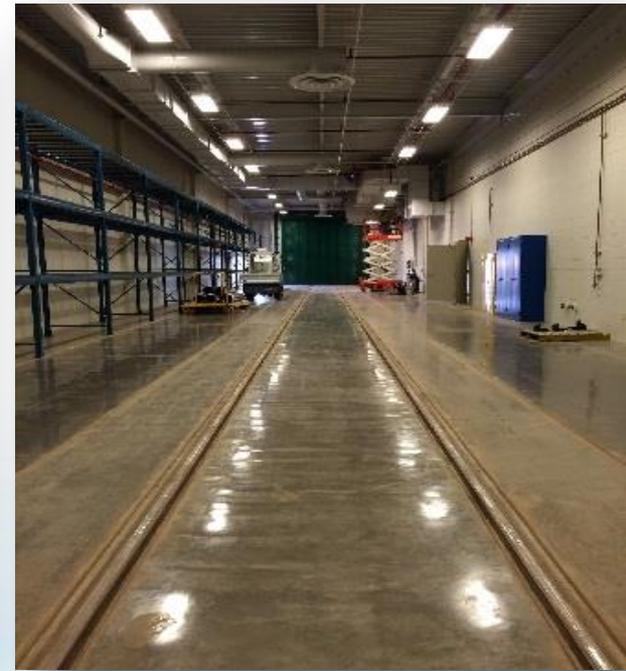
HONOLULU AUTHORITY for RAPID TRANSPORTATION

Project Map

20 Miles – 21 Stations



Rail Operations Center (ROC)



Physical Construction Completion	96%
Contract Billed to Date	93%
Contract Billing Planned Per Schedule	97%

- ROC construction currently tracking to the planned Substantial Completion date of May 2016 pending fire detection acceptance.

West Oahu Farrington HWY (WOFH)

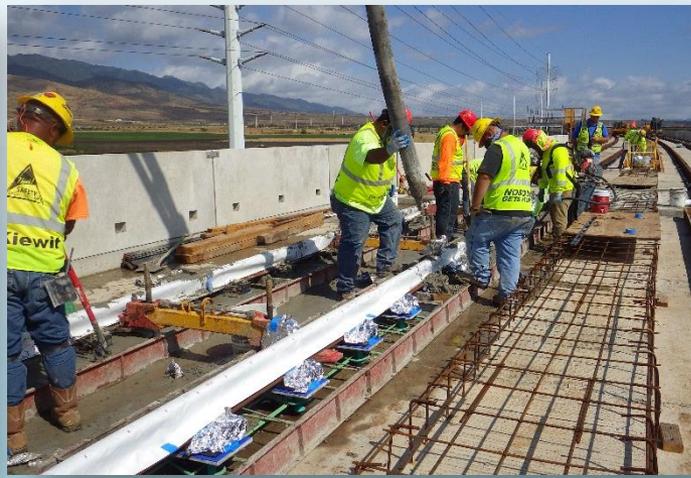
Construction Completion 79.6%*

Contract Billed to Date 80.1%

Contract Billing Planned Per Schedule 91.9%

- *Contract Substantial Completion: July 2016*
- *Projected Completion-Guideway Structure, Track and Roadway Civil – July 2016, LCC Station At-grade Section – December 2016*
- *DOH has lifted equipment restrictions*
- *Traffic Signal work to proceed*

* Reduction in % due to mill & overlay roadway being added.



West Oahu Stations

Construction Completion 3%

Contract Billed to Date 0%

Contract Billing Planned Per Schedule 0%

- Contractor mobilized on Feb 29, 2016 at UH West Oahu and has set up field office and begun building formwork.
- Revised Baseline Schedule comments sent back to contractor; awaiting resubmission.
- Preconstruction and Pre-Activity in progress.
- Awaiting approvals for Right of Entry at Ho'opili. Contractor documentation to comply with Right of Entry submitted.
- Construction coordination continues with interfacing contractors.



Farrington HWY Stations

Construction Completion	0.1%
Contract Billed to Date	0%
Contract Billing Planned Per Schedule	15%

- Contractor received approval of Environmental Compliance Plan on 3/25/16 allowing construction to commence.
- Steel reinforcement work ongoing at West Loch for drilled shafts.
- Access to LCC still problematic.



Kamehameha Highway Guideway (KHG)

Physical Construction Completion 27.7%*
Contract Billed to Date 57.3%
Contract Billing Planned Per Schedule 95.9%

Contract Substantial Completion: September 2016

Projected Completion

- Guideway Structure and Track – April 2017
- Roadway Civil – September 2017

* Reduction in % due to tracking 3 additional items (track work, third rail, and mill & overlay roadway)



H2R2 Ramp

Construction Completion 7%
Contract Billed to Date 1%
Contract Billing Planned Per Schedule 98%

- *Work proceeding now that environmental remediation on HDOT ROW on Lee property completed.*
- *Unforeseen utilities encountered at 30-inch corrugated metal pipe. HART working to resolve to provide direction to the contractor ASAP.*



Kamehameha HWY Stations Group (KHSKG)

Construction Completion 0%
Contract Billed to Date 0%
Contract Billing Planned Per Schedule 0%

- *Administrative NTP issued April 1st, 2016*
- *Anticipated construction start is July 2016*



Moving Forward: The Next 10 Miles



Airport Advanced Utilities

Physical Construction Completion 48%

Contract Billed to Date 42%

- *Airport Section Utility Construction currently is tracking 2 months behind the planned Substantial Completion date based upon the contractors recent unapproved schedule update.*



Moving Forward: The Next 10 Miles

Airport Guideway and Stations D/B Contract

- Technical Proposals and Bids – received and under evaluation
- Anticipated Award – July 2016
- Anticipated NTP – September 2016

City Center Guideway and Stations D/B Contract

- Technical Proposals and Bids – due July 14, 2016
- Anticipated Award – October 2016
- Anticipated NTP – December 2016



Traffic Update



Farrington Highway in Waipahu



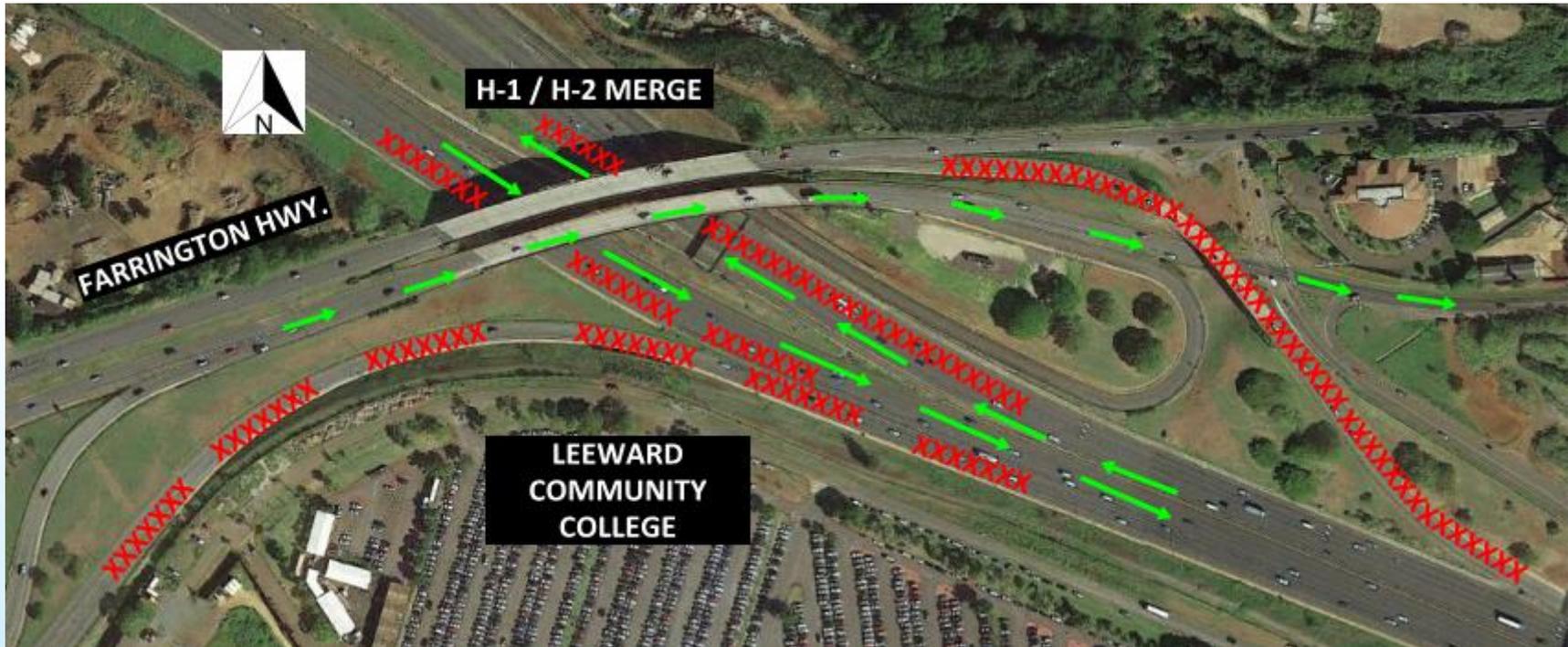
- Eastbound and westbound crossovers between Mokuola and Awamoku Streets for truss removal.
- Closures in place from 8:30 AM to 5:30 AM the following day.

Farrington Highway in Waipahu



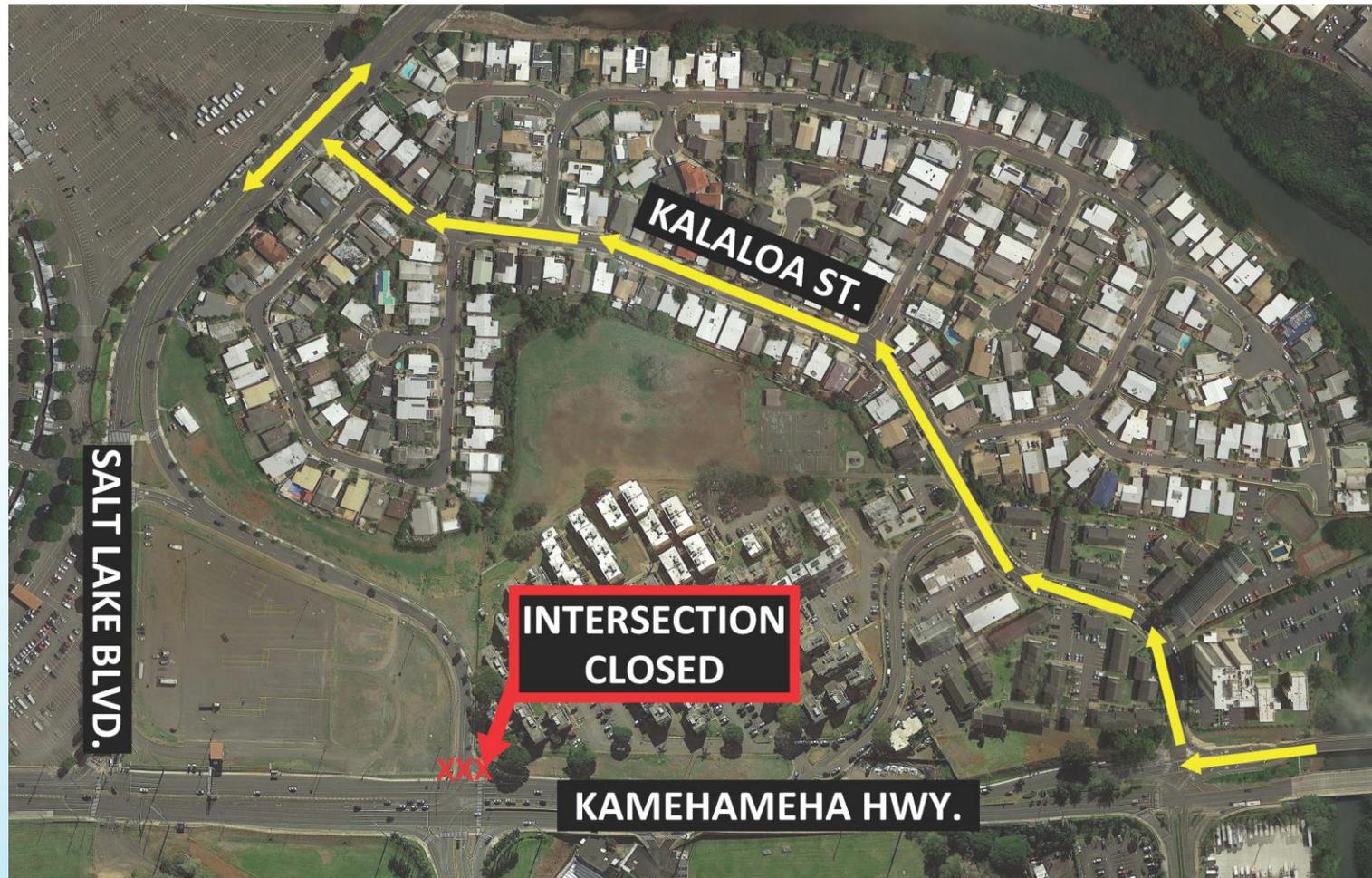
- Intersection closures at Kahualii Street for road restoration

Farrington Highway in Waipahu



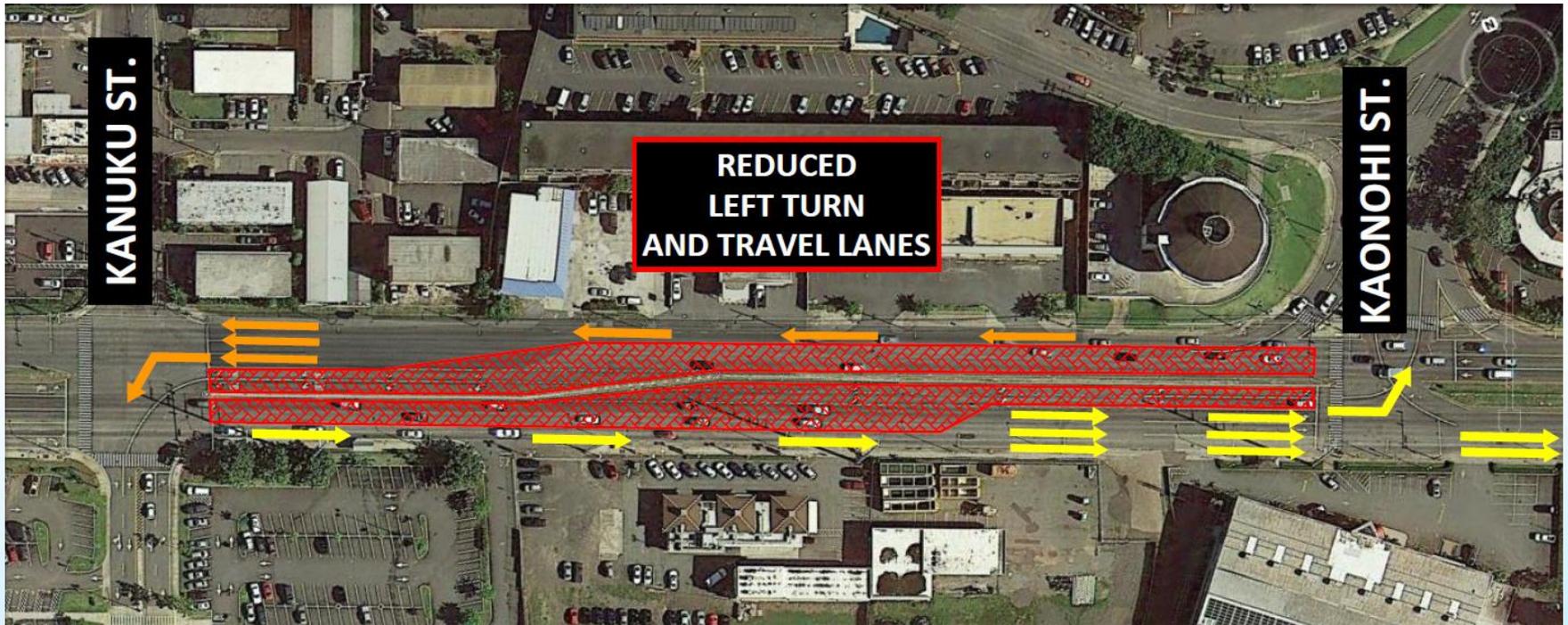
- Standard nightly closures at the H-1/H-2 merge

Kamehameha Highway – Pearl City



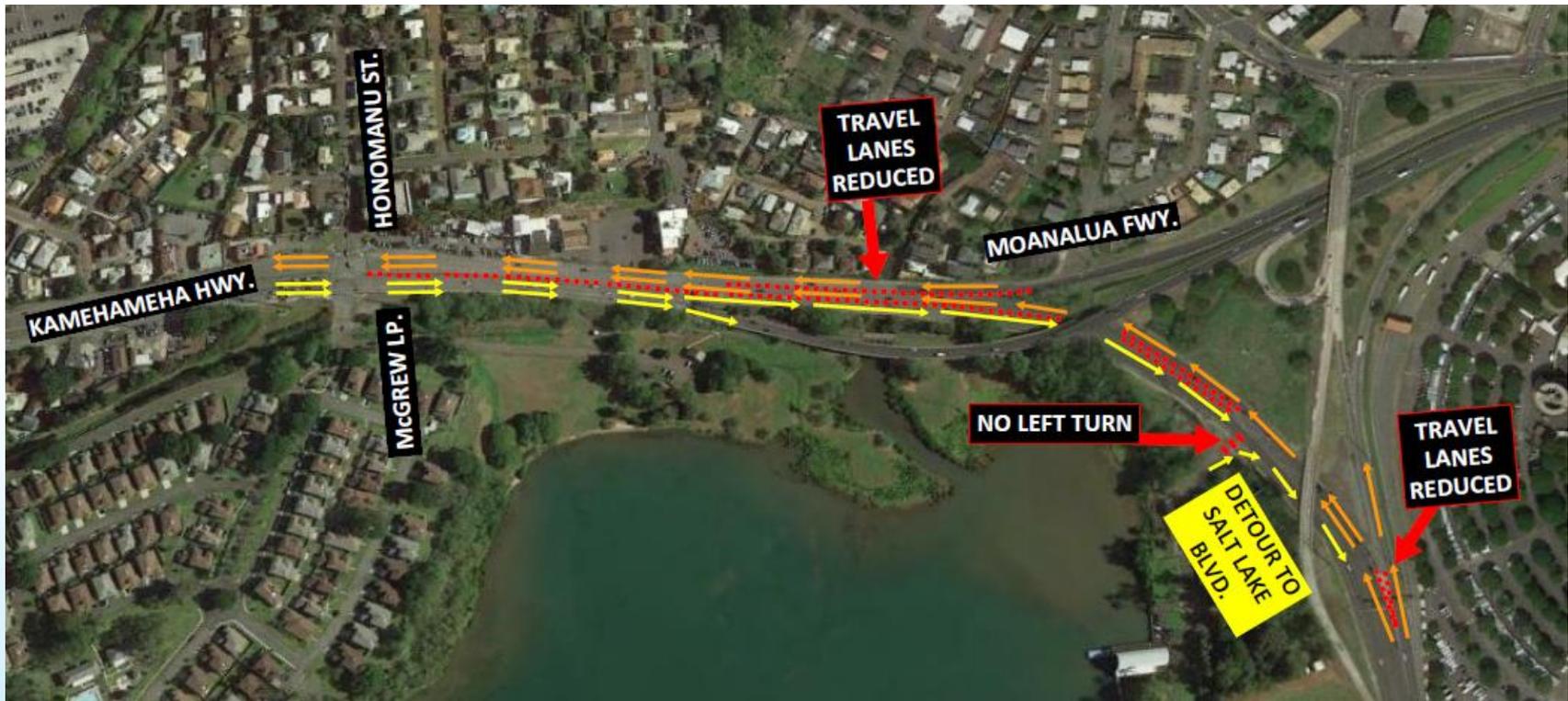
- Nightly Salt Lake Boulevard intersection closures for segment installation

Kamehameha Highway – Pearl City



- Eastbound and westbound inside lanes closed between Kanuku and Kaonohi Streets for equipment installation.
- All lanes will be open during peak travel times depending on direction.

Kamehameha Highway – Pearl City



- 24/7 eastbound and westbound inside lanes closed from Honomanu Street to the Moanalua Freeway merge
- First two phases of ultimate three-phased plan for drilled shaft work

Kamehameha Highway – Pearl City



- 24/7 westbound crossover between Honomanu Street and Moanalua Freeway merge
- Third phase for drilled shaft work

Stay Connected

- Monthly HART Facts Ad
- Public Access Television Program
- Weekly e-Blast
- Weekly Traffic Advisories
- Website and Social Media





HONOLULU AUTHORITY for RAPID TRANSPORTATION

HART FACTS—MARCH 2016

HART CEO Dan Grabauskas answers community questions about rail transit.

QUESTION:
What is the status of the production of HART's rail vehicles?

DAN GRABAUSKAS:
Our first four rail cars are in final assembly at the Hitachi plant in Pittsburg, California and are scheduled to be delivered here in Honolulu during the last week of this month. Our 4-car trains will be air conditioned, and passengers will have free Wi-Fi access. Trains will run from 4 a.m. to midnight and will arrive at stations every 5 minutes during the morning and evening rush hours, and every 11 minutes during the rest of the day. Each train will be equipped with safety and security features, including closed-circuit television cameras and call boxes. Passengers will be able to bring luggage, strollers, bicycles and surf boards aboard. The cars will undergo some initial testing at the Rail Operations Center in Waipahu.

PROJECT REVENUE STATUS As of February 1, 2016		Projections to Date ¹	Collected or Committed to Date	Percentage (of projections)
REVENUE SOURCE:		(in millions)	(in millions)	
Project Beginning Cash Balance (Dec. 2009)	\$ 298	\$ 298	\$ 298	100%
General Excise Tax (GET) Surcharge ²	3,291	1,239	1,239	38%
Federal New Starts Funds	1,550	1,056	1,056	68%
Other Federal Transportation Funds	214	4	4	2%
Interest Income	2	9	9	
TOTAL	\$5,355	\$2,626	\$2,626	49%

1 - Projections to date from the June 2012 Financial Plan.
2 - Total GET surcharge revenue collected since January 1, 2007, is \$1.59 billion (includes \$378 million collected before December 2009).

PROJECT COST STATUS As of February 1, 2016		Current Budget ¹	Amount Committed ²	Amount Expended ³
		(in millions)	(in millions)	(in millions)
Guideway & Track Elements	\$1,159	\$ 550	\$ 292	
Stations, Stops, Terminals, Intermodal Support Facilities, Yards, Shops, Admin	419	302	5	
Site/Work & Special Conditions	115	115	92	
Systems	1,007	730	569	
Vehicles	249	234	40	
SUB-TOTAL*	\$3,140	\$2,122	\$1,033	
Right-of-Way (ROW), Land, Existing Improvements	\$ 198	\$ 104	\$ 100	
Professional Services (e.g., Planning and Design)	1,123	1,049	787	
Contingency	487	7	1	
Finance Charges	215	0	0	
SUB-TOTAL*	\$2,024	\$1,160	\$ 888	
TOTAL*	\$5,164	\$3,282	\$1,921	

1 - Current Budget reflects the June 2012 Baseline Budget with executed Budget Transfers.
2 - Approved contract value. 3 - Portion of the work that has been paid.
* All costs are rounded to the millions therefore subtotals may not add up to the amounts shown.

DID YOU KNOW? HART has ordered a fleet of 80 rail cars.

HART Rapid Response:

- 24-Hour Project Hotline number 808-566-2299
- Email Inquiries: info@HonoluluTransit.org
- Website Inquiries

Mahalo!



HONOLULU RAIL TRANSIT

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