

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*

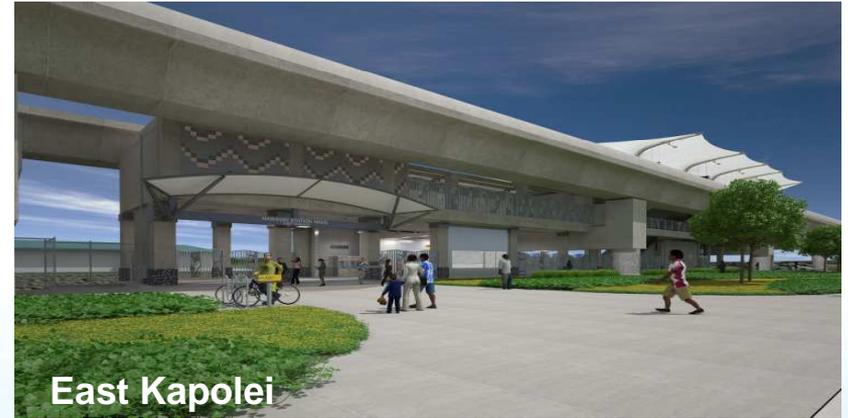
* Reduction in % due to mill & overlay roadway being added.



West Oahu Stations

Construction Completion	3%
Contract Billed to Date	0%
Contract Billing Planned Per Schedule	0%

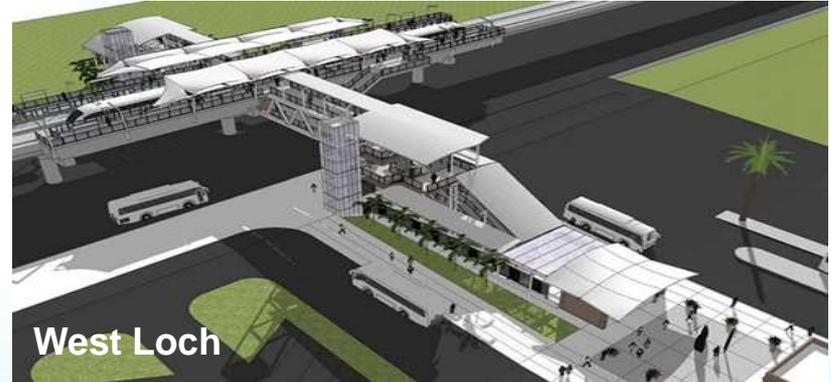
- Contractor mobilized on Feb 29, 2016 at UH West Oahu and has set up field office and begun building formwork.
- Revised Baseline Schedule comments sent back to contractor; awaiting resubmission.
- Preconstruction and Pre-Activity in progress.
- Awaiting approvals for Right of Entry at Ho'opili. Contractor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



Pearl Highlands Station

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*



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



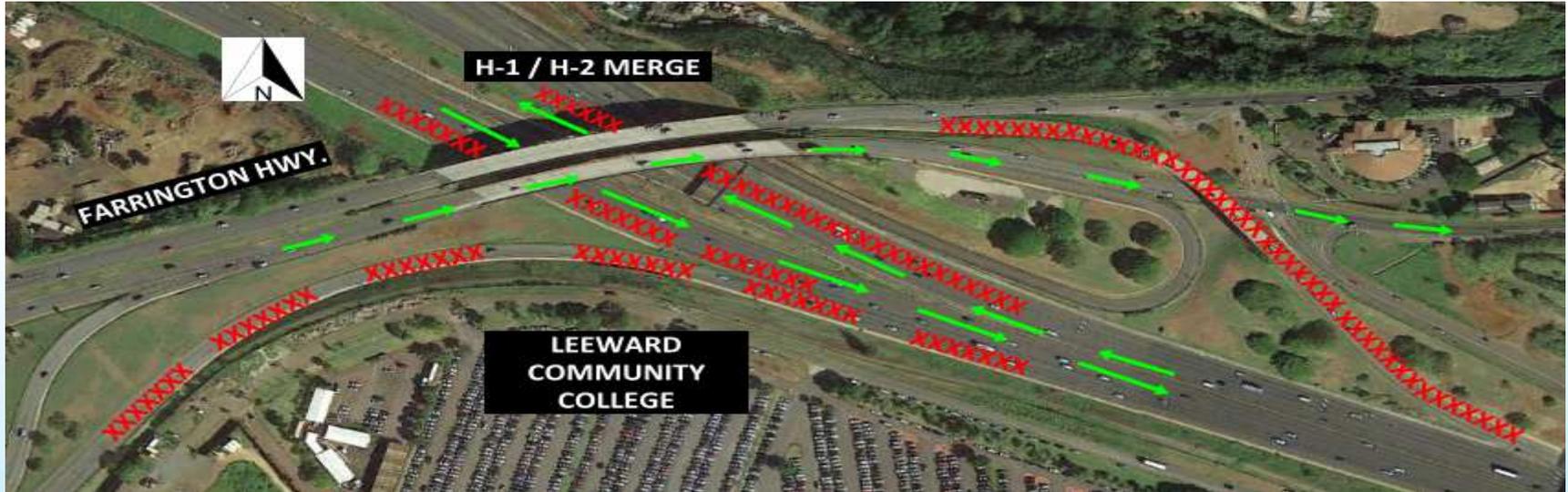
- Eastbound and westbound crossovers between Mokuola and Awamoku Streets for truss removal.
- Closures in place from 8:30 AM to 5:30 AM the following day.

Farrington Highway in Waipahu



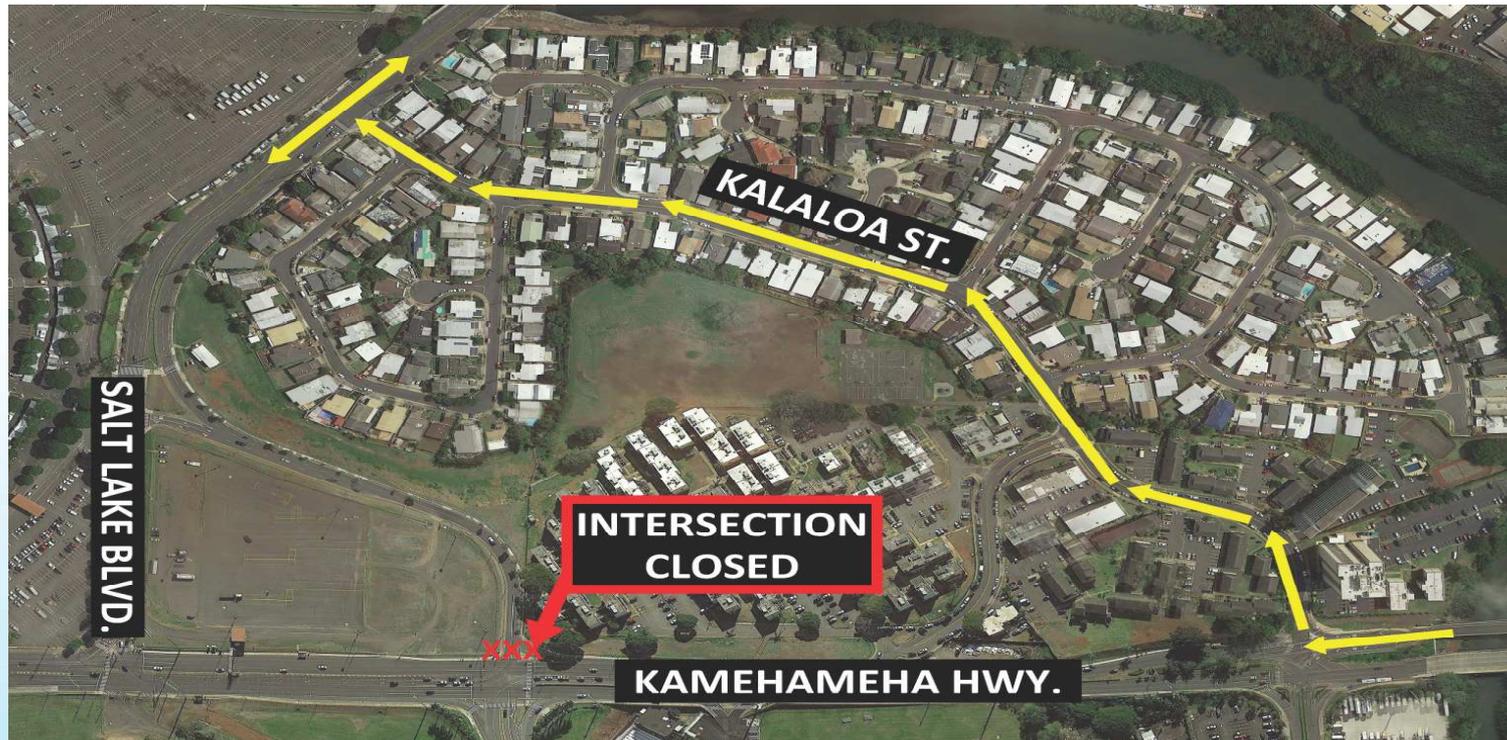
- Intersection closures at Kahualii Street for road restoration

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



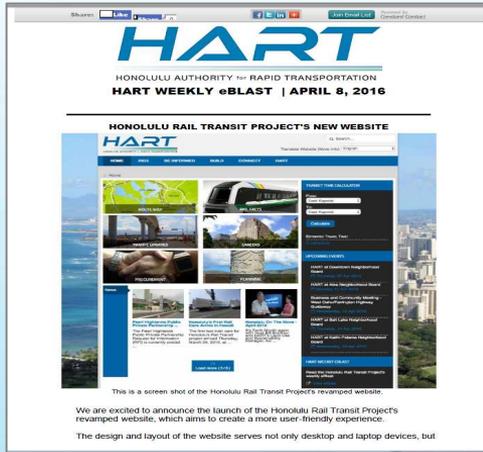
- 24/7 westbound crossover between Honomanu Street and Moanalua Freeway merge
- Third phase for drilled shaft work

Stay Connected

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

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)		\$ 288	\$ 288	100%
General Excise Tax (GET) Surcharge ²		3,291	1,239	38%
Federal New Starts Funds		1,500	1,056	68%
Other Federal Transportation Funds		214	4	2%
Interest Income		2	9	—
TOTAL		\$5,355	\$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	\$1,158	\$ 506	\$ 292	
Stations, Stops, Terminals, Intermodal	419	302	2	
Support Facilities, Yards, Shops, Admin	115	115	92	
Sitework & Special Conditions	1,007	730	569	
Systems	249	234	40	
Vehicles	191	191	36	
SUB-TOTAL⁴	\$3,140	\$2,122	\$1,033	
Right-of-Way (ROW), Land, Existing Improvements	\$ 108	\$ 104	\$ 100	
Professional Services (e.g., Planning and Design)	123	1,049	787	
Contingency	487	7	1	
Finance Charges	25	0	0	
SUB-TOTAL⁴	\$2,024	\$1,160	\$ 888	
TOTAL⁵	\$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. 4 - All costs are recorded 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!

