

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

Construction and Traffic Update August 8, 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 99%
Contract Billed to Date 99%
Contract Billing Planned Per Schedule 99%

- *Substantial Completion was issued for July 2, 2016.*

West Oahu Farrington Highway (WOFH)

Construction Completion	99%
Contract Billed to Date	92%
Contract Billing Planned Per Schedule	97%

Contract Substantial Completion: November 2016

Projected Completion:

- Guideway structure, track and roadway civil – November 2016
- Traffic signal work & intersections – December 2016
- LCC Station at-grade section – May 2017



West Oahu Stations

Construction Completion	6%
Contract Billed to Date	0.01%
Contract Billing Planned Per Schedule	0%

- Contractor continues to assemble falsework for the platform girder formwork at Ho'opili station site
- Method shaft has been completed at UH West Oahu . Method shaft report will be submitted to HART for review and approval.
- Resolving outstanding issues regarding contractual requirements for the baseline schedule approval.
- Site access to UH West Oahu site provided to the Contractor on July 13, 2016. Site access to East Kapolei is being discussed, as guideway contractor has items be addressed.
- Construction coordination continues with interfacing contractors.



Farrington Highway Stations

Construction Completion	7%
Contract Billed to Date	1%
Contract Billing Planned Per Schedule	30%

- *Contractor Baseline Schedule approved; updates to reflect Current Schedule status are ongoing.*
- *West Loch - Waterline and sewer utility modifications are underway. Load Test Shaft successfully completed and test results have been submitted for acceptance. Drilled shafts began in July.*
- *Waipahu Transit Center - Value Engineering Cost Proposal (VECP) negotiations are ongoing for proposed foundation modifications.*
- *Leeward Community College – Access delayed due to preceding contract.*



Leeward Community College

Kamehameha Highway Guideway (KHG)

Physical Construction Completion 58.9%

Contract Billed to Date 69.3%

Contract Billing Planned Per Schedule 98.9%

Contract Substantial Completion: September 2016

Projected Completion

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



H2R2 Ramp



Construction Completion	40%
Contract Billed to Date	25%
Contract Billing Planned Per Schedule	99%

- 30 " CMP jacketing review by HART (includes utility and pipe condition) completed. Tentative construction start August 8, 2016.
- Mass excavation, embankment operations and soils export work completed.
- Settlement gauges in place and being monitored-ongoing - tentative completion January 18, 2017.

Kamehameha Highway Stations Group (KHSKG)

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

- *Notice to Commence Administrative Work issued April 1, 2016. Coordination with interfacing contractors underway.*
- *Investigative/Pre-Construction Work at Pearl Highlands began in July 2016.*
- *Anticipated full construction start October 2016.*



Moving Forward: The Next 10 Miles

Airport Advanced Utilities

Physical Construction Complete 60%

Contract Billed to Date 55%

- *Projected Substantial Completion - September 2016*



Moving Forward: The Next 10 Miles

Airport Guideway and Stations

D/B Contract

- Award – July 2016
- Anticipated NTP – Oct/Nov 2016

City Center Guideway and Stations

D/B Contract

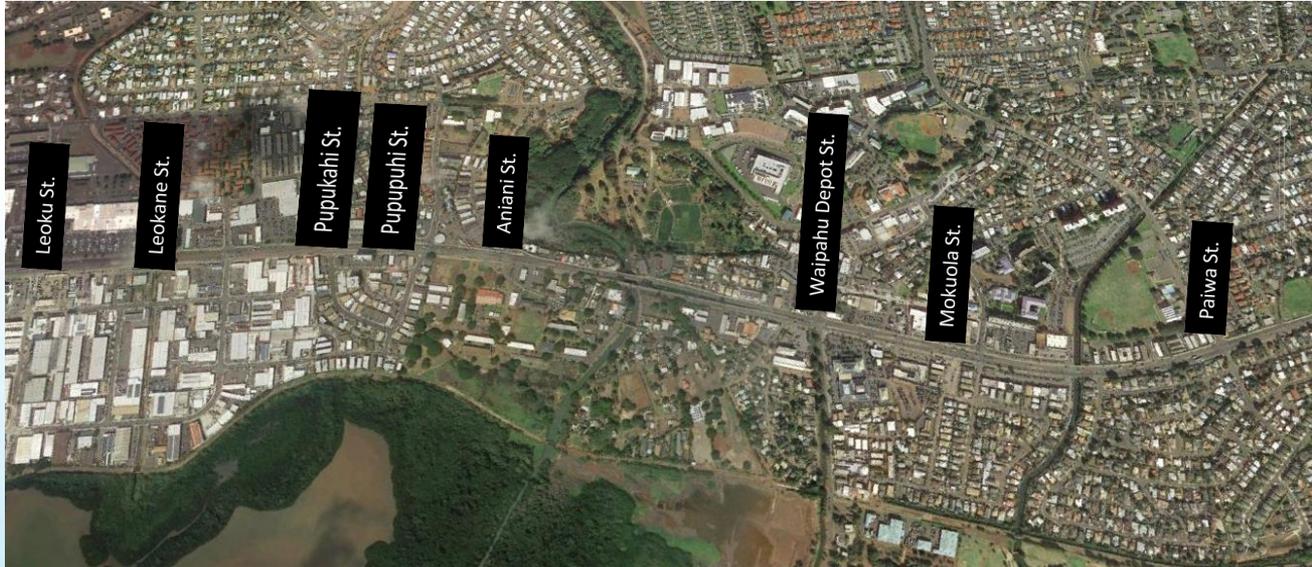
- Award and NTP – TBD



Traffic Update



Farrington Highway in Waipahu



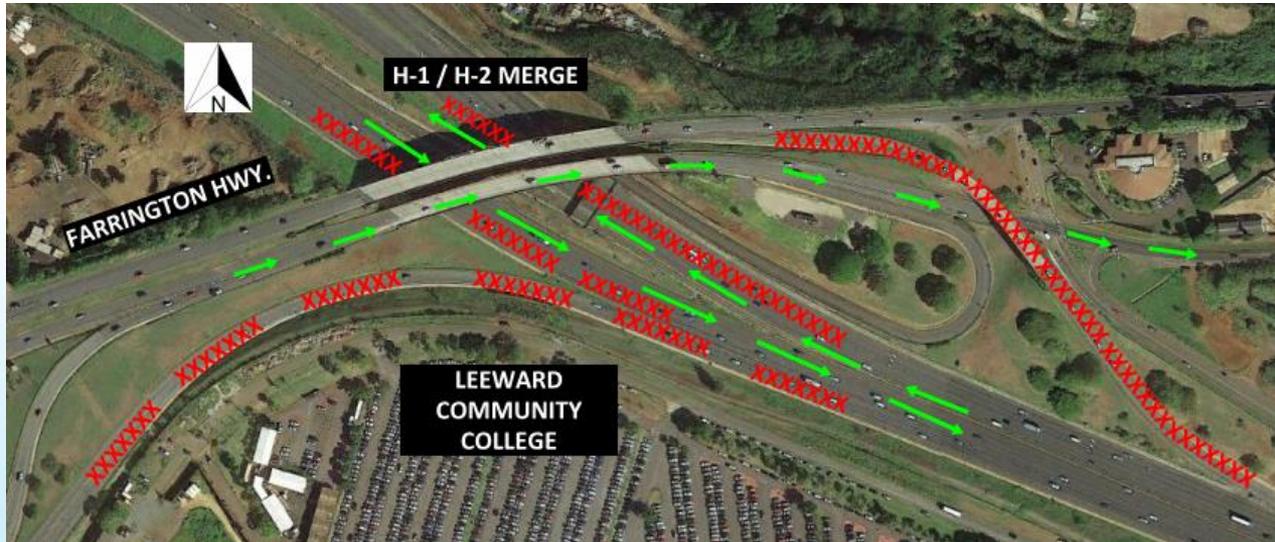
- Various daytime and nighttime closures between Leokane Street and Aniani Place for road restoration work

Farrington Highway in Waipahu



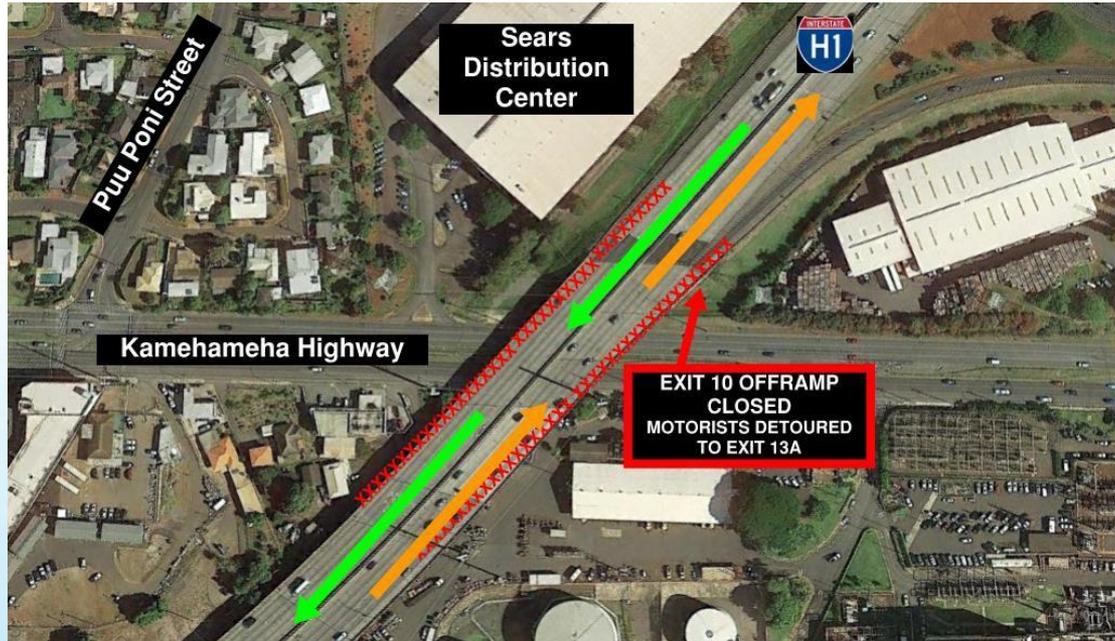
- Nightly westbound lanes closed between Mokuola and Waipahu Depot Streets for utility work

Farrington Highway in Waipahu



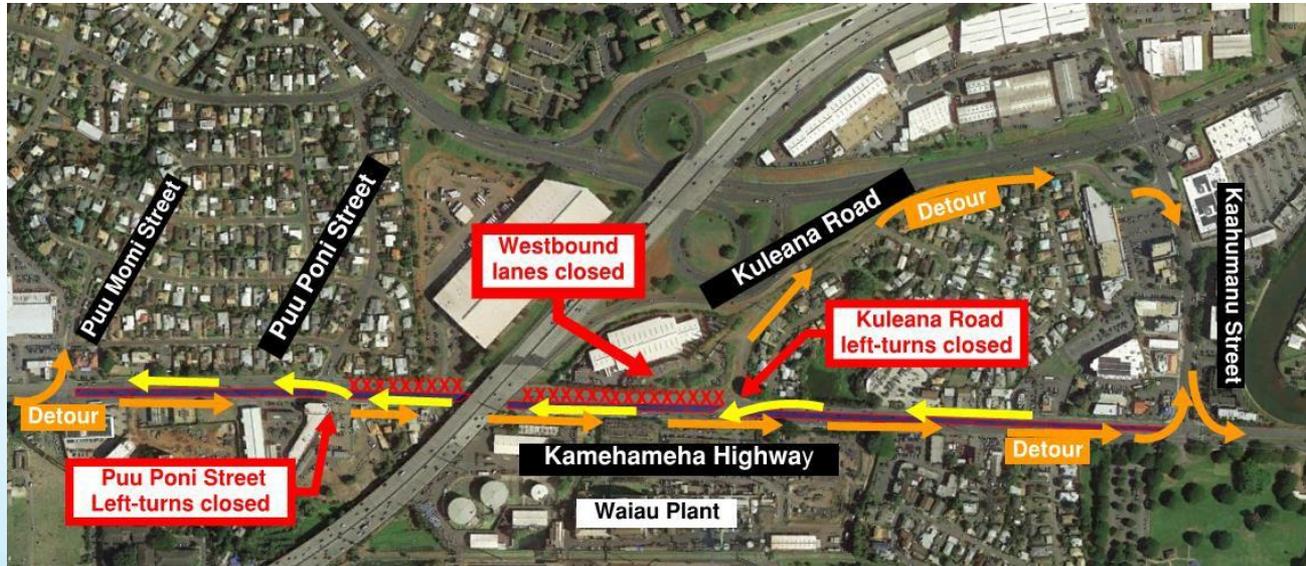
- Standard nightly closures at the H-1/H-2 merge

Kamehameha Highway in Pearl City



- Standard nightly closures on eastbound and westbound H1 in Pearl City

Kamehameha Highway in Pearl City



- Nightly westbound crossover between Kuleana Road and Puu Poni Street for balanced cantilever structure

Kamehameha Highway in Aiea



- Intersection closures at Kaahumanu Street for segment installation

Kamehameha Highway in Aiea



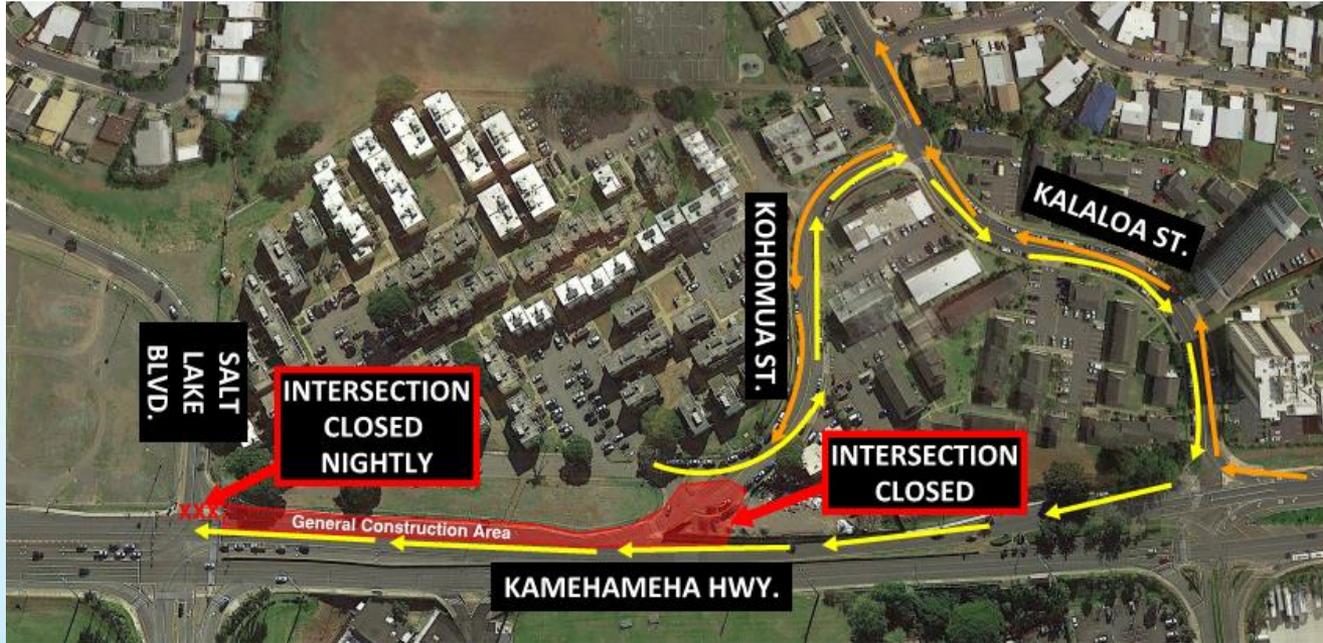
- Intersection closure at Honomanu Street for segment installation

Kamehameha Highway in Aiea



- 24/7 westbound contraflow near Moanalua Freeway for structures work

Kamehameha Highway in Salt Lake



- 24/7 intersection closure at Kohomua Street and nightly intersection closures at Salt Lake Boulevard for segment installation

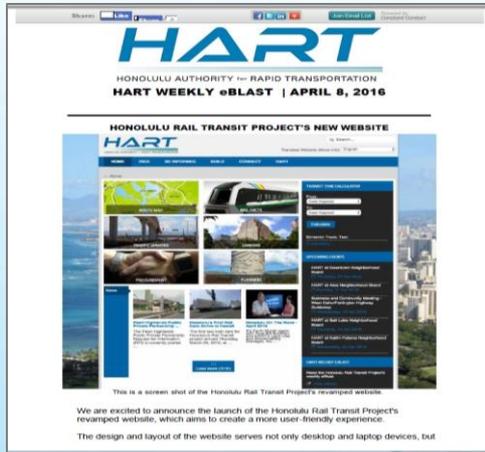
Stay Connected

- 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)	\$ 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 \$178 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	\$ 102	\$ 292	
Stations, Stops, Terminals, Intermodal	419	115	92	
Support Facilities, Yards, Shops, Admin	115	115	92	
Sidewalk & Special Conditions	1,007	730	560	
Systems	249	234	40	
Vehicles	191	191	36	
SUB-TOTAL*	\$3,140	\$2,122	\$1,033	
Right-of-Way (ROW), Land, Existing Improvements	\$ 188		\$ 188	
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 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!



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