

# RAIL TRANSIT PROJECT UPDATE

October 16, 2013

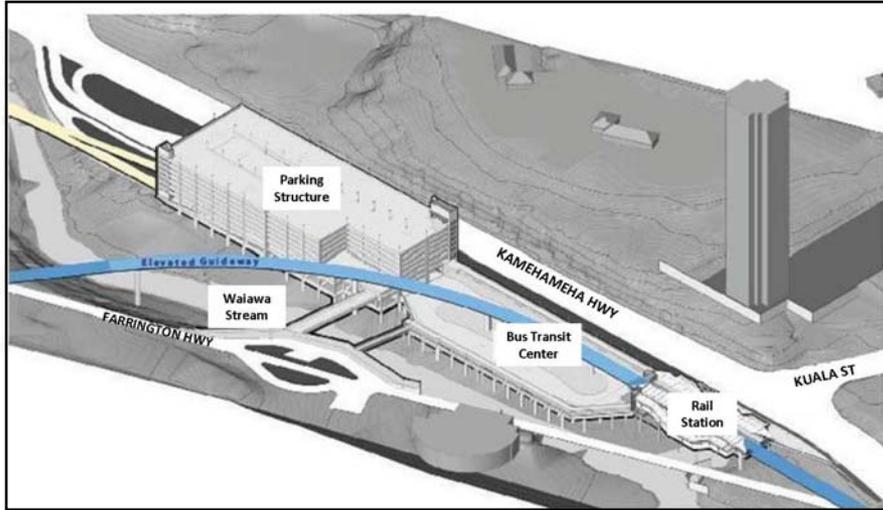


# 20 Miles and 21 Stations

Four Park-and-Ride Lots located at:  
East Kapolei, UH-West O`ahu, Pearl Highlands & Aloha Stadium



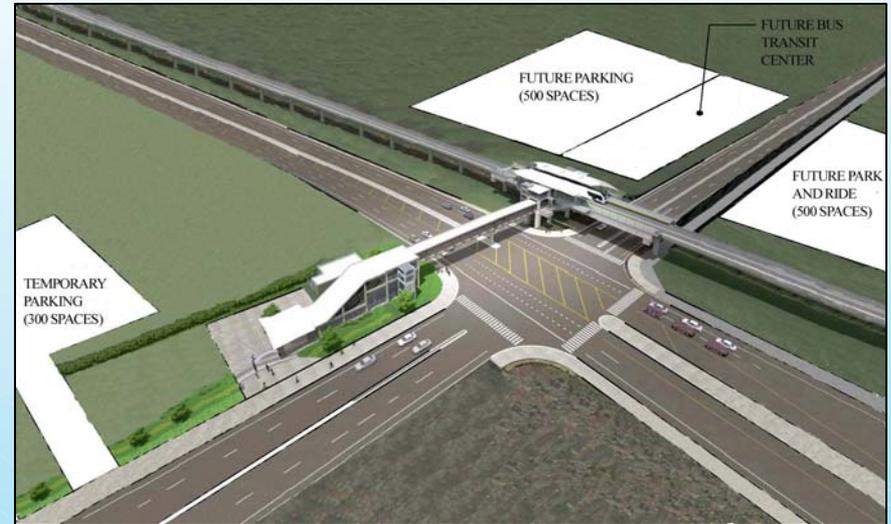
# Station Park-and-Ride Facilities



Pearl Highlands

## Park-and-Ride Lots: 4,100 spaces

- East Kapolei (900 spaces)
- UH West Oahu (1,000 spaces)
- Pearl Highlands (1,600 spaces)
- Aloha Stadium (600)
- Other locations under review



UH West O'ahu

# Rail Transit Corridor

- Nearly 70% of residents living in the project corridor
- More than 80% are working in the project corridor
- 750,000 more daily trips in the project corridor



# Transportation Benefits



- Average weekday ridership of more than 116,300 trips by 2030
- 40,000 fewer vehicles on the road each weekday by 2030

# Economic Benefits

- Rail construction will create about 10,000 jobs each year
- Rail will infuse our economy with billions of dollars via transit-oriented development
- Rail will increase mobility, transportation reliability and enhance workforce productivity
- Motorists can save more than \$11,000 annually by taking public transit



# Operating Details



## When will trains run?

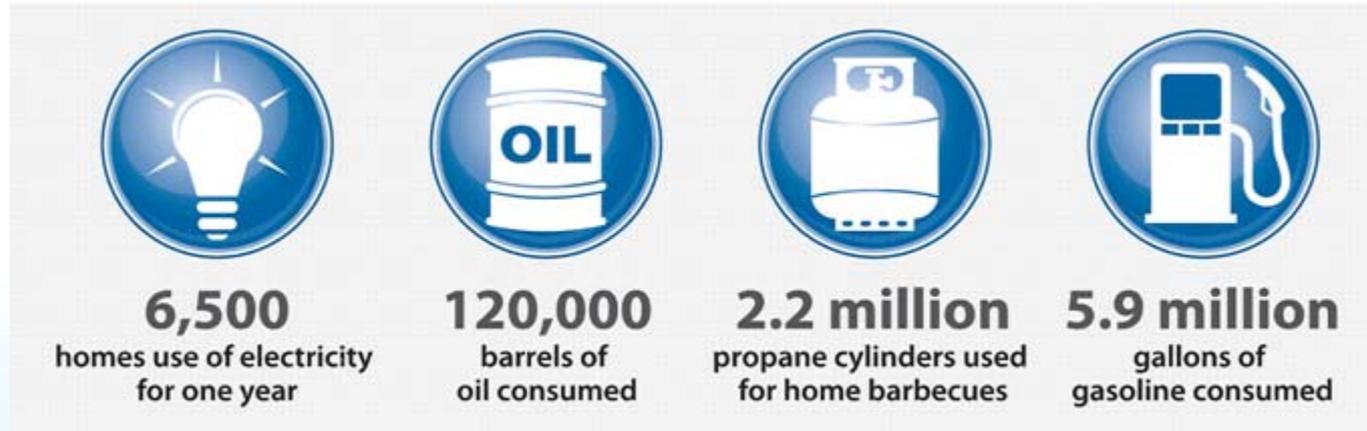
- 4 a.m. to midnight
- Every 3 to 6 minutes during peak travel times
- Every 10 minutes during evening hours
- Single systemwide fare system for rail and TheBus
- ADA compliant
- Bicycles, surfboards, wheelchairs, strollers, and luggage allowed
- Free Wi-Fi

## How fast will trains travel?

- 55 mph top speed & 30 mph average including station stops

# Environmental Benefits

Annual Energy Savings Equivalent to:



- Reduces pollution and our dependence on imported fossil fuel
- An electrically powered system will make the most of renewable energy sources
- Photovoltaic panels are being considered
- Transit-oriented development encourages density in the urban core, preserving pristine portions of our island

# Project Status

- More than half of the \$5.2-billion system's contracts have been awarded
- Construction resumed in September with work in progress throughout the alignment
- Column construction in West Oahu
- Utility relocations and geotechnical work further east



# Project Schedule

- Interim opening of the first 10 miles scheduled for 2017
- Full 20-mile system operational in 2019





# UPCOMING CONTRACTS



**LEGEND**

Ⓧ Station with Park-and-Ride

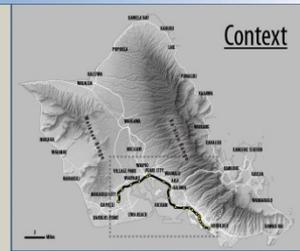
**Design-Build Contracts**

- West O'ahu Farrington Highway Guideway
- Kamehameha Highway Guideway
- Maintenance and Storage Facility

**Final Design & Design-Bid-Build Contracts**

- West O'ahu Station Group<sup>1</sup>
- Farrington Highway Station Group
- Kamehameha Highway Station Group<sup>2</sup>
- Pearl Highlands Parking Structure/Bus Transit Center<sup>3</sup>
- Airport and City Center Guideway
- - - Airport Utilities
- - - City Center Utilities
- Airport Stations
- City Center Stations

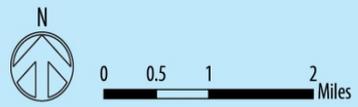
<sup>1</sup> Construction of the UH West O'ahu Station park-and-ride lot and Ho'opili Station finishes are a separate DBB contract  
<sup>2</sup> Includes one H2 freeway ramp and Aloha Stadium park-and-ride lot  
<sup>3</sup> Includes one ramp from H2 freeway



**Honolulu Rail Transit Project**

Corridor and Contracts Map

May 2013



# Construction Contracts

## West Construction Contracts

- 1) West Oahu/Farrington Highway/Kamehameha Highway Stations (9) (\$150m) – February 2014
- 2) Pearl Highlands Parking Structure & Ramps (Design-Build) (\$175m) – March 2014
- 3) University of Hawaii-West Oahu Park-and-Ride (\$10m) – March 2016

## East Construction Contracts

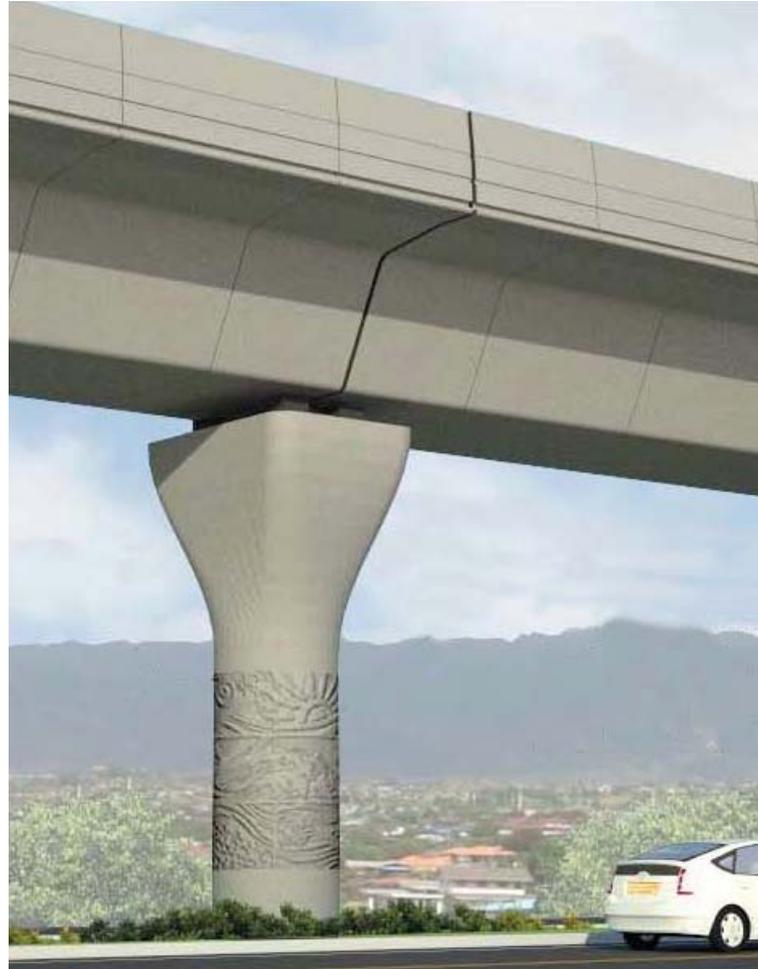
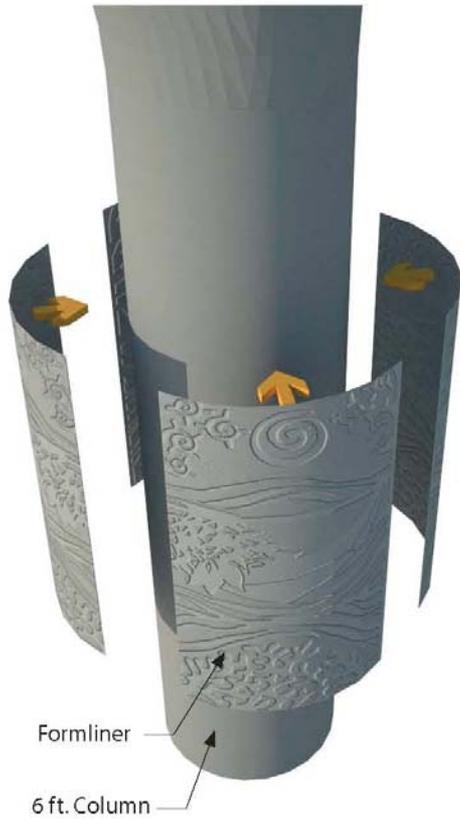
- 1) Airport Section Utilities (\$25m) – December 2013
- 2) Airport & City Center Guideway including City Center Utilities (\$745m) – July 2014
- 3) Airport Stations (4) (\$60m) – November 2014
- 4) Dillingham and Kaka'ako Stations (8) (\$125m) – August 2015

## Project Wide Contract

- 1) On-Call Construction Contractor(s) (\$5m) – November 2013

*\*Advertise dates*

# Aesthetic Column Program



# System-Wide Station Standardization Program



Architectural Rendering of Platform Canopy



## East Kapolei Station – Overall Site Plan



## University of Hawai'i West O'ahu Station – Aerial View

# Pearl Highlands Station & Transit Center



# *Mahalo!*

