

## A Forty Year Love Affair: Honolulu's Rail Transit System

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2011 Rail Conference

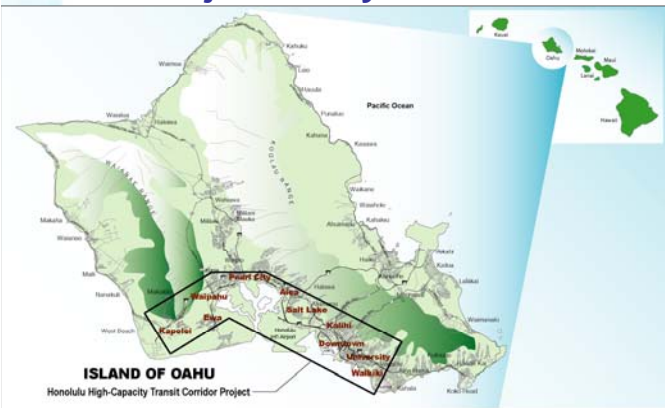
# Honolulu Rail Transit Project



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## Project Study Corridor



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## Honolulu Transportation Conditions

- 2<sup>nd</sup> most congested Metro area in 2010, per INRIX™ Travel Time Tax measure
  - Behind Los Angeles
  - Worse than San Francisco, Washington & New York
- 4<sup>th</sup> most annual transit boardings per capita
  - Behind New York, San Francisco & Washington
- 4<sup>th</sup> most annual transit passenger miles per capita
  - Behind New York, Washington & San Francisco

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## TheBus City and County of Honolulu

- 77 million annual unlinked trips (2009)
- 531-bus active fleet
- 439 buses in average weekday service
- 41¢ operating expense per passenger mile
  - best bus cost effectiveness among Top 50 Agencies
- Policy farebox recovery ratio of between 27% and 33%



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## O'ahu in 2030

- 200,000 more residents than in 2005
- 100,000 more jobs than in 2005
- 750,000 more daily trips than in 2005



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### Operating Details

- **When will trains run?**
  - From 4 a.m. to Midnight
  - Every 3 minutes during morning and afternoon rush hour
  - Every 6 minutes during mid-day hours
  - Every 10 minutes during evening hours
- **How fast will trains travel?**
  - Over 55 mph top speed
  - 30 mph average with stops



### Operating Details

#### How much will a ride cost?

- Same as TheBus; one-way transfers valid on both
- One pass system



#### How do I get to a rail station?

- Bus circulators service connect communities, including Pearl Harbor, to the fixed guideway system
- Every station will have bus stops, bike paths and walking paths
- Four park-and-rides totaling 4,100 parking spaces

### Honolulu Rail Transit Station Designs



**WAIPAHU STATION**  
Architect rendering

### 20-Mile, 21-Stop Route East Kapolei to Ala Moana Center





## Rail Station Accessibility

Compliant with ADA standards

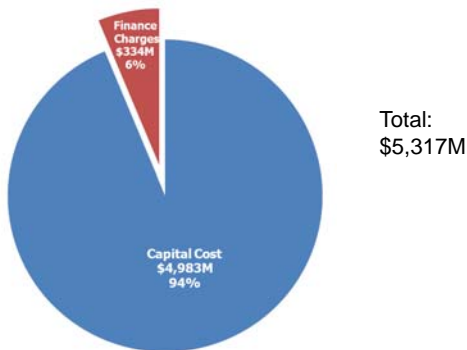


## Station Platforms



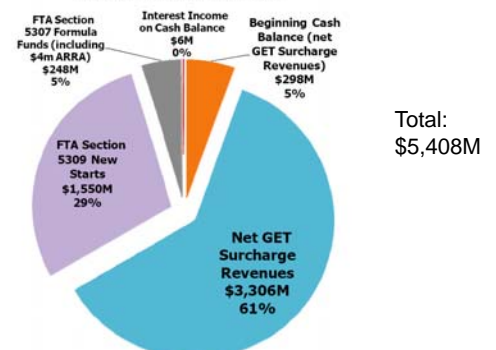
## Implementation of the Rail Project

Where the Dollars Go:

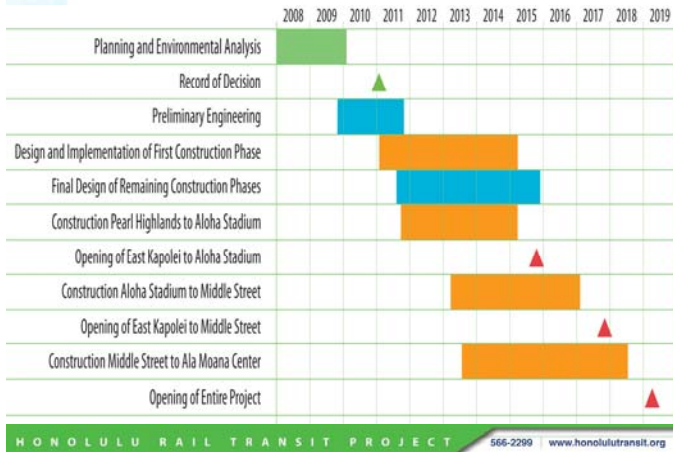


## Implementation of the Rail Project

Where the Dollars Come From:



## Construction Schedule



*Mahalo!*

