Honolulu Rail Transit Project Overview
October 2016
Project Overview

Project includes 20-miles, 21 stations, and Maintenance Facility
Parapet wall and sound barrier
Guideway Superstructure
Support Column

Typical Station - Kalihi

Platform Screen Gates

Rail Vehicle

Typical Height: 30-40 feet

0 10 20 Feet
0 2.5 5 meters
Stations

Hoopili Station
Trains

- Fleet of 20 trainsets (4-cars)
- 188 Total Seats per train
- 634 Passengers per train (Comfort Load – 3.2 pax/m²)
- Three (3) plug-type doors on side of each car (12 per train)

- Each railcar is 64 feet long and weighs 72,000 pounds
- Two roof-mounted air conditioning units
- Two powered trucks per car with all axles powered
- Closed-circuit TV cameras
Train Interiors

Wide Gangways

Wide Doors / ADA

Bicycle Racks

Surfboard Racks
West Oahu/Farrington Highway: 283 columns and 3,209 segments erected
Construction Progress

Kamehameha Highway: all foundations complete (186) and columns poured (163)
Rail Operations Center

43-acre Maintenance Facility
176,000 square feet of buildings
Cultural Sustainability

- Mo’olelo - Station Columns
- Cultural Monitoring
- Landscape Design
Community Building

Middle Loch Connector
Pearl Harbor Historic Trail Extension

Tree Relocation
Waiau District Park

Ai-Goto Building Rehabilitation
Community Integration

**Major Activity Hubs**
- Park-and-ride lots, bus transit centers
- 7,000 to 10,000 daily boardings (2030)

**Suburban Centers**
- About 60% will arrive by bus or auto
- 5,000 to 7,000 daily rail boardings

**Urban Neighborhoods**
- 60 to 80% will walk to the stations
- 2,000 to 4,000 daily rail boardings

Aloha Stadium

Pearlridge

Civic Center
Community circulator and regional bus routes will connect to rail.
Buses will play an important role in an integrated islandwide transit network.

Source: Travel Demand Forecasting Model (August 2013 run)
Transit-Oriented Development Plans

About 30,000 housing units are currently within walking distance of a rail station.
Stay Connected

- Weekly Traffic Advisories
- Weekly e-Blast
- Website and Social Media
- Public Access Television Program

HART Rapid Response
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Mahalo!