

Station Development Program

Ho'opili Station



This meeting is held in compliance with
Programmatic Agreement Stipulation IV. B

Kapolei Middle School
Tuesday, June 2, 2015

Project Map

20 Miles – 21 Stations



Features & Operating Details

When will trains run?

- 4 a.m. to midnight
- Every 5 minutes during peak travel times
- Every 11 minutes during non-peak travel times

How fast will trains travel?

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

System Features

- Single systemwide fare system for rail and TheBus
- ADA compliant
- Bicycles, surfboards, wheelchairs, strollers, and luggage allowed
- Free Wi-Fi



Platform Safety Gates

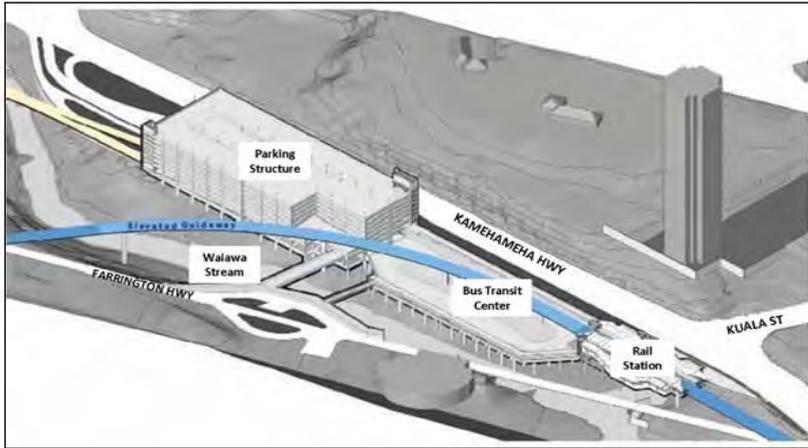
Features & Operating Details

- Platform Safety Gates
- Open Spaces: Breeze Flows Through
- Rain Protection: Entry to Boarding
- Colors & Finishes Reflect Hawai'i
- Cultural/Historical Motifs & Artwork
- Landscaping Incorporates Indigenous Plants
- Hawaiian Station Names
- System-Wide Security: CCTV in Stations & Vehicles
- Bike Stair Ramp
- Heavy Duty Large Elevators
- Emergency Response & Generators
- Bus – Rail Coordination



Stair Bike Ramps

Station Park-and-Ride Facilities



Pearl Highlands (1,600 spaces)



East Kapolei (900 spaces)



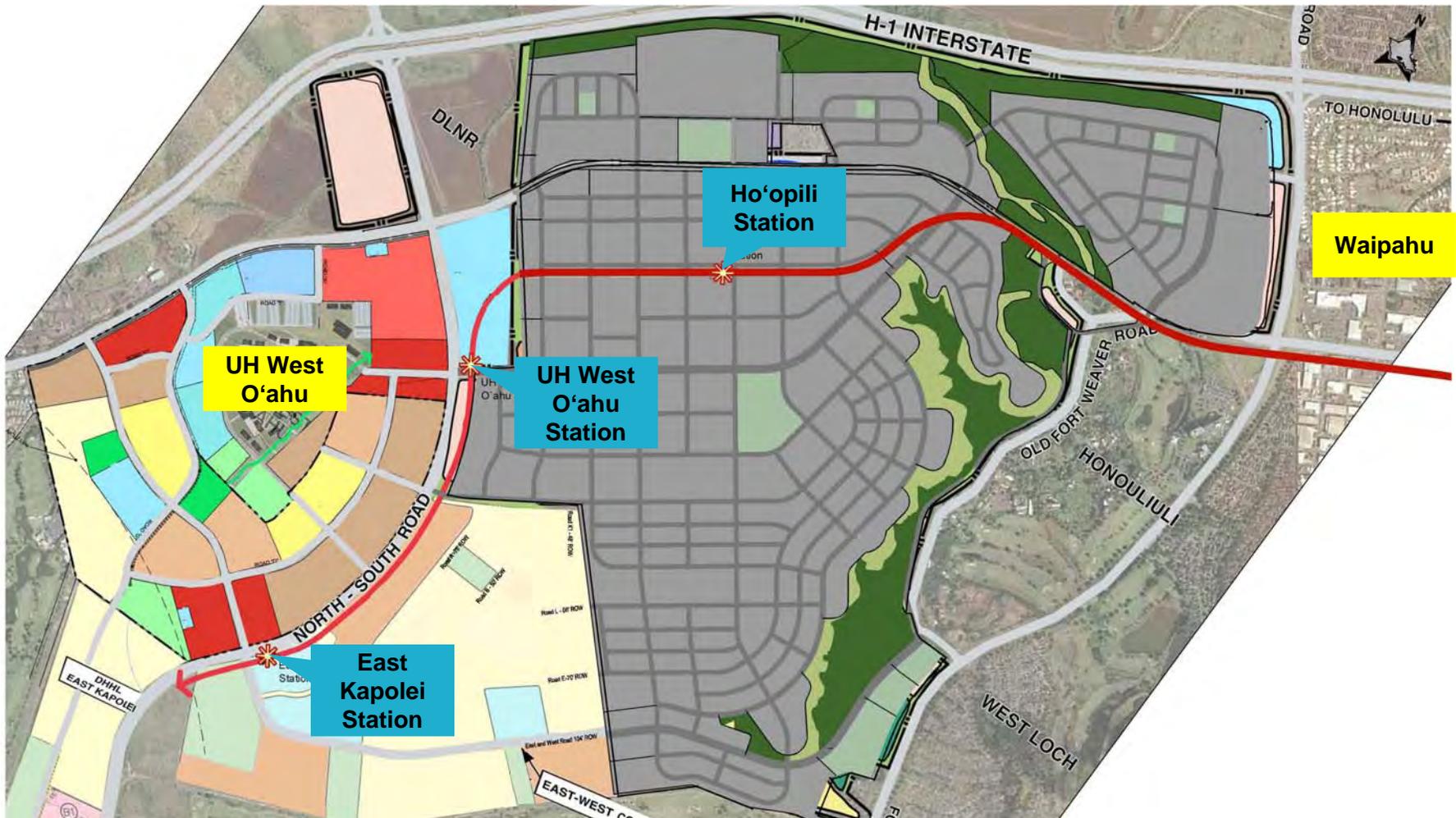
Aloha Stadium (600 spaces)



UH West O'ahu (1,000 spaces)

Ho'opili Station

DR Horton Master Plan Ho'opili Project





Ho'opili Station – Aerial View



Ho'opili Station Entrance



Ho'opili Station Entrance

East Kapolei and University of Hawai'i West O'ahu Stations



East Kapolei Station Entrance



University of Hawai'i West O'ahu Station Entrance

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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

www.honolulustransit.org

HART

HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

Cultural Programs

Cultural Paving & Landscape Plan

Ho‘opili Station



Puahala Makaloa Mat pattern — represents the majestic mountains seen from the plain

Swirling Ka makani (winds) that flow through Honouliuli



'Ulu Tree

Shrubs & Ground Covers



Yellow Hibiscus



Nehe



Pohinahina

Aesthetic Column Program

The history and stories that celebrate the past while acknowledging the present day existence that surrounds each station site...



Ho'opili Station

Aesthetic Column Program

Ho'opili Station Columns



Honors the natural elements that nourished the agricultural lands and the mo'olelo of the Honouliuli ahupua'a

Interpretative Signage Program

Hawaiian Quilts: Lei of Love

The highly graphic floral designs of Hawaiian applique quilts remind us that love and respect for nature permeated every aspect of Hawaiian traditional culture. There is perhaps no more sensitive and universally recognized symbol of that love than the Hawaiian lei. Flowers, trees and other objects, as well as feathers, shells and shells were strung, carved, braided, or knotted to form lei. An integral part of everyday life, early accounts told of native Hawaiian women who "delight in flowers and were wreathed on their heads... in the most beautiful way... always well dressed and in good taste."

In the language of Hawaiian (chant, music and dance, being words had hidden meanings (haiku). These references to lei really spoke of love and love-making: "Fragrant garland, Sins, I have, with and for it" described the sweetest of pleasures. Behind children, as part flowers, also were called lei. Romantic love also found expression in the name, form, and contents of the upland forest. Many of the old Hawaiian quilt patterns names were likewise "inspired by the name of mountains." Where many find their lei—should be expressed the language of love!

Quilts, like the lei of old, carried the aloha and the mana (power or spirit) of the maker and were seldom shared outside the family (family) for some have held the maker. Quilts might be burned on the death of the quilt maker, or the quilt might be burned with her quilts in such the same way that lei might be burned or buried.

Precious feathers, wood and shell lei were carefully stored when not in use. In many families, Hawaiian quilts were also carefully stored away and displayed on beds only for special occasions. Children were named knowing it was forbidden to ever sit on a quilt.





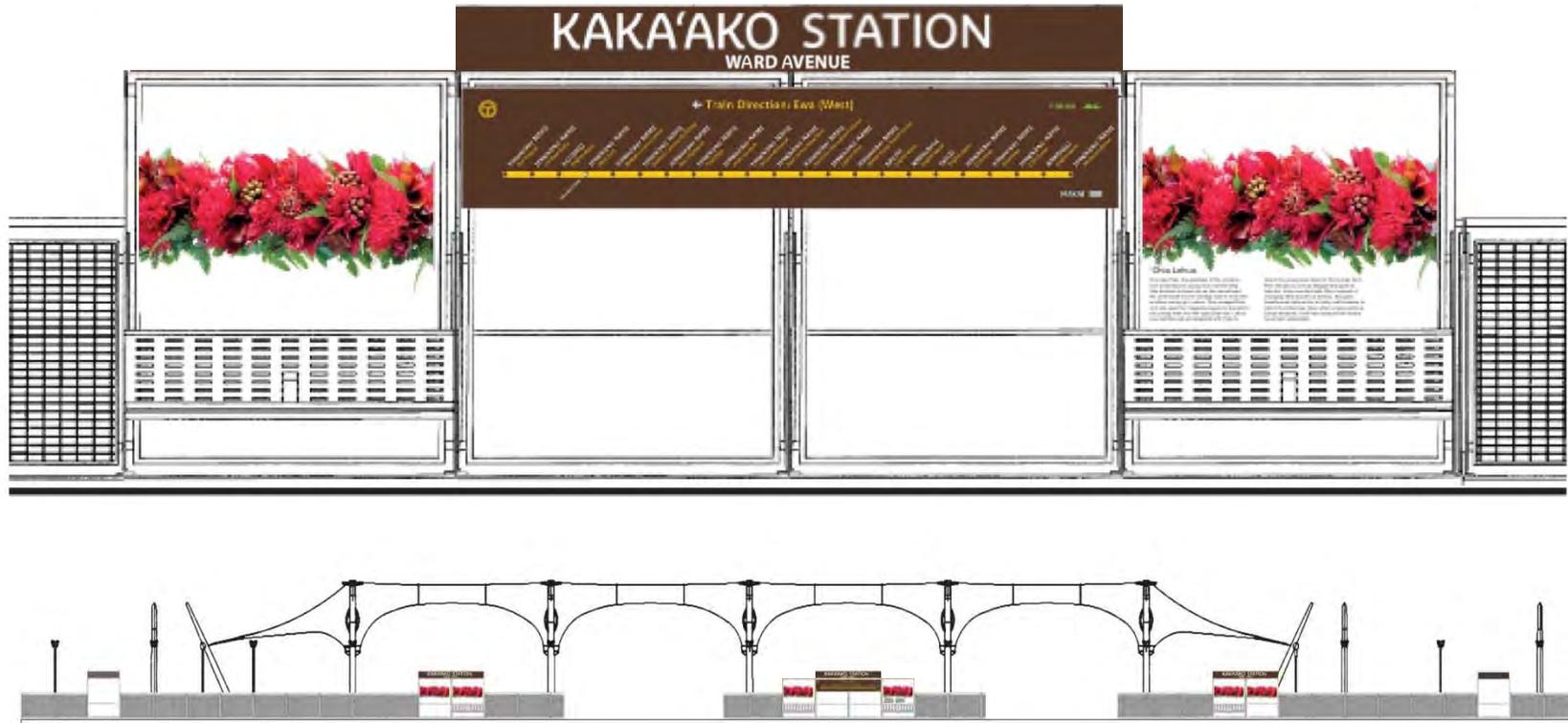

<p>1. KAKAHIKA, SUNRISE - Enlightenment</p> <p>2. HEIAU - To worship the Sun</p> <p>3. 'AKO'AKO'A - Coral of the Ewa coastline with Lipoa limu</p>	<p>1. HIGH NOON - Time for harvest</p> <p>2. KUKUI NUT - Burning candles made from its oils are symbols for enlightenment</p> <p>3. FLOWING STREAMS</p>	<p>1. DUSK - Time to feast</p> <p>2. KALO - Brought to life by the flowing streams</p> <p>3. SPRING - An ancient spring that begins in the hills of Hono'uiliuli</p>	<p>1. PŌ - Time for rest</p> <p>2. PUEO - A familiar 'aumakua found in the Hono'uiliuli Preserve</p> <p>3. KAI - The rich fishing grounds of Hono'uiliuli</p>
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UH West O'ahu



Aloha Stadium

Station Art Program



A selection of flowers and plants used in the lei will be celebrated on each station platform windscreen. Educational interpretative text that highlights the cultural significance or traditions of the plant selection will be included.

Windscreen Design

Station Art Program

Art Opportunity Categories

- Paving and Floor Designs
- Platform Glass Windscreens
- Wall Murals and Low reliefs
- Grille and Artistic Fencing
- Art Glass Windows
- Attached Architectural Elements



See It Split, See It Change, by Doug & Mike Starn,
Fused glass panels & stainless steel fence
South Ferry Station, 1 line, MTA - New York City Transit

Types of materials

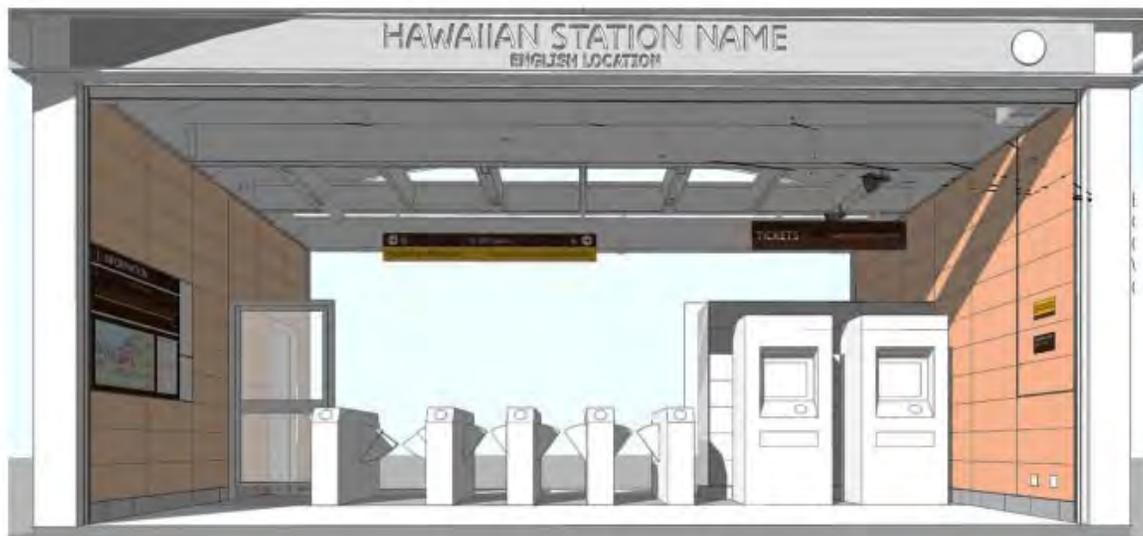
- Metal
- Stone
- Glass
- Concrete
- Ceramic
- Mosaic tile
- Other durable materials impervious to environmental conditions



Shad Crossing by Ming Fay
Glass mosaic
Delancey Street-Essex Street, MTA, New York City Transit

Station Naming Program

HAWAIIAN STATION NAME
STATION LOCATION



Station Entry Module

- Ticket Vending Machines (TVMs)
- Turnstiles & Wheelchair ADA Access
- Neighborhood & Station Locations Map
- Customer Information Phones
- Emergency Phones
- Public Address and Digital Variable Messages
- Directional Signage to Platform
- Automated External Defibrillator (AED)

All stations will have Hawaiian Language names with location identification.

Inspiration and References

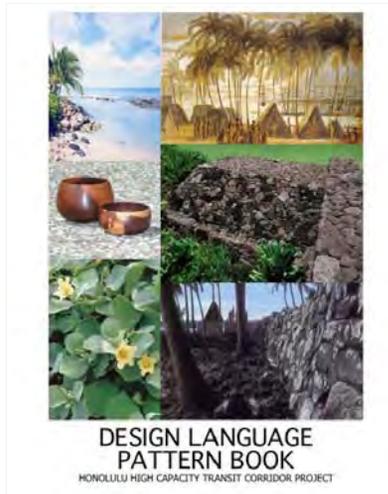
Design Language Pattern Book

“A guide for the station colors, textures, finishes and enhancements”

- Design Language Pattern Book

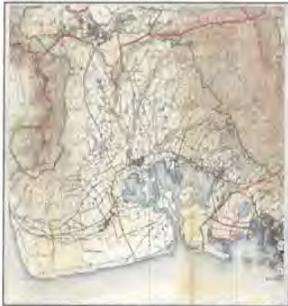
“Site conditions, site circumstances, technical issues, budgets and numerous other considerations will shape final design.”

- Design Language Pattern Book



Authored by Dan Chun, Architect, FAIA

HE MO'OLELO 'ĀINA-
TRADITIONS AND STORIED PLACES
IN THE DISTRICT OF 'EWA AND
MOANALUA (IN THE DISTRICT OF KONA),
ISLAND OF O'AHU
A TRADITIONAL CULTURAL PROPERTIES STUDY -
TECHNICAL REPORT



Historical & Aerial Documentary Research - Oral History Interview Studies
Researching and Preparing Studies from Hawaiian Language Documents
Maui, Kauai, Boundary Commission, & Land History Records
Integrated Cultural Resources Management Planning
Preservation & Integrative Program Development

Authored by Kumu Pono Associates,
Kepa Maly & Onaona Maly

Traditional Cultural Properties Study

- Examination of the Cultural & Historical records
- Wahi Pana (Storied and Sacred Places)
- Major Mo'olelo (legends) and Themes
- Identified Inoa 'Āina (named places)
- Create Site Maps to locate Inoa 'Āina
- Identify eligible sites for submittal to National Registry

Inspiration and References

Archaeological Inventory Survey Reports



Authored by Cultural Surveys Hawai'i, Inc.



Account of the Natural Environment

- Soils, rainfall, terrain & waterways

Historical Background

- Political and Cultural
- Agricultural
- Land use and ownership
- Military

Mythological and Traditional Accounts

- Hawaiian Mo'olelo (legends)

Community Comments – *You asked, we listened.*

Over 300 comments considered –

Colors: Incorporate earth tone colors

Landscaping: Use indigenous plants

History: Interpretive, historical artwork in station tiles

Signage: Use Hawaiian and English language

Stay Connected

24-Hour Project Hotline: (808) 566-2299

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Project eMail: info@HonoluluTransit.org

