

Waipahu

Final Rail Station Community Workshop

July 8, 2009

Waipahu Intermediate School



RAIL STATIONS COMMUNITY WORKSHOPS

Agenda

- Project overview & schedule
- Station locations
- Elevated guideway
- Designs
 - Waipahu Transit Center Station
 - West Loch Station
- Talk story with the architects



HONOLULU RAIL TRANSIT



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Project Schedule

- Late Summer 2009: Release of Final Environmental Impact Statement
- Fall 2009: Federal Transit Administration issues Record of Decision
- Fall 2009: Award design/build contract for first guideway segment
- December 2009: Start construction of elevated guideway

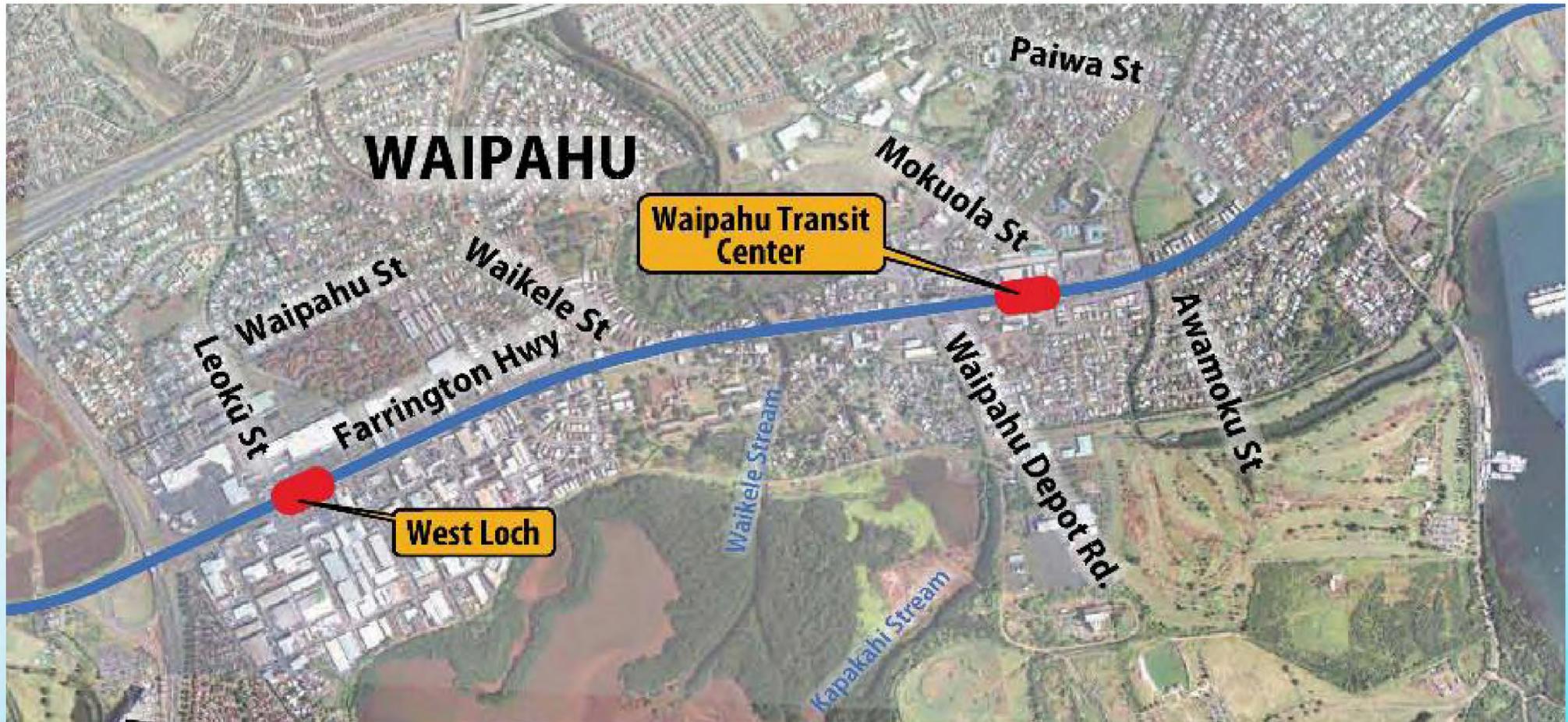


Project Schedule

- Summer 2011: Start construction of Waipahu Transit Center Station
- Fall 2011: Start construction of West Loch Station
- Late 2012: Initial service begins in Waipahu
- Spring 2019: Start of full service between East Kapolei and Ala Moana Center



Project Route in Waipahu



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Waipahu Transit Center Station

Mokuola Street on Farrington Highway



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Waipahu Transit Center Station Site Plan



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Travel Times from Waipahu Transit Center

Destination	Travel Time
LCC	2 minutes
UH West O'ahu	9 minutes
Airport	15 minutes
Downtown	28 minutes
Ala Moana Center	31 minutes



West Loch Station

Leoku Street on Farrington Highway



RAIL STATIONS COMMUNITY WORKSHOPS

West Loch Station Site Plan



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Travel Times from West Loch

Destination	Travel Time
LCC	5 minutes
UH West O'ahu	6 minutes
Airport	18 minutes
Downtown	30 minutes
Ala Moana Center	34 minutes



Elevated Guideway Simulation



Kamehameha Highway near Acacia Street, looking 'ēwa



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Elevated Guideway Simulation



Kamehameha Highway at Kaonohi Street, looking makai



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Station Designs

- Community Ideas
- Waipahu Transit Center Station
- West Loch Station



Summary of Community Ideas

Workshops 1 & 2

- Honor Waipahu's plantation past
- Hawai'i sense of place
- Sugar cane and taro motifs
- Ample sun screens and shade
- Lots of plants and foliage



Summary of Community Ideas

Workshops 1 & 2

- Earth tones
- Artwork representing Waipahu history in plaza and stations
- Stations must be secure
- Easily accessible for the disabled community



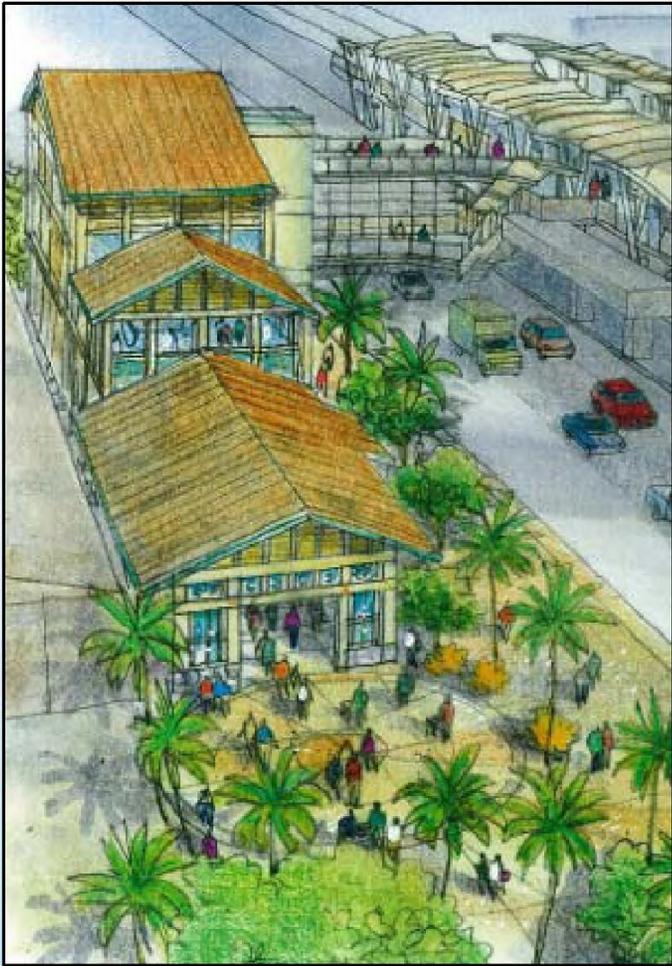
Summary of Community Ideas

Workshops 1 & 2

- Energy-efficient, green design
- Cost effective to maintain
- Hurricane proof
- Anti-graffiti measures
- Accessible by bike, bus and walking



Waipahu Transit Center Station: Preliminary Designs



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Waipahu Transit Center Station



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Waipahu Transit Center Station

closer view



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Waipahu Transit Center Station



RAIL STATIONS COMMUNITY WORKSHOPS

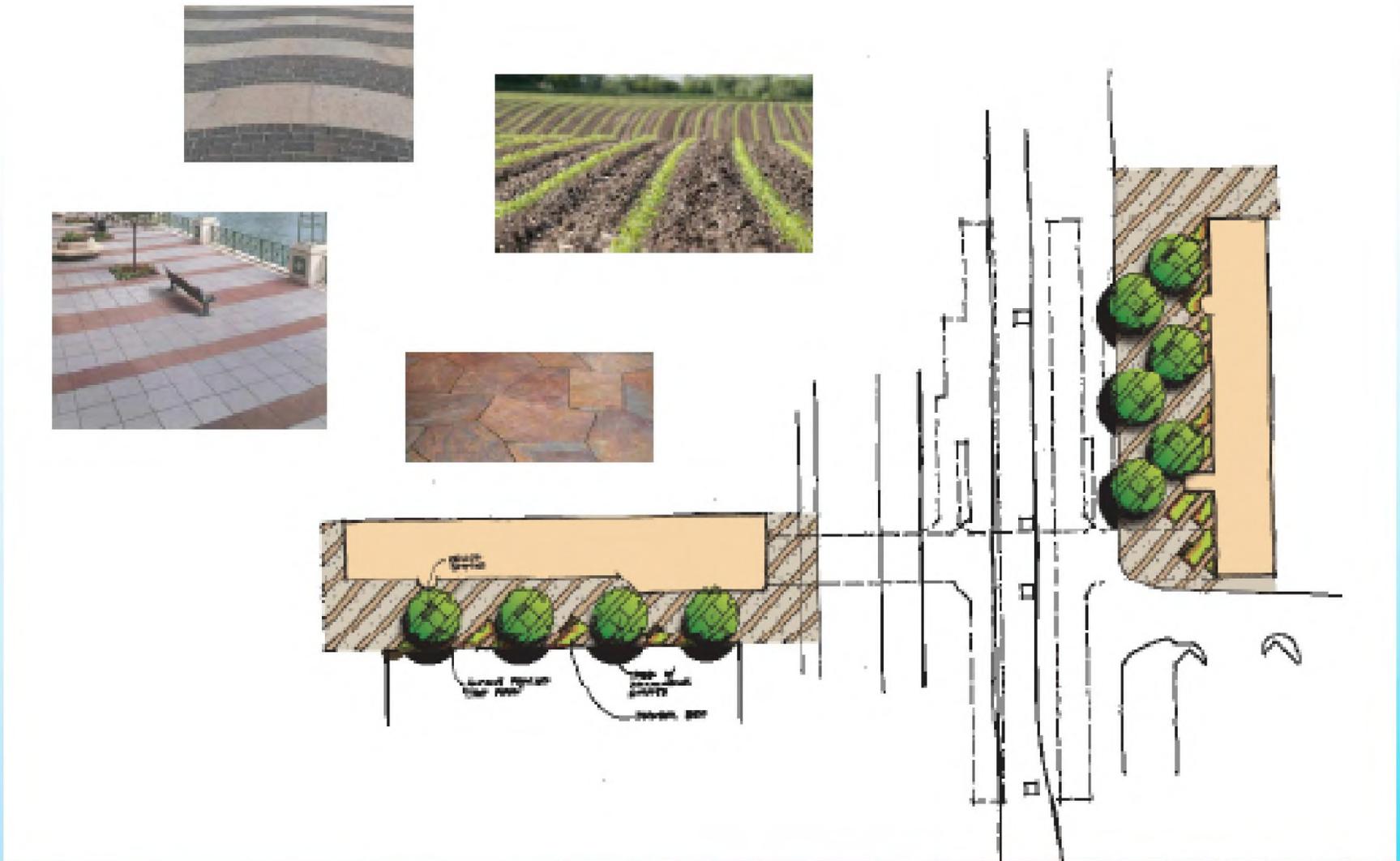
Waipahu Transit Center Station

closer view



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Waipahu Transit Center Station Landscape Plan



West Loch Station: Preliminary Designs



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

West Loch Station



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

West Loch Station

closer view



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

West Loch Station



RAIL STATIONS COMMUNITY WORKSHOPS

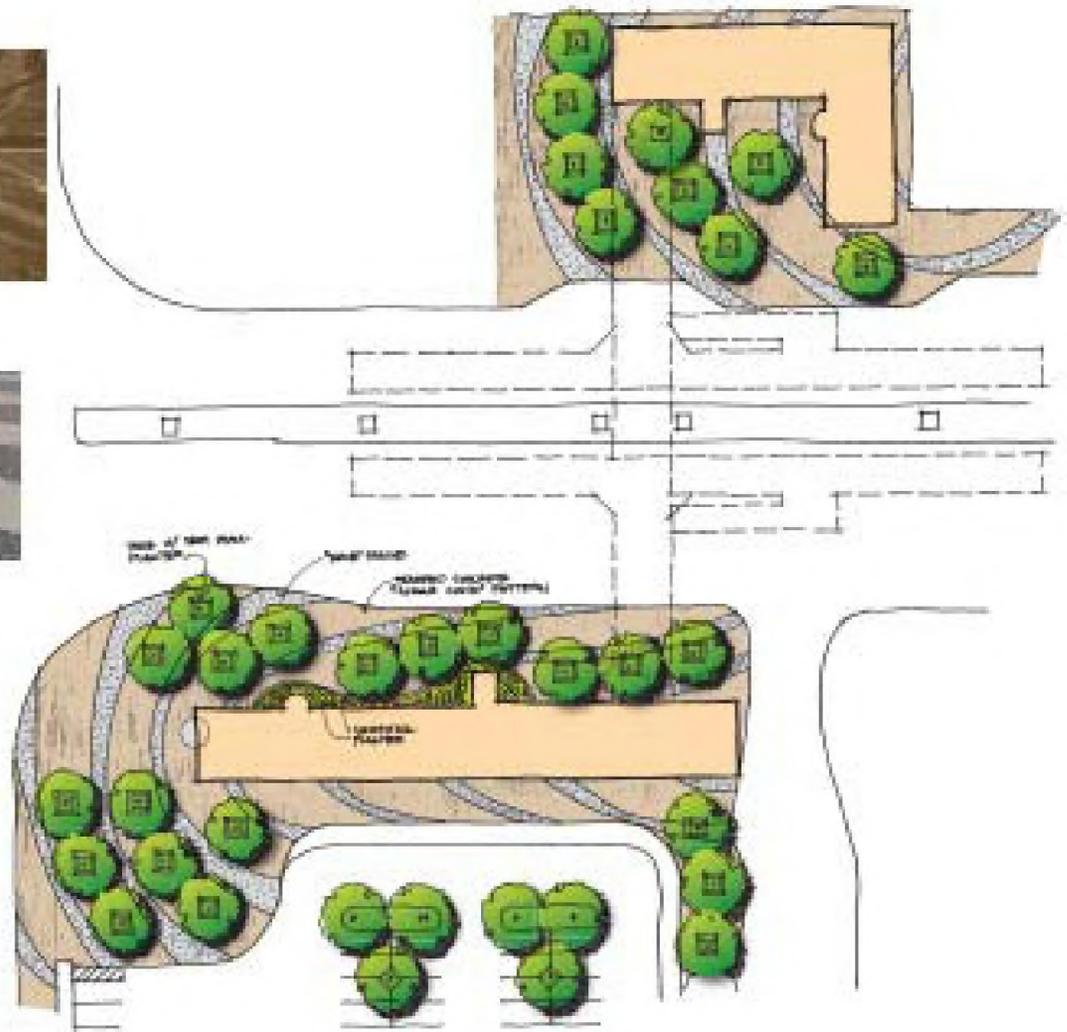
West Loch Station

closer view



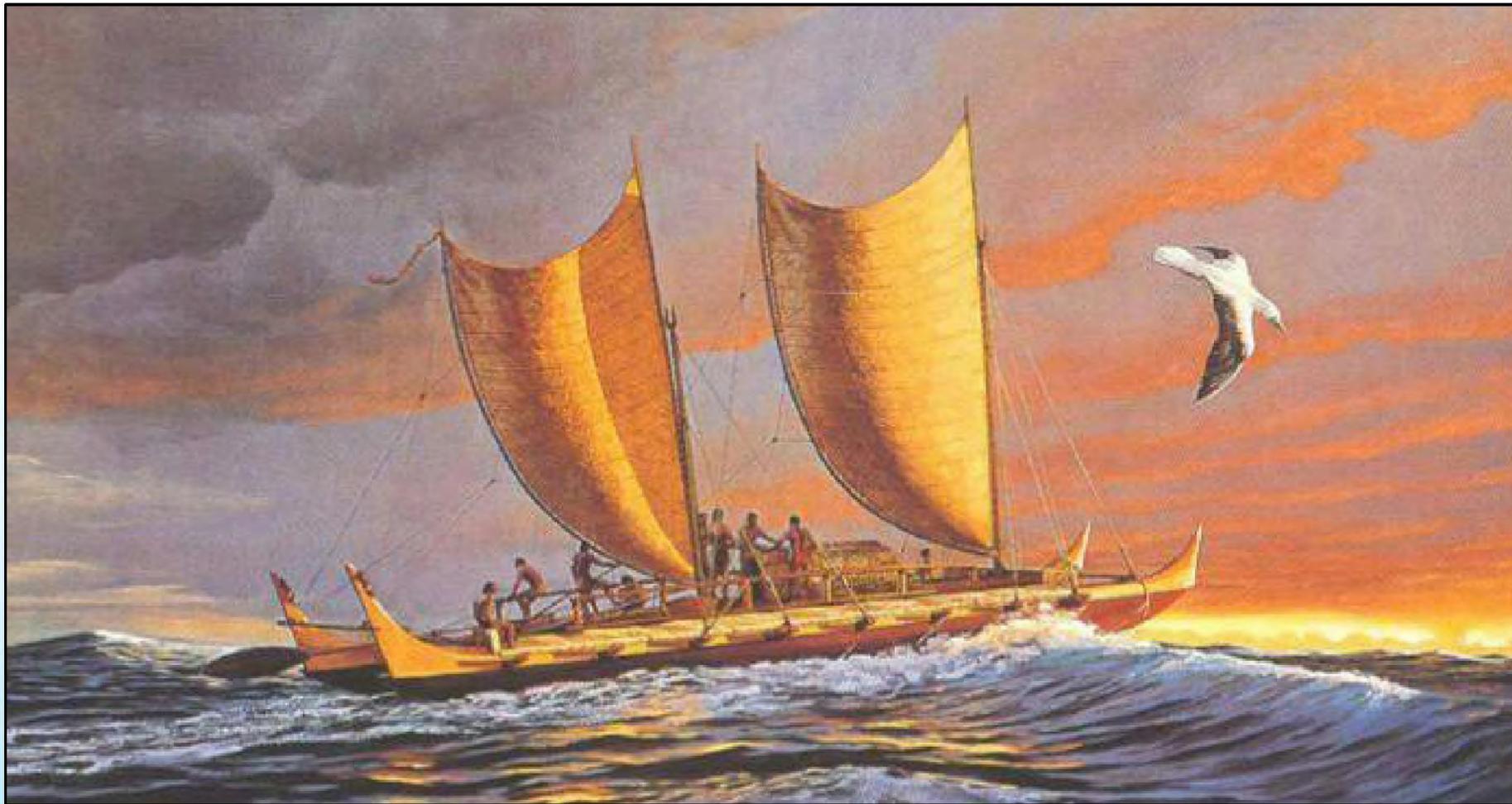
RAIL STATIONS COMMUNITY WORKSHOPS

West Loch Station Landscape Plan



RAIL STATIONS COMMUNITY WORKSHOPS

Canopy Design for Stations: Inspiration



Credit: Painted by Herb Kawainui Kane



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Canopy Design for Stations



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Canopy Design for Stations



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Canopy Design for Stations

evening view



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Canopy Design for Stations



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Canopy Design for Stations

evening view



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Canopy Design for Stations



R A I L S T A T I O N S C O M M U N I T Y W O R K S H O P S

Next Steps

- Talk story with design team
- Ask questions, give them your impressions of the designs



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