Ke Ala Hele Makalae
Phase III
Lydgate Park to Lihi Park

Presented by
the Lydgate Park to Lihi Park Design Team
December 4, 2008
at Lydgate Park Main Pavilion

© Thomas Noyes Project Management Services

purpose of this meeting

- Overview on all phases of the path project (Doug Haigh)
- Update the public on progress to date since the Environmental Assessment was completed and the Finding of No Significant Impact (FONSI) was issued.

what you need to know

- We are under contract to design and engineer the path alignment decided during the EA process. (Included three public meetings) The Environmental Assessment was conducted by Kimura International
- We are required to follow the path alignment as specified in the Environmental Assessment
- There are options within the design and engineering that we would like to invite your input.
- Members of the project team will be at the Lydgate Pavilion on Friday evening at 7:00 p.m. to accommodate anyone who was not informed that the meeting date was changed. We will be available until 7:30 p.m.

www.KauaiPath.org

www.Kauai.gov

who's involved...

client:

County of Kaua'i Doug Haigh
Chief of Building Division
Public Works
Project Manager

why build coastal pathways?

who's involved…consultant team

KSF, Inc.	Calvin Miyahara	Project Lead and Management
MDG, llc	Merle Grimes	Path Specialist & Landscape Architect
Park Engineering	Russell Arakaki	Civil Engineering
JTI Associates	Jerry Iwata	Land Acquisition
Geolabs-Hawaii, Inc.	Gerald Seki	Soil Testing and Engineering
UH Dept of Geology & Geophysics	Chip Fletcher	Coastal Geologist
Scientific Consultants Services	Mike Dega & Jim Powell	Archeology
Kauai Nursery & Landscaping	Matthew Honjiyo & Jerry Nishek	Landscape Design
Roxanne MacDougall & Assoc.	Roxanne MacDougall	Facilitator
Thomas Noyes Project Mgmnt.	Thomas Noyes	Community Presentations

Work completed to date & scheduled
Lydgate Park to Lihi Park

Feb. 2006	Design phase of project contracted to KSF, Inc.
April 2007	Final Environmental Assessment approved and Finding of no Significant Impact issued
May 2008	Wailua Railroad Bridge Widening design phase of project completed.
Aug. 2008	Construction contractor selected
Dec. 2008	Preliminary design (30% completed) for path phase of project
Dec. 4, 2008	First public information meeting
Early 2009	Construction begins-Wailua Railroad Bridge Widening phase of project
Spring 2010	Bridge widening phase of construction to

Projected schedule
Lydgate Park to Lihi Park

Mar. 2009	Pre-final design and engineering (90% completed)
Mar. 2009	Second public information meeting
Aug. ‘08-Aug. ‘09	Land acquisition
Aug. 2009	Final design completed
Fall 2009	Bidding and selection of construction contractor
Early 2010	Construction of shared-use path starts
Early 2011	Construction to be completed

ideals

- safety concerns
- build community bonds
- meet community needs
- Americans with Disabilities Act compliance
- compatible with other path phases
- durable and high quality materials
- low maintenance design

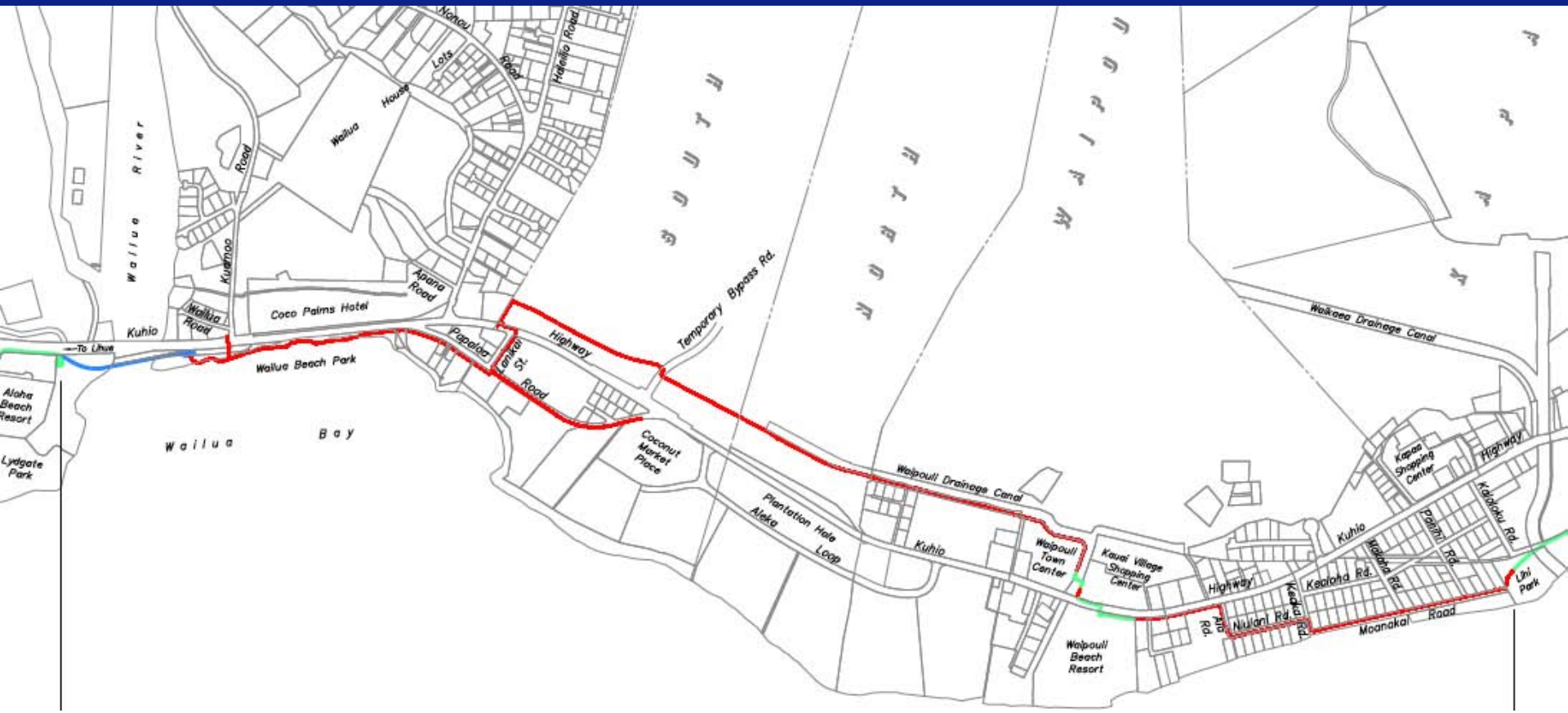
ideals, *continued*

- create first-rate public amenity
- improve and/or sustain the coastal environment
- cultural education
- compatible with canal and wildlife preserve environments
- maximize existing amenities (such as the Wailua Beach Park & Railroad Bridge)
- compatible with existing path amenities

potential uses

- alternative transportation (bicycling & walking)
- recreation
- health (exercise)
- education
- economic stimulus
- improve ecological health of corridor

Lydgate Park to Lihi Park

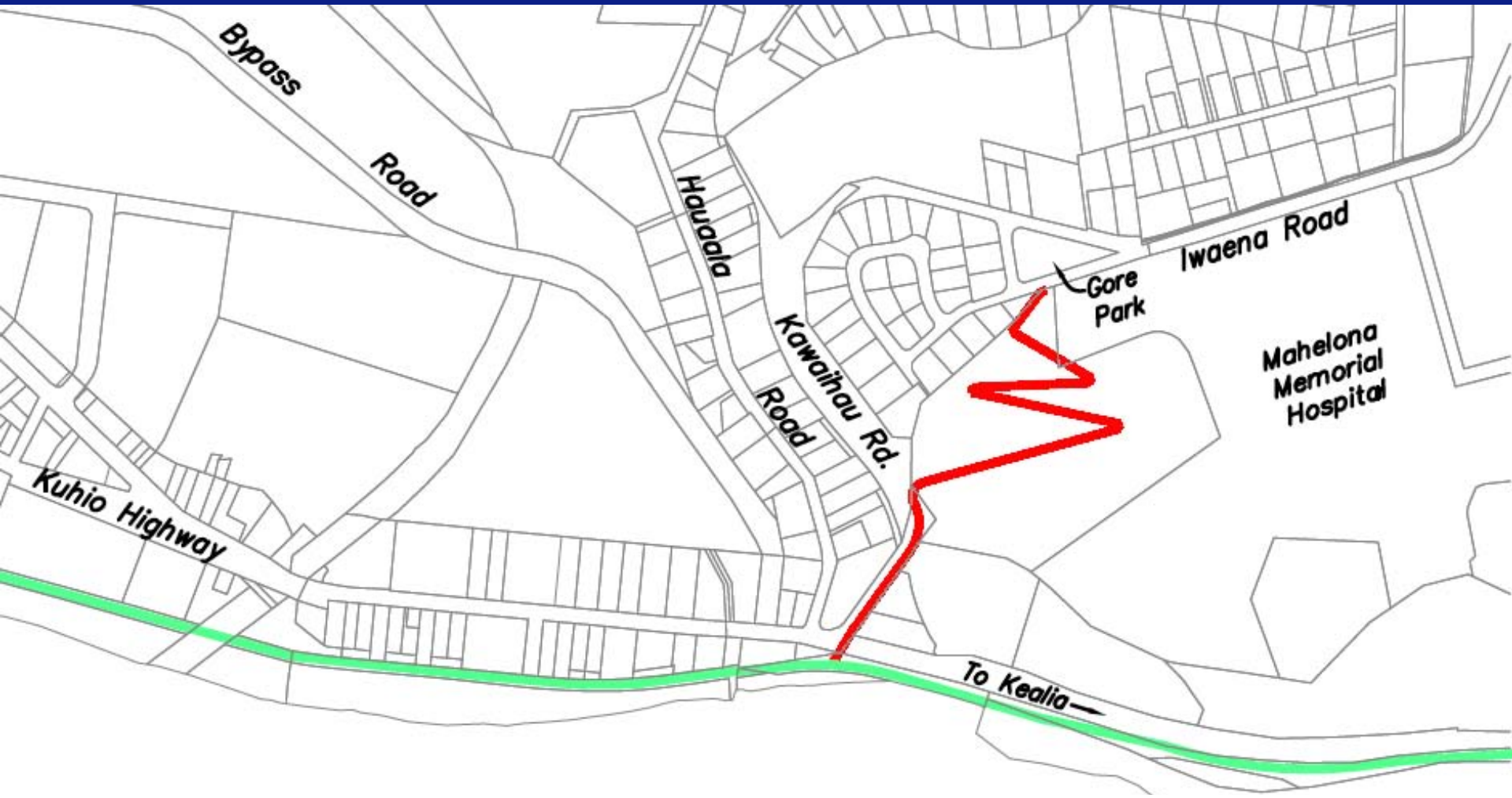


Existing Path

Wailua River Cane Haul Bridge Widening

New Path

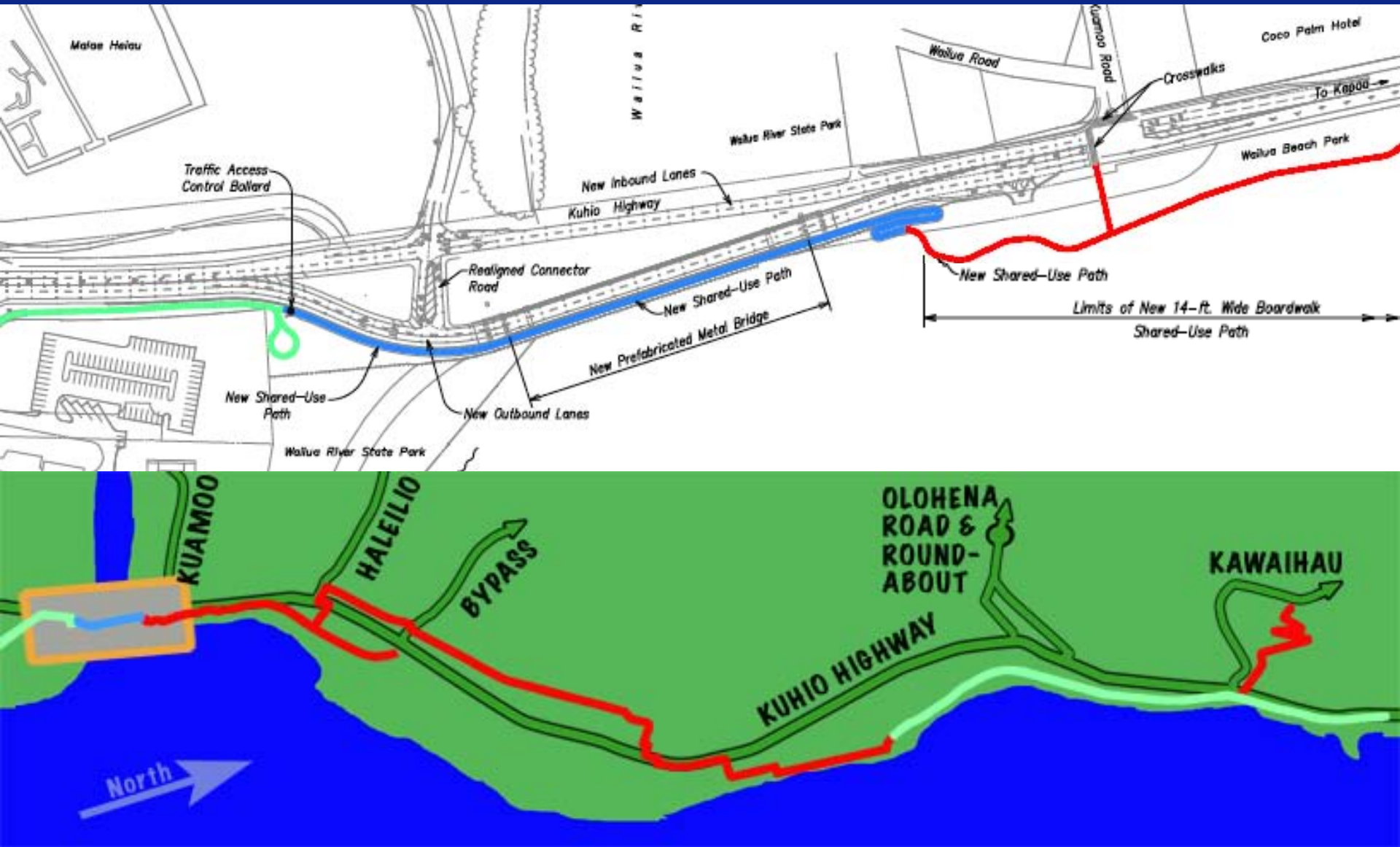
Kawaihau reach



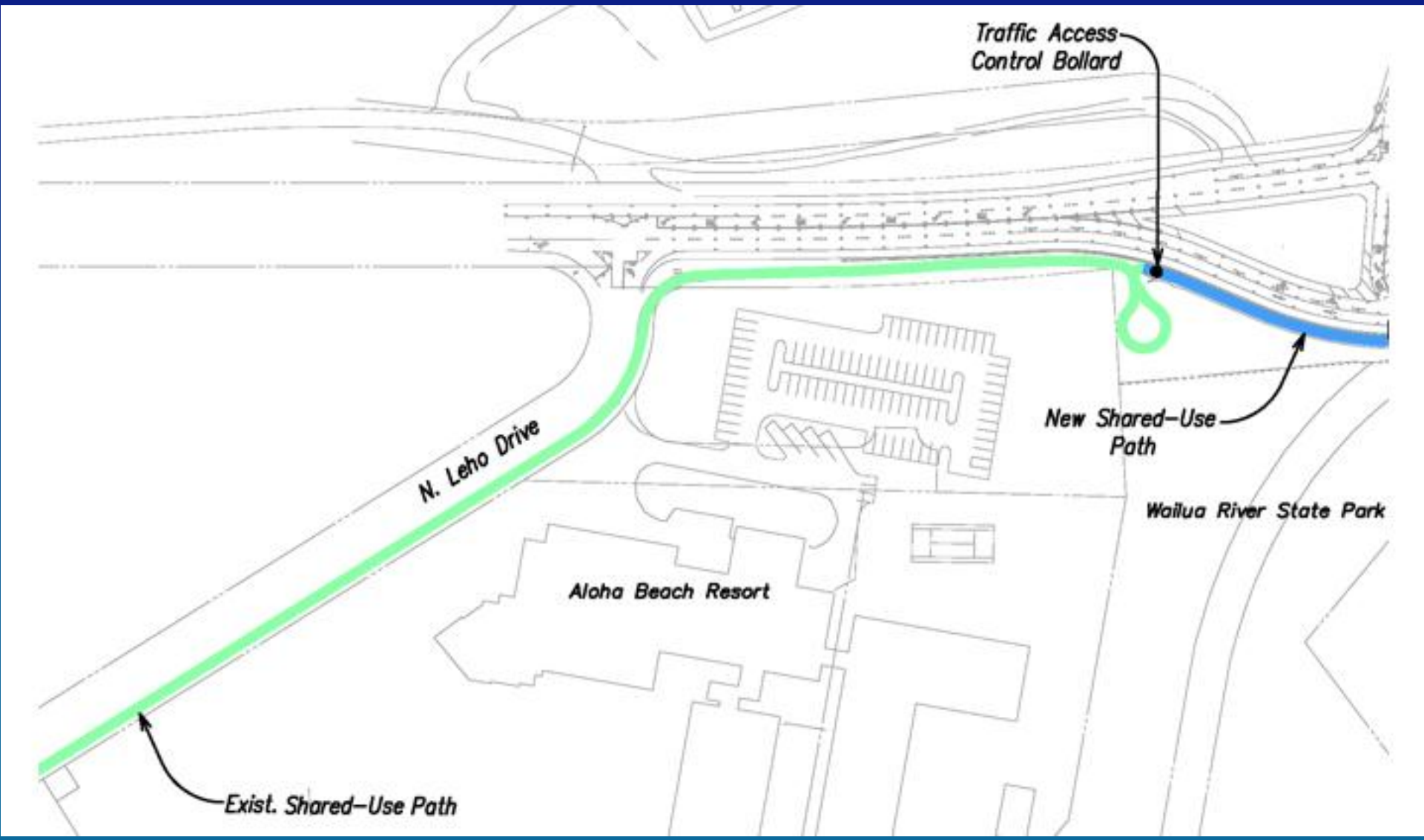
Existing Path

New Path

Wailua River crossing

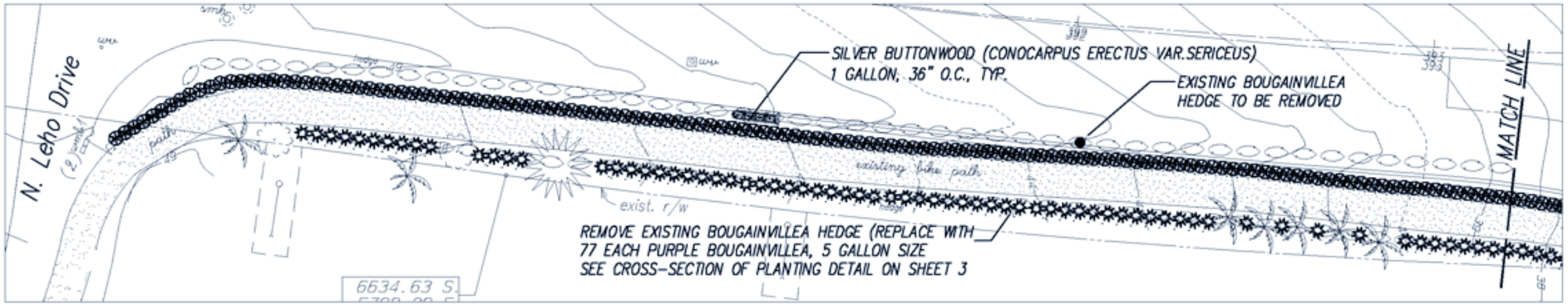


Lydgate Park segment

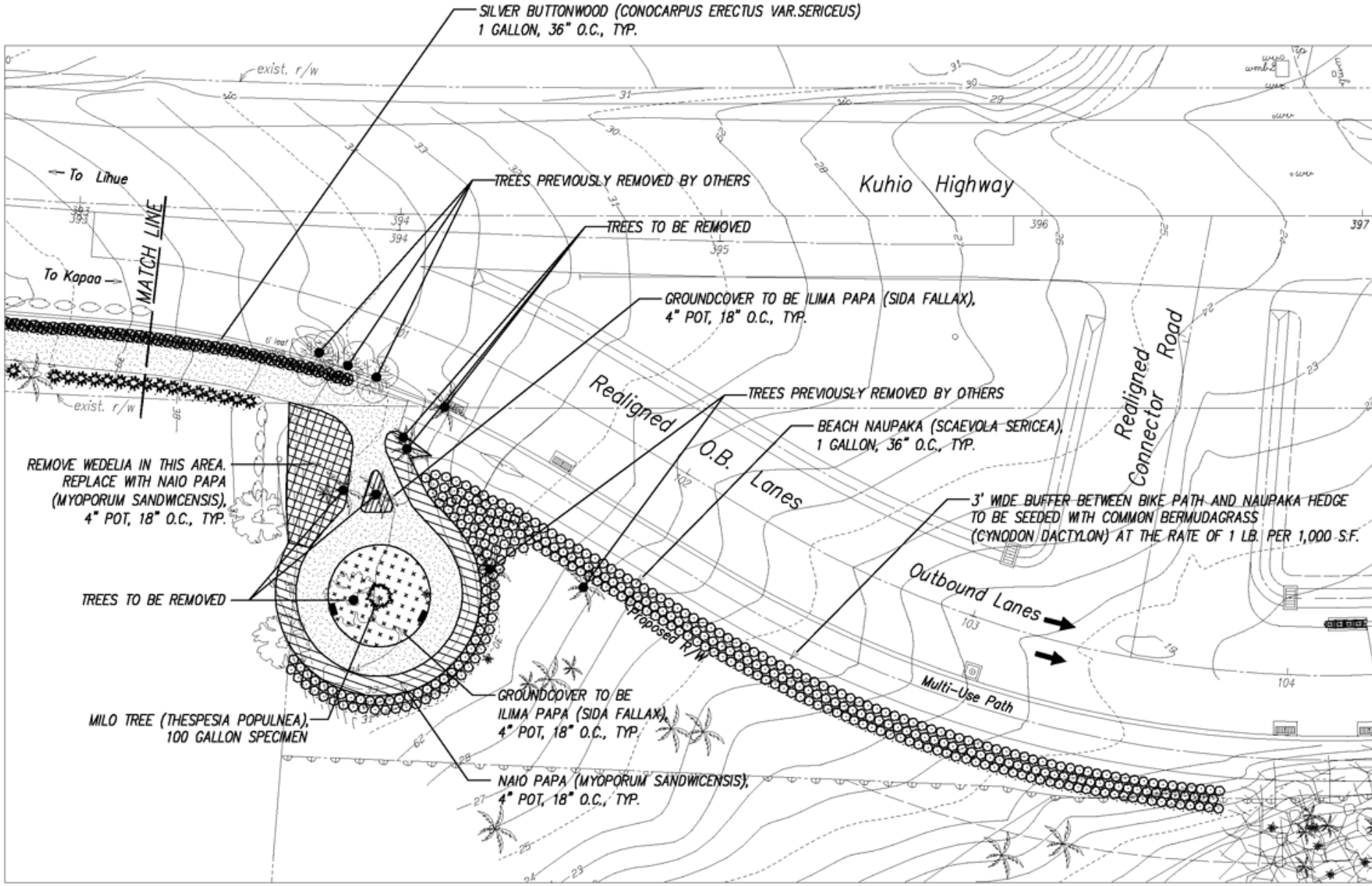


REDUCED
SPEED
25

Lydgate Park segment, roundabout landscaping

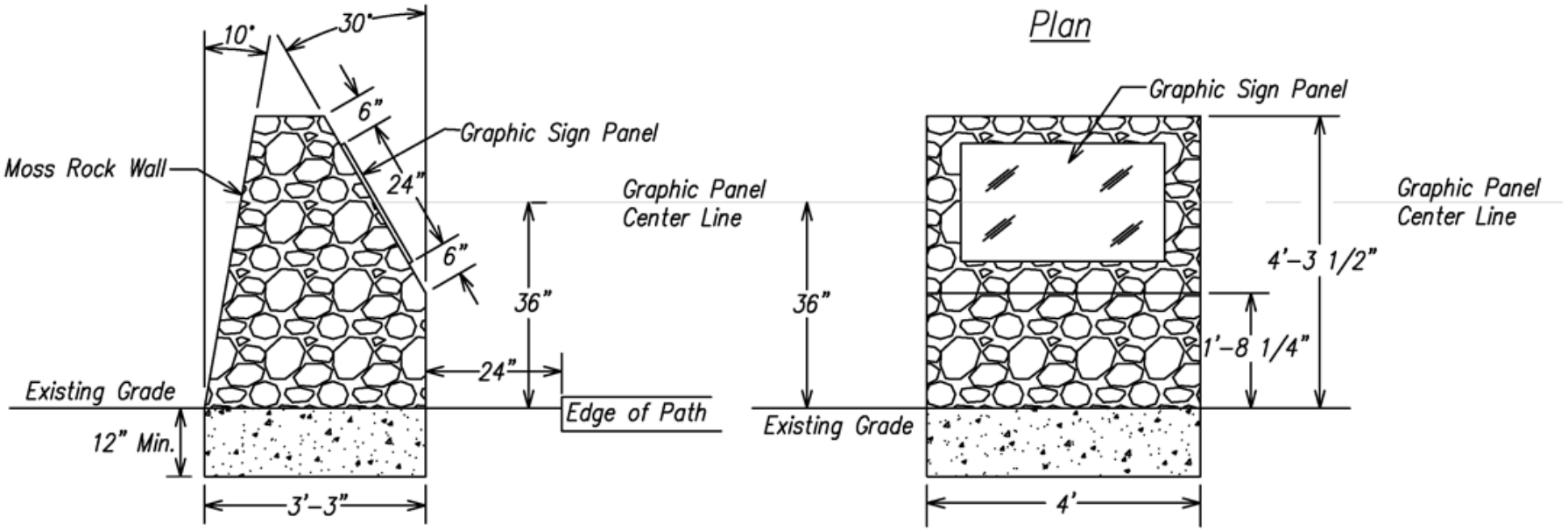


Lydgate Park segment, roundabout landscaping



EXISTING BIKE PATH ROUNDABOUT TO WAILUA BRIDGE
SCALE: 1"=20' (on 24" x 36" paper)

MOTORIZED
NO
VEHICLES



New Type 1 Interpretive Sign

Hawaiian Monk Seal (*'Ilio holo i kauaua*)

Hawai'i's Watchable Wildlife

Hawaiian monk seals have the distinction of being the only marine mammal that resides entirely within US territorial waters as well as being one of the most endangered marine mammals in the world. Most of the 1,200 remaining monk seals live in the isolated Northwestern Hawaiian Islands hundreds of miles to the west of here. Most seals spend their entire lives near the island of their birth, hunting for fish, octopus, eels, crustaceans, and other bottom dwelling prey and basking along the warm shorelines.

Fewer than 100 seals have been sighted on the main Hawaiian Islands, but their numbers here appear to be growing. However, the total population across their entire range is in decline. Threats in the Northwestern Hawaiian Islands include a lack of food, entanglement in marine debris, and shark attacks. Seals do not appear to lack food in the main Hawaiian Islands, yet face additional threats including human disturbance, interaction with fishing gear (including shore casting and lay gill nets) and a greater risk of contracting diseases from other mammals.

Viewing Tips for You; Protection for Them

Finding Monk Seals

- There are a few locations where monk seals are occasionally seen and this is one of them.
- Look along gentle sloping beaches and rocky shorelines where the seals haul out and sleep. From a distance they can look like a rounded rock or log.
- Use binoculars to carefully scan the coastline to find these elusive animals.

Watching Monk Seals

- Monk seals are protected by law....Do not disturb, feed, pursue, encourage, or otherwise approach seals.
- View from a distance and remain out of sight if possible. Stay at least 150 ft. away from the seal, farther if it is a mother and her pup. A good way to judge this distance is to hold your thumb out at arms length and position the view of the monk seal between the tip and first knuckle of your thumb. If the seal appears out side of this range you are too close.
- If the seal appears alarmed or interested in your presence, you are too close. Back away.
- Seals are wild and may bite if disturbed.
- Keep dogs on leash and well away from any seal to avoid aggressive encounters and disease transmission between species.
- To report monk seals in trouble call (888) 256-9840. To report monk seal sightings, call (808) 220-7802 (Oahu).

Sponsors

NOAA Fisheries—Pacific Islands Regional Office

Hawai'i Tourism Authority

Monk seal pups are born on land, usually in the spring and summer months. The mother remains with the pup for about five to seven weeks. Nursing mothers fast during this period and lose about one third of their total weight while the pups grow from 25 pounds to almost 200 pounds.

The monk seal's common name comes from the thick fold of skin around the neck that resembles the cowl or hood of a monk's robe and because the seal leads a solitary life unlike other seal species that live in colonies. Its Hawaiian name—*'Ilio holo i kauaua*—translates to "dog that runs in rough water".

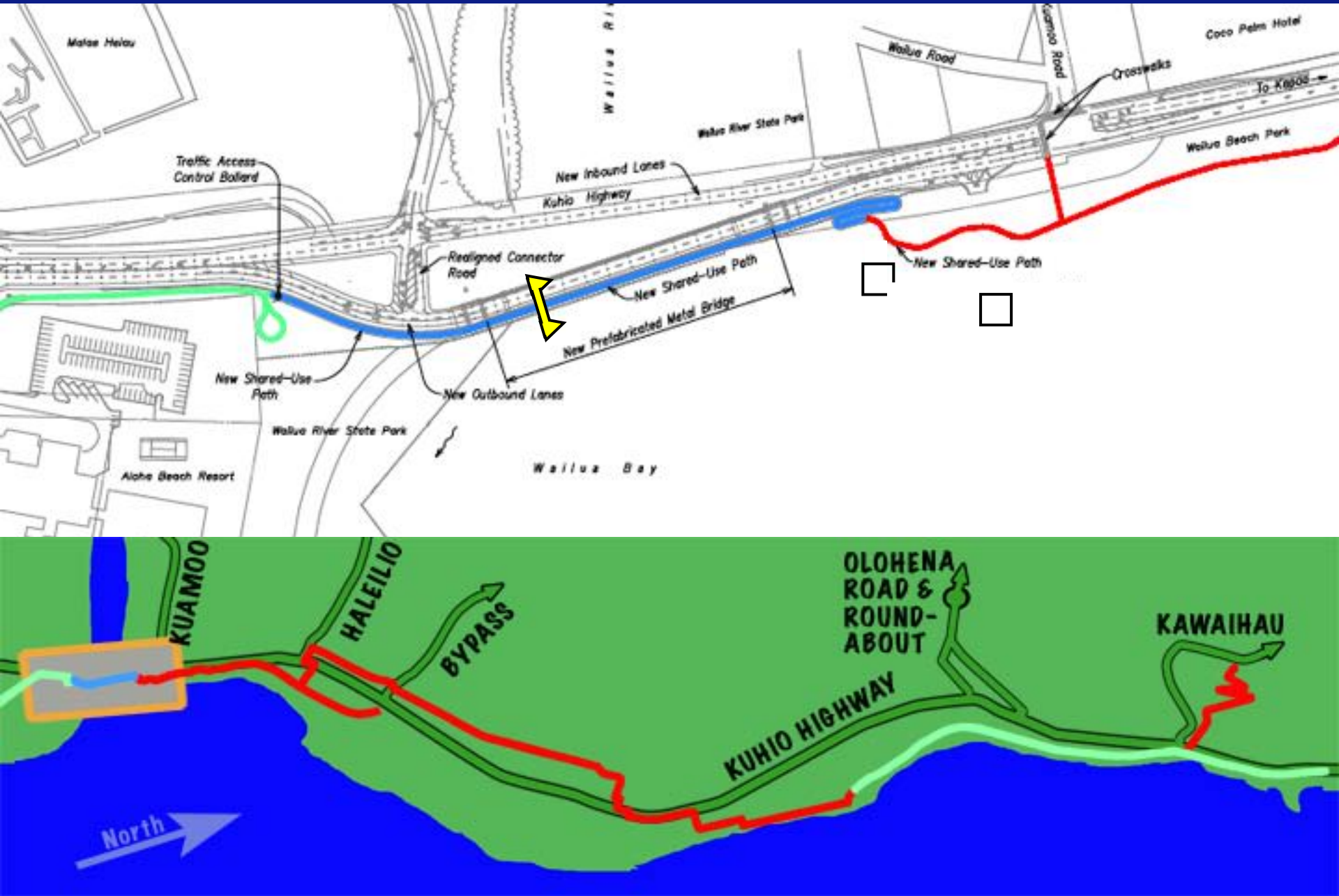
Discarded fishing nets and other human debris threaten monk seals and all other forms of sea life.

Produced by the Hawaii Watchable Wildlife Project (www.HawaiiWildlife.org)

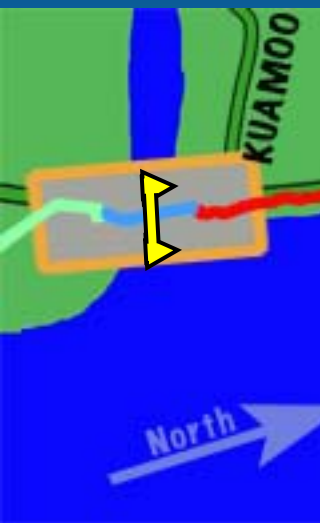
Nature Tourism Planning

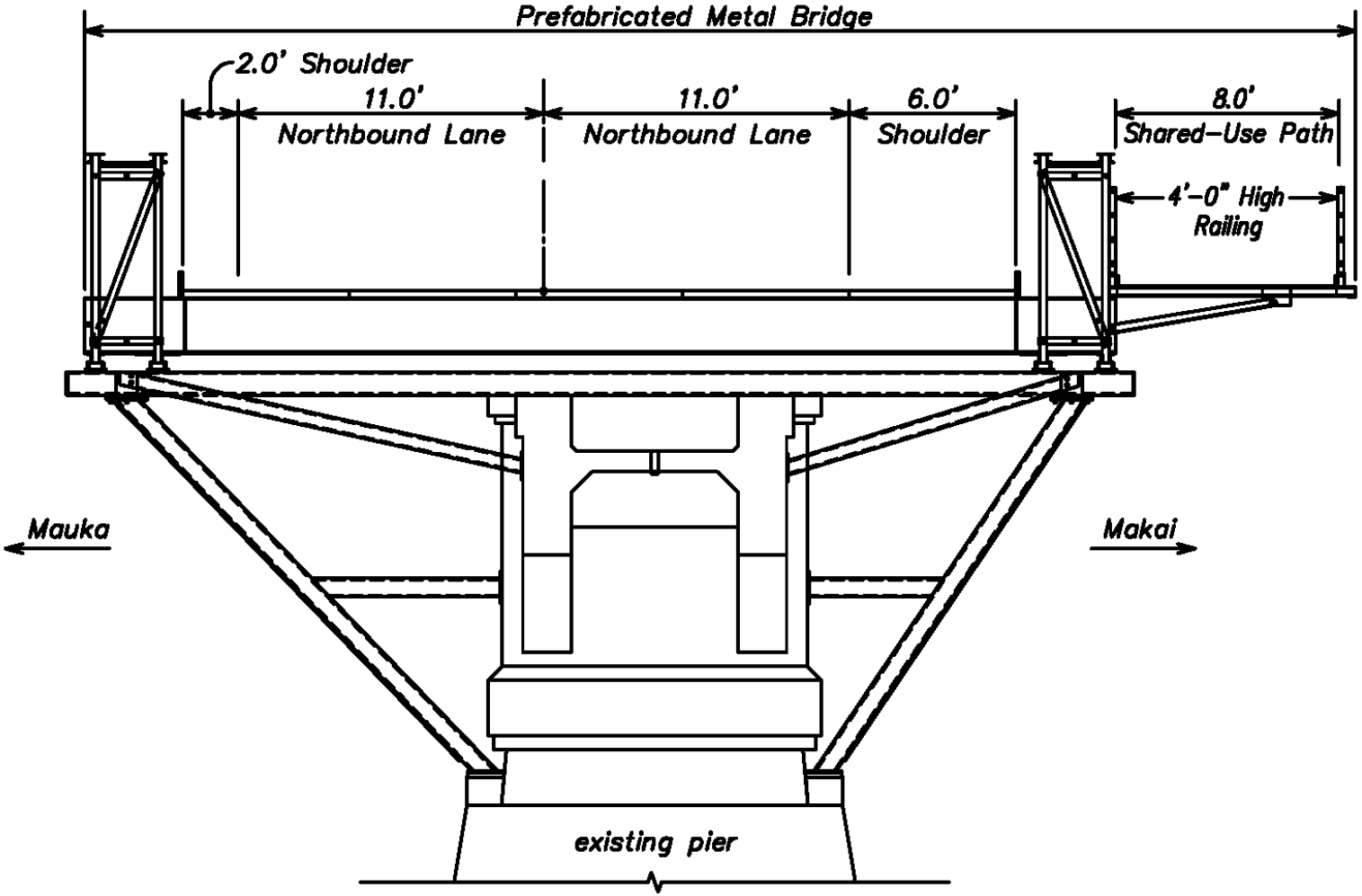
The Alchemy of Design

Wailua River crossing



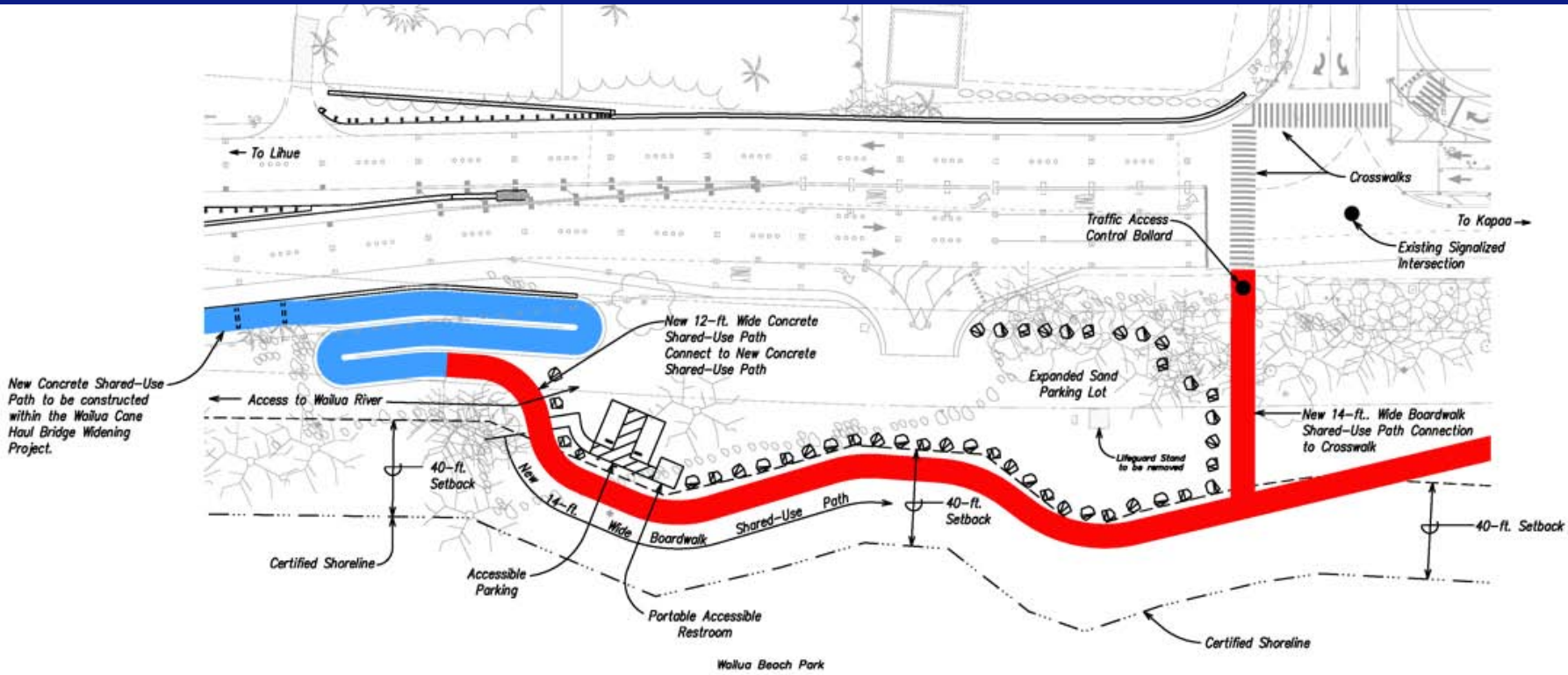
Wailua River crossing, bridge section



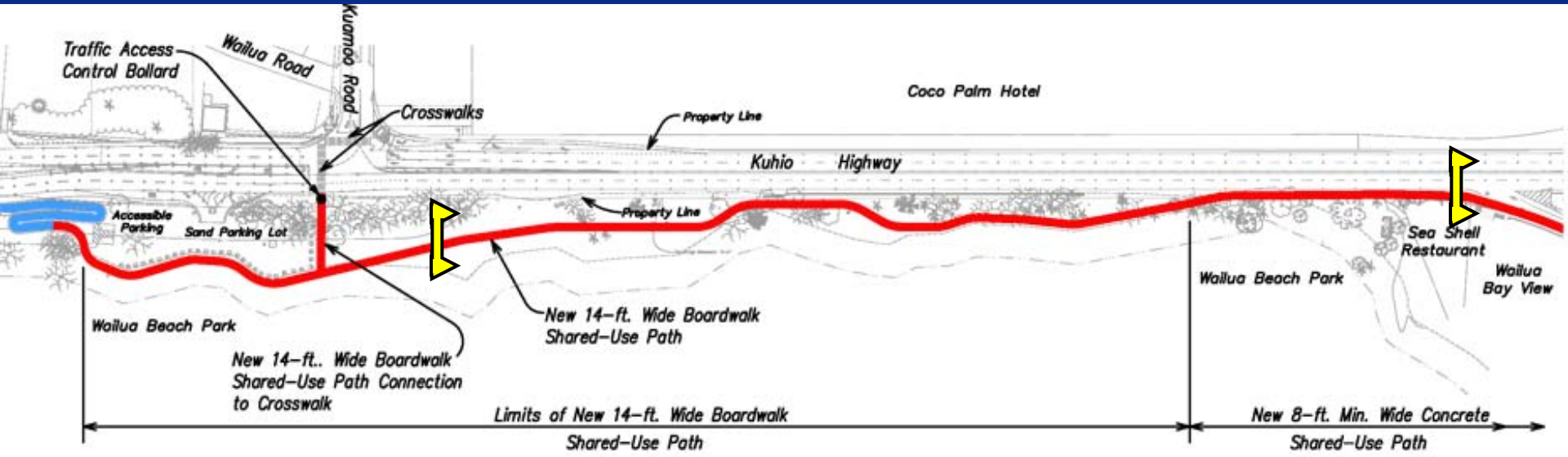


Prefabricated Metal Bridge

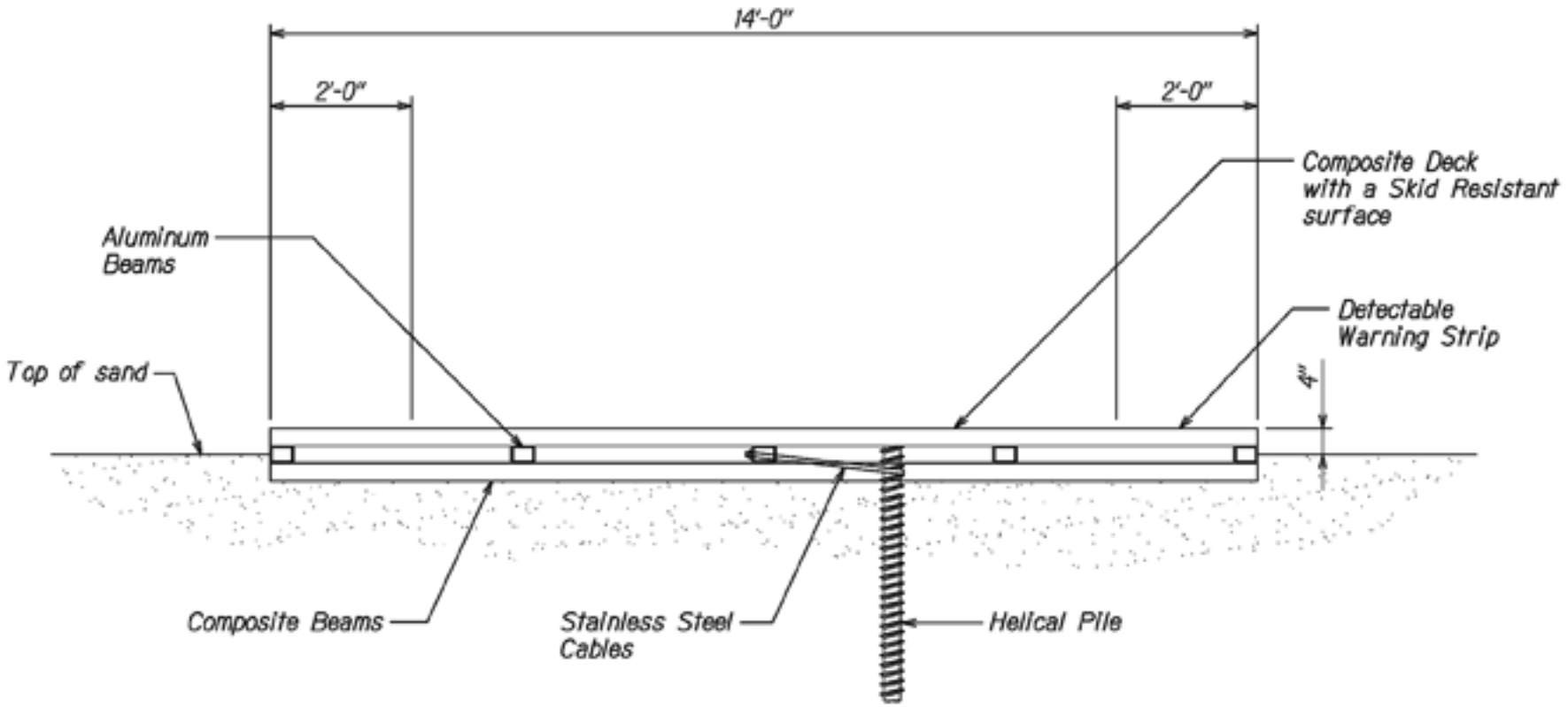
Wailua Beach area



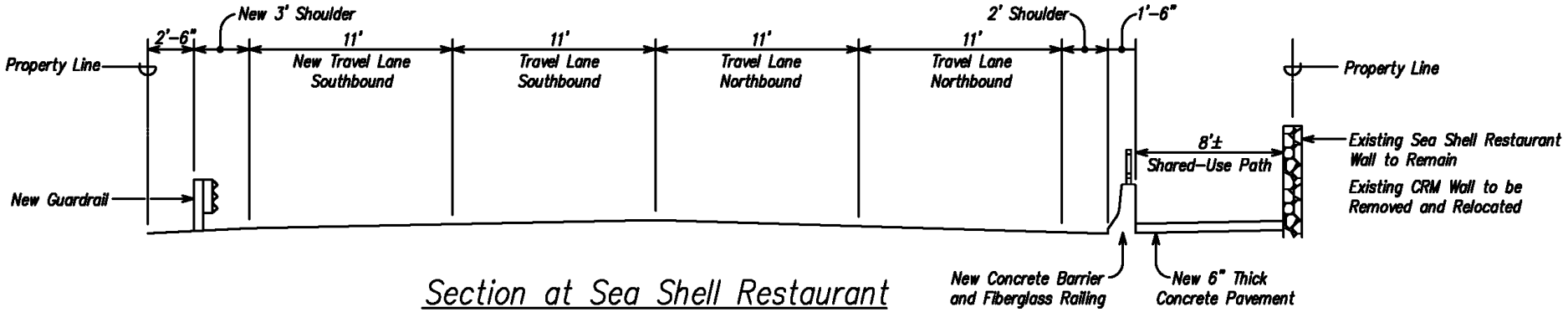
Wailua Beach area



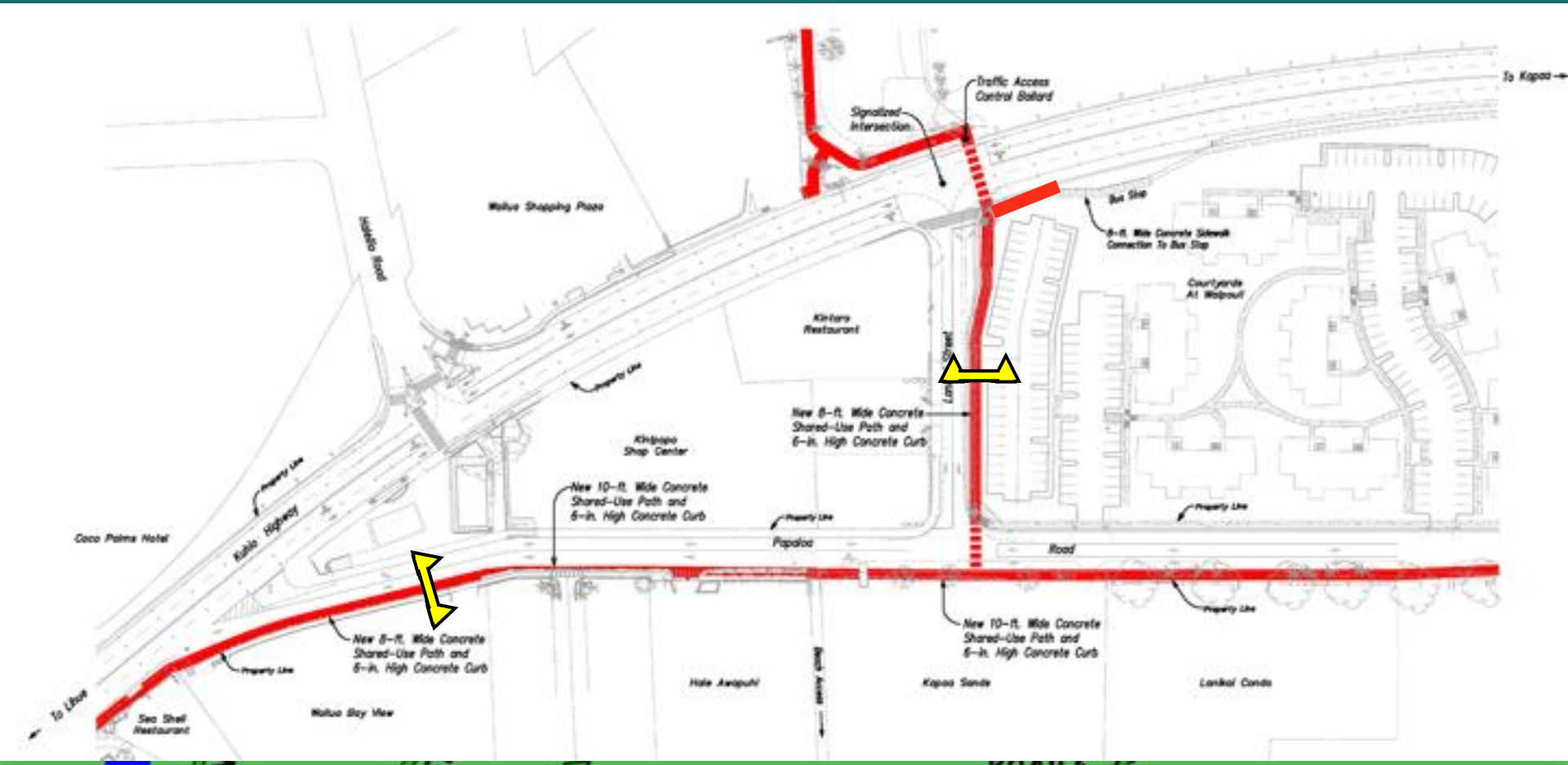
Wailua Beach area, boardwalk section



Wailua Beach Area (section)



Section at Sea Shell Restaurant


Traffic Access Control Bollard
Signalized Intersection
To Kapaa
Bus Stop
8-ft. Wide Concrete Sidewalk Connection To Bus Stop
Courtyards At Waipouli
Waipouli Shopping Plaza
Kintaro Restaurant
Lydgate Street
New 8-ft. Wide Concrete Shared-Use Path and 6-in. High Concrete Curb
Kihapapa Shop Center
New 10-ft. Wide Concrete Shared-Use Path and 6-in. High Concrete Curb
Papaloa
Road
Coco Palms Hotel
Kuhio Highway
New 8-ft. Wide Concrete Shared-Use Path and 6-in. High Concrete Curb
New 10-ft. Wide Concrete Shared-Use Path and 6-in. High Concrete Curb
Hale Awapuhi
Kapaa Sands
Lanikai Condo
To Lihue
Sea Shell Restaurant
Waipouli Bay View

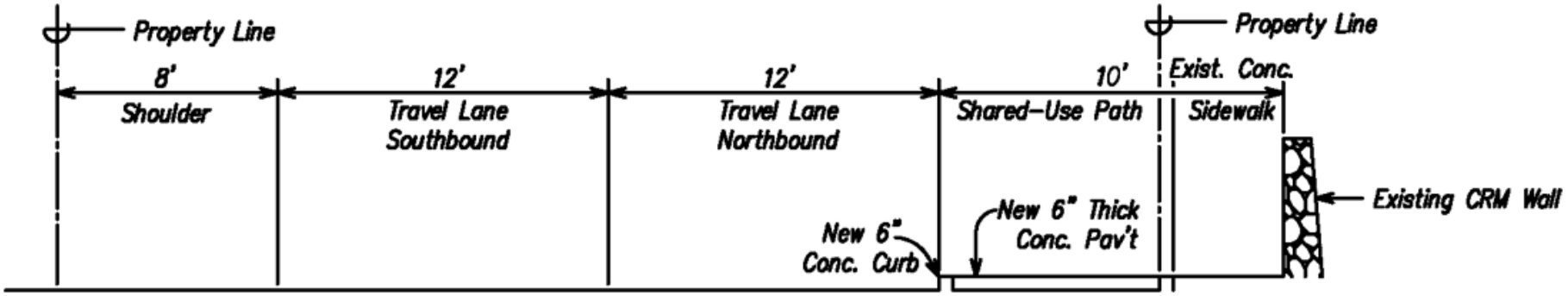
KUAM
HALE
BYPASS
ROAD &
ROUND-
ABOUT
KAWAIHAU
KUHIO HIGHWAY
North

SPEED LIMIT
25
Wailua
Bay

S10
CHEVROLET
KRY 582

KAPAA
SANDS

Papaloa & Lanikai Areas, South

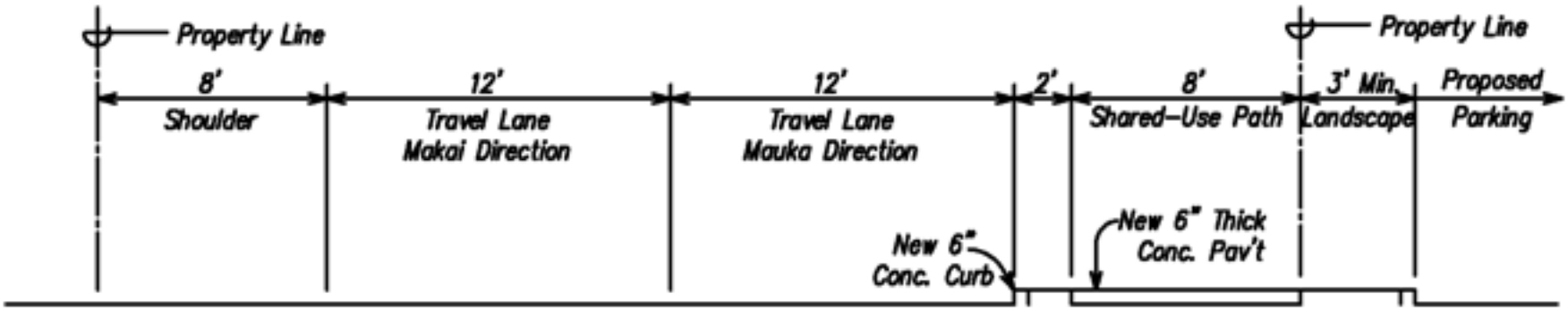


Typical Section – Papaloa Road

STOP

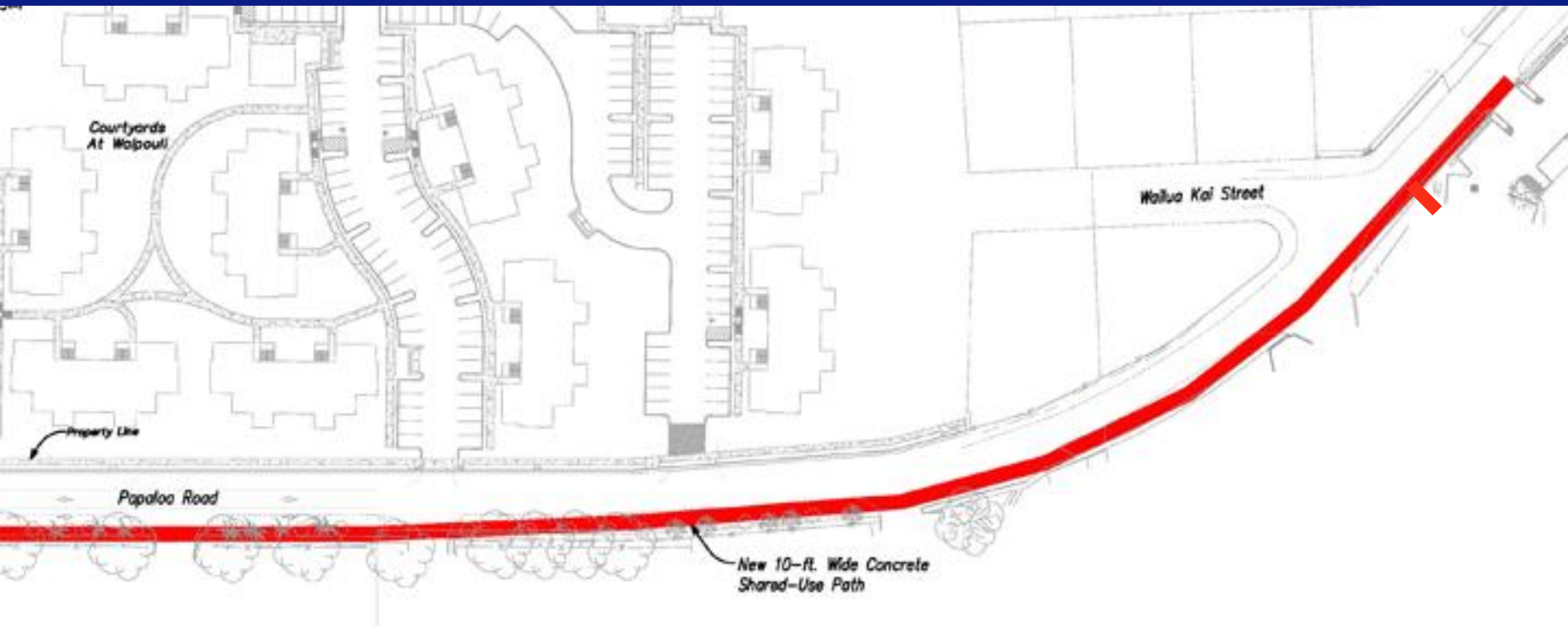
STOP

Papaloa & Lanikai areas, South



Typical Section – Lanikai Street

Papaloa Area, North portion

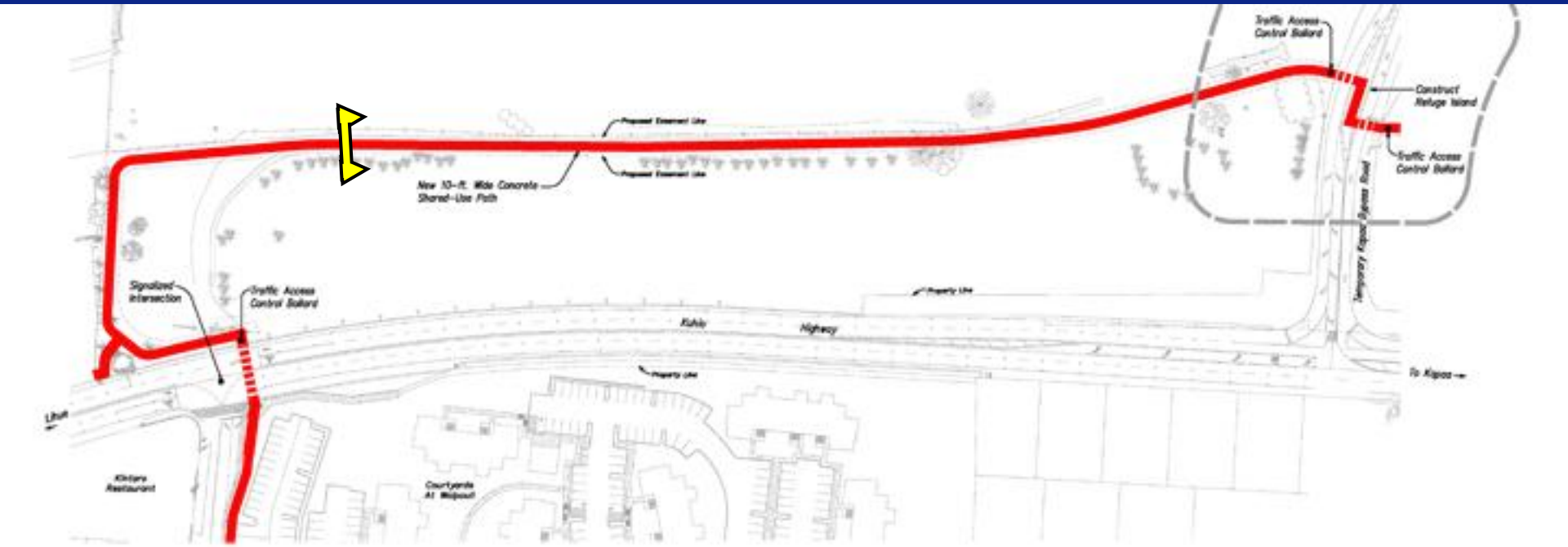


PUBLIC
RIGHT
OF WAY

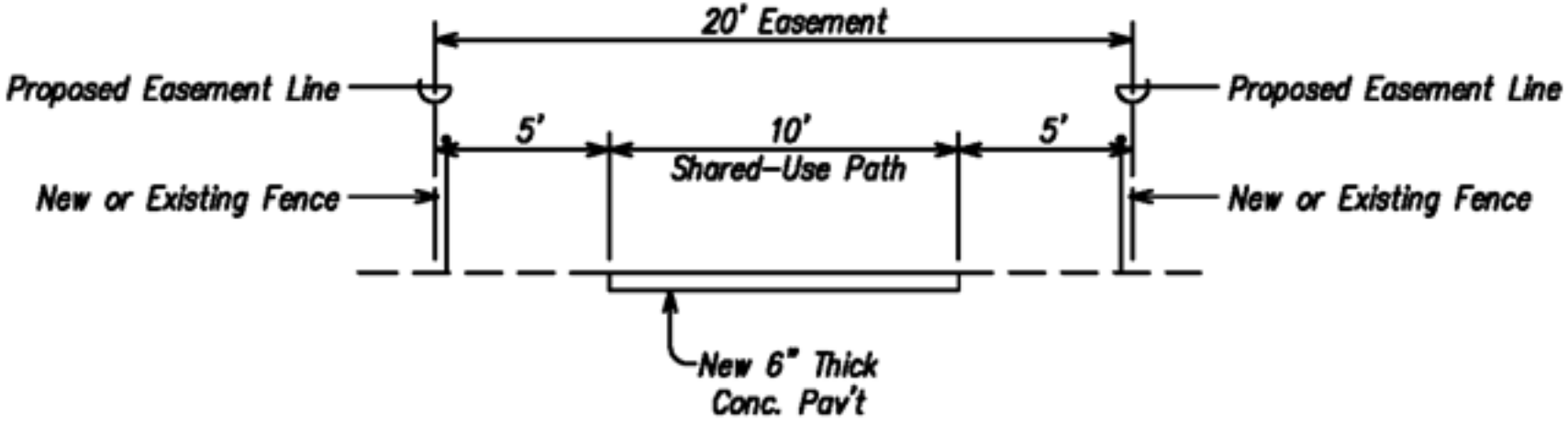
KAUAI SANDS
HOTEL

Ship Store Galleries

Midler Area, South portion

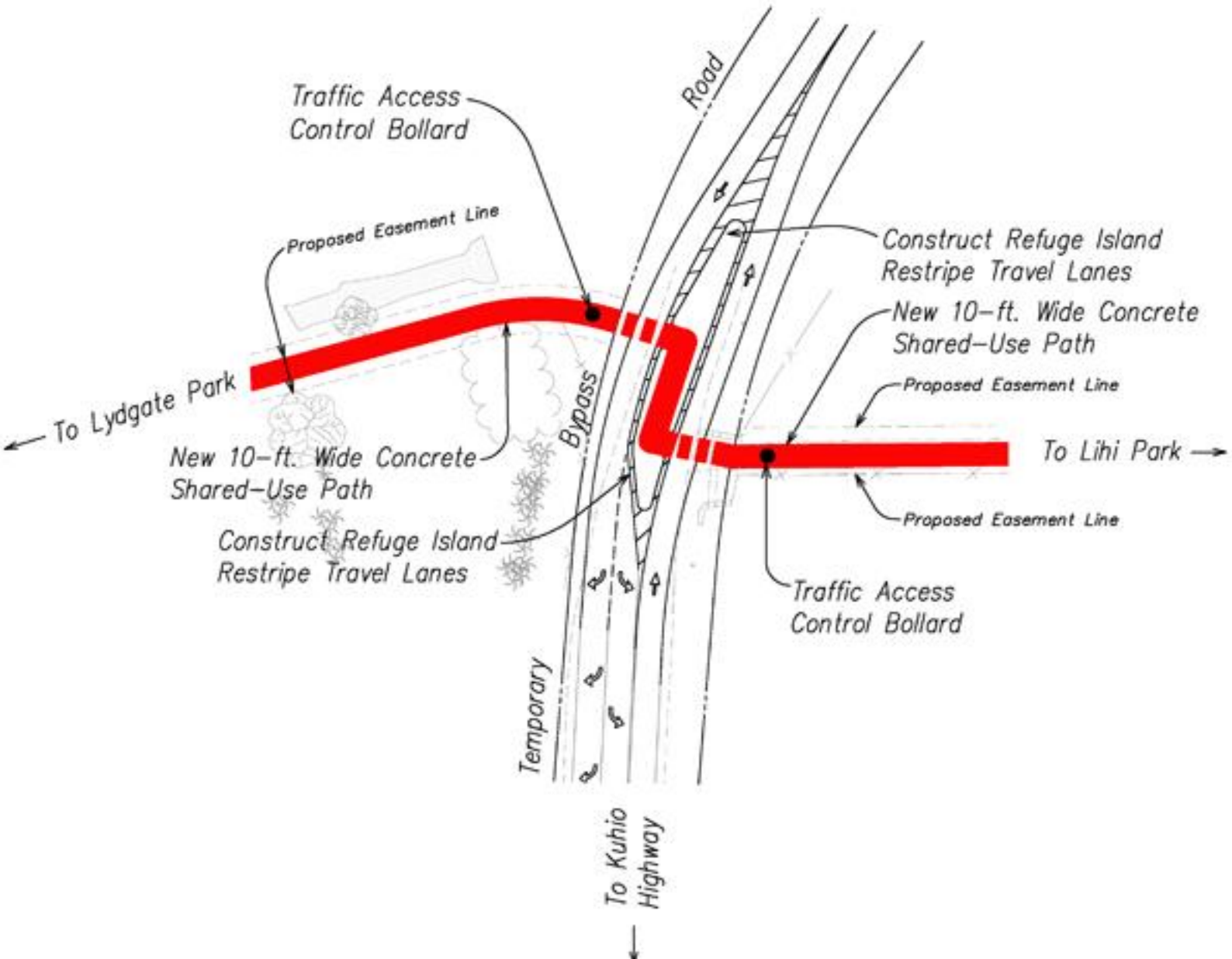


Midler Area, South section



Typical Section

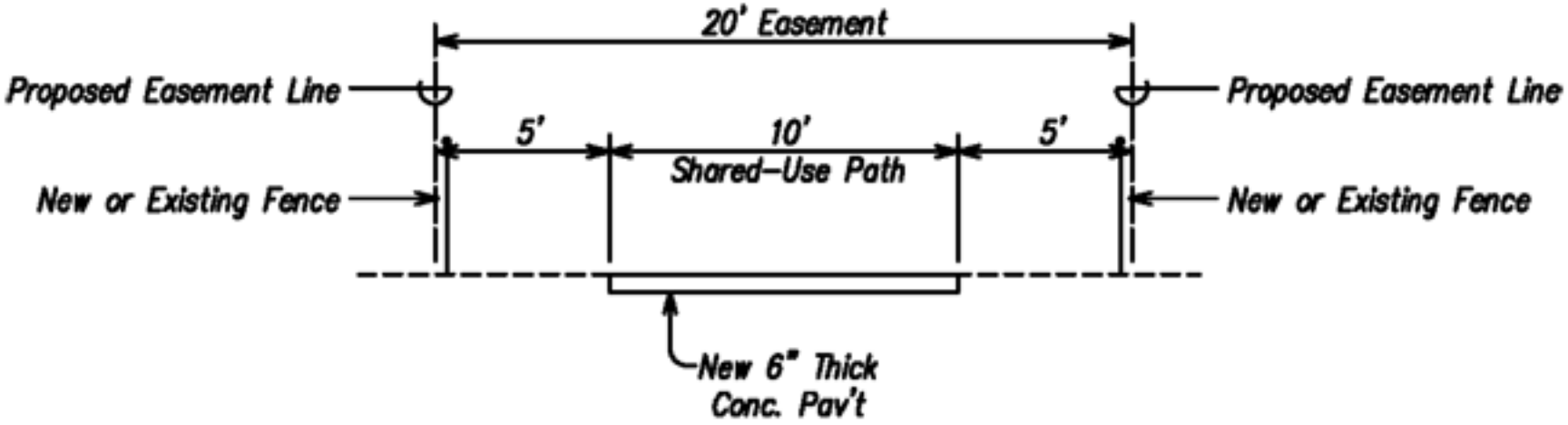
Midler Area, Bypass Road crossing



STATE
LAW
10
WITHIN
CROSSWALK

Midler Area, central portion

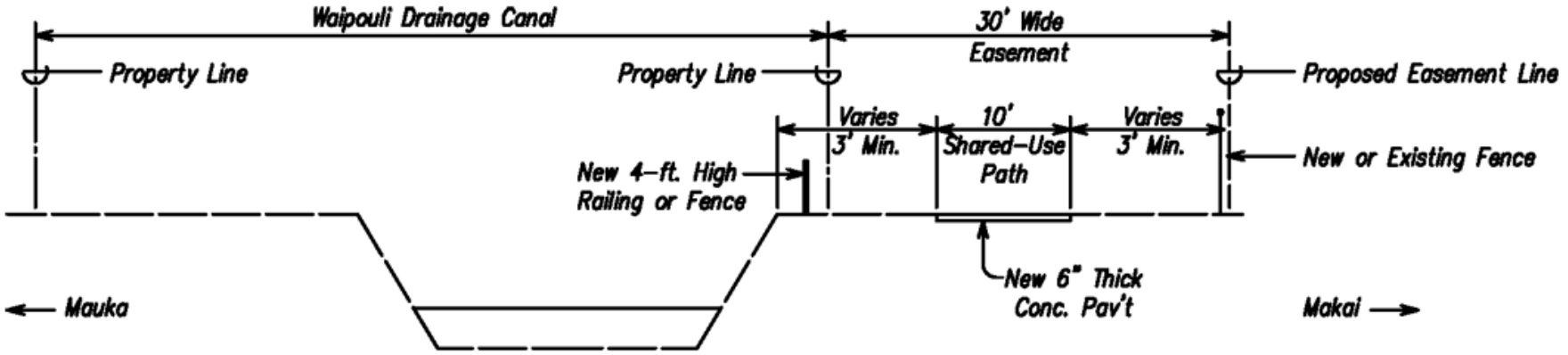
Midler Area, central portion, section



Typical Section

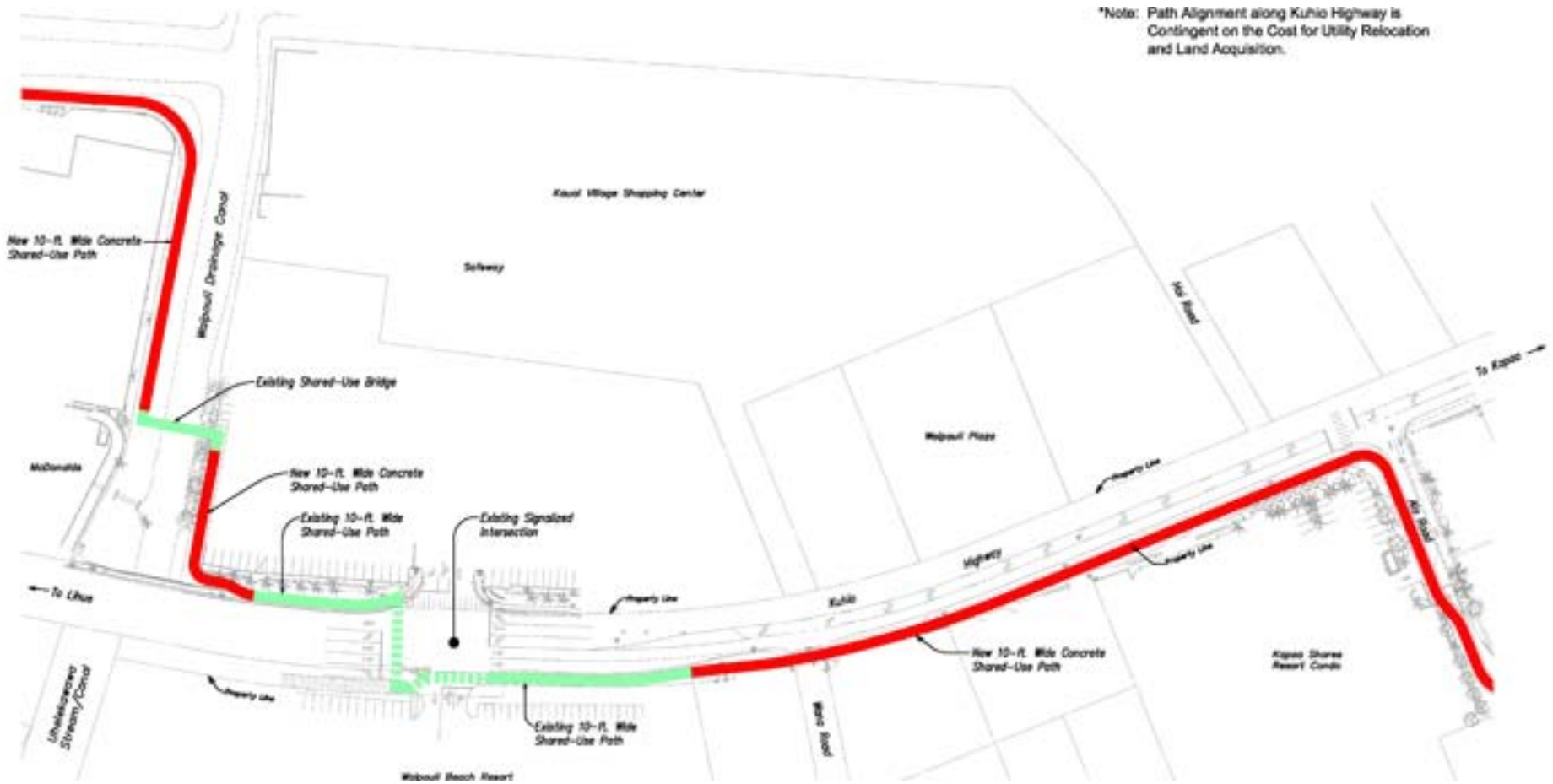
Matson

Midler Area, central portion, canal section



Typical Section

Foodland to Ala Road

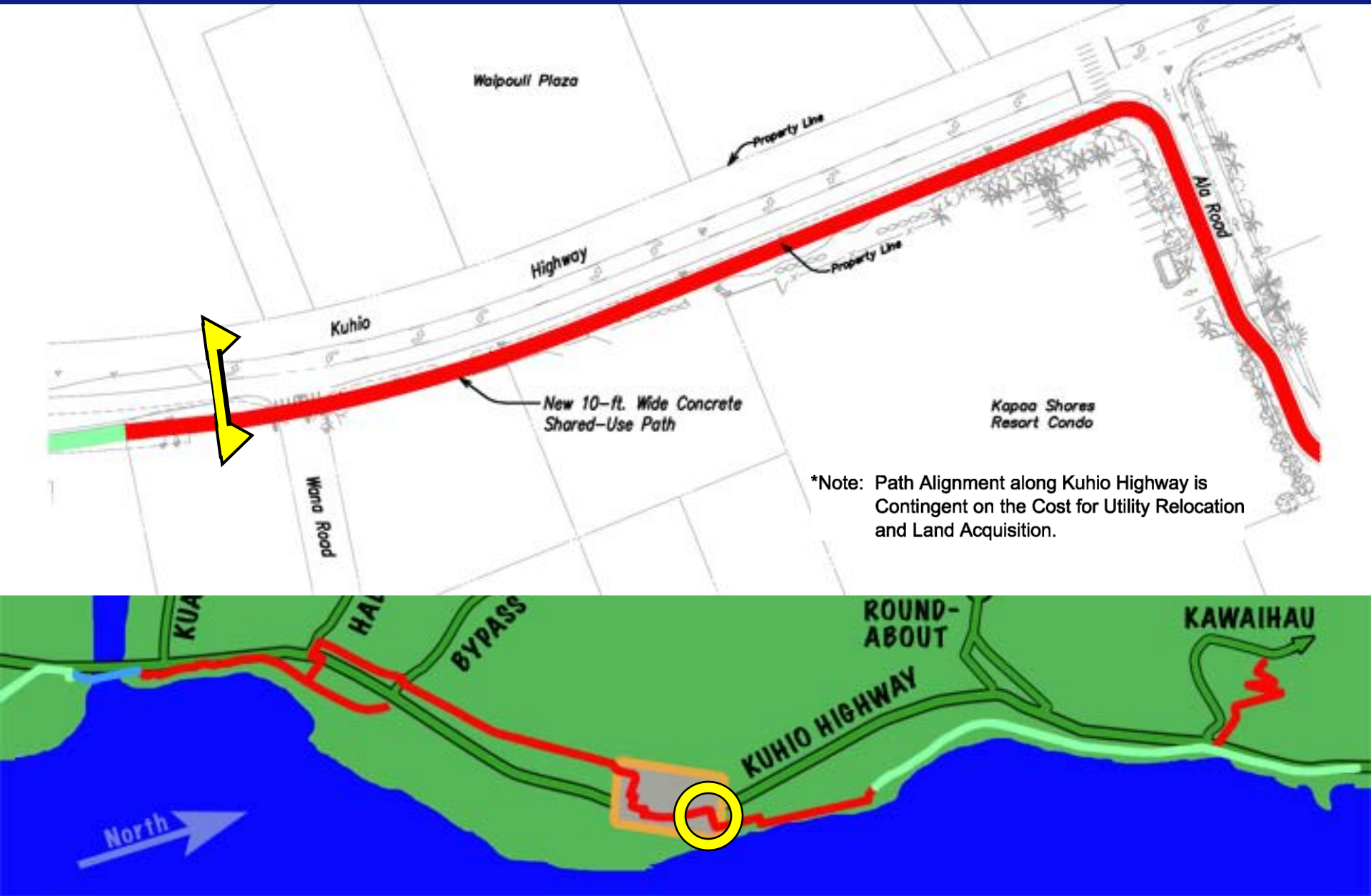


Lydgate Park to Lihi Park

Foodland to Ala Road, South portion

Foodland to Ala Road, sidewalk fronting Waipouli Beach Resort

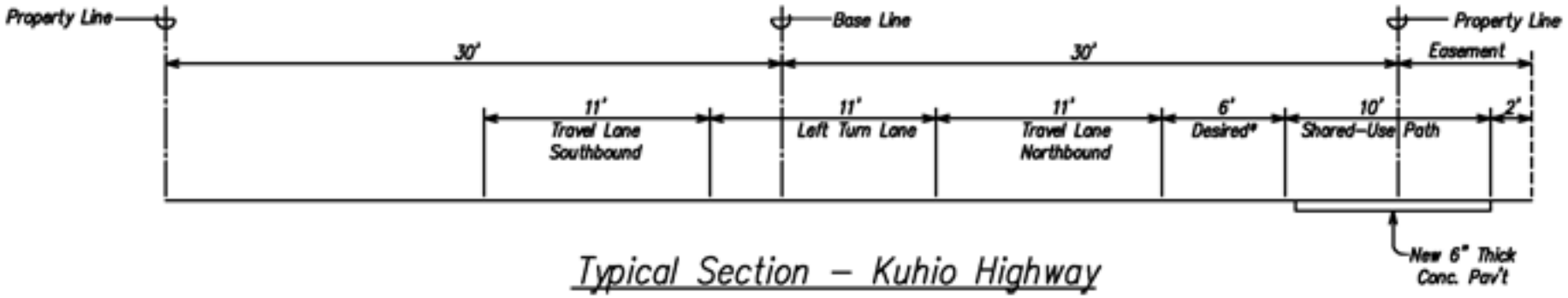
Foodland to Ala Road, North portion



mazda

KAPAA SHORE
RESORT
CONDOMINIUM
Vacation Rentals

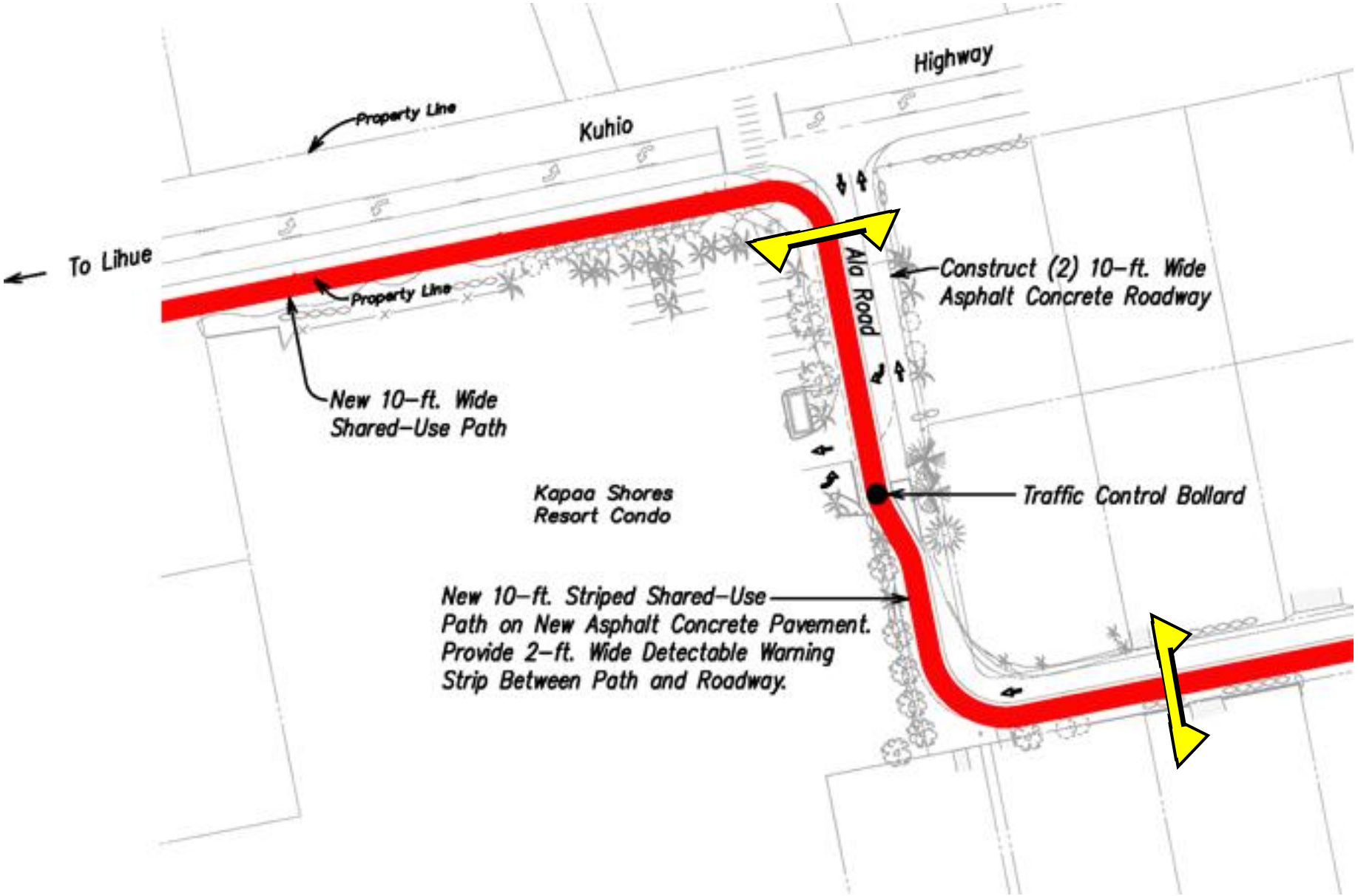
Foodland to Ala Road, Kuhio Highway section



Typical Section – Kuhio Highway

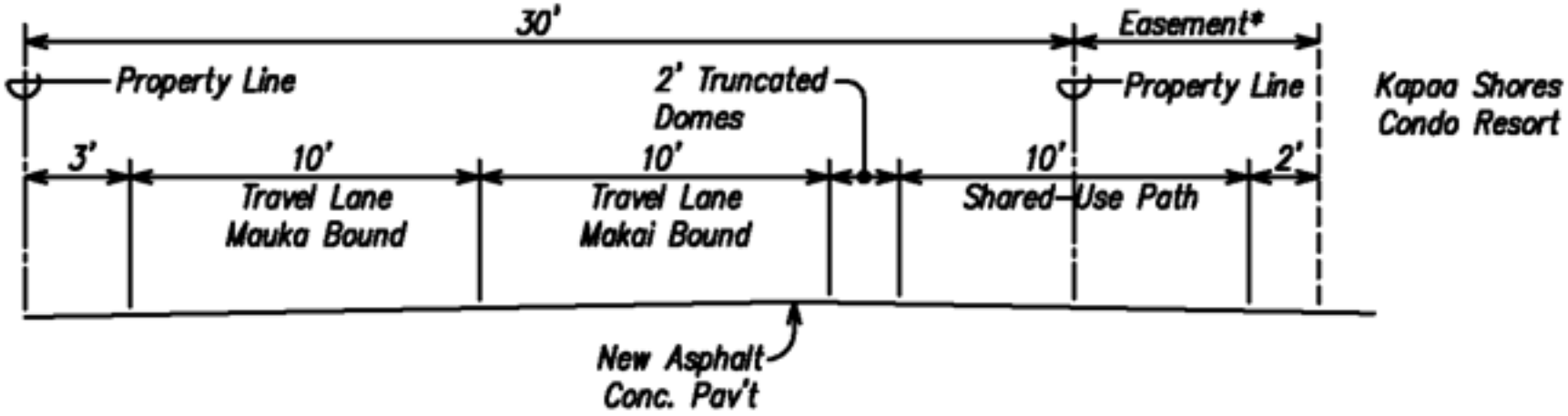
*Note: Path Alignment along Kuhio Highway is Contingent on the Cost for Utility Relocation and Land Acquisition.

Ala Road to Moanakai Road, South portion



KAPAA SHORE
RESORT CONDOMINIUM

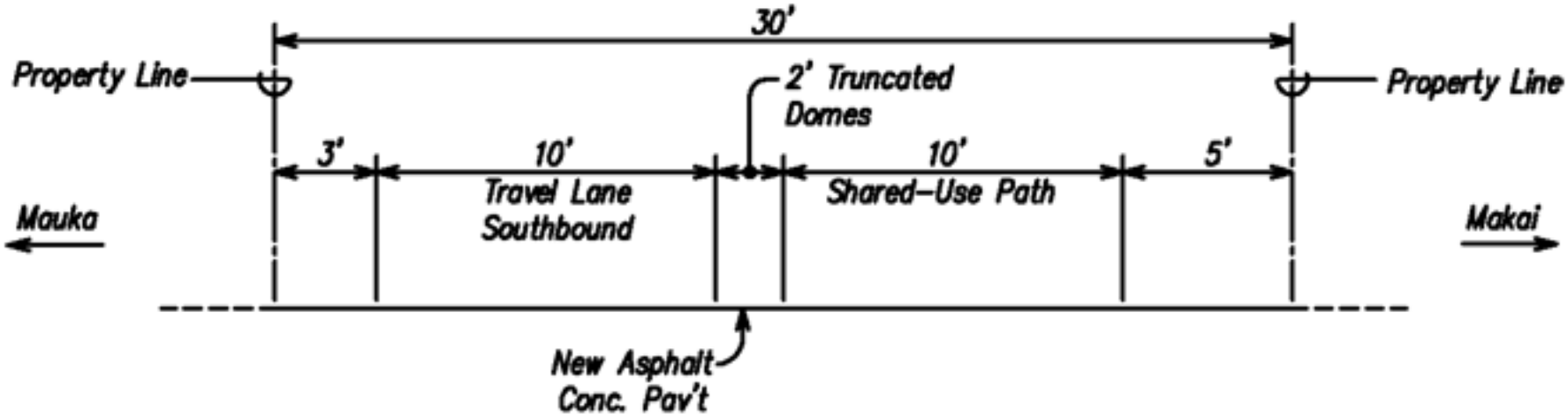
Ala Road to Moanakai Road, Ala Road section



Typical Section – Ala Road
Looking Makai

Ala Road to Moanakai Road, North portion

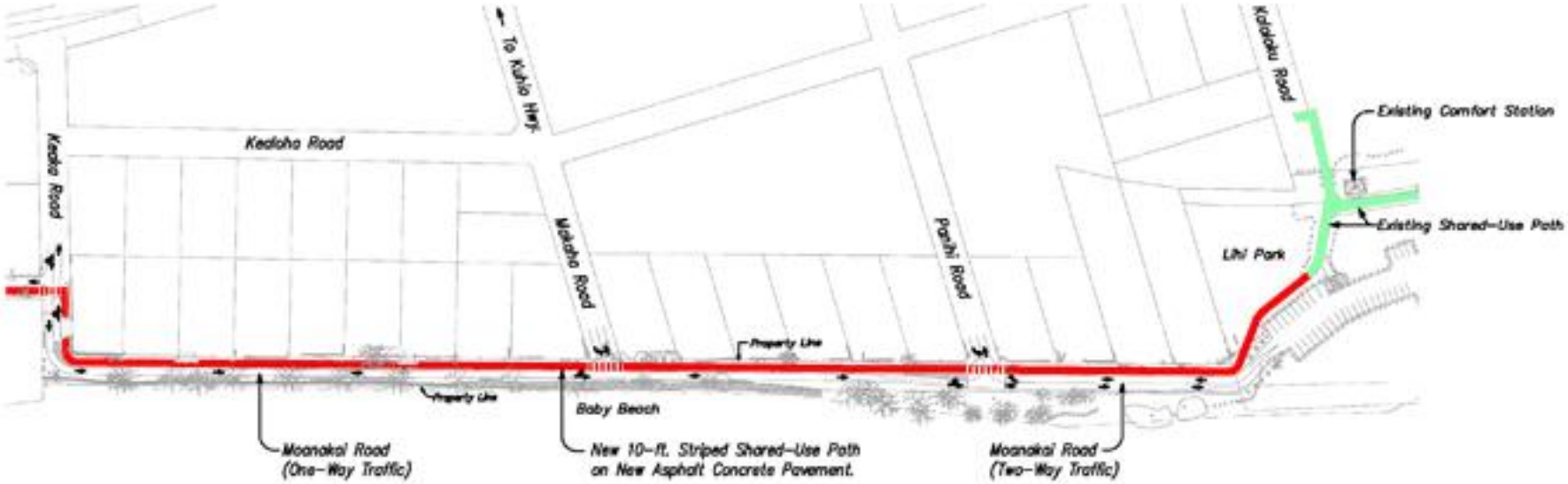
Ala Road to Moanakai Road, Niulani Street section



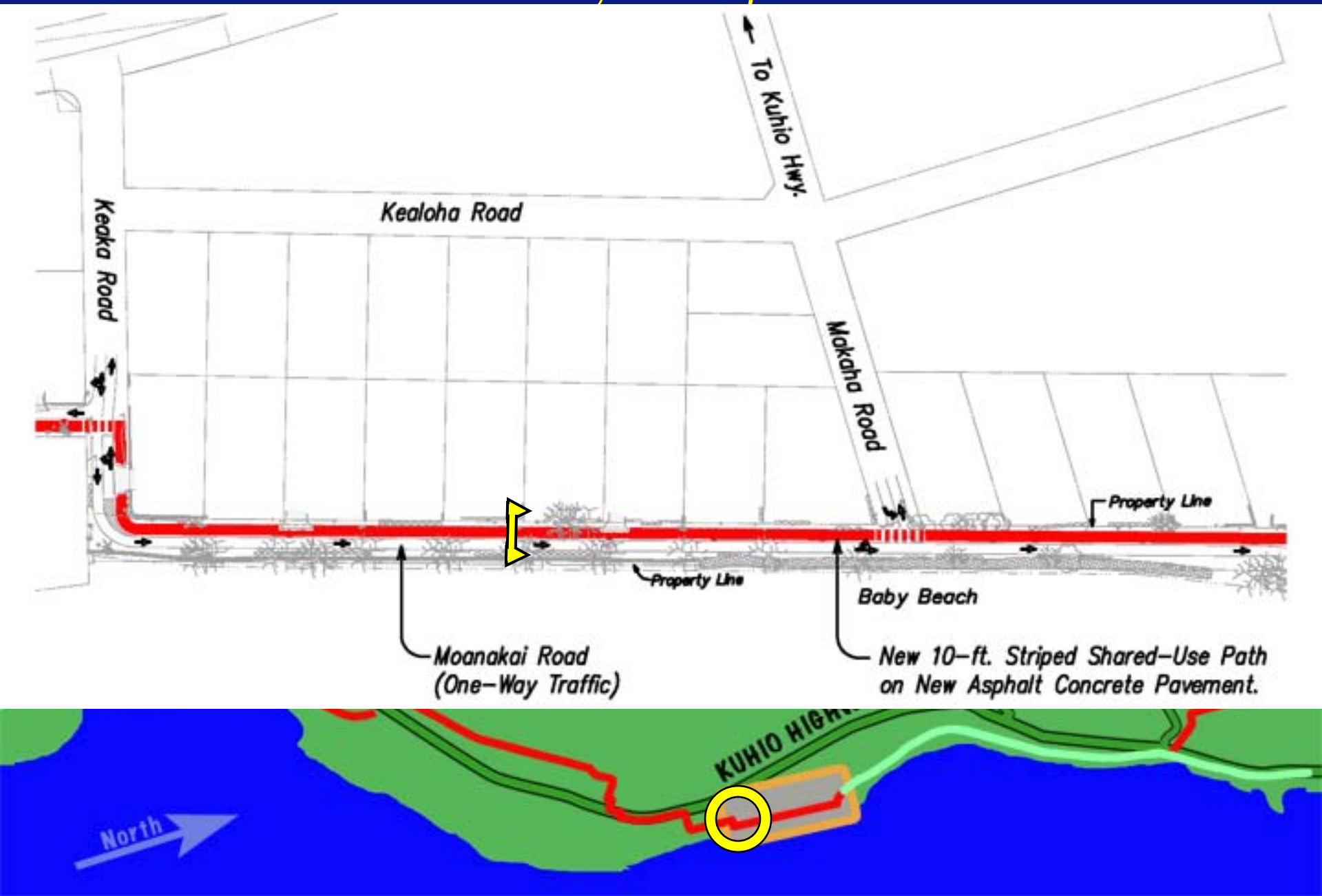
Typical Section – Niulani Street

NIULANI

Moanakai Road to Lihi Park

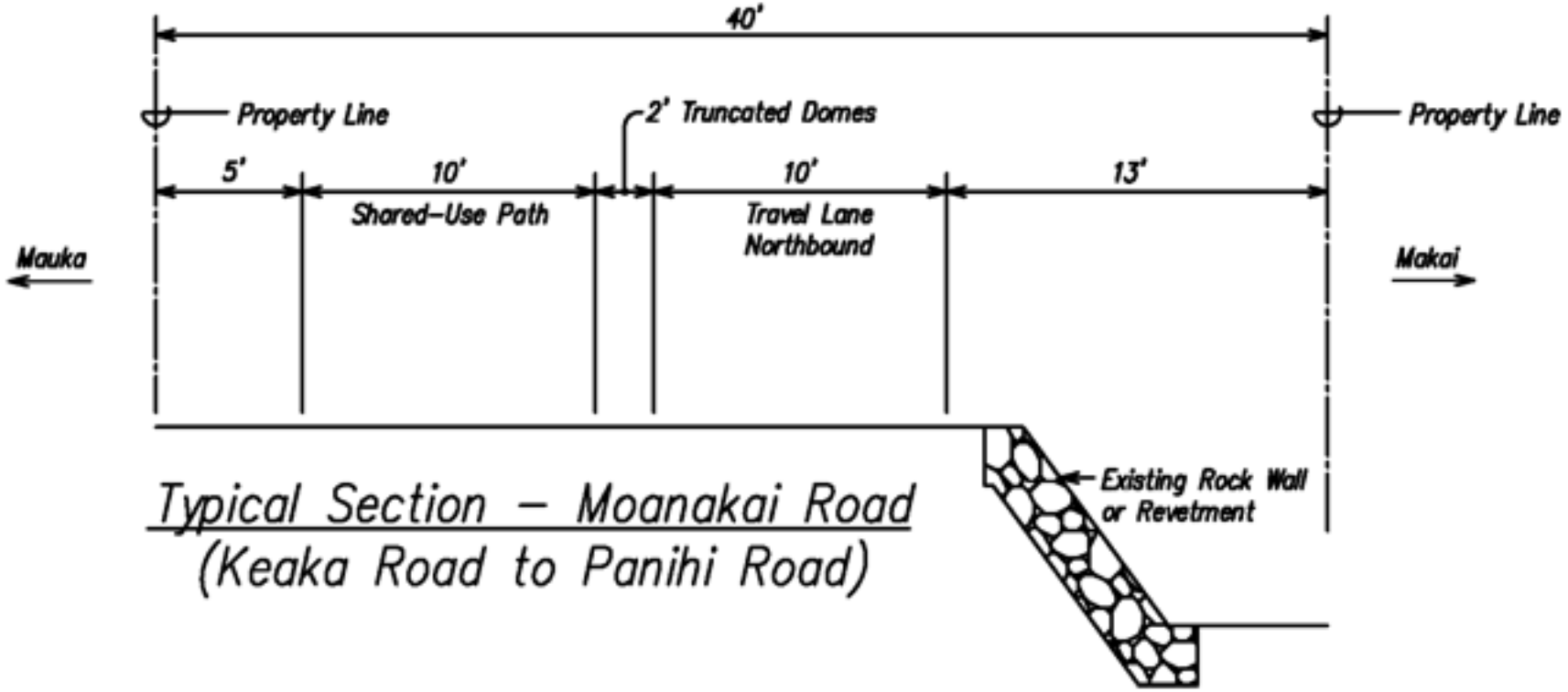


Moanakai Road to Lihi Park, South portion

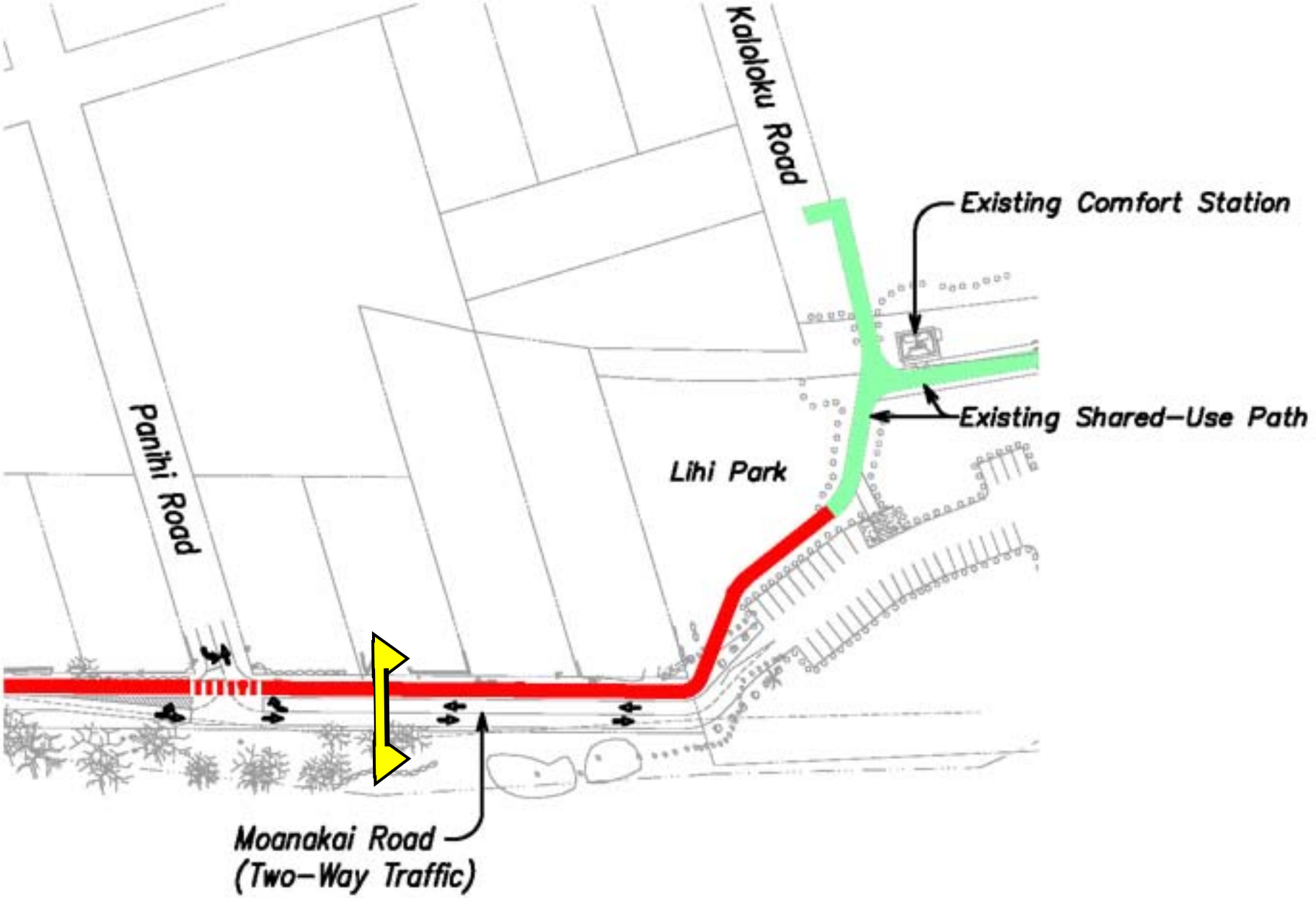


SPEED LIMIT
20

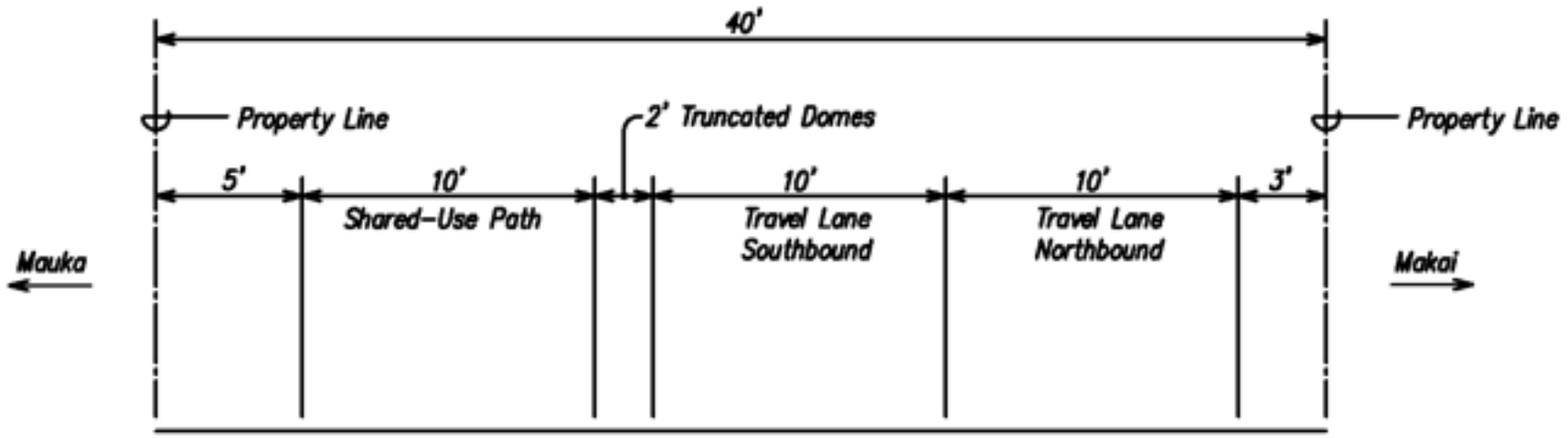
Moanakai Road to Lihi Park, South portion



Typical Section – Moanakai Road
(Keaka Road to Panihi Road)

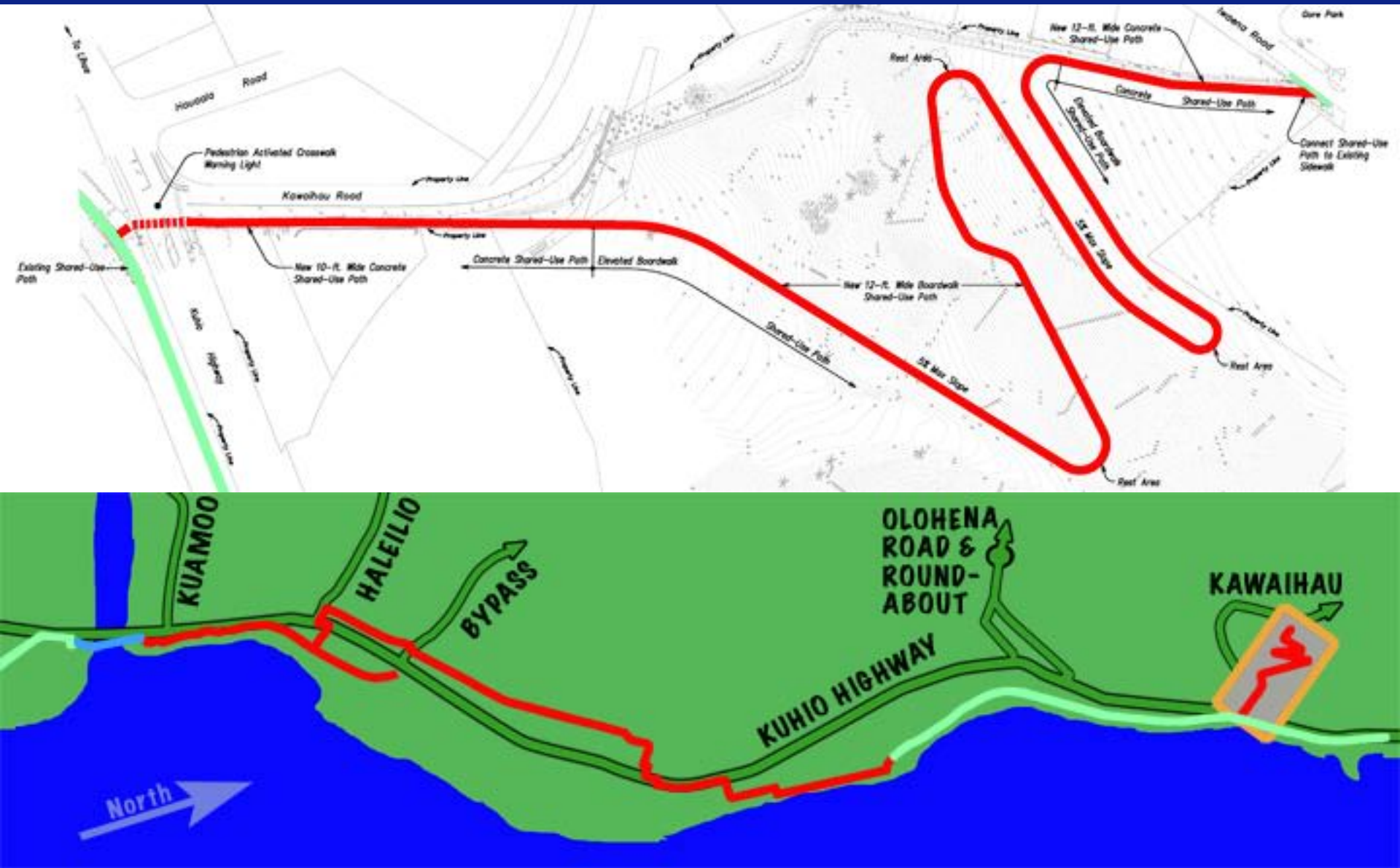

Kololoku Road
Existing Comfort Station
Existing Shared-Use Path
Panihi Road
Lihi Park
Moanakai Road
(Two-Way Traffic)

Moanakai Road to Lihi Park, North portion

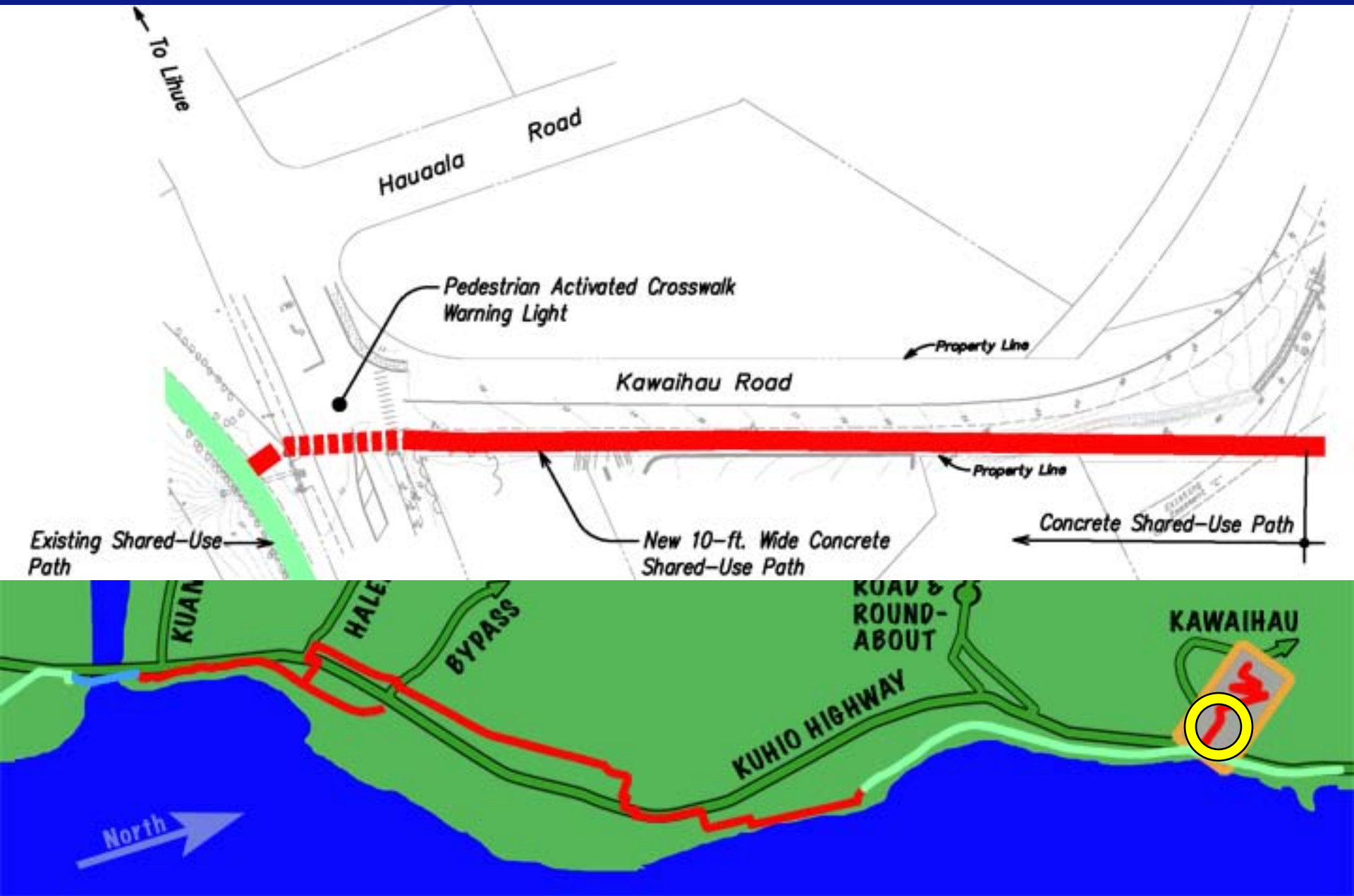


Typical Section – Moanakai Road
(Panihi Road to Lihi Park)

Kawaihau Road area—elevated boardwalk alternative



Kawaihau Road area, makai portion—elevated boardwalk alterna

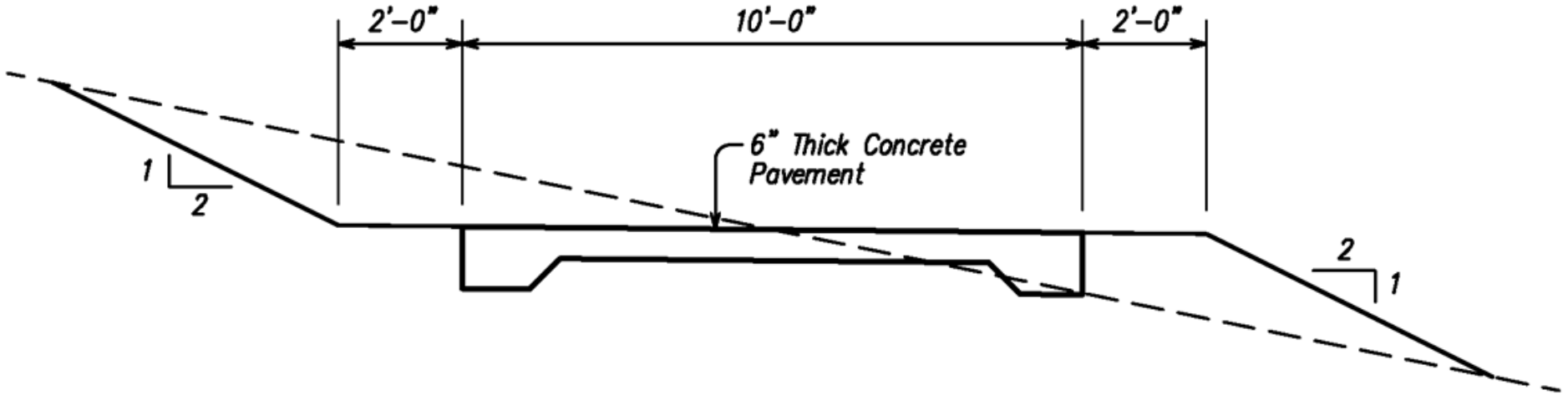


STATE
LAW
10
WITHIN
CROSSWALK

STOP

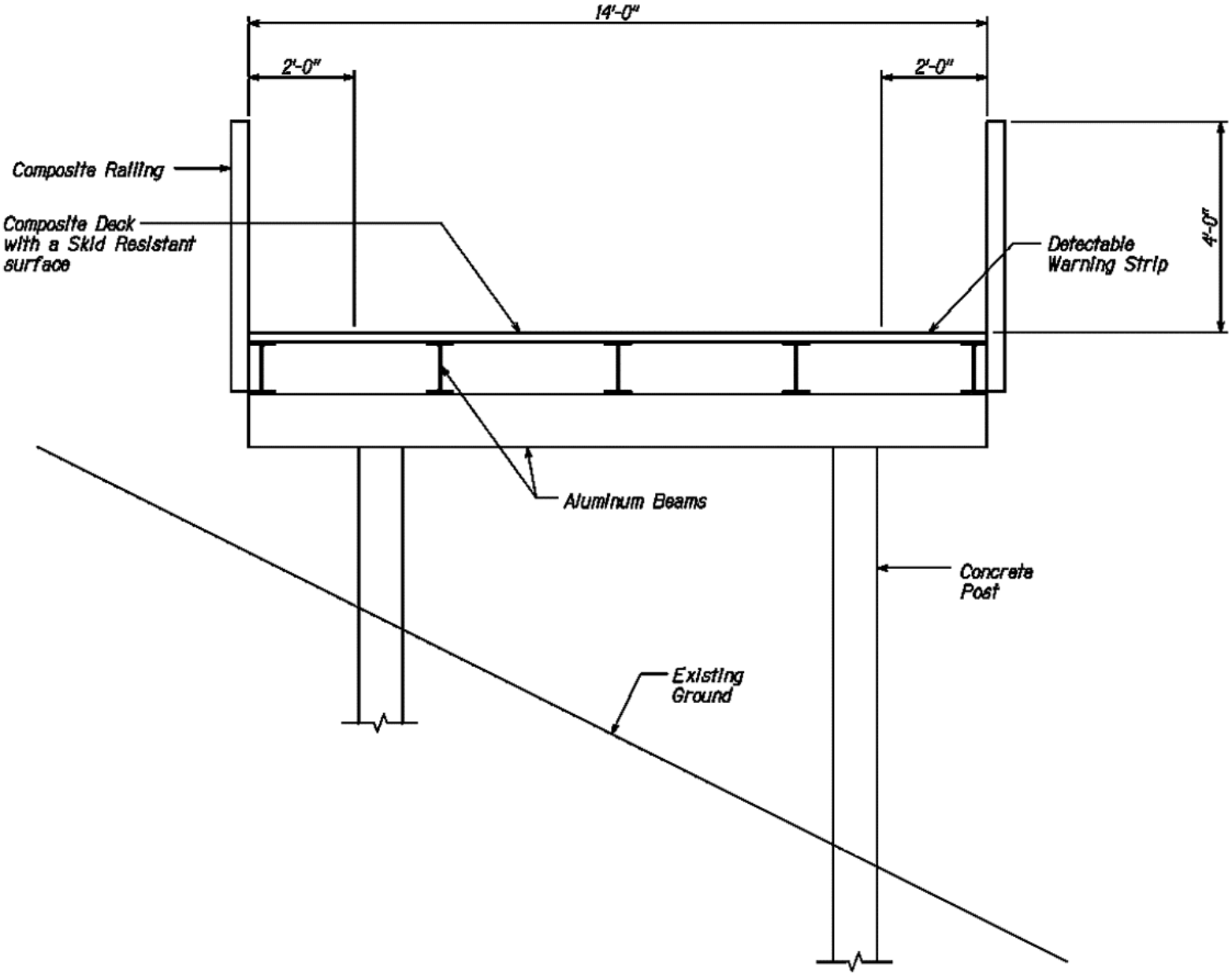
SPEED
LIMIT
25

Kawaihau Road area, at grade section

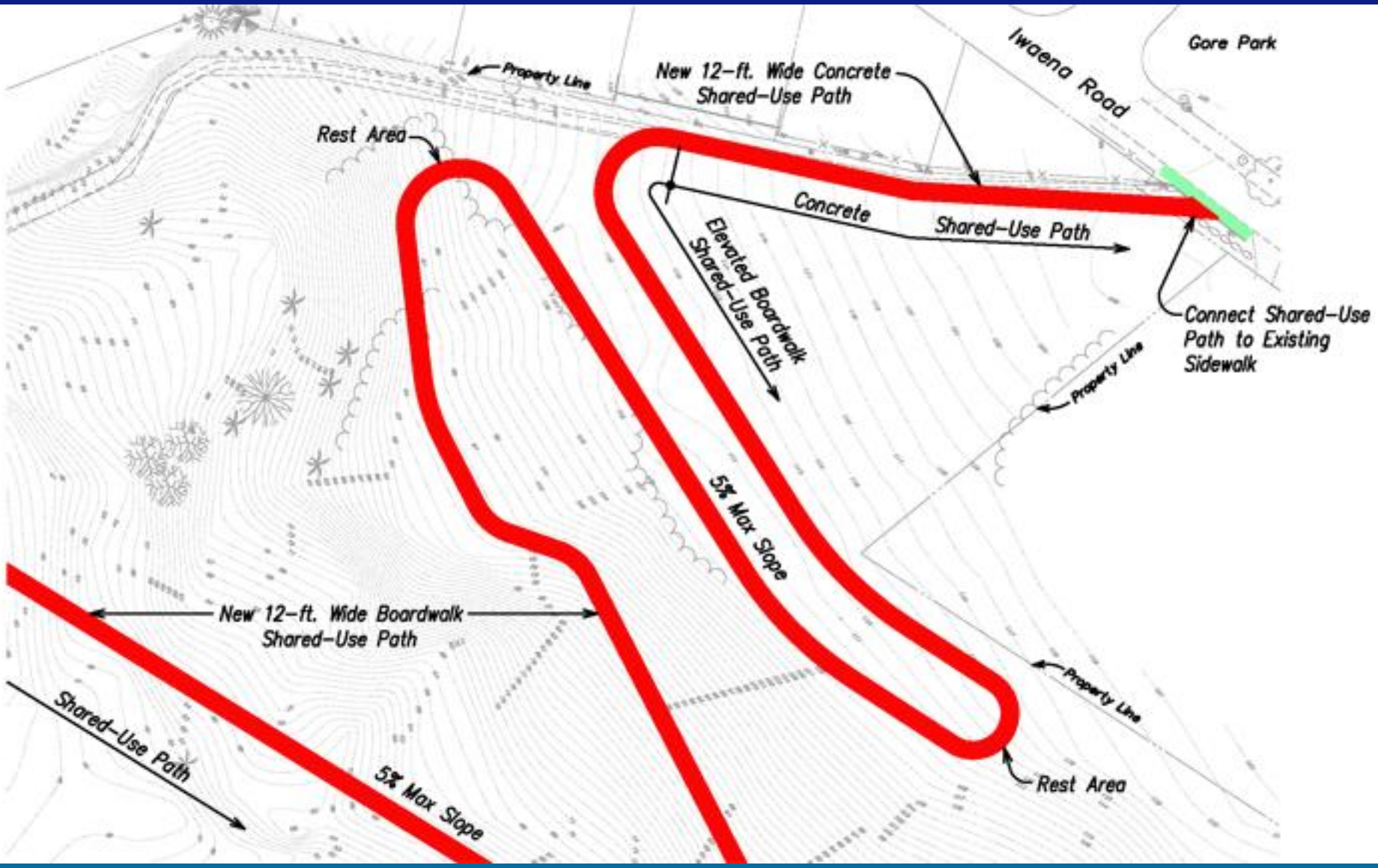


Typical Section at Cut or Fill Slopes

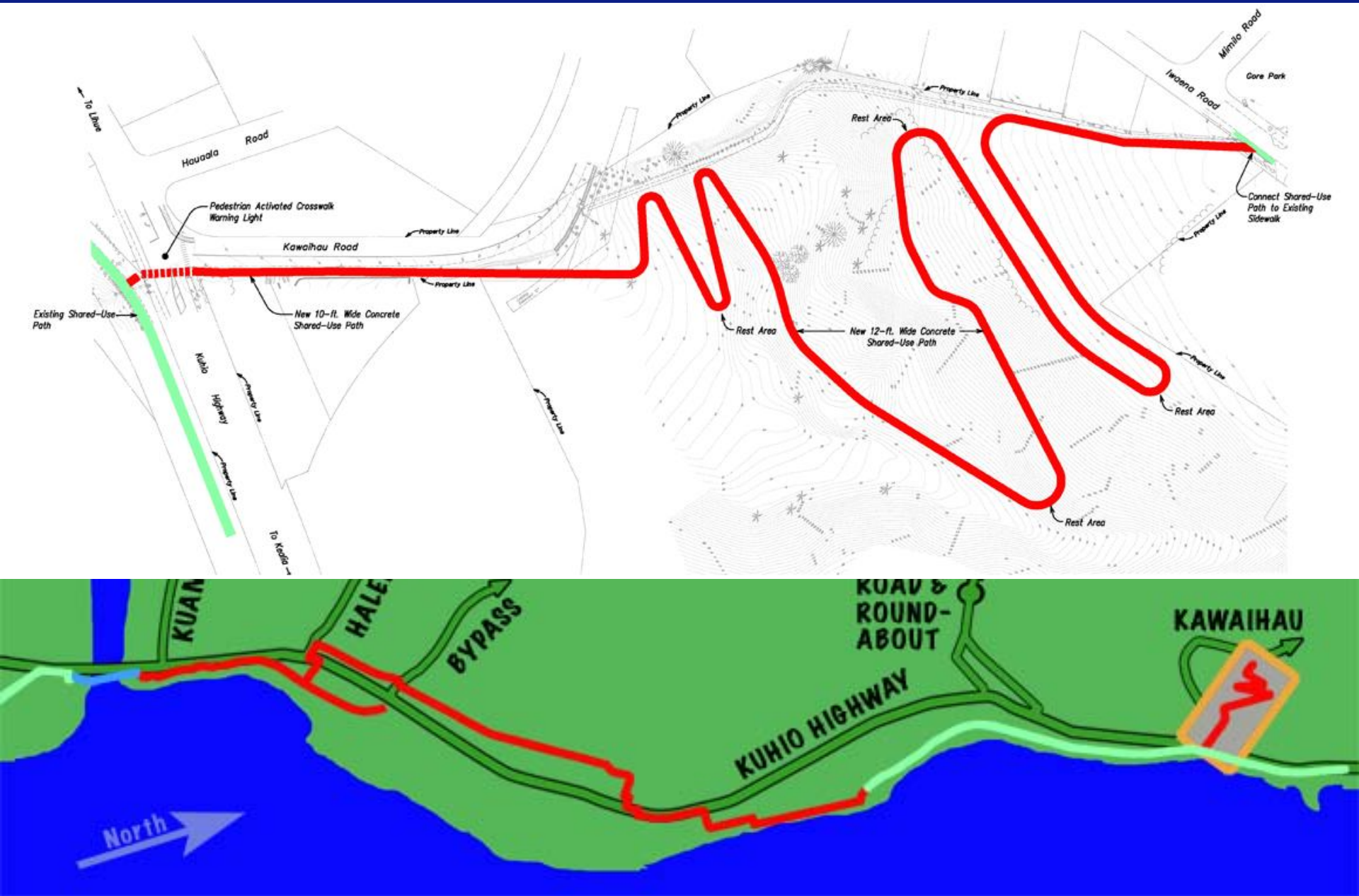
Kawaihau Road area, elevated section



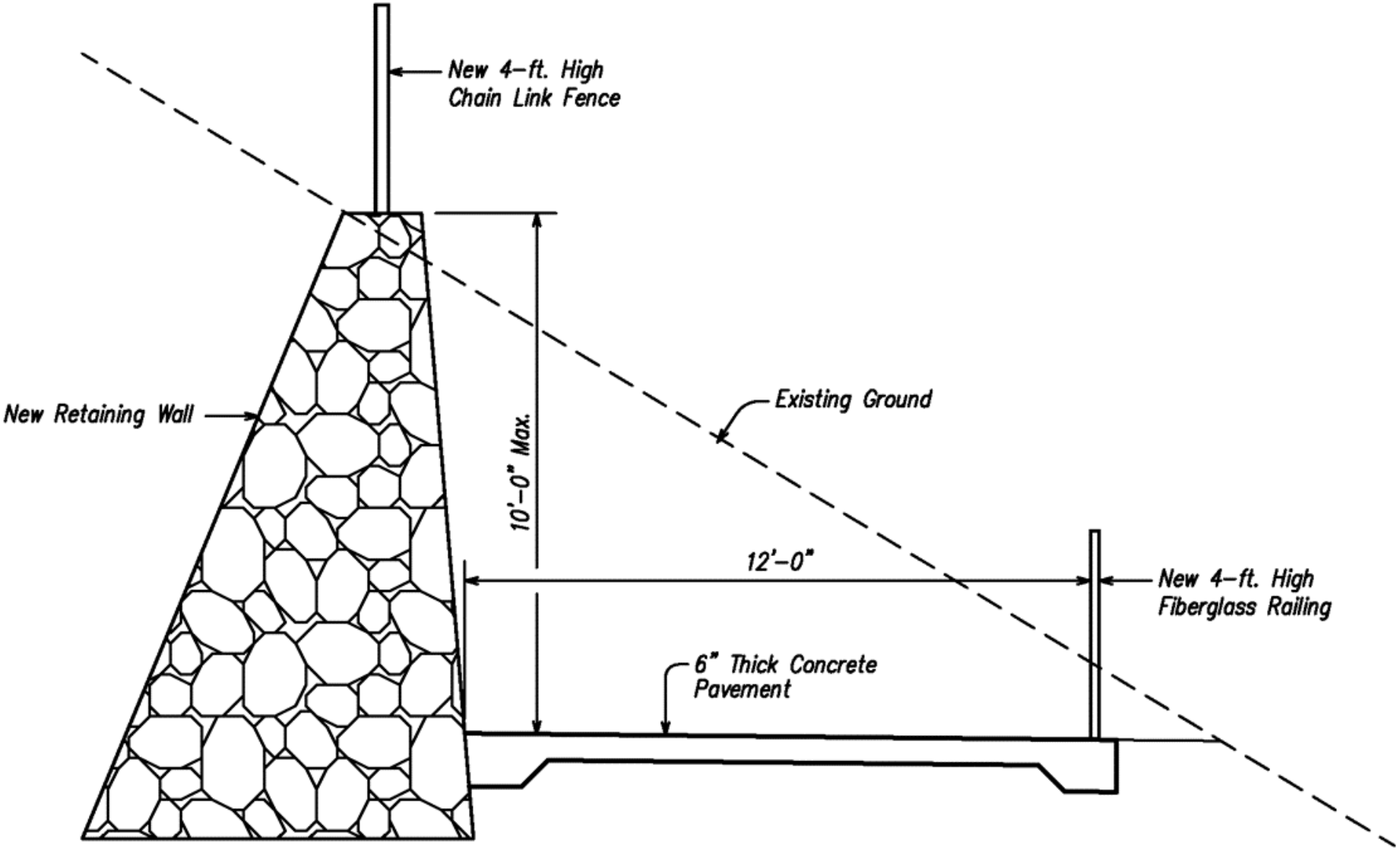
Kawaihau Road area, mauka portion—boardwalk alternative



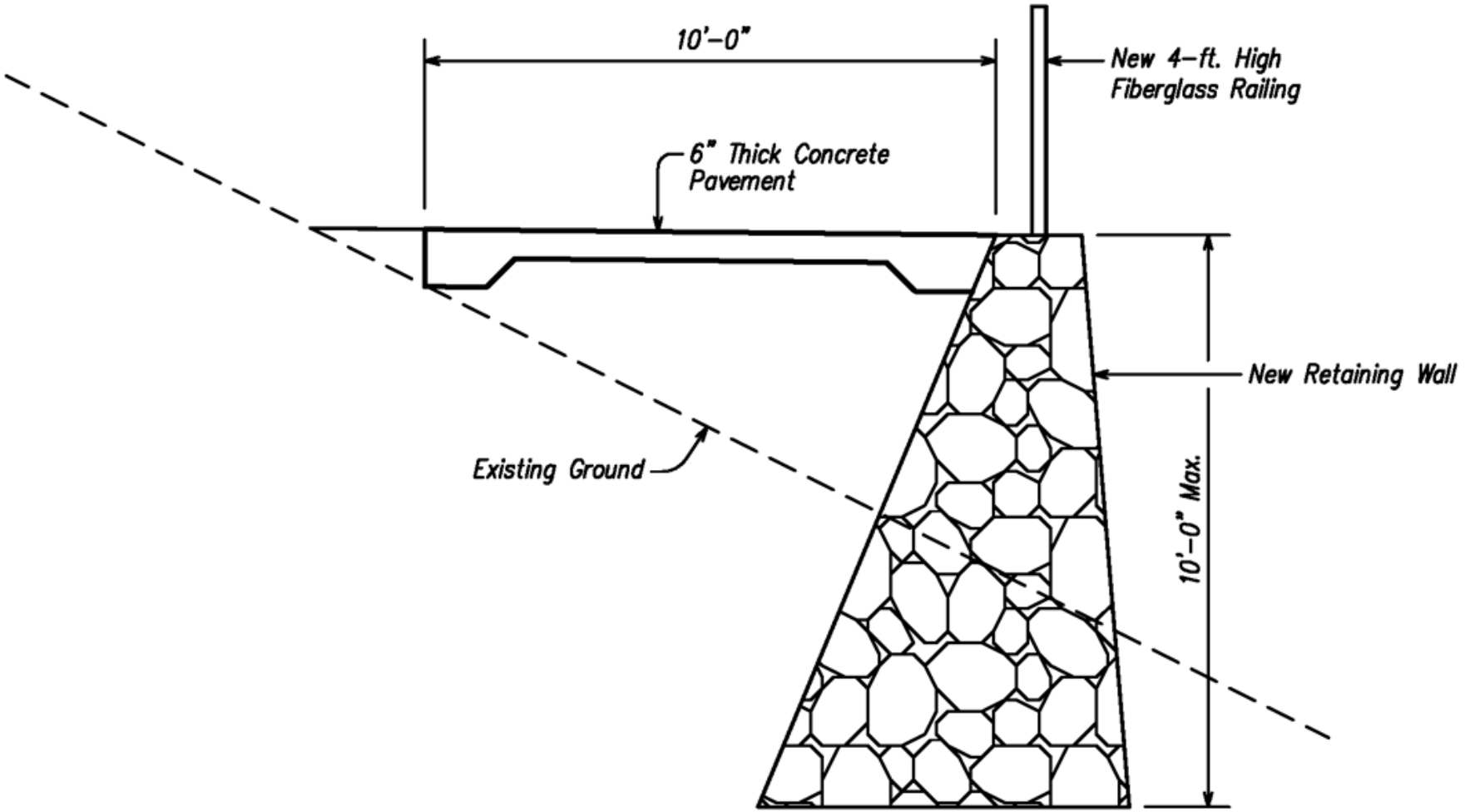
Kawaihau Road area, mauka portion—retained concrete alternati



Kawaihau Road area, retaining section

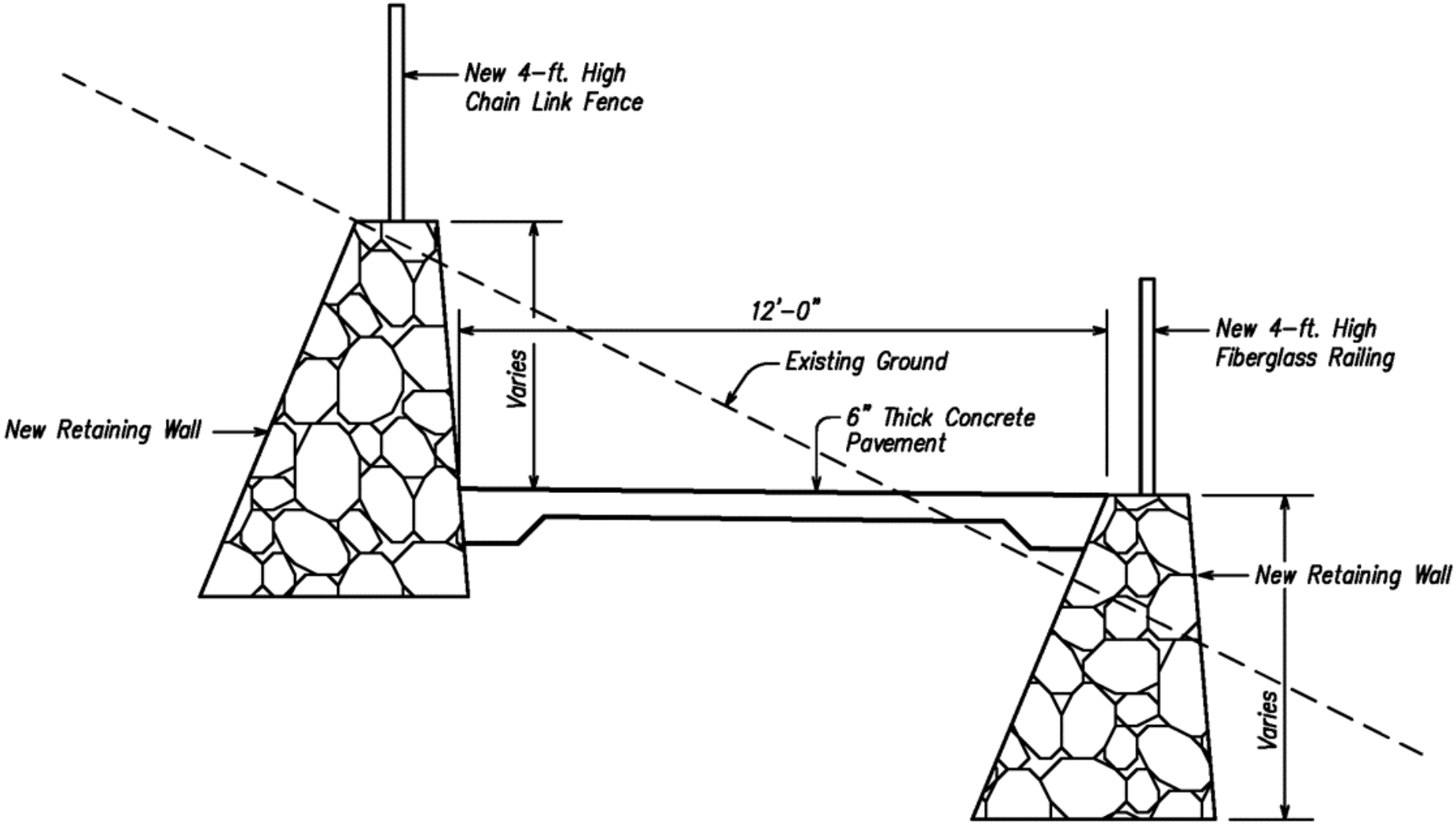


Kawaihau Road area, retaining section



Typical Section at Retaining Wall

Kawaihau Road area, retaining section



Typical Sections with Retaining Wall(s)

your questions and comments

this presentation will be posted at
www.KauaiPath.org
and www.Kauai.gov

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