

NOTE:
SOEST Tow Camera
Data ends 5,000 ft
west of this terminus
point.

Kāneʻohe Landing Site Area: Land Cover and Critical Habitat

- + Route with camera data *
- Route without camera data **
- Identified O'ahu Substation
- Highways & Major Roads
- Other Roads
- SOEST Cable Routes
- HIREP Study Analysis Area
- Critical Habitat - Water Birds

USGS GAP Analysis Land Cover

- | | | |
|---|--|---|
| Mixed Native-Alien Forest | Water | Christmas Berry Shrubland |
| Mixed Native-Alien Shrubs and Grasses | Wetland Grasses and Sedges | Koa Haole Shrubland |
| Native Shrubland/Sparse Ohia | Active Agriculture | Alien Forest |
| Native Wet Cliff Vegetation | Alien Shrubs and Grasses | Closed Kukui Forest |
| Uluhe Shrubland | Alien Trees and Shrubs | Kiawe Forest and Shrubland |
| Closed Ohia Forest | High Density Developed | Kiawe-Koa Haole Forest and Shrubland |
| Ohia Forest | Low Density Developed | Uncharacterized Forest |
| Open Koa-Ohia Forest | Alien Grassland | Uncharacterized Shrubland |
| Open Ohia Forest | Fountain Grass/Buffel Grass Grasslands | Very Sparse Vegetation to Unvegetated |
| | Alien Shrubland | |

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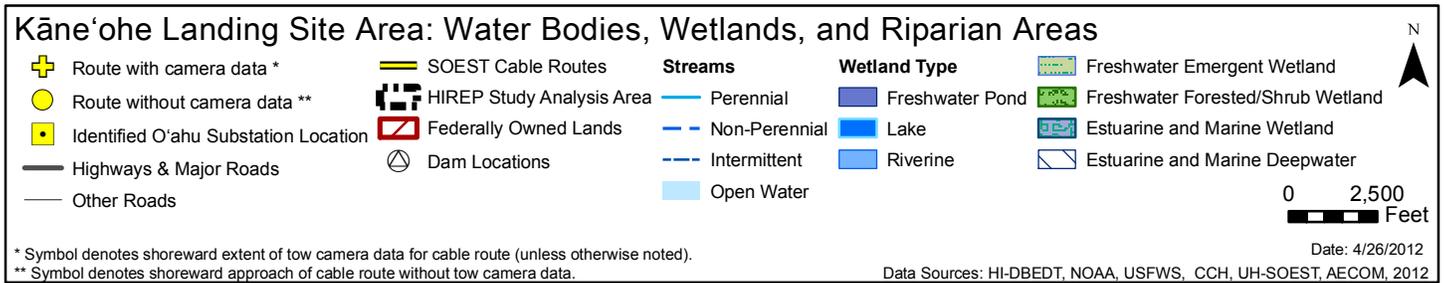
Data Sources: HI-DBEDT, NOAA, USGS, CCH, UH-SOEST, AECOM, 2012
Date: 4/27/2012



Figure 3.14-27



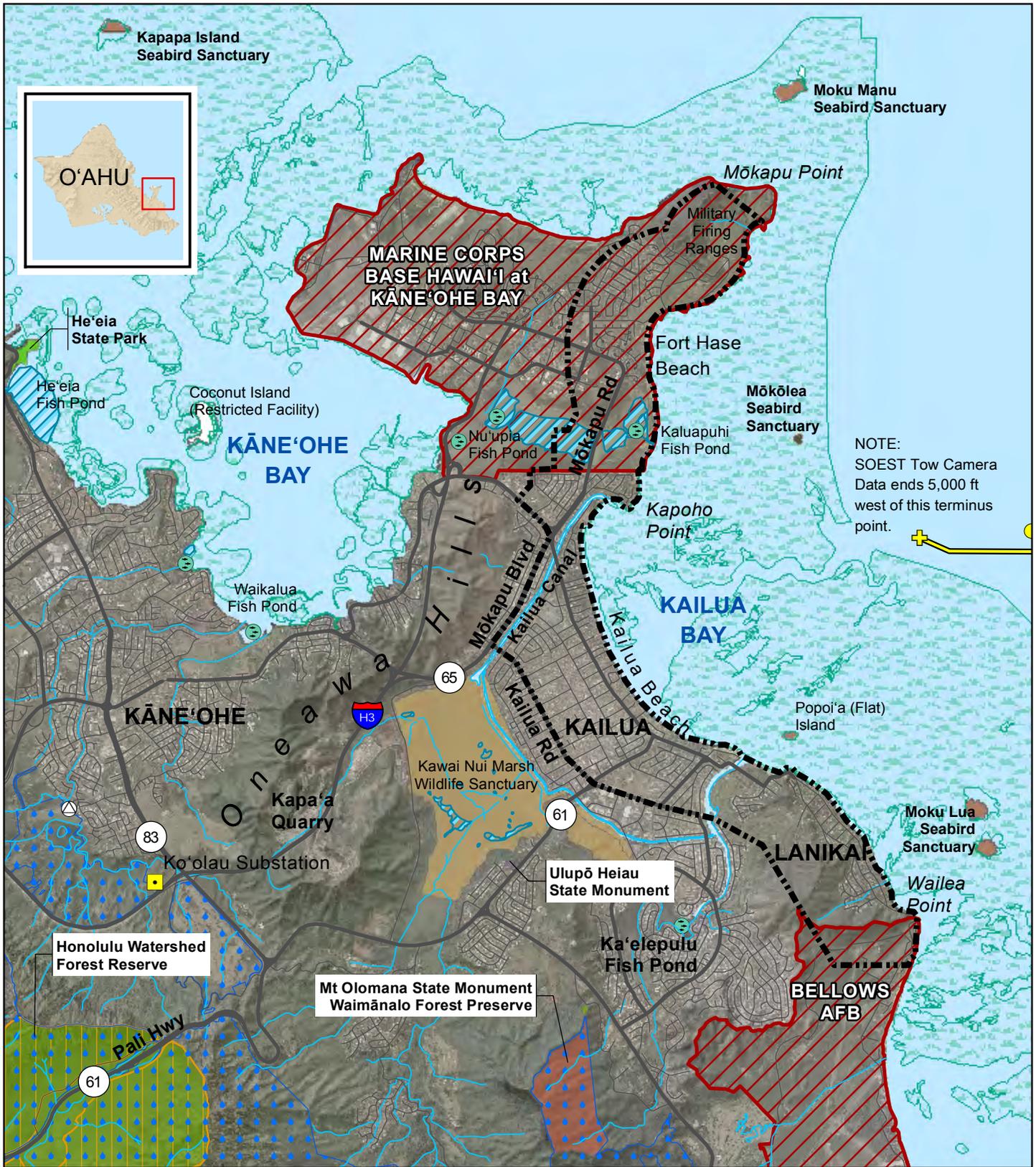
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Figure 3.14-28



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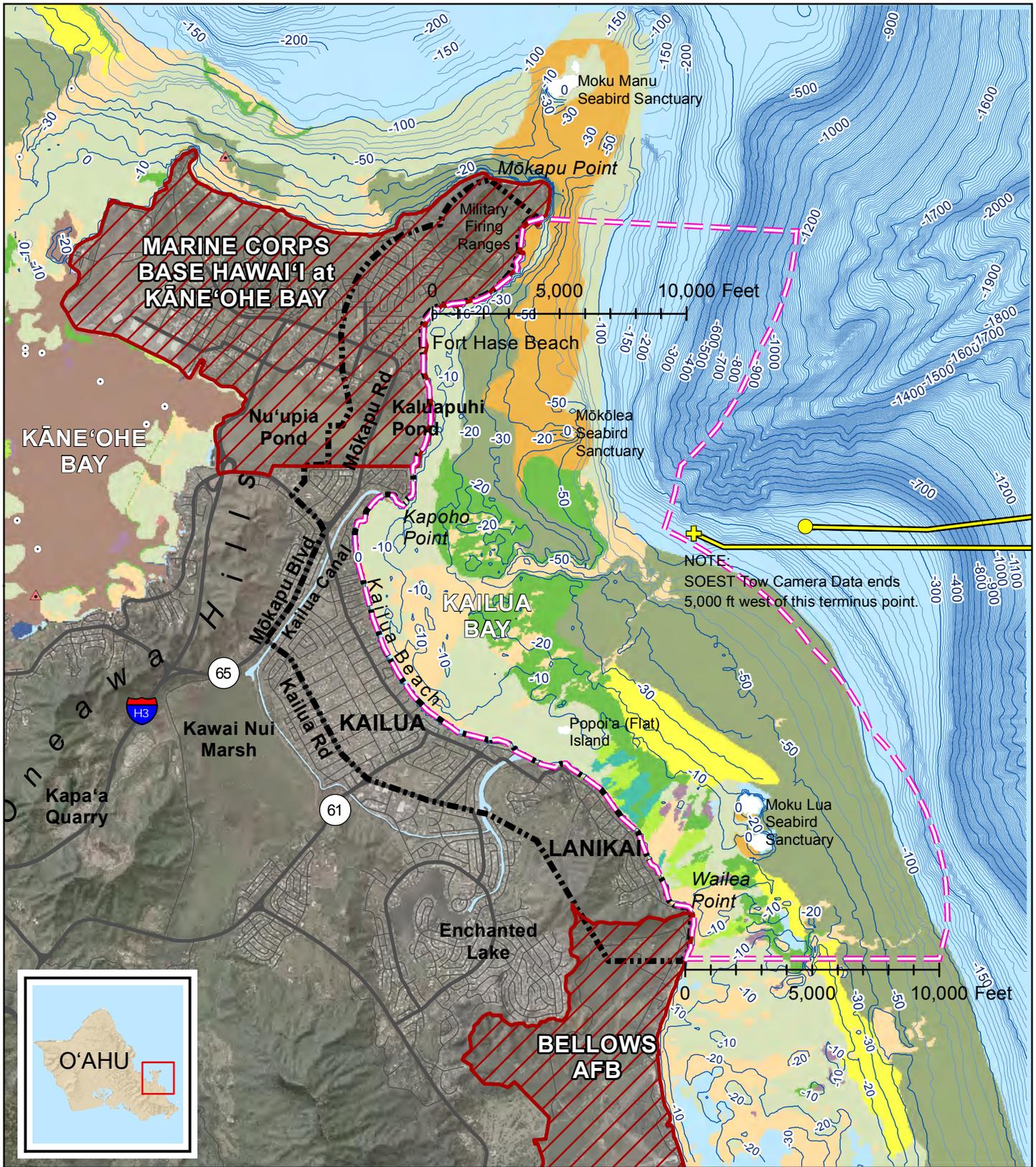
Kāneʻohe Landing Site Area: Terrestrial Habitat and Reserves

Route with camera data *	Federally Owned Lands	Drainages, Rivers and Streams	Bird Sanctuary (BS)
Route without camera data **	Dam Locations	Open Water	Forest Reserve (FR)
Identified Oʻahu Substation Location	Fish Ponds (Historic & Active)	Fish Ponds (Areas)	State Monument (SM)
Highways & Major Roads	Nearshore Coral Reefs	Wildlife Sanctuary (WS)	Forest Reserve-St Monument (FR-SM)
Other Roads			Public Hunting Areas
SOEST Cable Routes			

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Figure 3.14-29

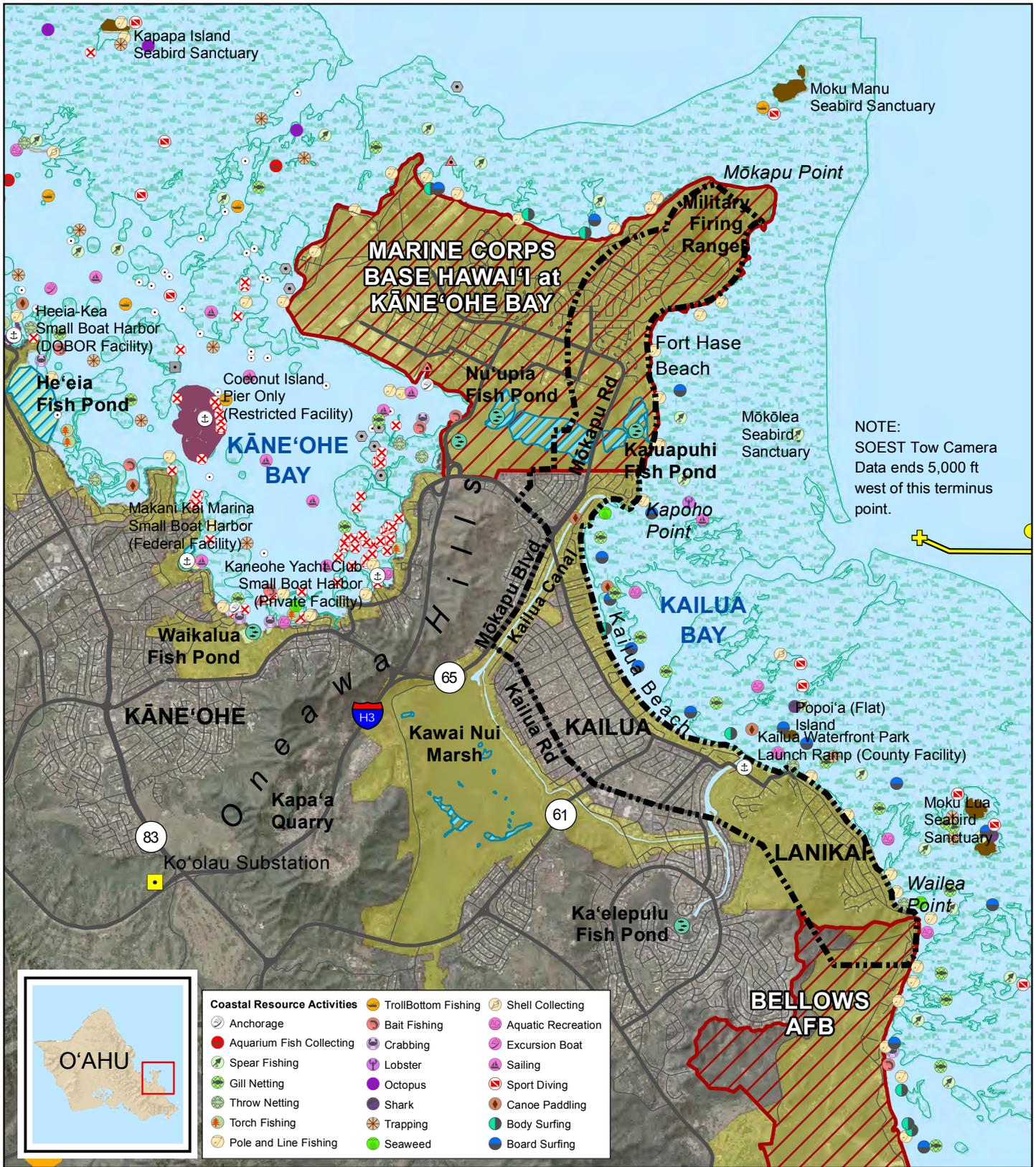


Kāneʻohe Landing Site Area: Nearshore Benthic (Coral) Habitat

<ul style="list-style-type: none"> + Route with camera data * ● Route without camera data ** ■ Identified O'ahu Substation — Highways & Major Roads — Other Roads 	<ul style="list-style-type: none"> SOEST Cable Routes HIREP Study Analysis Area Federally Owned Lands ▲ Known Shipwreck Locations ○ Aids to Navigation 10,000 ft from Shoreline 	<p>Ocean Depth Intervals (10 ft) ***</p> <ul style="list-style-type: none"> Major Depth Interval Minor Depth Interval <p>Nearshore Benthic (Coral) Habitat ****</p> <p>Benthic Dominant Structure Type</p> <ul style="list-style-type: none"> Coral Pavement Pavement w/ Sand Channels 	<ul style="list-style-type: none"> Rock/Boulder Aggregate Reef Aggregated Patch Reef Individual Patch Reef Scattered Coral/Rock Spur and Groove Mud Sand Artificial/Historical Rubble Artificial Island Open Water
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 *** Major depth intervals are 10 ft intervals above 50 ft in depth, and every 100 ft in depth thereafter. Minor depth intervals are the 10 ft intervals between majors.
 **** Coral data is limited to the information provided in the NOAA Benthic Coral data. Certain coastal areas may be missing data or be limited in coverage.
 Date: 4/27/2012
 Data Sources: HI-DBEDT, NOAA, CCH, UH-SOEST, AECOM, 2012

Figure 3.14-30



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Coastal Resource Activities	

Kāneʻohe Landing Site Area: Marine and Nearshore Coastal Resources

Route with camera data *	Route without camera data **	Identified O'ahu Substation Location	Highways & Major Roads	Other Roads	SOEST Cable Routes	HIREP Study Analysis Area	Federally Owned Lands	Known Shipwreck Locations	Marine Obstructions	Mooring Buoy	Offshore Platform	Aids to Navigation	Coastal Zone Management	Fish Ponds (Historic & Active)	Fish Ponds (Areas)	Nearshore Coral Reefs ***	Wildlife Sanctuary (WS)	Fisheries Management Area (FMA)	Public Fishing Area (PFA)	Other	Open Water

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 Date: 4/28/2012
 Data Sources: HI-DBEDT, NOAA CCH, UH-SOEST, AECOM, 2012

Figure 3.14-31