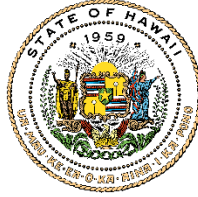


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GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



**KA MOKU'ĀINA 'O HAWAI'I
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HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

Ref: OCCL:CM

CDUA OA-3943

Acceptance Date: 10/17/2023

180 Day Expiration Date: 4/14/2024

Oct 17, 2023

Sergio George G. Abcede
Highway Administrator, Hawaii Department of Transportation
869 Punchbowl Street
Honolulu, HI 96813

Dear Mr. Abcede:

**NOTICE OF ACCEPTANCE AND ENVIRONMENTAL
DETERMINATION**

**Conservation District Use Application (CDUA) OA-3943
(Board Permit)**

This acknowledges the receipt and acceptance for the processing of the CDUA for the Kamehameha Highway at Kaaawa Erosion Mitigation Project, in submerged lands makai of the highway. The project is located at Kaaawa, Koolauloa, Oahu. The project site totals approximately 0.25 acres (approximately 10,660 square feet) of submerged lands situated makai of Tax Map Key (TMK) (1) 5-1-002:025 and is in the General Subzone of the State Land Use Conservation District.

The Hawaii Department of Transportation (HDOT) proposes to construct a rock revetment along an approximately 400-foot section of Kamehameha Highway. The proposed project site is adjacent to the makai side of Kamehameha Highway, directly across the highway from Kaaawa Elementary School (west of the project). The goal of the project is to prevent progressive erosion and scour from undermining and destabilizing the northbound lane of the highway. The exposed makai shoulder of the highway has been subjected to wave inundation that resulted in undermining that extends up to 10 feet under the shoulder of the road and extending as far as the makai travel way stripe. This section of highway is in danger of failure and collapse and poses a risk to public safety.

The revetment would be constructed with armor stone of basalt rock with a weight of 1,300 to 2,200 pounds each, placed over 130 to 230 pounds underlayer stone and

geotextile fabric. The design crest elevation is +8 feet mean sea level, equivalent to the highway elevation, with a width of 6.6 feet, and a front slope of 1:1.15 (vertical to horizontal). A rock toe scour apron will extend another 4.4 feet seaward. In its completed form the revetment will be approximately 22 feet wide as measured from the landward edge of the crest to the seaward edge of the toe, and with a length of approximately 450 feet measured end to end.

The project's approximate design lifespan is 25 years, which is considered a short-term to medium-term solution. No secondary or long-term improvements are being proposed.

Closure of the northbound lane of Kamehameha Highway is likely during the construction as the road shoulder is narrow at the project site. The staging area for materials will be the north end adjacent to Kaaawa Beach Park. Construction will start at the north end and proceed south. The work will proceed in 25 foot increments with clearing, excavating, filling, grading, stockpiling of salvaged material, slope penetration, geotextile filter fabric placement, underlayer stone placement, and finally armor stone placement. Excavated beach sand will be stockpiled on beach above the mean higher high-water line to the north side of the advancing construction.

After reviewing the application, the department finds that:

1. The proposed uses are identified land uses in the General subzone of the Conservation District, pursuant to the Hawaii Administrative Rules (HAR), 13-5-22, P-15, **SHORELINE EROSION CONTROL**, (D-1) Seawall, revetment, groin, or other coastal erosion control structure or device, including sand placement, to control erosion of land or inland area by coastal waters, provided that the applicant shows that (1) the applicant would be deprived of all reasonable use of the land or building without the permit; (2) the use would not adversely affect beach processes or lateral public access along the shoreline, without adequately compensating the State for its loss; or (3) public facilities (e.g., public roads) critical to public health, safety, and welfare would be severely damaged or destroyed without a shoreline erosion control structure, and there are no reasonable alternatives (e.g., relocation). Requires a shoreline certification.

The above land uses require a permit from the Board of Land and Natural Resources, who have the final authority to modify, grant, or deny any permit.

2. Pursuant to HAR, Section 13-5-40, a Public Hearing will be required;
3. In conforming with the Hawaii Revised Statutes (HRS), Chapter 343, as amended, and HAR, Section 11-200, the Final Environmental Assessment (FEA) and Findings of No Significant Impact (FONSI) was published in *The Environmental Notice* on June 23, 2022; Kamehameha Highway at Kaaawa Erosion Mitigation. The FEA was reviewed and a FONSI was determined by the State of Hawaii, Department of Transportation.

Our office will publish the CDUA in *The Environmental Notice* and distribute the CDUA for public comments. The comment period will be for 30 days, and you will be responsible to respond to the public comments.

Prior to presenting the application to the Board of Land and Natural Resources (BLNR) our office will need:

1. A stamped certified shoreline map.
2. State of Hawaii Historic Preservation Division 6E determination.

Please contact Land Division for any necessary land disposition. A right-of-way overlay onto the certified shoreline map (requested previously) will assist.

Upon completion of the application review process, the subject CDUA will be reviewed by the BLNR for consideration. Should you have any questions, please feel free to contact Cal Miyahara at (808) 798-6147 or calen.miyahara@hawaii.gov.

Sincerely,



Dawn N.S. Chang, Chairperson
Board of Land and Natural Resources

CC: Oahu Board Member
DAR/DOCARE/DOFAW/ENG/ODLO
Office of Planning and Sustainable Development
DOH/OHA/USFWS/US Army Corps
C&C, Planning Department
Kaneohe Public Library
Koolauloa Neighborhood Board
Kaaawa Community Association