

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2022	ADD. 10	127

HISTORICAL PRESERVATION NOTES

1.

If cultural materials, such as artifacts, burials, concentrations of shell or charcoal be discovered during construction, all earth-moving activity within and around the immediate discovery area shall cease immediately and the find shall be protected from further damage until a qualified archaeologist can assess the nature and significance of the find and recommend appropriate mitigation measures, if necessary.
2.

If previously unidentified non-burial historic properties, or unanticipated effects are discovered, the Contractor shall follow Hawaii Administrative Rules (HAR) Chapter 13-280 "Rules Governing General Procedures for Inadvertent Discoveries of Historic Properties During a Project Covered by the Historic Preservation Review Process."
3.

If human remains are discovered, Hawaii Administrative Rules Title 13, Subtitle 13, Chapter 300 states that further disturbances and activities shall cease in any area or nearby area suspected to overlie remains and the State Historic Preservation Division and the Police Department will be contacted. The appropriate process would then proceed in conformance with Hawaii Administrative Rules Section 13-300 Subchapter 4 "Procedures for Proper Treatment of Burial Sites and Human Skeletal Remains."
4.

Culvert Heads and Wing Walls adjacent to the road along its alignment shall be avoided and appropriately protected in place with Construction Fencing for the duration of the project to avoid impacts that may result from Heavy/Large Mechanical Equipment especially during road resurfacing and reconstruction work. The fencing installation and maintenance of the protective fencing will be the responsibility of the Contractor.
5.

Contractor to provide Photographs of the installation of the Construction Fence to HDOT prior to the construction of the project. Each photo shall be described and presented together in an organized format.
6.

Contractor to repair or reconstruct head or wing walls unexpectedly affected by the project using visually similar materials and the same method of construction to reflect the type and period of the original structure with prior approval from HDOT and SHPD. In the event of an incident, the Contractor shall contact HDOT (Randall Haraguchi at 808-241-3023) at the time of the incident and prior to undertaking any repair or reconstruction work. HDOT shall then consult with SHPD on the proposed response actions for the Contractor to follow.
7.

Sediment or Debris removal from the culverts or other cleaning for maintenance of the drainages shall be primarily done by hand with Handheld Tools. Such Hand Tools include, but are not limited to shovels, chainsaws, machetes, weed eaters, and clippers. During work to clear the culverts, care shall be exercised to avoid any disturbance to the culverts, including the culvert head and wing walls, that may result with the use of Heavy/Large Mechanical Equipment,

- from project-related activities. Implement a litter-control plan and develop hazard analysis and control point plan to prevent attraction and introduction of non-native species.
6.

Fuel project-related vehicles and equipment away from the water and develop a contingency plan to control petroleum products accidentally spilled during the project. Store absorbent pads and containment booms on-site, if appropriate, to facilitate the clean-up of accidental petroleum releases.
7.

Protect under-layer fills from erosion with stones (or core-loc units) as soon after placement as practicable.
8.

Protect any soil exposed near water as part of the project from erosion (with plastic sheeting, filter fabric, etc.) after exposure and stabilize as soon as practicable (with native or non-invasive vegetation matting, hydroseeding, etc.).

AVIAN RESOURCES PROTECTION NOTES

1.

Nēnē in or near the project area shall not be approached, fed, or disturbed in any way.
2.

All food and beverage waste shall be disposed of in appropriate covered trash receptacles.
3.

If nēnē are observed loafing, foraging, or otherwise present within the project area during the breeding season (September 1 through April 30), a trained biologist familiar with nēnē nesting behavior will survey the area in and around the project area for nests prior to work each day. Surveys will be repeated after any subsequent delay of work of three or more days (during which the birds may attempt to nest).
4.

If a nest is identified within a radius of 150 feet of the project area, or a previously undiscovered nest is found within the 150-foot radius after work begins, all work shall cease and the USFWS and the Department of Land and Natural Resources Division of Fish and Wildlife (DOFAW) Kaua'i will be contacted immediately for further guidance.
5.

There shall be no feeding of birds or dogs on the project site.
6.

In areas where known presence of nēnē or Hawaiian waterbirds (Hawaiian stilt, Hawaiian coot, Hawaiian common gallinule, or the Hawaiian duck) occurs, post implement and enforce reduced speed limits to inform project personnel and Contractors of the presence of these endangered species on-site.
7.

Because water resources occur in the vicinity of the project site, employ USFWS Best Management Practices for Work in Aquatic Environments.
8.

If any Hawaiian waterbirds are present during construction activities, then all activities within 100 feet shall cease and the bird shall not be approached. Do not conducted potentially disruptive activities or habitat alteration within this buffer. Work may only continue after the bird leaves the area of its own accord.
9.

No streetlights shall be installed as part of the project.
10.

As directed by the Engineer, the Contractor shall conduct additional training classes during the project to update all employees, subcontractors, suppliers, HDOT personnel and other personnel on new and/or updated information regarding the protection of seabirds and seabird fallout.
11.

All temporary lights used for night work (between sunset and sunrise) shall contain less than 2% wavelengths less than 550 nm, be downward-facing and shielded so the bulb can only be seen from below bulb height. Temporary lights shall include but are not limited to flood lights, light towers, lights for construction equipment and other lights as determined by the Engineer. All traffic control devices, including
- warning lights, arrow boards, portable changeable message sign and other lighting device as determined by the Engineer shall be shielded.

12.

Night work and the use of all temporary lights shall cease during the peak fallout period from September 15 through December 15.

13.

Automatic motion sensor switches and controls shall be installed on all outdoor lights, or all outdoor lights shall be turned off when human activity is not occurring in the lighted area.

14.

The Contractor shall furnish and maintain a small (approximately 10" x 12" x 19"), portable cat kennel on site to temporarily hold a downed seabird. The Contractor shall obtain acceptance of the cat kennel from the Engineer prior to use.

15.

If a downed dead seabird is found, the Contractor shall contact the U.S. Fish and Wildlife Service (Ms. Megan Laut at 808-792-9400) within 24 hours.

16.

If the downed seabird is alive, the Contractor shall:

a.

Pick up the seabird from behind as soon as possible using a clean towel, t-shirt or cloth by gently wrapping it around its back and wings.

b.

Place the seabird in the cat kennel and immediately contact the Save Our Shearwater program (Ms. Heather Young, Coordinator at 808-246-4348) for further instructions on where to deliver the seabird.

c.

Deliver the seabird to the location determined by the coordinator of the Save Our Shearwater program and as directed by the Engineer.

d.

Keep the seabird in a cool, quiet location and out of direct sunlight with adequate ventilation.

e.

The Contractor shall not feed, provide water, handle or release the seabird.

17.

The Contractor shall maintain records of all downed seabirds for the duration of the project. The records shall include the date, time, location and condition (dead or alive) the seabird was found and delivered. Submit a copy of the records to the Engineer after finding each and every downed seabird.
-
- THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

WILSON OKAMOTO CORPORATION
APRIL 30, 2024
LIC. EXP. DATE
- STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HISTORICAL PRESERVATION
AND PROTECTION NOTES

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2A
MILE POST 11.5 TO MILE POST 14.0
Federal-Aid Project No. STP-0550(005)
Scale: None Date: August 2022

SHEET No. 1 OF 2 SHEETS
- SURVEY PLOTTED BY
DATE
DESIGNED BY
QUANTITIES BY
CHECKED BY

ORIGINAL PLAN
NOTE BOOK
No.
- WATER QUALITY AND AQUATIC BIOTA PROTECTION NOTES
1.

Minimize turbidity and siltation from project-related work. Use effective silt containment devices and curtail work during adverse weather conditions.

2.

Prior to use, clean pollutants from all project-related materials and equipment (dredges, barges, backholes, etc.) that will be placed in the water.

3.

No stockpiling of project-related materials (fill, revetment rock, pipe, etc.) in the water.

4.

Dispose of all debris removed from aquatic environments at an approved upland or ocean dumping site.

5.

Prevent contamination (trash or debris disposal, non-native species introductions, attraction of non-native pests, etc.) of aquatic habitants
- 11/07/22

Revised Engineer's Stamp

DATE

REVISION
- COPY OF ORIGINAL TRACING
- ADD 10

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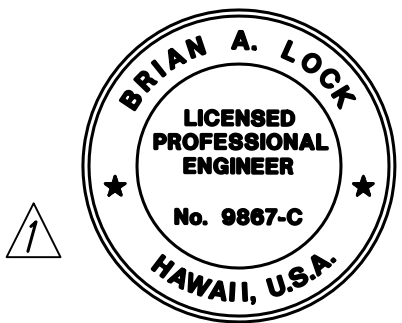
MAMALLIAN RESOURCES PROTECTION NOTES

1. There shall be no disturbance, removal or trimming of woody plants greater than 15 feet tall during the bat birthing and pup rearing season (June 1 through September 15).
2. Barbed wire shall not be used for fencing.

BIOLOGICAL RESOURCES NOTES

1. Minimize the movement of plant or soil material between work sites. Consult with the Kauai Invasive Species Committee (KISC) at (808) 821-1490 to learn of any high-risk invasive species in the area and ways to mitigate spread.
2. All equipment, materials, and personnel should be cleaned of excess soil and debris to minimize the risk of spreading invasive species. Gear that may contain soil, such as work boots and vehicles, should be thoroughly cleaned with water and sprayed with 70% alcohol solution to prevent the spread of Rapid Ohia Death and other harmful fungal pathogens.
3. The information and guidance at <https://cms.ctahr.hawaii.edu/rod> shall be reviewed and followed if ohia trees are present and will be removed, trimmed, or potentially injured.
4. Prior to commencing work, a survey for rare and endangered plants shall be conducted in all proposed construction areas taking place beyond the ROW. If any listed species are found, please notify DOFAW at (808) 587-0166.
5. No koa trees shall be removed.
6. Two species of sandalwood (*Santalum freyenetianum* and *S. ellipticum*) occur in very limited abundance within the project area. Removal of these species of sandalwood shall be avoided.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
No.		



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

WILSON OKAMOTO CORPORATION
APRIL 30, 2024
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**HISTORICAL PRESERVATION
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KOKEE ROAD IMPROVEMENTS, PHASE 2A
MILE POST 11.5 TO MILE POST 14.0
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11/07/22	Revised Engineer's Stamp
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