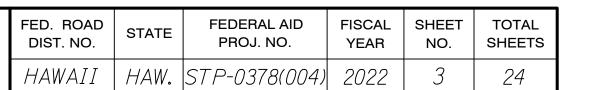
GENERAL NOTES

- 1. The scope of work for this project consists of the removal of specified invasive plants and the restoration plantings of native plants, including providing supplemental watering during the establishment period. Plant removal limits shall be verified with Engineer prior to removal.
- 2. Subsection 105.16(A) Subcontract Requirements requires the Contractor to perform work amounting to not less than 30 percent of the total contract cost less deductible items.
- 3. The Contractor's attention is directed to the following Sections of the Standard Specifications and the Special Provisions: Subsection 104.09 Maintenance of Traffic; Subsection 105.09 Coordination Between the Contractors; Subsection 107.06 Contractor Duty Regarding Public Convenience; Subsection 107.12 Protection of Persons and Property; and Section 645 Work Zone Traffic Control.
- 4. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
- 5. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data, but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans, in areas where work, such as the placement of sign posts, traffic signal conduits, etc. may affect these properties. Toning shall be considered incidental to the various contract items and will not be paid for seperately. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- 6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
- 7. The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities and existing structures from damages due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.
- 8. Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the Contract and will not be paid for separately.
- 9. The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to the Contract and will not be paid for separately.
- O. All activities, including site surveys, risk introduction of nonnative species into project areas. Plant or soil material from off-island sources is not allowed. Specific attention needs to be made to ensure that all equipment, personnel, and supplies are properly checked and are free of contamination (weed seeds, organic matter, fungal pathogens or other contaminants) before entering project areas.

 Quarantines and/or management activities occurring on specific priority invasive species proximal to project areas need to be considered or adequately addressed.



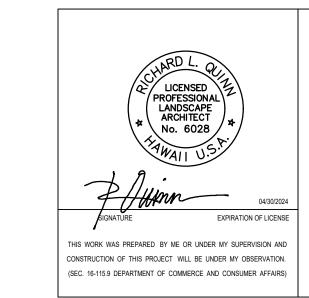
- 11. Propagated plants meant for outplanting should be sourced from Haleakala to the greatest extent possible since contact to wild remaining contigous plants is expected.
- 12. All equipment, materials, and personnel should be cleaned of excess soil and debris to minimize the risk of spreading invasive 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.

PUBLIC HEALTH, SAFETY, AND CONVENIENCE NOTES:

- 1. The Contractor shall observe and comply with all Federal, State, and Local laws required for the protection of public health and safety and environmental quality.
- 2.. The Contractor, at his own expense, shall keep the project and its surrounding areas free from dust nuisance. The work shall be in conformance with the air pollution standards and regulations of the State Department of Health. The County may require supplementary measures as necessary.
- 3. The Contractor is to comply with the directions of the State of Hawaii Occupational Safety and Health Law (HIOSH).

HISTORICAL PRESERVATION NOTES:

Should historic remains such as artifacts, burials, concentrations of shell or charcoal be encountered during construction activities, work shall cease immediately in the immediate vicinity of the find, and the find shall be protected from further damage. The Contractor shall cordon off the area and immediately notify the Planning Department at (808) 270-7735 and the State Historic Preservation Division at (808) 692-8015, which will assess the significance of the find and recommend the appropriate mitigation measures if necessary. In addition, if human burial are found, the Contractor shall immediately notify the County of Maui Police Department.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

<u>GENERAL NOTES</u>

<u>HALEAKALA CRATER ROAD</u> <u>LANDSCAPE RESTORATION</u>

Federal-Aid Project No. STP-0378(004)
Scale: As Noted Date: Aug. 2021

SHEET No. 3 OF 24 SHEETS

PROTECTION OF ENDANGERED SPECIES

1. Construction work in the project site may affect the following federally listed species: Hawaiian goose (Branta sandvicensis); Hawaiian hoary bat (Lasiurus cinereus semotus); and Hawaiian forest bird (Drepanis coccinea); and Hawaiian sea birds. Comply with the following conditions before beginning work and see specific notes for each species below. Inform all project personnel about the presence of endangered species on site.

2. HAWAIIAN GOOSE

To avoid and minimize potential project impacts to the Hawaiian goose, the following measures shall be followed:

-Do not approach, feed, or disturb the Hawaiian goose.

-If the Hawaiian goose are observed loafing or foraging within the project area prior to or during construction, work will be halted and a biologist familiar with the nesting behavior of the Hawaiian goose will survey for nests in and around the project area prior to resuming any work. Repeat surveys after any subsequent delay of work of 3 or more days (during which the birds may attempt to nest).

-When nests are found within a radius of 150 ft of proposed work, or if previously undiscovered nests are found within said radius after work begins, cease all work immediately and contact the Fish and Wildlife Service for further guidance.

3. HAWAIIAN HOARY BAT

To avoid and minimize potential project impacts to the Hawaiian Hoary Bat, the following measures shall be followed:

-Site clearing, including trimming and removal of woody plants greater than 15-ft tall will not occur during the bat birthing and pup-rearing season (June 1 through September 15). No barbed wire fencing will be used or installed as part of the project.

4. IIWI (HAWAIIAN FOREST BIRD)

To avoid and minimize potential project impacts to the liwi the following measures shall be followed:

-No removal of tree cover during the peak breeding season (January 1 through June 30).

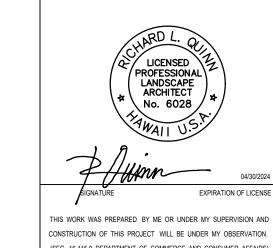
-Loud activities shall be avoided, including loud construction and management activities (i.e, use of chainsaws or heavy equipment), during the peak breeding season (January 1 through June 30).

FEDERAL AID FISCAL SHEET TOTAL FED. ROAD STATE DIST. NO. PROJ. NO. NO. SHEETS HAWAII | HAW. | STP-0378(004) | 2022 |

5. HAWAIIAN SEA BIRD

To avoid and minimize potential project impacts to Hawaiian seabirds the following measures shall be followed:

-No night work is allowed. If night work is required during seabird fledging season between September 15 and December 15, contact the Fish and Wildlife Service prior to implementation.



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

GENERAL NOTES

HALEAKALA CRATER ROAD LANDSCAPE RESTORATION

Federal-Aid Project No. STP-0378(004)

SHEET No. 4 OF 24 SHEETS

