

GENERAL NOTES

1. The scope of work for this project includes installing pavement markings, traffic signs, milled rumble strips and replacing guardrail and end treatment.
2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
3. The Contractor's attention is directed to the following Sections of the Special Provisions: 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 be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
6. All lanes shall be open to traffic during the hours from 6:30 A.M. to 8:00 P.M. Only one lane of highway shall be closed at any other time. Night time working hours are specified in Section 107 of the Special Provisions. Failure of the Contractor to open all lanes of traffic during these times will be subject to fees specified in Section 108.09 of the Special Provisions.
7. 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 any culvert work or the various contract items and will not be paid for separately.
8. 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 bulk of work or the various contract items and will not be paid for separately.
9. The Contractor shall provide and maintain for access to and from all existing driveways, sidewalks and ADA access routes, and side streets and cross streets at all times. This work shall be considered incidental to curb ramps, or sidewalk, or the various contract items and will not be paid for separately.
10. The Contractor shall provide and maintain a temporary pedestrian-safe and easily accessible route or detour with barricades in or near the work zone. This work shall be incidental to the various contract items and will not be paid for separately.
11. Woody plants greater than 15 feet tall should not be disturbed, removed or trimmed during the Hawaiian Hoary Bat birthing and pup rearing season (June 1 through September 15). Site clearing should be timed to avoid disturbance to breeding Hawaiian Hoary Bats.

12. Water birds Hawaiian Stilt and Nene may be present in the vicinity of the proposed project site. If a nest is discovered at any point during construction, the Contractor shall notify the Department of Forestry and Wildlife (DOFAW) at (808) 587-4148. If a bird is present during ongoing activities, activities within 100 feet of the bird shall cease and the bird shall not be approached. Work may continue after the bird leaves the area of its own accord.
13. Removal of plants greater than 1 meter in height shall be conducted during the dry season (May through September). Prior to removing plants with tree tobacco that are taller than 1 meter in height or disturbing the ground around or within several meters of these plants, the Contractor shall check thoroughly for the presence of Blackburn's Sphinx moth eggs and larvae. If found, the Contractor shall contact DOFAW, at (808) 587-4148.
14. If lighting of the work area is required, all lights shall be shielded (minimum light spill towards the sky) and directed downwards to the maximum extent practicable.

LEGEND

- e— Existing Electrical Line
 °jp Existing Joint Pole
 °pp Existing Power Pole
 °emh Existing Electric Manhole
—t— Existing Telephone Line
 °tp Existing Telephone Pole
 °tmh Existing Telephone Manhole
—sc— Existing Signal Corps Line
—tv— Existing TV Cable
—s.i.c.— Existing Sandwich Isles Communication Line
—w-12— Existing 12" Water Line
 °wmh Existing Water Manhole
 °av Existing Water Air Valve
 °wv Existing Water Valve Box
 °wm Existing Water Meter
 °fh Existing Fire Hydrant
- s-12— Existing Sewer Line
 °smh Existing Sewer Manhole
—g-6— Existing 6" Gas Line
 °gv Existing Gas Valve Box
 °gmh Existing Gas Manhole
 °mon. Existing Monument
-d-24- Existing 24" Drain Line
 °sdmh Existing Storm Drain Manhole
 °gdi Existing Grated Drop Inlet
 °cb Existing Catch Basin
 °sign Existing Traffic Sign
 °hl Existing Highway Lighting Standard
 °hlpb Existing Highway Lighting Pullbox
 °tsp Existing Traffic Signal Pole
 °tspb Existing Traffic Signal Pullbox
Existing Metal Guardrail
New Metal Guardrail

JOYI C. TAN/MOJO

LICENSED PROFESSIONAL ENGINEER

No.11878-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Expiration Date of the License: 04/30/2018

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HONOAPIILANI HIGHWAY

SAFETY IMPROVEMENTS

Vicinity of Ukumehame to Olowalu

Federal Aid Project No. HSIP-030-1(055)

Scale: As Shown

Date: September 2017

SHEET No. 3 OF 25 SHEETS