

GENERAL NOTES:

1. The project includes clearing and grubbing; installing a slope stabilization mesh and ring net system; and securing boulders with mesh or boulder demolition; and temporary traffic signal system and traffic control.

2. The Contractor is reminded of the requirements of Subsection 108.01 – Subletting of Contract, which requires him to perform work to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.

3. The Contractor's attention is directed to the following Sections: Subsection 104.11 – Utilities and Services; Subsection 107.06 – Contractor Duty Regarding Public Convenience; and Section 645 – Work Zone Traffic Control.

4. At the end of each day's work, the Contractor shall remove all equipment and other obstruction 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 separately. 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 provide and maintain for access to and from all existing driveways, sidewalks and ADA access routes complying with ADAAG Section 4.3, and side streets and cross streets at all times. This work shall be considered incidental to various contract items and will not be paid for separately.

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 various contract items 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 bulk of work or the various contract items and will not be paid for separately.

10. Existing pavement within 6 inches of the finish grade in areas to be grassed shall be removed. All other existing pavement which will not be overlaid with new A.C. pavement shall be rooted, plowed, pulverized, or scarified to a minimum depth of 6 inches.

12. Existing facilities and/or pavement to remain which have been damaged by the Contractor shall be restored to its original condition at no cost to the State.

13. All regraded areas and all grassed areas damaged by construction activities shall be planted in accordance with Specifications Section 641 – Hydro–Mulch Seeding.

14. When excavating in close proximity to walls, fences, and other improvements, the Contractor shall protect, support, secure, and take all precautions to prevent damaging these facilities and improvements.

15. The Contractor shall verify the locations and elevations of all existing utility lines and notify respective owners before commencing any excavation work.

16. The Contractor shall notify the Engineer in writing, one (1) working day prior to starting paving operations.

17. No material and/or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations designated in writing and approved by the Engineer. If use of location is approved by the Engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the Kauai district Office at telephone no. (808)241-3000.

18. Contractor shall dispose or deliver any removed material to a location approved by the Engineer at no additional cost to the State.

19. The Contractor shall be held liable for any damages incurred to the existing landscaping to remain as a result of his operations.

20. After the project is completed, except for the grading required in repairing the drainage swale, the Contractor shall restore grades and groundcover within the project limits to a condition equal or better than the existing condition prior to construction.

21. All existing utility/light poles overhead utilities and guy poles/wires shall remain in place and operational. The Contractor shall protect these utilities at all times during construction and shall be held Liable for any damages incurred to the existing utilities as a result of his operations. All damaged portions shall be replaced in accordance with the standards and specifications of the affected utility company at no cost to the State and no delays or extensions of contract time will be allowed as a result of these required repairs.

22. Contractor shall provide temporary rock protection barricades and fencing below all work areas to ensure public safety.
- ABBREVIATIONS:
- |          |   |            |                  |
|----------|---|------------|------------------|
| @        | At                                      | S.E., s.e. | Superelevation   |
| AC, ac   | Asphalt Concrete                        | Sim        | Similar          |
| AB       | Aggregate Base                          | sl         | Street Light     |
| Ⓔ        | Baseline                                | SS         | Stainless Steel  |
| EA       | Each                                    | STA        | Station along Ⓔ  |
| E.G.     | Existing Ground                         | t          | Exist. Telephone |
| es       | Existing Edge of Shoulder               | TYP        | Typical          |
| ep       | Existing Edge of Travel Way             | w          | Exist. Water     |
| EB       | Eastbound                               | w/         | With             |
| ES       | Edge of Shoulder                        |            |                  |
| EP       | Edge of Travel Way                      |            |                  |
| Lt.      | Left of Ⓔ                               |            |                  |
| Max      | Maximum                                 |            |                  |
| Min      | Minimum                                 |            |                  |
| M.L.     | Matchline                               |            |                  |
| ST. MON. | Street Monument                         |            |                  |
| NTS      | Not to Scale                            |            |                  |
| o.c.     | On Center                               |            |                  |
| PC       | Point of Curvature                      |            |                  |
| PCC      | Point of Compound Curve (for Alignment) |            |                  |
| PI       | Point on Intersection                   |            |                  |
| POC      | Point on Curvature                      |            |                  |
| POT      | Point on Tangent                        |            |                  |
| PT       | Point of Tangency                       |            |                  |
| R        | Radius                                  |            |                  |
| R/W      | Right-of-Way                            |            |                  |
| Rt.      | Right of Ⓔ                              |            |                  |
- LEGEND
- |               |                   |
|---------------|-------------------|
| — — — —       | Right-of-Way      |
| ==d30==       | Drain Pipe        |
| — □ — □ — □ — | Guardrail, Type 3 |
| — • — • — • — | Silt Fence        |
| — — — — —     | Utility           |
- PUBLIC HEALTH, SAFETY, AND CONVENIENCE:
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. Contractor shall provide, install and maintain all necessary signs, lights, flares, barricades, markers, cones, and other protective facilities and shall take all necessary precautions for the protection, convenience, and safety of the public.
- DATE

DESIGNED BY

CHECKED BY

NO.

SURVEY PLOTTED BY

DRAWN BY

TRACED BY

NOTE BOOK
- EARTH TECH | AECOM
- 
- STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES

KUHIO HIGHWAY SLOPE STABILIZATION  
VICINITY OF HANAIEI BRIDGE  
PROJECT NO. 560A-02-03

Scale: As Noted

Date: July 2009

SHEET No. 1 OF 1 SHEETS
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