

GENERAL NOTES:

- DATE

SURVEY PLOTTED BY

ORIGINAL PLAN

DESIGNED BY

TRACED BY

NOTE BOOK

QUANTITIES BY

CHECKED BY

Nº

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1. The scope of work for this project includes tree removals; slope scaling; installing draped and anchored wire mesh; installing chain link fencing; removing metal barriers; cleaning culverts and drainage structures; cold planing; resurfacing; and installing new pavement markings and markers.

2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts which requires the Contractor to perform work amounting 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 of the Standard Specifications: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.11 - Utilities and Services; 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 Contractor shall provide 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 the various contract items, and will not be paid for separately.

6. 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.

7. The Contractor shall verify the presence of existing overhead and underground utilities which may conflict with construction activities and shall coordinate with the utility company for temporary relocation, as necessary. All costs associated with temporary relocations shall be borne by the Contractor.

8. All existing utilities, whether or not shown on the plans, shall be protected at all times by the Contractor during construction unless specified on the plans to be abandoned. All existing utility/light poles, overhead utilities and guy poles/wires shall remain in place and operational. The Contractor 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. No delays or extensions of contract time will be allowed as a result of these required repairs.

9. Existing drainage system shall be kept 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 various contract items.

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

11. All graded areas and all grassed areas damaged by construction activities shall be planted in accordance with Specifications Section 641 - Hydro-Mulch Seeding. This work is considered incidental to the various contract items.

12. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
13. Contractor shall use Hawaii-licensed Surveyors to stake right-of-way boundaries. Use survey monuments, stake boundary corners and every 500 feet of boundary. Engineer will not pay separately for surveying and will consider the cost as incidental in the contract cost for the various contract pay items.

14. All Asphalt Concrete materials from cold planing, reconstruction and roadway excavation operations shall be properly disposed at an authorized facility.

15. Smooth riding connections shall be constructed at all limits of project, including the beginning and end of project, connecting approaches, side streets, and driveways as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to HMA Pavement Mix No. IV and will not be paid for separately.

16. All saw cutting work shall be considered incidental to HMA Pavement, Mix No. IV and will not be paid for separately.

17. The Contractor shall remove and dispose of all existing raised pavement markers and traffic tapes prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to HMA Pavement, Mix No. IV and will not be paid for separately.

18. After completion of resurfacing, the Contractor and the Engineer will test for, and determine ponding areas (i.e. low spots within the resurfaced area). It shall be the responsibility of the Contractor to correct and resurface and/or repair all such ponding areas.

19. No material and/or equipment shall be stockpiled or otherwise stored within the 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 State Highways Division at telephone no. 241-3000.

20. Trimming and dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. Suitable materials shall include materials from roadway excavation, including topsoil and base material therefrom, and if necessary, additional materials from borrow outside the limits of the right of way. Asphalt Concrete removed from cold planing, reconstruction and roadway excavation shall not be used for dressing of shoulder. This work shall be considered incidental to the various contract items.

21. Pursuant to Chapter 6E, HRS, in the event any artifacts or human remains are uncovered during construction operations, the Contractor shall immediately suspend work and notify the State Department of Land and Natural Resources - Historic Preservation Division (ph. 808-692-8015), and Kauai Police Department (ph. 241-1711).

22. The Contractor shall obtain variances to a Community Noise permit secured by DOT from the State Department of Health, Noise and Radiation Branch, 591 Ala Moana Blvd., Room 136, Honolulu, HI 96813-2498; Telephone No. 586-4700. This shall be considered incidental to the various contract items and will not be paid for separately.

23.

24. The project site is traversed by one endangered endemic bird, the Hawaiian Petrel, and one threatened endemic bird, the Newell's Shearwater. To reduce the possibility that these nocturnally flying birds may become disoriented and downed by construction lighting, nighttime construction will be prohibited between September 15 and December 15.
25. Contractor shall make every attempt to limit lane closures during the daytime and conform to Subsection 645.03(G) Lane Closure. No lane closures are allowed from December 15th to January 5th.

26. The Contractor shall clean and remove accumulation of slash and construction debris along the roadside within 10 feet of the edge of paved shoulder (es). This work shall be considered incidental to the various contract items and will not be paid for separately.

27. Contractor shall cease pruning or clearing of trees taller than 15 feet from June 1st to September 15th.

28. Remove and herbicide the cut stump of all Albizia Trees (Falcataria moluccana), African Tulip Trees (Spathodea campaniata), Octopus Trees (Schefflera actinophylla), Parasol Leaf Trees (Macaranga tanarius), and Bingabing Trees (Macaranga maappa).

29. Chipping and grinding of trees is allowed as noise permit allows. Felled logs and debris shall be disposed of outside the right-of-way on approved site. Cut stumps as close to ground as possible. Herbicide all tree stumps with Pathfinder 11 using the cut stump method.

30.

31. All workers within the State right-of-way who are exposed to either vehicles using the roadway or to construction equipment shall wear high-visibility safety apparel that meets the Performance Class 2 or 3 requirements of ANSI/ISEA 107-2004. "Workers" is defined as people on foot whose duties place them within the State right-of-way, such as, but not limited to construction and maintenance forces, equipment operators, survey crews, utility crews, responders to incidents (e.g., EMT and firemen), and law enforcement personnel directing traffic, investigating accidents, handling lane closures and obstructed roadways.

32. Any work specified in the contract documents, but not listed separately in the Proposal Schedule, shall be considered incidental to the various contract items and shall not be paid for separately.
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|---------------------|-------|-----------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | ER-16(003)            | 2020        | ADD. 3    | 48           |
- |          |   |
|----------|---|
| 10/18/19 | <div></div> Deleted Notes 23, 30 and Revised Note 29. |
| Date     | Revision  |
- RANDALL M. URASIMKI

LICENSED PROFESSIONAL ENGINEER

No. 7289-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature

04/30/20

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

GENERAL NOTES

KUHIO HIGHWAY

Emergency Slope Stabilization

in the Vicinity of Kalihiwai Bridge

Federal-Aid Project No. ER-16(003)

Scale: None

Date: July 2019

SHEET No. N-2 OF 7 SHEETS

ADD. 3