

GENERAL NOTES

1. The scope of work for this project includes replacing the piers and beams, removing the existing piers and foundations, installing bearing pads, guardrail end post connections, metal guardrails, signing and striping, curb ramp, and spall and crack repair at Wailua River Bridge.
2. All construction and repair work shall be in conformance with these plans and the Hawaii Standard Specifications for Road and Bridge Construction, 2005" as amended.
3. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
4. The Contractor's attention is directed to the following Sections of the Standard Specifications: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.12 - Protection of Persons and Property; and Section 645 - Work Zone Traffic Control.
5. 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.
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. Prior to beginning work on the project, the Contractor shall request toning of utilities from One Call Center, phone 811 or 1-866-423-7287.
8. Contractor shall utilize a physical barrier system to prevent 100% of debris and pollutants from entering the Wailua River, its banks and waters of the U.S. Details for debris and pollutant barrier system, and comprehensive site-specific BMP plan for the project shall be submitted to the Engineer for review and acceptance minimum 2 weeks prior to starting work. Refer to Section 209 - Temporary Water Pollution, Dust, and Erosion Control for additional requirements.
9. Contractor shall submit detailed plans and structural calculations for work access platform including load capacity to the Engineer for review and acceptance, 2 weeks prior to start of work. This submittal shall be stamped by a Hawaii-licensed structural engineer.
10. The Contractor is required to obtain a Permit to Perform Work Upon State Highways, and to attend a pre-construction meeting at Kauai District Office.
11. Prior to beginning work operations, the Contractor shall arrange to perform a site visit in conjunction with the State Highway's Engineer and Project Design Consultant Engineer at the bridge site. This site shall be considered incidental to the lump sum bid price of the contract.
12. Lane closure of Kuhio Highway will not be allowed during contra-flow operation hours of 5:30 a.m. to 11:00 a.m., weekdays. Work performed between 8:00 p.m. and 5:00 a.m. of the following day is considered night work.
13. Contractor shall exercise extreme care when working with large equipments adjacent to overhead utility lines and highway traffic; and is reminded of the requirements of Subsection 107.11 - Safety: Accident Prevention.
14. 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.

15. 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. 808-241-3000.
16. Project construction-related materials (paint, steel members, concrete mix, etc.) should not be stockpiled in, or in close proximity to aquatic habitats and should be protected from erosion (e.g., with filter fabric, etc.), to prevent materials from being carried into Waters of the U.S. by wind, rain, or high surf.
17. 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).
18. 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 with 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.
19. Plans do not indicate complete existing conditions. Contractor shall visit jobsite to become familiar with all existing conditions and extent of demolition and new work prior to the start of work.
20. Prior to the start of work, Contractor shall visit jobsite and report any discrepancies and/or differences in drawings, with respect to existing conditions, to the Engineer.
21. Contractor shall resolve all discrepancies and questions prior to start of work. No extra payment shall be allowed on account of work made necessary by Contractor's failure to visit the jobsite and/or failure to resolve discrepancies and questions.
22. The Contractor is to comply with the directions of the State of Hawaii Occupational Safety and Health Law (DOSH).
23. The Contractor shall verify with the respective utility companies and Government agencies, the locations of all electric, telephone, roadway light, water, sewer, drain, and other lines crossing the project limits.
24. The Contractor shall notify all affected utility companies and Government agencies of their intent to begin construction at least two (2) weeks prior to the start of construction.
25. The location of overhead and underground facilities shown are from existing records with varying degrees of accuracy and are not guuaranteed as shown. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of underground lines and shall maintain adequate clearance when operating equipment within or under any overhead lines. Any damages to the existing facilities shall be repaired by respective utility company and paid by Contractor.

26. When trench excavation is adjacent to existing structures or facilities, the Contractor is responsible for properly shoring and bracing the excavation and stabilizing the existing ground to render it safe and secure from possible slides, cave-ins, and settlement, and for properly supporting existing structures and facilities with beams, struts, or underpinning to fully protect it from damage.
27. Should it become necessary, any work required to relocate existing utility facilities shall be done by respective utility company. The Contractor shall be responsible for coordination and payment of relocation cost.
28. Contractor shall comply with the requirements of 29 CFR 1926.106 working over or near water.
29. Contractor shall obtain permit to operate rock crushing machine on site.
30. Contractor shall submit a spill prevention plan for work that affects the water and sewer lines to the Engineer for review and approval. Payment for the plan and the equipment, labor and material to accomplish the plan shall be considered incidental to the various Pay Items.

LEGEND

- Existing Metal Guardrail
- Existing Edge of Pavement
- Existing Right of Way
- Existing Property Line
- Existing Right of Way Access Road
- Existing Major Contour
- Existing Minor Contour
- Existing GDI
- Existing Grass or Concrete Swale
- Existing Sewer Line
- Existing Water Line
- Existing Hawaiian Telcom Line
- Existing Sandwich Isles Communications Line

RANDALL M. UHASEKI

LICENSED PROFESSIONAL ENGINEER

No. 7289-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

R. Umilla

SIGNATURE

04/30/22

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

KUHIO HIGHWAY

Repairs to Wailua River Bridge

Fed. Aid Project No. ER-23(001)

Scale: Date: Apr. 2021

SHEET No. G-2 OF 10 SHEETS

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