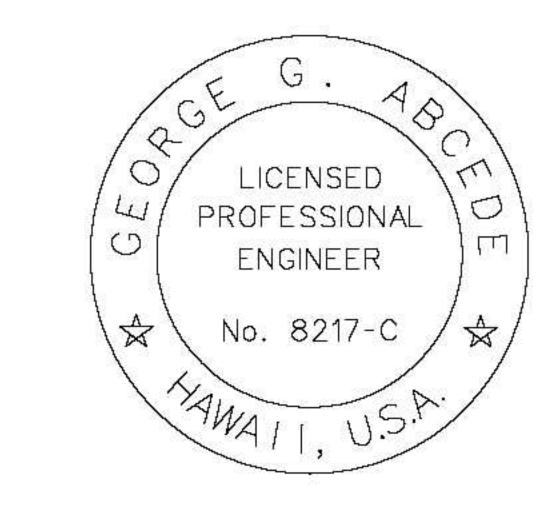
GENERAL NOTES

- 1. The scope of work for this project includes removing existing pavement; hydro-mulch seeding of dressed shoulders; installing rolled curb.
- 2. Contractor to obtain a Right of Entry Agreement with the parcel owner prior to the commencement of work.
- 3. The contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 Contractor Duty Regarding Public Convenience; Subsection 104(1) Utilities and Services; and Section 645 Work Zone Traffic 14. Existing drainage system will be functional at all times during construction. Control.
- 4. Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to various items and shall not be paid separately.
- 5. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting of his operations.
- 6. At the end of each day's work, the Contractor shall remove all equipment and other obstruction to permit free passage of public traffic.
- 7. All lanes shall be open to traffic during the hours of 3:00 PM to 8:00 AM. Only one lane of highway shall be closed at any other time. Night working hours are specified in Section 107 of the Special Provisions. Failure of the Contractor to open all lanes of traffic during the times specified above shall result in assessment of rental fees as specified in Section 108.09 of the Special Provisions.
- 8. 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 ANS/I/SEA 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 enforcements personnel directing traffic, investigating accidents, handling lane closures and obstructed roadways.
- ^{9.} No material 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. 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.
- 10. 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.
- 11. Prior to construction, the Contractor shall contact the various utility agencies for location of existing utilities within the project limits. The Contractor shall locate and protect all existing utilities whether or not shown on the plans. Any cost incurred by damages to existing utilities will be borne by the Contractor. Contractor shall request from One-Call Center, Ph./866-423-7278. The Contractor shall also call the County of Kauai, Department of Water, PH (808) 245-5400 and the Wastewater Division, Ph. (808) 241-6642 for toning waterlines and sewerlines respectively.

- 12. All works of toning, probing, hand digging, and all other means of utility verifications shall not be paid for separately, but shall be considered incidental to the various contract items.
- 13. The Contractor shall provide for access to and from all existing driveways, sidewalk and ADA access routes, and side streets and cross streets at all time. This work shall be considered incidental to the various contract items.
- 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.
- 15. The contractor, at his own expense, shall keep the project area and surrounding area free from dust nuisance.
- 16. Smooth riding connections shall be constructed at all limits of construction including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans.
- 17. The Contractor shall exercise extreme caution to preserve BENCHMARKS (Survey Monuments). Whenever the center of a Survey Monuments is less than three (3) feet from the edge of construction, the Contractor shall retain a Licensed Land Surveyor to reference the location of said Survey Monument. Benchmarks that are disturbed or destroyed shall be restored under a Licensed Land Surveyor 1/32s direction. Copies of field notes, descriptions and new values of the new benchmarks shall be sent to the Department of Transportation, Highways Division, Cadastral Engineering Section, for review and approval prior to construction.
- 18. All new reference survey monuments shall be set under a Licensed land Surveyor's direction. Copies of field notes, descriptions and new values of the new benchmarks shall be sent to the Department of Transportation, Highways Division, Cadastral Engineering Section, for review and approval prior to construction.
- 19. Should historic remains such as artifacts, burials, concentration of shell or charcoal be encountered during construction activities, work shall cease in the immediately vicinity of the find. The Contractor shall immediately notify the Planning Department and the State Historic Preservation Division at (808) 241-3690, which will assess the significance of the find and recommend the appropriate mitigation measures, if necessary.
- 20. The Contractor shall take measures to reduce the spread of invasive species (eg. Rapid Ohia Death) such as by minimizing the movement of plant or soil material between worksites, such as fill. Additionally, all equipment, materials, and personnel should be cleaned of excess soil and debris to minimize the risk of spreading invasive species.
- 21. Removal and disposal of existing pavement shall be considered incidental to the various contract items and will not be paid separately.
- 22. All saw cutting works shall be considered incidental to the various contract items and will not be paid separately.
- 23. The Contractor, at his own expense shall hydro-mulch and maintain per Section 641 Hydro-Mulch Seeding of the HDOT Standard Specification all areas disturbed by his operations.
- 24. Earth swale shall be graded to drain. Graded swales and shoulder shall be grassed. This work shall be considered incidental to the various contract

- 560A-02-22 2023 3 15
- 25. Trimming and dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable materials 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 planning, reconstruction and roadway excavation shall not be used for dressing of shoulders, sidewalk or bus turnout. This work shall be considered incidental to the various contract items.
- 26. The exact locations and limits or areas to be excavated shall be determined in the field by the Engineer.
- 27. All asphalt concrete materials from cold planning, reconstruction and roadway excavation operations shall become the property of the Contractor. The Contractor shall remove and dispose these materials and shall be considered incidental to the various contract items.
- 28. A Road Permit is required from the County "Department of Public Works" for the construction and warning sign installation within County right-of-way. Three (3) sets of the approved plans shall be submitted at the time when the Road Permit is applied for. Additionally, the applicant will need to provide Certificate of Liability Insurance naming the County as additionally insured. This work shall be considered incidental to the various contract items and will not be paid separately.



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

GENERAL NOTES KUHIO HIGHWAY

My License Expires: April 30, 2024

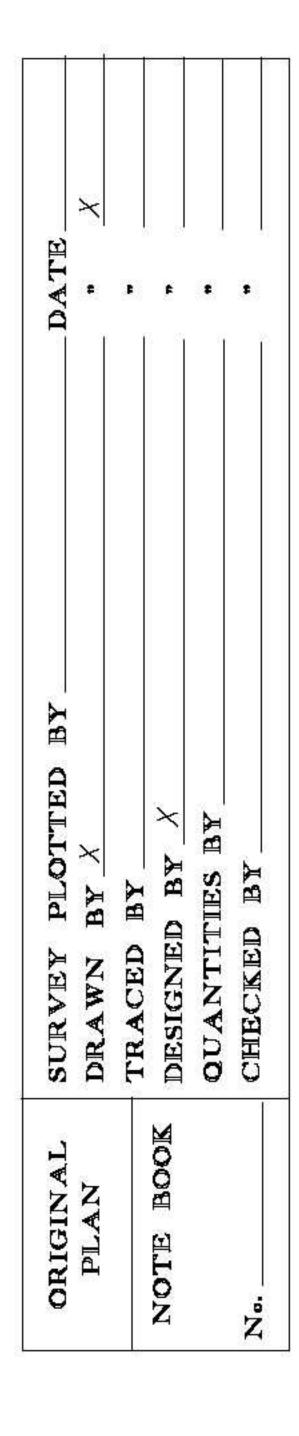
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Nov 2, 2022

Drainage Improvements at Malolo Road Project No. 560A-02-22

SHEET No.

Date: Aug. 2022



SHEETS

NOTES FOR CONSTRUCTION WITHIN COUNTY RIGHT-OF-WAY

- 1. All damaged pavement shall be restored to its original condition in accordance with the most current versions of the "Hawaii Standard Specifications for Road and Bridge Construction" and the "Standard Details for Public Works Construction, September 1984", the "Standard Details for Public Works Construction, City and County of Honolulu, and the Counties of Kauai, Maui, and Hawaii." with 2" inimum Hot Mix Asphalt concrete pavement (State Design Mix V) and 8" minimum base course.
- 2. The 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 and for the convenience and safety of the public traffic. All such protective facilities and precautions to be taken shall conform with the Rules and Regulations G overning the use of Traffic Control Devices at work sites on or adjacent to Public Streets and Highways adopted by the Highway Safety Coordinator and U.S. Federal Highway Administration Manual on Uniform Traffic Control Devices for Streets and Highways dated 2009 and its amendments.
- 3. The Contractor shall, whenever necessary, properly sheet and brace all excavations to render it secure and shall remove all such sheeting and bracing before completion of the backfill for water mains. The minimum cover requirements (from top of pipe to finished grade over pipe) is three (3) feet.

- A. A permit shall be obtained by the Contractor from the Department of Public Works, County of Kauai before work on a public street or highway may begin. Permit fees shall be at the Contractor's expense.
- B. Driveways shall be kept open unless owners of the abutting lots using these right-of-way are otherwise provided for satisfactorily.
- C. All work including repair of damaged pavement and shoulders shall be inspected and approved by the department of public works. All unapproved work shall be considered unacceptable and shall be reworked and corrected as directed by the Department of Public Works, at the Contractor's expense.
- D. Damaged shoulders shall be restored to a condition equal to or better than existing condition.
- E. Work on a public street area may be performed only between the hours of 8:00 a.m. To 3:30 p.m. Monday through Friday, except on holidays recognized by the county of Kauai, unless otherwise permitted in writing by the County Engineer.
- F. During non-working hours, all trenched shall be covered with a safe non-skid bridging material and all lanes shall be opened to public vehicular and pedestrian traffic.
- G. No material and/or equipment shall be stockpiled or otherwise stored within County right-of-way except at locations designated in writing and approved by the County Engineer.
- H. The Contractor shall conduct his operations so as to offer the least possible obstructions and inconvenience to the public and he shall have under construction no greater length or amount of work that he can execute properly with due regard to the rights of the public.
- I. All existing drainage flow conditions shall be maintained.

- 5. The Contractor shall retain the services of a geotechnical engineer for quality control. Certification from the geotechnical engineer shall be submitted to the Department of Public Works at the completion of the construction work. The geotechnical engineer shall certify that the construction work meets the "Standard Specifications". The geotechnical engineer shall also submit test results as requested by the Department of Public Works
- 6. The Contractor shall hold a preconstruction meeting with the Construction -Design sections of the Department of Public Works before commencing any
- 7. The Contractor shall exercise extreme caution to preserve benchmarks (survey monuments) whenever the center of a survey monument is less than three (3) feet from the edge of construction. The contractor shall retain a licensed surveyor to reference the location of said survey monument.
- 8. Benchmarks that are disturbed or destroyed shall be restored under a licensed land surveyor's direction. Copies of field notes, descriptions and new values of the new benchmark shall be sent to the Department of Public Works Survey section for review and approval prior to final acceptance of
- 9. The Contractor shall be responsible for all overtime or night work payments for County's staff and inspection personnel including Consultants when the contract requires overtime or night work to be performed or directs the Contractor to work additional shifts or overtime for County's convenience.
- 10. If system conditions require non-emergency nighttime work during the autumn seabird fall season (September 15 through December 15), use of lighting shall be restricted between 9:00 p.m. To 4:30 a.m. If lighting of the work area is required in such situation, all lights shall be shielded (minimum light spill towards the sky) and directed downwards to the maximum extent practicable. Minimum requirements for lighting by HIOSH and OSHA shall be provided and assured by the contractor. The Contractor shall train all employees working at night (records retained by the contractor) in how to handle any retrieved downed birds and shall have appropriate equipment as approved by Save Our Shearwaters (SOS) on site to hold and transport any retrieved birds to an SOS facility. This requirement does not allow lighting as may be restricted by other government agencies.

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APPROVED:

hinly lule

Nov 14, 2022

For County Engineer, Dept. of Public Works, County of Kaua'i (For Work within County R/W)

> STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION GENERAL NOTES

KUHIO HIGHWAY

Drainage Improvements at Malolo Road Project No. 560A-02-22

SHEET No. OF

man Nov 2, 2022

\☆\ No. 8217-C /☆/

My License Expires: April 30, 2024

THIS WORK WAS PREPARED BY ME

OR UNDER MY SUPERVISION

SHEETS

Date: Sep. 2022

