

ORIGINAL PLAN

NOTE BOOK

DESIGNED BY

QUANTITIES BY

CHECKED BY

SURVEY PLOTTED BY

DATE

DESIGNED BY

QUANTITIES BY

CHECKED BY

DATE

DESIGNED BY

QUANTITIES BY

CHECKED BY

GENERAL NOTES

1. The scope of work for this project includes reconstructing pavement areas; constructing new asphalt concrete pavement; removing and installing existing pavement markers and traffic signs; constructing concrete curb and sidewalk; adjusting water valve.

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: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.11 - Utilities and Services; and Section 645 - Work Zone Traffic Control.

4. Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to other various contract items and shall not be paid for separately.

5. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.

6. 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.

7. All lanes shall be open to traffic during peak hours from 6:30 A.M. to 8:30 A.M., during aftrenoon peak hours from 3:30 P.M. to 6:30 P.M., and during off work hours, Only one lane of highway shall be closed at any ohter time. Night works shall not be allowed on this project. Failure of the Contractor to open all lanes of traffic beyond the allowable lane closure hours specified above shall result in assessment of rental fees as specified in Section 108.09 - Rental Fees for Unauthorized Lane closure or Occupancy. 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 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.

9. 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.

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 costs incurred by damages to existing utilities will be borne by the Contractor. Contractor shall request from One-Call Center, Ph: 1-866-423-7287. The Contractor shall also call the County of Kauai, Department of Water, Ph: 245-5444 and the Wastewater Division, Ph: 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, 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.

14. 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.

15. 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.

16. Smooth riding connections shall be constructed at all limits of resurfacing, including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans.

17. 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 Land Surveyor to reference the location of said Survey Monument. 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 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 values of the new survey monuments 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, concentrations of shell or charcoal be encountered during construction activities, work shall cease immediately in the immediate vicinity of the find. The Contractor shall immediately notify the Planning Department at (808) 241-4050 and State Historic Preservation Division at (808) 692-8015, 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 'Ohi'a 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. All saw cutting work shall be considered incidental to various contract items and will not be paid separately.

22. Earth swale shall be graded to drain. Graded swales and shoulder shall be grassed. This work shall be considered incidental to the various contract items.

23. Trimming and dressing of shoulder, sidewalk and bus turnout 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, sidewalk or bus turnout. This work shall be considered incidental to the various contract items.

24. Prior to his paving operations, the Contractor shall be responsible for locating, preserving and marking all utility & highway facilities that will require adjustments to the new finished pavement grade. Additionally, the Contractor shall submit to the Engineer a list of all items, including water, drainage, sewer, electrical, telephone and cable utilities to be adjusted to the new finished grade.

25. The exact locations and limits or areas to be excavated, reconstructed and cold planed shall be determined in the field by the Engineer.

26. All asphalt concrete materials from cold planing, 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 various contract items.

27. At the end of each day's paving operations, temporary pavement markers and striping shall be in placed prior to leaving the site.

28. Removal and disposal of traffic signs, pavement marking, striping, curb, and sidewalk shall be considered incdental to various contract prices.

29. Milled pavement key shall be considered incdental to various contract prices.

30. Disposal of asphalt concrte pavement and soil material resulted from excavation shall be considered incidental various contract prices.

31. The Engineer will pay for the accepted quantities of bed course for concrete sidewalk at the contract unit price per cubic yard under Pay Item No. 304.0100 - Aggregate Base Course.

FED. ROAD DIST. NO.

STATE

PROJ. NO.

FISCAL YEAR

SHEET NO.

TOTAL SHEETS

HAWAII

HAW.

2023

3

12

LEGEND

Reconstruction Areas

Cold-planing Areas & Resurfacing Limits

Existing Power Pole

Existing Electric Manhole

Adjusted Elec. MH Frame/Cover

Existing Traffic Signal Pullbox

Existing Telephone Manhole

Adjusted Tel. MH Frame/Cover

Existing Telephone Pullbox

Existing 12" Water Line

Existing Water Manhole

Adjusted Water MH Frame/Cover

Existing Water Air Valve

Adjusted Water Air Valve

Existing Water Valve Box

Adjusted Water Valve Box

Existing Water Meter Box

Adjusted Water Meter Box

New Type "X" Water Meter Box

Existing Traffic Sign

New Traffic Sign

Existing Metal Guardrail

New Metal Guardrail

Adjusted and/or Relocated Metal Guardrail

Existing Fire Hydrant

Existing Sewer Line

New 12" Sewer Line

Existing Sewer Manhole

Adjusted Sewer Manhole

New Sewer Manhole

Existing Monument

Adjusted Monument

New Monument

Existing 24" Drain Line

Existing Storm Drain Manhole

Adjusted Storm Drain Manhole

Existing Grated Drop Inlet

New Grated Drop Inlet

Adjusted/Reconstructed Drain Inlet or Replaced Steel Grate

Scale: NA

Date: August 2022

SHEET No. 1

OF 1

SHEETS

3