

SURVEY PLOTTED BY _____ DATE _____
DESIGNED BY X
NOTES BOOK _____
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ORIGINAL PLAN _____
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GENERAL NOTES

The scope of work for this project includes reconstructing weakened pavement areas; cold planing; resurfacing; removing and disposing of existing pavement markers, object markers and, traffic signs;
installing new pavement markers, object markers, traffic signs and milled rumble strip; curb extensions.

The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.

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.

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.

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.

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

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

All lanes shall be open to traffic during the hours from 5:00 AM to 9:00 PM. 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 liquidated damages as specified in Section 108.09 of the Special Provisions.

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 Item No. 401.0410 - PMA Pavement, Mix No. IV and will not be paid separately.

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.

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. All graded and dressed shoulders shall be considered incidental to various contract items and will not be paid separately.

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.

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.

All saw cutting work shall be considered incidental to Item No. 401.0410 - PMA Pavement, Mix No. IV and will not be paid for separately.

Removal and disposal of existing raised pavement markers as directed by the Engineer or shown on the plans, shall be considered incidental to various contract items.

Prior to his resurfacing 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.

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.

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.

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.

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 the various contract items.

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.

Prior to commencing his operations, the Contractor shall contact the County of Kauai, Department of Water Operations Division (Phone No. 245-5444) and make arrangements for the Department to locate and mark the existing water facilities within the project limits, such as waterlines, valve boxes and manhole frame/covers (including ones that may have been inadvertently paved over on previous resurfacing projects). The tops of the existing valve boxes, manhole frame/covers, etc., shall be adjusted to match the new finished grades noted on the construction plans.

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.

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.

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.

FED. ROAD DIST. NO. STATE FED. AID PROJ. NO. FISCAL YEAR SHEET NO. TOTAL SHEETS

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In order to avoid impacts to Hawaiian geese, a biologist familiar with the nesting behavior of the Hawaiian goose survey the area prior to the initiation of any work, or after any subsequent delay in work of three or more days (during which birds may attempt nesting). If a nest is discovered, work should cease immediately and the Contractor shall immediatally notify the office of the U.S. Fish and Wildlife Service at (808) 792-9423 for further guidance. Furthermore, all on-site project personnel should be apprised that Hawaiian geese may be in the vicinity of the project at any time of the year. If a Hawaiian goose (or geese) apeears within 100 feet of ongoing work, all activities should be temporarily suspended until Hawaiiian goose (or geese) leaves the area of its own accord. This work shall be cosidered incidental to Force Account Item No. 671J000 - Protection of Seabirds and will not be paid separately.

LEGEND

X Reconstruction Areas

Cold Planing Areas & Resurfacing Limits

o pp Existing Power Pole

o emh Existing Electric Manhole

o EMH Adjusted Elec. MH Frame/Cover

[] t p b Existing Telephone Pullbox

o tmh Existing Telephone Manhole

o TMH Adjusted Tel. MH Frame/Cover

[] t pb Existing Telephone Pullbox

-w-12- Existing 12" Water Line

o wrmh Existing Water Manhole

o WMH Adjusted Water MH Frame/Cover

o av Existing Water Air Valve

o AV Adjusted Water Air Valve

o wrv Existing Water Valve Box

o WV Adjusted Water Valve Box

o wm Existing Water Meter Box

o WM Adjusted Water Meter Box

[] WM New Type "X" Water Meter Box

b Existing Traffic Sign

B New Traffic Sign

E Existing Metal Guardrail

N New Metal Guardrail

A Adjusted and/or Relocated Metal Guardrail

O fh Existing Fire Hydrant

-d-12- Existing Sewer Line

-S-12- New 12" Sewer Line

o smh Existing Sewer Manhole

o SMH Adjusted Sewer Manhole

o SMH New Sewer Manhole

mon. Existing Monument

MON. Adjusted Monument

MON. New Monument

d--24--- Existing 24" Drain Line

odmh Existing Storm Drain Manhole

SDMH Adjusted Storm Drain Manhole

Gdi Existing Grated Drop Inlet

GDI New Grated Drop Inlet

GDI Adjusted/Reconstructed Drain Inlet or Replaced Steel Gate

4/21/23 [triangle] - Revise Note No. 21

DATE REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KUHIO HIGHWAY RESURFACING Waikaea Bridge to Mailihuna Road Federal-Aid Project No. NH-056-I(063)

Date: April 2023

SHEET No. 1 OF 1 SHEETS

ADD.3