## FED. AID FISCAL SHEET TOTAL PROJ. NO. YEAR NO. SHEETS HAWAII HAW. STP-056-1(42) 1998 3 GENERAL NOTES

- 1. The scope of work for this project includes reconstruction of weakened pavement areas; cold planing of existing pavement; resurfacing; adjusting utility valve boxes and manholes; adjusting and installing centerline and reference survey monuments; dressing of shoulders; and installing, traffic signs and pavement marking.
- The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -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 Contractor shall be responsible for all utility toning at no additional cost to the State.
- The exact locations and limits or areas to be filled with leveling course, reconstructed and cold planed shall be determined in the field by the Engineer.
- All lanes shall be open to traffic during peak hours from 6:30 A.M. to 8:30 A.M., during afternoon peak hours from 3:30 P.M. to 6:00 P.M. and during off work hours. Only one lane of highway shall be closed at any other time. 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 108.08 of the Standard Specifications.
- 8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
- 9. The Contractor shall remove and dispose of all existing raised pavement markers prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
- 10. All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. IV prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. IV.
- 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.
- 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. This work shall be considered incidental to the various contract items.

- Existing drainage system will be functional at all times during construction. The existing drainage system shall be cleared of any debris and vegetation growth obstructing flow. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract
- 14. Earth swales shall be graded to drain. This work shall be considered incidental to the various contract items.
- 15. The Contractor shall provide for access to and from all existing side streets at all times.
- 16. All saw cutting work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
- 17. Install new Type II Object Marker on all utility poles or trees that are within the State Highway Right-of-Way and within 30 feet of the roadway edge of pavement as directed by the Engineer. Refer to Standard Plans TE-17.
- 18. Prior to his resurfacing operations, the Contractor shall be responsible for locating, preserving and marking all utility \$\phighway facilities that will require adjustments to the new finished pavement grade.
- 19. Prior to commencing his resurfacing operations, the Contractor shall contact the County of Kauai's Department of Water Maintenance Branch (Phone No. 245-5544) and make arrangements for Department of Water personnel to "tone" and mark locations of existing valve boxes that may have been inadvertently paved over on previous resurfacing projects. Approximate locations of paved over valve boxes that are to be raised to the new finished grade are noted on the plans.

It shall be the Contractor's responsibility to offset and record locations of the valve boxes as marked by the Dept. of Water for purposes of adjusting the valve boxes to the new finished grades after completion of his resurfacing operations. The Contractor shall preserve all offset stakes marking locations of the valve boxes. If offset stakes are damaged or lost, it shall be the Contractor's sole responsibility to survey and re-stake locations of the valve boxes.

Payment for work involved in locating paved over water valve boxes shall not be paid for separately, but shall be considered incidental to Item No. 604.4550 - Adjusting Water Valve Box Frame and Cover.

- 20. 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.
- 21. No improvements or upgrading on the existing bridge end posts, quardrails and railings shall be conducted during the project.
- 22. Unless otherwise shown on the plans, existing guardrails, posts and terminal ends are to be replaced with new ones, adjusted and/or reconstructed under separate project for guardrail and shoulder improvements.

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\_\_\_\_ New Metal Guardrail

Adjusted Metal Guardrail

	Cold Planing Areas		Existing Sewer Line
	Reconstruction Areas		New 12" Sewer Line Existing Sewer Manhole
	Resurfacing Limits		Adjusted Sewer MH Frame/Cover
e	Existing Electrical Line	•SMH	New Sewer Manhole
°jP	Existing Joint Pole	V	Existing 6" Gas Line
$^{\circ} ho ho$	Existing Power Pole		New 6" Gas Line
_	Existing Electric Manhole	°gv <b>°</b> GV	Existing Gas Valve Box Adjusted Gas Valve Box
EMH	Adjusted Elec. MH Frame/Cover Existing Telephone Line	•GV	New Gas Valve Box
	New Telephone Line	°gmħ	Existing Gas Manhole
$^{\circ}tp$	Existing Telephone Pole	GMH	Adjusted Gas MH Frame/Cover
° tmħ	Existing Telephone Manhole	<sup>®</sup> GMH ◎	New Gas Manhole Existing Manument
	Adjusted Tele. MH Frame/Cover	© <sub>mon.</sub> <b>⊚</b> MON.	Existing Monument  Adjusted Monument
	Existing TV Cable Existing 12" Water Line	MON.	New Monument
	Existing Water Manhole		Existing 24" Drain Line
WMH	Adjusted Water MH Frame/Cover		Existing Storm Drain Manhole
°av	Existing Water Air Valve		Adjusted Storm Drain MH Frame/Cover
AV	Adjusted Water Air Valve  Existing Water Valve Box	<sup>⊟</sup> gdi	Existing Grated Drop Inlet
°w√ °w∨	Adjusted Water Valve Box	cb	Existing Catch Basin
$\Box wv$	Existing Water Meter	þ	Existing Traffic Sign  Existing Viebury Lighting Standard
<b>™</b> V	Adjusted Water Meter	Y	Existing Highway Lighting Standard
-b-fn	Existing Fire Hydrant	========	Existing 6" Underdrain
$\square_{co}$	Adjusted Subdrain Cleanout		exist. 6" ud
	Existing Metal Guardrail		

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

## GENERAL NOTES AND LEGEND

KUHIO HIGHWAY REHABILITATION Wailapa Road to Vicinity of Koolau Road Federal Aid Proj. No. STP-056-1(42)

Date: May, 1998

*35* 

SHEET No. 1 OF 1 SHEETS

