

GENERAL NOTES

1. The scope of work for this project consists of reconstructing weakened pavement areas, cold planing, resurfacing existing pavement, upgrading bridge end posts and grates, adjusting monuments, manholes, meters and valve boxes, installing guardrails and pavement markings.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. The Contractor shall notify in writing, the Oahu Transit Services, Inc. Roads Supervision Office, 811 Middle St., Honolulu, HI 96819 (ph. #848-4571) seven (7) days prior to any paving operations.
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. V 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. V prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. V.
11. 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 and/or as directed by the Engineer.
12. Dressing of shoulder, 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.
13. Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.

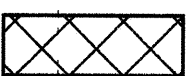
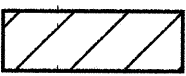
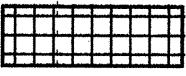





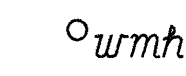







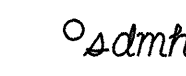
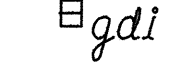







14. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
15. The Contractor shall provide for access to and from all existing side streets at all times.
16. All saw cutting work shall be considered incidental to Excavation for Reconstruction of Weakened Pavement Areas.

COLD PLANING NOTES

1. Prior to cold planing over an existing structure, the Contractor shall determine the actual depth of the existing asphalt concrete pavement. The Contractor shall take several cross section measurements throughout the structure. If the thickness of the existing pavement is less than the proposed resurfacing thickness, the Contractor shall remove the existing pavement to the level of the structure and resurface to the original thickness. This work shall be considered incidental to cold planing, and will not be paid for separately.
2. In cold planing the pavement over a structure, the Contractor shall exercise care not to damage any portion of the structure, especially the slab, joints, drain pipes or reinforcement. Any damage to the structure during the cold planing operations shall be repaired by he Contractor at his own expense . Repair work shall be as directed by the Engineer. The Contractor shall verify the existing pavement thickness by hand digging at various locations. This work shall be considered incidental to cold planing, and will not be paid for separately.
3. Exposure of existing aggregate base is expected when cold planing deeper than 4 inches. The Contractor shall pave over exposed existing aggregate base with the new Base Course at the end of each day. Contractor shall compact the existing aggregate base in accordance with Section 304-Aggregate Base Course and apply Prime Coat in accordance with Section 408 - Prime Coat, prior to laying the New Base Course. This work shall be considered incidental to the new Base Course, and will not be paid for separately.
4. The vertical pavement drop-off shall not exceed 3-inches. If a vertical pavement drop-off exists at the end of each day's cold planing and paving, the Contractor shall provide a wedge with a 48:1 minimum transition taper for transverse drop-off and no steeper than 6:1 for longitudinal drop-off, as approved by the Engineer. This work shall be considered incidental to Cold Planing.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83D-01-96M	1996	3	50

LEGEND

	Reconstruction Areas
	Leveling Areas
	Cold Planing Areas
	Resurfacing Limits
	Existing Joint Pole
	Existing Guy Pole
	Existing Electric Box
	Existing Telephone Box
	Existing 12" Water Line
	Existing Water Manhole
	Adjusted Water MH Frame/Cover
	Existing Water Valve
	Adjusted Water Valve
	Existing Water Meter
	Adjusted Water Meter
	Existing Fire Hydrant
	Existing Centerline Monument
	Existing State Survey Monument
	Adjusted Monument
	Existing Storm Drain Manhole
	Existing Grated Drop Inlet
	Existing Traffic Sign
	Existing Single Metal Guardrail
	New Single Metal Guardrail
	Abandoned Buried JTS. Cable

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	15-29-96
NOTED	TRACED BY	
NOTED	DESIGNED BY	
NOTED	CHECKED BY	
NOTED	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KAMEHAMEHA HIGHWAY RESURFACING
Crouching Lion to Makao Road
Project No. 83D-01-96M

Date: Mar., 1996

SHEET No. 1 OF 2 SHEETS