

GENERAL NOTES

1.

The scope of work for this project consists of resurfacing, cold planing, reconstruction of weakened pavement areas, utility adjustment, installing pavement markings and striping, removing and installing signs and loop detectors.
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 30 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., Hon., 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, 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.
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 access to and from all existing side streets, private and commercial driveways at all times.
16.

All saw cutting work will not be measured or paid for separately, but shall be incidental to the various contract items.
17.

Contractor shall dispose or deliver any removed material at no cost to the State.
18.

Contractor shall exercise caution when cold planing over existing structures.
19.

The Contractor is to take special measures to reduce dust from cold planing operations including but not limited to use of water misters on cold planing equipment and vacuum sweepers. Use of power brooms to sweep road is not allowed if a dust nuisance is created.
20.

The Contractor shall be held liable for any damages incurred to the existing utilities as a result of his operations. All damaged portions shall be replaced in accordance with the standards and specifications of the affected utility company at the Contractor's expense.
21.

Tack coat shall be incidental to the various Asphalt Concrete Pavement Items.
22.

After the project is completed, the Contractor shall restore grades and groundcover within the project limits to a condition equal or better than the existing condition prior to construction.
23.

The Contractor shall obtain all necessary permits prior to start of work at his own cost.
24.

All work shall be done at night. The Contractor shall follow all work hours, conditions and other restrictions as specified in the approved noise variance.
25.

The Contractor shall submit maintenance plans and schedules, including traffic detours, road or lane cousures, lane switches and the placement of temporary traffic control devices, to the Engineer for acceptance prior to Construction.

PAVING AROUND MANHOLES:

1.

The Contractor shall place hot asphalt concrete around manholes and compact properly with a vibrating plate compactor.
2.


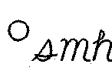


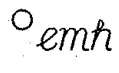


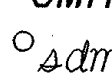
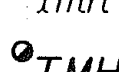

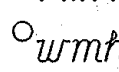
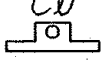

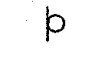
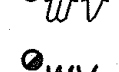

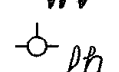
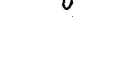

If a plate compactor is not used, the Contractor shall use a pneumatic roller to roll the area around the manhole which is not rolled by the steel roller.
3.

The Contractor shall fog seal or brush emulsion seal on the material placed as backfill on the area around the manhole that was not compacted by the roller. Black sand shall be used to blot out the area if the fog is too heavy.
4.

The Contractor shall first lower manholes more than 1½" prior to cold planing. The work shall be considered incidental to the various paving contract items. Upon final paving, the manhole shall be raised and paid under various contract items pertaining to manhole adjustments.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	80A-01-02M	2003	3	15

LEGEND

	Reconstruction Areas		Existing Sewer Manhole
	Resurfacing Limits		Adjusted Sewer MH Frame/Cover
	Existing Electric Manhole		Existing Gas Manhole
	Adjusted Elec. MH Frame/Cover		Adjusted Gas MH Frame/Cover
	Existing Telephone Manhole		Existing Storm Drain Manhole
	Adjusted Tele. MH Frame/Cover		Adjusted Storm Drain MH Frame/Cover
	Existing Water Manhole		Existing Catch Basin
	Adjusted Water MH Frame/Cover		Existing Traffic Sign
	Existing Water Valve Box		
	Adjusted Water Valve Box		
	Existing Fire Hydrant		

5/6/03	Revise General Note No. 2.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>GENERAL NOTES AND LEGEND</b> KAMEHAMEHA HIGHWAY PAVEMENT PRESERVATION Avocado Street to Kilani Avenue Project No. 80A-01-02M Date: July, 2002	
SHEET No. 1 OF 1 SHEETS	