

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-1(40)	1993	3	20

GENERAL NOTES:

1.

The scope of work for this project consists of resurfacing the existing pavement, reconstructing weakened pavement areas, cold planing, adjusting a street survey monument, constructing bus bays and installing 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 the 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. 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. V prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. IV.
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 excavated 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. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the 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.
17.

A working table of 12" Aggregate Subbase shall be required if the soil conditions warrant its use or as directed by the Engineer.
18.

The Contractor shall notify Oahu Transit Services, Inc., Ed Sniffen (ph. # 848-4571) or Lowell Tom (ph. # 848-4578), two weeks prior to construction, informing of location, scope of work, proposed closure of any street of traffic lanes, and the need to relocate any bus stop.
19.

The Contractor shall cold plane over existing bridge decks. This work shall be considered incidental to Cold Planing.
20.

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 through-out 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.
21.

In cold planing the pavement over the 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 the 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.

LEGEND

- 1½" Cold Planed Areas
- 7½" Reconstruction Areas
- 15" Reconstruction Areas and 12" Working Table
- Transition Cold Planing
- Resurfacing Limits
- °pp

Existing Power Pole
- °lp

Existing Light Pole
- s—

Existing Sewer Line
- w—12"—

Existing Water Line
- sc—

Existing Signal Corps Line
- °arv

Existing Water Air Relief Valve
- °wv

Existing Water Valve Box
- wv

Existing Water Valve Box to be Adjusted
- ✧fh

Existing Fire Hydrant
- °wmh

Existing Water Manhole
- °smh

Existing Sewer Manhole
- °sdmh

Existing Storm Drain Manhole
- sdmh

Existing Storm Drain Manhole Frame/Cover to be adjusted
- ▤gdi

Existing Grated Drop Inlet
- °gte

Existing Telephone Manhole
- gte

Existing Telephone Manhole Frame/Cover to be adjusted
- ▢heco

Existing Hawaiian Electric Co. Box
- ▢htco

Existing Hawaiian Telephone Co. Box
- ▷

Existing Traffic sign
- ⊙
C&C
Mon.

Existing City and County Street Monument

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	DESIGNED BY	
	NOTED BY	
NOTE BOOK No.	QUANTITIES BY	
	CHECKED BY	

6/21/93	Added General Notes 20 and 21.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES AND LEGEND
KALANIANA'OLE HIGHWAY RESURFACING Makapuu Lighthouse Rd. to Blowhole Lookout Fed. Aid Proj. No. STP-072-1(40)
DATE : March, 1993
SHEET No. 1 OF 1 SHEETS