

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-05M	2005	3	27

1.

The scope of work for this project consists of reconstructing weakened pavement areas, cold planing roadway surfaces, resurfacing, installing new guardrails and terminals, installing new headwalls, reconstructing existing grated drop inlets, cleaning existing culverts, installing signs, reflector markers pavement marking and striping and all incidentals necessary to complete this resurfacing work.
2.

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.
3.

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.
4.

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.
5.

Whenever existing concrete gutter is present, the Contractor shall cold plane in front prior to resurfacing to attain smooth transition.
6.

The exact locations and limits or areas to be reconstructed and cold planed shall be determined in the field by the Engineer. Cold planing to be done at side roads and in front of existing concrete gutters shall not be paid for separately but shall be considered incidental to Asphalt Concrete Pavement Mix IV.
7.

The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
8.

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 Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
9.

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.
10.

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.
11.

In cold planing the pavement over the structure, the Contractor shall exercise care not to damage any portion of the structure, especially the structure deck, joints, drain pipes or reinforcement. Any damage to the structure during the cold planing operation 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.

12.

Dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubbing, grading, reshaping the unpaved shoulder, tapering the AC pavement as shown on the plans and/or as directed by the Engineer. This work shall be paid under Asphalt Concrete Pavement Mix No. IV.
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 not be paid for separately but shall be considered incidental to Excavation for Reconstruction of Weakened Pavement Areas.
17.

The exact location and limits of guardrail replacements shall be determined in the field by the Engineer.
18.

The exact limits of new Type 7 Asphalt Gutter shall be determined in the field by the Engineer.
19.

Lane width maybe reduced when directed by the Engineer.
20.

Location of Reconstruction Areas shall be staked out in the field by the Engineer.
21.

Load transfer stations will not be permitted without written approval from the Engineer. Proposal must be submitted at least two (2) weeks prior to commencement of work. Proposal shall include action plan to insure compliance with the requirements of the specifications such as temperature, allowable weight on bridges, material contamination etc..
22.

Materials removed from the culvert cleaning operation shall be disposed of at the Keanae Maintenance Baseyard or as directed by the Engineer.

LEGEND

- Resurfacing Limits
- °pp

Existing Power Pole
- °tp

Existing Telephone Pole
- °wmh

Existing Water Manhole
- °wrv

Existing Water Valve Box
- d--24---

Existing 24" Drain Line
- °sdmh

Existing Storm Drain Manhole
- GDI

New or Reconstructed Grated Drop Inlet
- gdi

Existing Grated Drop Inlet
- cb

Existing Catch Basin
- p

Existing Traffic Sign
- New Traffic Sign
- - - - -

Existing Guardrail
- New Guardrail

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

HONOAPIILANI HIGHWAY RESURFACING
Vicinity of Waikamoi Bridge to Honomanu Bridge
Project No. 360A-02-05M
Date: February, 2005

SHEET No. 1 OF 1 SHEETS