

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11K-01-03M	2003	3	20

LEGEND

- Resurfacing Limits
- °

jp

Existing Joint Pole
- °

pp

Existing Power Pole
- °

ap

Existing Anchor Pole
- °

emh

Existing Electric Manhole
- °

tp

Existing Telephone Pole
- °

tmh

Existing Telephone Manhole
- °

wmh

Existing Water Manhole
- °

wmh

Adjusted Water MH Frame/Cover
- °

wv

Existing Water Valve Box
- °

wv

Adjusted Water Valve Box
- Existing Water Meter
- Adjusted Water Meter
- ⊙

fh

Existing Fire Hydrant
- ⊙

mon.

Existing Monument
- ⊙

MON.

Adjusted Monument
- ⊞

gdi

Existing Grated Drop Inlet
- ⊞

Existing Traffic Sign With 1 Post
- ⊞

New Traffic Sign With 1 Post
- ⊞

Existing Traffic Sign With 2 Posts
- ⊞

New Traffic Sign With 2 Posts
- ⊙

Existing Highway Lighting Standard
- ⊞

lpt

Existing Street Lamp Pullbox
- h

h

h

Existing Single Metal Guardrail
- h

h

h

New Single Metal Guardrail
- Existing Fence

1.

This project consists of cold planing of existing roadway; paving the travelway adjusting and reconstructing reference survey monuments; replacing and installing signs, pavement striping, and reflector markers.
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.

The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
5.

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.
6.

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.
7.

The exact locations and limits or areas to be reconstructed and cold planed shall be determined in the field by the Engineer.
8.

Preformed Pavement Marking Tape shall be removed prior to resurfacing. Removal shall be by scraping, grinding or other method approved by the Engineer. Payment shall be incidental to Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.
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 Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV .
10.

Smooth riding connections shall be constructed at all limits of resurfacing including the beginning and end of project, side streets and driveways as shown on the plans and/or as directed by the Engineer.
11.

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.
12.

Contractor shall provide for access to and from existing side streets and driveways at all times.
13.

All saw cutting work shall be considered incidental to Item No. 401.0400 - Concrete Pavement, Mix No. IV and will not be paid for separately.
14.

Initial preparation of shoulder areas shall be done by the Contractor. Shoulder preparation shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material from roadway reconstruction as shown
- on the plans and/or as directed by the Engineer. Contractor shall also be responsible for finish rolling and maintaining the shoulders until project completion. This work shall be considered incidental to Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.
15.

Unprotected pavement dropoffs greater than 2" shall not be allowed during non-working hours, except where approved by the Engineer in writing.
16.

Public Notice is required for lane closures. Contractor shall submit notice to the Engineer for approval a minimum of three weeks prior to publication. Pre-approval of notice, with dates left blank, is permissible.
17.

Contractor shall mark the backs of all signs using labels and equipment provided by the State. Payment to be incidental to various Contract Items.
18.

Cold-planing of 50-ft. transitions at project limits shall be considered incidental to Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.
19.

Contractor shall maintain at least one paved shoulder free and clear of debris for pedestrian and bicycle traffic at all times.
20.

The Contractor's attention is called to Subsection 407.03 requiring undiluted tack coat be applied prior to paving.
21.

Excavated materials not used for fill or dressing purposes will be considered the property of the State and stockpiled at the storage area on Route 11, 39.8 milepost. Coordinate stockpile with Engineer.
22.

The Contractor shall be responsible for coordinating all work for this project with the Hawaii Volcanoes National Park Project "Hawaii State Route 11, Volcano Highway Shoulder Widening" Project No. HI PLH 11-1(1), M.P. 27.4 to 35.5. If both projects are ongoing, the Contractor shall schedule his work in such a manner as to avoid interfering with the shoulder widening project. No adjustments shall be made to the contract for such coordination efforts.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
CHIEF ENGINEER	TRACED BY	
IN CHARGE	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

MAMALAHOA HIGHWAY RESURFACING, VICINITY
OF HAWAII VOLCANOES NATIONAL PARK
PROJECT NO. 11K-01-03M

Scale: NoneDate: April, 2003

SHEET No. 1 OF 1 SHEETS