

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	3	26

1.

The scope of work for this project includes cold planing existing pavement, reconstructing weakened pavement areas, overlaying two (2) inches of Hot Mix Asphalt (HMA) pavement, installing pavement markings and signage, installing milled rumble strips, applying longitudinal joint stabilizer, adjusting survey monuments, manhole and water valve frames and covers, cleaning culverts, storm drains and drainage structures, and other incidental work related to the overlay of new pavement.
2.

The Contractor's attention is directed to Sub-Section 104.09 Maintenance of Traffic, 104.11 Utilities and Services, 107.06 Contractor Duty Regarding Public Convenience, and Section 645 Work Zone Traffic Control, of the Standard Specifications and the Special Provisions.
3.

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.
4.

Saw-cutting of existing pavement shall not be measured or paid for separately but shall be considered incidental to various contract items.
5.

Dressing of shoulder 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.
6.

The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
7.

All construction signs shall be left in place until all construction items have been completed. Contractor shall obtain prior approval from the Engineer to remove construction signs.
8.

Smooth riding connections shall be constructed at the beginning and end of the project and at all connecting approaches, side roads and driveways shown on the plans and/or as directed by the Engineer.
9.

All lanes shall be open to traffic during the morning peak hours from 6:30 a.m. to 8:30 a.m. during afternoon peak hours from 3:30 p.m. to 6:00 p.m. and off work hours. Only one lane of highway shall be closed at any other time.
- ~~10.~~

~~The Contractor shall not leave more than 1 1/2" drop-off at the edge of pavement, at the end of each work day. Whenever the Contractor leaves a 1 1/2" drop-off, the Contractor shall install delineators and barricades along the edge of the pavement. This work which includes furnishing, installing, cleaning, maintaining correct placement and removing when required, shall be considered incidental to Roadway Excavation.~~
11.

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.
12.

The Contractor shall provide for vehicular and pedestrian access to and from all existing sideroads, driveways and walkways at all times.
13.

The exact locations and limits or areas to be reconstructed shall be determined in the field by the Engineer. The depth of excavation for reconstruction shall be the reconstruction thickness minus the cold plane/overlay thickness. Excavated areas shall be reconstructed with Hot Mix Asphalt Base Course (HMAB) prior to new overlay. Refer to detail on Sheet 8. This work will be paid for under Item 301.0100 Hot Mix Asphalt Base Course and Item 414.0100 Reconstruction of Weakened Pavement Areas.

14.

The Contractor shall remove and dispose of all existing raised pavement markers prior to cold planing existing asphalt concrete pavement. This work shall be considered incidental to Hot Mix Asphalt Pavement and shall not be paid for separately.
15.

Where existing guardrails are located, existing paved shoulder shall be extended one foot behind guardrail. See Typical Section.
16.

The Contractor shall reference all existing pavement markings prior to resurfacing. Final placement of the new pavement markings shall be as approved by the Engineer. Payment for this work shall be considered incidental to new pavement markers and striping. See Standard Plans TE-26 to TE-31.
17.

Before digging near any utility facilities the Contractor shall call Hawaii's One-Call Center 1-866-423-7287.
18.

Contractor shall apply for NPDES permit for staging areas, and entire reconstruction work if greater than one acre.
19.

Contractor shall adjust pipe casings of existing centerline survey monument whether shown or not on the plans, in accordance with Standard Plan D-07 or any other method as directed by the Engineer to suit field condition. Contractor to verify existing conditions prior to construction. Adjustment of centerline monument will be paid for at the Contract Unit Price regardless of method used. Contractor shall clean existing monuments to expose survey pins. If Contractor encounters buried monuments on the project, Contractor shall notify the State project manager. Refer to Standard Plans for details.
20.

Contractor shall install longitudinal joint stabilizer on asphalt joints. Details found on Sheet 8.
21.

The locations of existing signs and reflector markers shown on the plans are from the latest available data but the accuracy is not guaranteed. The Contractor shall reference all existing signs and reflector markers and their locations prior to replacement and/or removal. Any existing signs and reflector markers found in the field that are not shown on the plans shall be brought to the attention of the Engineer. Installation, removal or replacement of all signs and reflector markers shown on the plans and found in the field shall be approved by the Engineer prior to commencing work. Payment shall be considered incidental to the various contract items.
22.

The trimming, removal or disturbance of woody plants greater than 15 feet tall shall be prohibited during the Hawaiian hoary bat birthing and pup rearing season, June 1 through September 15. Department of Fish and Wildlife must be notified of any downed wildlife found in the vicinity of the project area.

LEGEND

- Cold Planing and Resurfacing Limits
- °pp

Existing Power Pole
- °MON.

Adjusted Monument
- RCP

Reinforced Concrete Pipe
- ep

Existing Edge of Pavement
- es

Existing Edge of Shoulder
- °ip

Existing Telephone Pole
- III-

Existing RM-3
- II-

Existing RM-2
- ⊐

Existing Signs
- =====

Existing Concrete Gutter
- °WMH

Adjusted Water MH Frame/Cover
- °WV

Adjusted Water Valve Box
- ⊕fh

Existing Fire Hydrant
- ◀

Existing OM2
- - - - -

Existing Metal Guardrail

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KALAE HIGHWAY RESURFACING
Maunaloa Highway to Kalaupapa Lookout
Project No. 470A-01-16M

Date: July, 2016

SHEET No. 1 OF 1 SHEETS