


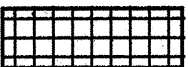







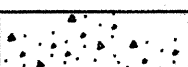
GENERAL NOTES

1. The Project begins on Kuihelani Highway at Sta. 1+35 of Project No. 380A-01-99M in the vicinity of Honoapiilani Highway and proceeds towards Kahului ending @ intersection of Puunene Avenue and Dairy Road at Sta. 276+82±. The scope of work for this project consists of reconstructing, cold planing and resurfacing of existing pavement, adjusting existing guardrail posts and center line monuments, and installation of pavement markings.
2. The Contractor's attention is directed to Sub-Section 104.04 Maintenance of Traffic, 107.13 Public Convenience and Safety, 107.21 Contractors Responsibility for Utility Property and Services, Section 645 Traffic Control of the Standard Specification 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 1½" drop-off at the edge of pavement, at the end of each work day. Whenever the Contractor leaves a 1½" 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. Resetting or adjusting of existing guardrail heights shall meet the required height of 1'-9" to the finish ground.
12. 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.
13. The Contractor shall provide for vehicular and pedestrian access to and from all existing sideroads driveways and walkways at all times.
14. 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. 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.

15. 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.
16. 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.
17. 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. The Contractor shall verify the existing pavement thickness by hand digging at various locations. Survey Monuments shall not be disturbed during Cold Planing and /or Pavement Reconstruction. This work shall be considered incidental to Cold Planing.
18. Where existing guardrails are located, existing paved shoulder shall be extended one foot behind guardrail. See Typical Section.
19. Whenever "FLEAT-350" is noted on these plans, it means "Flared Energy Absorbing Terminal". See Plan Sht. No. 6 for details.
20. Existing guardrail appurtenance and signs that will be removed and replaced shall be carefully disassembled and neatly organized and secured and delivered to the Maui District Baseyard. Payment for removal, storage and delivery shall be considered incidental to various pay items.
21. Prior to cold planing of the begin and end limits of the project, verify the locations of all existing detector loop cables within the areas to be cold planed. The Contractor shall not disturb within 18 inches from the lateral limits of the cables.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	380A-01-99M	1999	ADD.3	22

LEGEND

	Reconstruction Areas
	Cold Planing Areas
	Resurfacing Limits
	Adjusted Monument
	Existing Edge of Pavement
	Existing Edge of Shoulder
	Existing RM-3
	Existing RM-1
	Existing Signs
	Existing Concrete Pad for Truck Crossing

ORIGINAL PLAN	DESIGNED BY	DATE
NOTED BY	DESIGNED BY	May 1999
QUANTITIES BY	DESIGNED BY	
QUANTITIES BY	DESIGNED BY	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES AND LEGEND
KUIHELANI HIGHWAY RESURFACING Honoapiilani Highway to Puunene Avenue Project No. 380A-01-99M
Date: May, 1999
SHEET No. 1 OF 1 SHEETS