

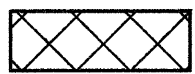
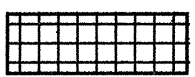



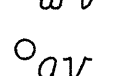
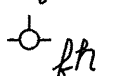
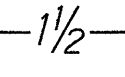
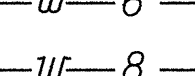
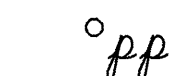


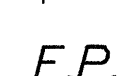






GENERAL NOTES

1. The Project begins in the vicinity of Kaipoi Bridge on Kula Highway, proceeds north towards Pukalani and ends at Lower Kula Road at M.P. 8.83. 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 Roadway Excavation.
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. Resetting or adjusting of existing guardrail heights shall include adjustment of terminal sections including foundations, etc. to required height.
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. This work shall be considered incidental to Clod Planing.
18. Where existing guardrails are located, existing paved shoulder shall be extended one foot behind guardrail. See Typical Section.
19. Existing guardrail appurtenances that will be removed and replaced shall be delivered to the Maui District Baseyard. Payment for removal, storage and delivery shall be considered incidental to various guardrail pay items.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-037-1(21)	1998	3	40

LEGEND

-  Reconstruction Areas
-  Cold Planing Areas
-  Resurfacing Limits
-  Adjusted Water MH Frame/Cover
-  Adjusted Water Valve Box
-  Existing Water Valve Box
-  Existing Gate Valve Box
-  Existing Fire Hydrant
-  Existing 1 1/2" Water Line
-  Existing 6" Water Line
-  Existing 8" Water Line
-  Existing Power Pole
-  Adjusted Telephone Manhole
-  Adjusted Monument
-  Existing Traffic Sign
-  Existing Edge of Pavement
-  Existing Edge of Shoulder
-  Corrugated Steel Pipe
-  Corrugated Metal Pipe

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	5/11/98
DESIGNED BY	TRACED BY	
QUANTITIES BY	CHECKED BY	
APPROVED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KULA HIGHWAY RESURFACING
Kekaulike Avenue to Lower Kula Road
Fed. Aid Project No. STP-037-1(21)

Date: December, 1997

SHEET No. 1 OF 1 SHEETS