

GENERAL NOTES


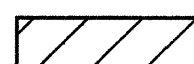
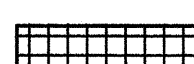




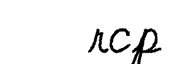

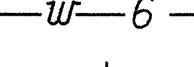

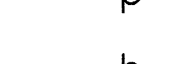

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0450(6)	1995	3	39

1. The project begins on Kamehameha V Highway in the vicinity of Kamiloloa Bridge, proceeds east towards Halawa Bay and ends at Kapuokoolau at M.P. 7.15±. The project includes reconstructing and resurfacing of existing pavement; installing paved shoulder; adjusting and installing metal guardrails; installing culverts, grated drop inlets, pavement markings and signs, concrete end posts, headwalls and miscellaneous structures; adjusting centerline monuments and miscellaneous valve boxes; and grading shoulders.
2. The Contractor's attention is directed to Subsection 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 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 Roadway Excavation.
5. Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping, and compacting the unpaved shoulders with suitable excavated materials 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 State 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. Cold planed connections shall be constructed at the beginning and end of the project, and at all connecting approaches as directed by the Engineer. This work shall be considered incidental to Asphalt Concrete, Mix No. IV.
9. Whenever "MELT" is noted on these plans, it means Modified Eccentric Loader Breakaway Cable Terminal. See Plan Sheets 18, 19 & 20 for details.
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 portable concrete barriers, delineators, cones, barricades as deemed appropriate by the Engineer. 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 safe access to and from all existing sideroads and driveways at all times.
13. The Contractor shall construct shoulder and install guardrail only one side at a time.

14. Where existing guardrails are located, paved shoulder shall be constructed up to the face of the guardrail. Paved shoulder widths shall be determined in the field and approved by the Engineer.
15. 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.
16. All saw cutting work shall be considered incidental to Excavation for Reconstruction of Weakened Pavement Areas.
17. 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.
18. Demolishing, removing and disposing of existing concrete headwall shall be considered incidental to installation of reinforced concrete pipe and will not be paid for separately.
19. Unless directed or approved by the Engineer, staggered paving resulting in longitudinal dropoff will not be permitted. In case of emergency, transition wedge with 10:1 slope shall be constructed along the longitudinal joint. Furthermore, temporary markings consisting of double, 4-inch yellow reflective tape with Type "D" markers at 10' o.c. shall be installed. Prior to resuming paving, the transition wedge shall be removed by saw cutting. Furnishing, paving and removing the transition wedge will not be paid for separately but will be considered incidental to Asphalt Concrete Pavement, Mix No. IV.
20. At the end of each paving day, transverse joint must be constructed to provide a smooth riding connection. Transition wedge shall be constructed at 10:1 slope or flatter. Prior to resuming paving, the transition wedge shall be removed by saw cutting. Furnishing, paving and removing the transition wedge will not be paid for separately but will be considered incidental to Asphalt Concrete Pavement, Mix No. IV.
21. Resetting or adjusting of existing guardrail heights shall include adjustment of terminal sections including foundations, etc. to required height.
22. 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.
23. 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. V.

24. Contractor shall layout guardrail locations in the field for Engineers approval. Exact placement and lengths shall be determined in the field by the Engineer.

LEGEND

-  Reconstruction Areas
-  Leveling Areas
-  Cold Planing Areas
-  Resurfacing Limits
-  Existing Metal Guardrail
-  New Metal Guardrail
-  MON. Adjusted Monument
-  Reinforced Concrete Pipe Culvert
-  Existing Power Pole
-  Existing 6" Water Line
-  Existing Fire Hydrant
-  Existing Traffic Sign
-  New Traffic Sign

ORIGINAL PLAN	DATE
DESIGNED BY	April 1995
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KAMEHAMEHA V HIGHWAY RESURFACING
Kamiloloa Bridge to Kapuokoolau
Federal-Aid Project No. STP-0450(6)

Date: April, 1995

SHEET No. 1 OF 1 SHEETS