GENERAL NOTES

- 1. The project begins in the vicinity of Honokowai and proceeds in the northerly direction on Honoapiilani Highway ending in the vicinity of Kahana. The scope of work for this project consists of reconstructing weakened pavement areas; cold planing; installing leveling course; resurfacing the existing pavement and shoulders; backfilling and compacting depressed areas; adjusting concrete gutters, monuments, manholes and valve covers; replacing signs; and installing pavement markings and guardrails.
- 2. The Contractor's attention is directed to Subsection 107.13-Public Convenience and Safety; and Section 645-Traffic Control.
- 3. 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.
- 4. 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.
- 5. The exact locations and limits or areas to be filled with leveling course or reconstructed shall be determined in the field by the Engineer.
- 6. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
- 7. 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.
- 8. All holes, cracks, wheel ruts and small depressions shall be filled and compacted with AC Pavement, Mix No. V. Large depressions shall be backfilled and compacted with asphalt concrete base course or as directed by the Engineer. Payment for these work items shall be made under their respective pay items.
- 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. This work shall be considered incidental to the various contract items and will not be paid for separately.
- 10. 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.
- 11. The Contractor shall provide safe access to and from all existing sideroads, driveways and streets at all times.

- 12. All saw cutting work shall be considered incidental to various items of work and will not be paid for separately.
- 13. Existing guardrail appurtenances and existing signs and posts that will be removed and replaced shall be delivered to the Maui District Baseyard as directed by the Engineer. Payment for removal, storage and delivery shall be considered incidental to various guardrail and regulatory and warning sign pay items.
- 14. Demolishing, removing, and disposing of existing concrete gutter shall be considered incidental to Type 2 Gutter and will not be paid for separately.
- 15. Sign posts shall be square tube posts.
- 16. Existing drainage system will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow, the cost of which shall be considered incidental to the various contract items, and will not be paid for separately.
- 17. The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to the various contract items, and will not be paid for separately.
- 18. Base Course shall be either Plant Mix Asphalt Conrete Base Course, Recycled Plant Mix Asphalt Conrete Base Course or Plant Mix Glassphalt Concrete Base Course. Selection will be based on the least expensive base course alternative.
- 19. The Contractor shall lower manholes and monuments prior to Cold Planing, backfill with hot mix and re-adjust after final paving. Covering of lowered manholes and monuments shall be considered incidental to various contract items.

COLD PLANING NOTES

- 1. The exact locations and limits or areas to be cold planed shall be determined in the field by the Engineer.
- 2. The vertical pavement drop-off shall not exceed 3-inches. If a vertical pavement drop-off exists at the end of each day's cold planing and paving, the Contractor shall provide a wedge with a 12:1 minimum transition taper for transverse drop-off and no steeper than 6:1 for longitudinal drop-off, as approved by the Engineer.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR		TOTAL SHEETS
HAWAII	HAW.	STP-030-1(23)	1994	3	27

<u>LEGEND</u>

Reconstruction Areas

Cold Planing Areas

Resurfacing Limits

Depression Areas

•wmh Existing Water Manhole to be adjusted

•wv Existing Water Valve Box to be adjusted

•mon. Existing Monuments to be adjusted

E.P. Existing Edge of Pavement

E.S. Existing Edge of Shoulder

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HONOAPIILANI HIGHWAY RESURFACING

Honokowai to Kahana

F.A. Project No. STP-030-1(23)

Date: March, 1994

SHEET No. 1 OF 1 SHEETS