

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-036-1(8)	1997	3	30

GENERAL NOTES

- The scope of work for this project consists of resurfacing; cold planing; reconstructing weakened pavement areas; adjusting centerline and reference survey monuments and manhole frames and covers; installing metal guardrails, resetting existing guardrail posts and installing pavement markings.
- The Contractor's attention is directed to Subsection 107.13-Public Convenience and Safety; Subsection 107.21-Contractor's Responsibility For Utility Property and Services; and Section 645-Traffic Control.
- The Contractor is reminded of the requirements of Subsection 108.01-Subletting of Contract which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- 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.
- 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.
- The exact locations and limits or areas to be filled with leveling course or reconstructed shall be determined in the field by the Engineer.
- The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
- The Contractor shall remove and dispose of all existing raised pavement markers and temporary tapes 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.
- All holes, cracks, wheel ruts and small depressions shall be filled and compacted with AC Pavement, Mix No. IV. 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 respective pay items.
- Smooth riding connections shall be constructed at all limits of resurfacing including the beginning and end of project, connecting approaches, 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.
- 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.
- 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. At guardrail areas, shoulder shall be grubbed, graded and paved as shown on these plans.

- The Contractor shall provide for access to and from all existing sideroads, driveways and streets at all times.
- All saw cutting work shall be considered incidental to various items of work and will not be paid for separately.
- Resetting or adjusting of existing guardrail posts shall include adjustment of terminal sections including foundations etc. to meet required height.
- 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.
- 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.
- Base Course shall be Plant Mix Glassphalt Concrete Base Course.
- The existing centerline monuments are presently covered w/A.C.. The Contractor shall sawcut A.C., uncover and adjust these monuments in accordance with Section 613 of the specifications. Location of the buried monuments will be staked out by the State. Probing, excavating and exposing these monuments will not be measured for payment but shall be considered incidental to Item No. 613.0100.
- Where existing guardrails are located, paved shoulder shall be constructed under the guardrail (See paved shoulder detail Sht. No. 5). Paved shoulder widths shall be determined in the field and approved by the Engineer.

COLD PLANING NOTES

- The exact locations and limits or areas to be cold planed shall be determined in the field by the Engineer.
- No vertical pavement drop-off shall be permitted during non-working hours. Contractor shall schedule his work to immediately pave cold planed surfaces within the same day. In case of emergencies, the Contractor shall provide a wedge with a 12:1 minimum transition taper for transverse drop-off and no steeper than 20:1 for longitudinal drop-off, as approved by the Engineer. Transition wedges will not be measured for payment and shall be removed prior to paving abutting courses.
- Cold Planing transition shall be done at the following side roads: Kahiapo Pl., Waikina Lp., Nahele Rd., and W. Kuiaha Rd. The transition length shall be 75 ft., measured from the E.P. Cold Planing width shall cover the full width of the side road, to the edge of the paved shoulders. This work shall be covered under Item No. 652.0100, Cold Plane Existing Pavement.

LEGEND

- Reconstruction Areas
- Cold Planing Areas
- Resurfacing Limits
- Adjusted Water MH Frame/Cover
- Adjusted Water Valve Box
- Existing Sprinkler Line
- Existing 12" Water Line
- Existing 16" Water Line
- Existing Remote Control Valve
- Existing Water Air Valve
- Existing Fire Hydrant
- Adjusted Monument
- Existing Pull Box
- Adjusted Pull Box
- Existing Power Pole
- Existing Telephone Pole
- Existing Sewer Manhole
- Existing Grated Drop Inlet
- Existing Traffic Sign
- Existing Single Metal Guardrail
- Existing Highway Lighting Standard
- Reinforced Concrete Pipe
- Existing Delineator

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HANA HIGHWAY RESURFACING  
Hookipa Park to Valley Isle Memorial Cemetery  
Fed. Aid Project No. STP-036-1(8)

Date: July, 1996

SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	DESIGNED BY	DATE
NOTED WORK	DESIGNED BY	1996
QUANTITIES BY	DESIGNED BY	7/1/96
CHECKED BY	DESIGNED BY	7/1/96