

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-00M	2001	3	42

GENERAL NOTES

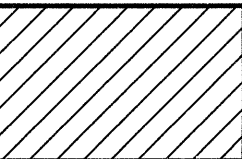
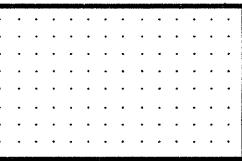
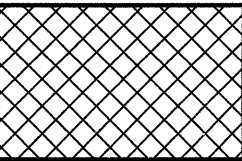
- The scope of work for this project consists of roadway maintenance repairs including shoulder stabilization, constructing structural guardrail supports, installing concrete gutter, installing guardrail, signage and pavement markings, and drainage improvements, including but not limited to culverts, inlets, swales, and headwalls.
- 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.
- The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -Traffic Control.
- 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.
- Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.
- 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.
- All extended culverts will require a concrete collar at the connection of the new pipe to the existing pipe.
- The contractor shall provide for access to and from all existing side streets at all times.
- The Contractor shall stakeout and clearly mark locations of new guardrails and end terminals to be installed and shall not proceed with installation until approval by the Engineer.
- The Contractor shall construct shoulder and install guardrail only one side of the highway at a time. Guardrail sections shall be installed complete with guardrail terminals before moving on to new locations. No section of incomplete guardrail shall be left unshielded at the end of each work day. Open sections shall be shielded by portable physical barriers. Placing, maintaining, reflecting, and removal of portable physical barriers shall be considered incidental to the various contract items.

- Prior to constructing guardrail supports and pounding guardrail posts, Contractor shall verify locations of all existing underground facilities, structures, manholes, etc.
- Guardrails and posts that are to be removed shall be neatly bundled on pallets and delivered to the State Highways Baseyard at Kahului. This shall not be paid for separately but shall be considered incidental to guardrail pay items.
- The Contractor shall post construction signs before the first construction site and past the last construction site, if the sites are less than 1 mile apart. Where the distance between sites are greater than 1 mile, constuction signs shall be posted at each of these sites. Signs shall be visible to all travelling vehicles.
- All grading, excavation, and backfilling at grated drop inlets, culvert trenches, and cement rubble masonry. Headwalls will be considered incidental to the various contract items.
- Contractor to limit the time of exposure of the open cut required to construct the cantilever section of the guardrail repairs. The Contractor will be responsible for removing any soil that may have sloughed prior to constructing the concrete cantilever section.
- The Contractor shall verify load limitations of existing bridges on Hana Highway with the Highways Division's Maui District Office prior to bidding. Load capacities of existing bridges shall not be exceeded during delivery of construction materials and equipment.
- The Contractor shall use the existing portable concrete barriers at site numbers 2,3,4-5, and 6 to protect open excavation. Additional barriers, if required, can be obtained at the Maui District's Hobron baseyard, unless otherwise specified by the engineer. When work is completed, the Contractor shall remove and deliver the barriers to the Maui District's Hobron baseyard. Moving, delivery, and removal of the portable barriers will not be measured and considered incidental to the various contract items.
- Baseline information does not follow the centerline of the existing roadway or striping on the existing roadway.
- Elevations on all sites are assumed and not related to any existing benchmarks.

STRIPING NOTES

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.

LEGEND

- °UP Existing Power Pole
- 24" RCP New 24" RCP Drain Line
- ===== Existing RCP Drain Line
- ⊥ Existing Traffic Sign
- ⊥ New Traffic Sign
- New Grated Drop Inlet
- +—+—+— New Guardrail
- +—+—+— Existing Guardrail
-  Asphalt Concrete Mix No. IV Pavement Overlay
-  Cold Plane Asphalt Concrete and Asphalt Concrete Mix No. IV Pavment Overlay
-  Transition Section



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.  
*Corey H. Kogasaka*  
DATE: 4/27/01

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<b>GENERAL NOTES</b>	
<b>HANA HIGHWAY</b>	
<b>REPAIRS AND MAINTENANCE</b>	
<b>PROJECT NO. 360AB-01-00M</b>	
Scale: N/A	Date: March, 2001
SHEET No. 1 OF 1 SHEETS	

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	