

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-98M	1998	ADD. 3	33

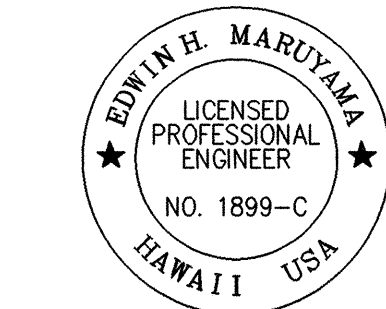
- The scope of work for this project consists of cold planing and resurfacing existing pavement, installation and removal of guardrails and installation of traffic signs and pavement markings.
- The Contractor is reminded of the requirements of Subsection 108.01 – Subletting of Contract, which requires 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.
- 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.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
- 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.
- All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. IV prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. IV.
- Cold planned 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. Exact locations shall be determined in the field by the Engineer.
- Dressing of areas adjacent to the paved 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.
- Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
- The contractor shall provide for access to and from all existing side streets and driveways at all times.
- All saw cutting work shall be considered incidental to Excavation for Reconstruction of Weakened Pavement Areas.

- The contractor shall not leave more than 1–1/2” drop-offs at the edge of pavement at the end of each work day. This includes drop-offs at the centerline and at other edges of travel lane.
  - Existing guardrail appurtenances and existing signs and posts that will be removed and replaced shall be neatly stockpiled, inventoried, placed on pallets and delivered to the Kahului Baseyard. Use of removal methods to prevent damage to these materials shall be incorporated (i.e. unbolting guardrails instead of cutting). Payment for removal, storage and delivery shall be considered incidental to various guardrail and regulatory and warning sign pay items.
  - Sign posts shall be square tube posts.
  - Location of areas that need to be reconstructed will be staked out in the field by the Engineer.
  - The Contractor shall prepare the shoulder area and any swale area adjacent to the travelway by clearing and grubbing unwanted vegetation and material. The Contractor shall fill and compact all depressions with Glassphalt Concrete (G.C.) base from the existing edge of pavement to the new edge of shoulder. The Contractor shall backfill, grade and compact with glassphalt concrete base within the new A.C. Swale area, prior to paving. Work shall be in accordance with Section 201–Clearing and Grubbing and Section 312–Plant Mix Glassphalt Concrete Base Course. Clearing and grubbing, backfilling, grading and compacting the approved material within the new A.C. Swale area will be paid for under glassphalt concrete base pay item. Filling and Compacting depressions with Glassphalt Concrete base within the new A.C. shoulder area will be paid for under the glassphalt concrete base pay item.
  - Cleaning of existing drainage structures shall consist of the removal of all mud, silt, debris, and unsuitable material from the inlets , and conduits, and shall include the entrance and outlet areas to the extent of the right-of-way line to the satisfaction of the Engineer. Payment for the clearing of existing drainage structures shall be considered incidental to the various contract items.
  - Elevation Datum=Assumed
- NPDES GENERAL NOTES
- Discharges into receiving waters (streams, rivers, ocean, channels, drainage system, etc.) from construction activities require NPDES permit(s) from the Department of Health (DOH). If the Contractor options to discharge runoff from construction activities into receiving waters, the Contractor shall submit to the Engineer four (4) sets of Best Management Practices (BMP’s) and four (4) copies of the quality of discharge test results. The plans and test results shall be submitted no later than thirty (30) calendar days after the award of the contract.
  - Progress payment will not be authorized until receipt of the BMP’s and the quality of discharge test results.
  - Any citation (fine) received by the State for non-compliance of the NPDES permit requirements shall be deducted from the progress payment.

LEGEND:

- Reconstruction Areas
- Cold Planing Areas
- Resurfacing Limits
- Existing Electrical Line
- Existing Joint Pole
- Existing Power Pole
- Existing Electric Manhole
- Existing Telephone Line
- Existing Telephone Pole
- Existing Telephone Manhole
- Existing 6” Water Line
- Existing Water Manhole
- Adjusted Water MH Frame/Cover
- Existing Water Air Valve
- Existing Water Valve Box
- Adjusted Water Valve Box
- Existing Water Meter
- Existing Fire Hydrant
- Existing 24” Drain Line
- Existing Grated Drop Inlet
- Existing Traffic Sign
- New Traffic Sign
- Existing Single Metal Guardrail
- New Single Metal Guardrail
- Bottom Bank
- Top Bank

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Edwin H. Maruyama  
FUJITA & ASSOCIATES, INC.

6/16/98 Revised General Note No. 17

DATE REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION			
<b>GENERAL NOTES &amp; LEGEND</b>			
<b>HANA HIGHWAY RESURFACING</b>			
<b>Vicinity of Honomanu Bridge to Wailua Road</b>			
<b>Project No. 360 AB-01-98M</b>			
Scale: No Scale		Date: June 1998	
SHEET No.	1	OF	1 SHEETS