

GENERAL NOTES

- Improvements consist of removing raised traffic islands, and replacing with new pavement, installing paving fabric, leveling and resurfacing existing pavement, adjusting and reconstructing reference survey monuments, adjusting valve boxes and manholes, replacing and installing signs and reflector markers, and installing pavement striping, markings and raised pavement markers.
- 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 the 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, and cold planed shall be determined in the field by the Engineer.
- Asphalt Concrete for leveling shall be paid for under Item No. 401.0500 Asphalt Concrete Pavement, Mix No V.
- 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.
- The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
- Existing Thermoplastic Extrusion Pavement Markings and Preformed Pavement Marking Tape shall be removed prior to resurfacing. Removal shall be by scraping, grinding or other method approved by the Engineer. Payment shall be incidental to Item No. 401.0400 Asphalt Concrete Pavement, Mix No. IV.
- 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 Item No. 401.0400-Asphalt Concrete Pavement, Mix No. IV.
- 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.
- Existing drainage system will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
- Contractor shall provide for safe access to and from all existing side streets at all times.
- All saw cutting work shall be considered incidental to Item No. 401.0400 Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.

- Unprotected pavement dropoffs greater than 2" shall not be allowed during non-working hours, except where approved by the Engineer in writing.
- Cold-planing of 50' transitions at the begin and end project limits and 25' transitions at the selected sideroads, shall be considered incidental to Item No. 401.0400 Asphalt Concrete Pavement, Mix No. IV.
- Provide 2' wide feathered taper for smooth riding lanes during non-working hours. Feathered tapers shall not exceed 0.75 miles in length at non-intersection areas. Feathered tapers shall be removed prior to the placing of the final overlay. Payment of feathered tapers shall not be measured and will be considered incidental to Item No. 401.0400 Asphalt Concrete Pavement, Mix No. IV.
- Initial preparation of shoulder areas shall be done by the Contractor. Shoulder preparation 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. The Contractor shall also be responsible for finish rolling and maintaining the shoulders until project completion. This work shall be considered incidental to Item No. 401.0400-Asphalt Concrete Pavement, Mix No. IV.
- Public Notice is required for lane closures. The Contractor shall submit notice to the Engineer for approval a minimum of three weeks prior to publication. Pre-approval of notice, with dates left blank, is permissible.
- The Contractor shall mark the back of all signs using labels and equipment provided by the State. Payment shall be incidental to various Contract Items.

COUNTY DEPARTMENT OF WATER SUPPLY NOTES

- All work shall conform to the Department of Water Supply's (DWS), "Water System Standards", Volumes I and II, dated 1985, as amended.
- The Contractor's attention is called to DWS Standard Details 3, 9, 13, and 22 which require concrete slabs for valve frames and boxes.
- All existing waterlines, waterline appurtenances, and other utilities shown on the plans reflect the most recent information made available to this Department. The Contractor shall be responsible for verification of the exact locations of all existing utilities in the field whether shown on the plans or not. The Contractor shall bear all cost for damages done unto the affected utilities.

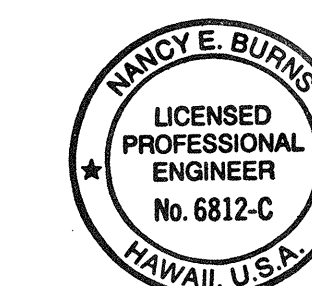
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	160A-01-96M	1996	3	29

LEGEND

	Exist. Fire Hydrant
	Exist. Water Valve
	Adjust Water Valve
	Exist. Water Meter
	Adjust Water Meter
	Exist. Culvert
	Resurfacing Limits
	Existing Guardrail
	New Monument
	Adjusted Monument
	Right of Way
	Existing Sign
	New Sign
	Exist. Concrete Driveway

REFLECTOR MARKER LEGEND

	RM-1 REFLECTOR MARKER
	RM-2 REFLECTOR MARKER
	RM-3 REFLECTOR MARKER
	RM-4 REFLECTOR MARKER



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Nancy E. Burns
DATE: 5/28/96

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES AND LEGENDS
KE ALA O KEAWE ROAD RESURFACING KEOKEA TO PUUHONUA O HONAUNAU Project No. 160A-01-96M
Scale: None Date: April, 1996
SHEET No. 1 OF 1 SHEETS