

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-011-2(29)	1994	3	20

GENERAL NOTES

1. This project consists of leveling and resurfacing the existing pavement; reconstructing travelway and shoulders; resurfacing and construction of shoulders with walkways; reconstructing and adjusting reference survey monuments; replacing, installing signs and installing pavement striping, markings and markers, and installing new and upgrading existing Guardrail.
2. 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 the bid.
3. 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, Section 645 - Traffic Control;.
4. At the end of each days work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
5. 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 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.
6. The exact locations and limits or areas to be filled with leveling course and/or reconstructed shall be determined in the field by the Engineer.
7. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
8. 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 Item No. 401.0400, and will not be paid for separately.
9. 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.
10. Smooth riding surfaces shall be constructed at all limits of resurfacing including the beginning and end of project, connecting approaches, side streets, driveways and at the ends of the daily work areas as shown on the plans and/or as directed by the Engineer.

Initial preparation of shoulder areas shall be done by the State. Contractor shall be responsible for finish rolling and maintaining the shoulders thereafter. This work shall be considered incidental to Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.

12. 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.
13. Contractor shall provide for access to and from all existing driveways and streets at all times.
14. Contractor shall mark the backs of all signs using labels and equipment provided by the State. Payment to be incidental to Contract Items.
15. Payment for Shoulder Reconstruction shall be made under Item No. 203.0100 Roadway Excavation and Item No. 304.1110 Aggregate Basecourse. See Sheet No. 4 for details.
16. The exact locations and limits of shoulder reconstruction shall be determined in the field by the Engineer. Excavation to and preparation of subgrade shall be considered incidental work and no separate payment shall be provided.
17. Edge of paved shoulders shall be dressed to grade with materials excavated from Shoulder Reconstruction. This work shall be considered incidental to Item No. 203.0100 Roadway Excavation.
18. During work stoppage and non-working hours, the Contractor shall restore to smooth-riding condition all pavement drop-offs greater than 2" located within 10 feet of the edge of pavement, and shall schedule his work accordingly.
19. All saw cutting work to be considered incidental to contract items.
20. Cold-planing of 50' transitions at the begin and end project limits shall be considered incidental to Item No. 203.0100 Roadway Excavation.
21. Contractor shall maintain at least one paved shoulder free and clear of debris for bicycle traffic at all times.

COUNTY DEPARTMENT OF WATER SUPPLY NOTES :

1. All work shall conform to the Department of Water Supply's (DWS) "Water Sytem Standards", Volumes I and II, dated 1985, as amended.
2. Contractor's attention is called to DWS Standard Details 13 and 22, which require concrete slabs for valve frames and boxes.
3. 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 costs for damages done unto the affected utilities.
4. All solder and flux shall contain not more than 0.2 percent lead.
5. The pipe cushion material for copper pipes shall be no. 4 fine manufactured sand, as specified in "Water System Standards" Volume I, Part III, Section 2.2.2., Paragraph c2.
6. See Sheet No. 19 for Valve box Schedule.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<b>GENERAL NOTES</b>
<b>VOLCANO ROAD RESURFACING MOUNTAIN VIEW TO KURTISTOWN F.A. PROJECT NO. STP-011-2(29)</b>
Date: March, 1994
SHEET No. 1 OF 1 SHEETS