

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-2(35)	1995	3	39

1. Improvements consist of reconstructing weakened pavement areas, leveling and resurfacing the existing pavement, paving fabric, reconstructing bridge deck and joints, installing drop inlet, adjusting and/or reconstructing reference survey monuments, adjusting valve boxes and manholes, replacing and installing signs and reflector markers and installing pavement striping, markings and markers and installing metal guardrails and end connections.

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 bid.

3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.13 - Public Convenience and Safety, Section 645 - Traffic Control.

4. 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.

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 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.

6. The exact locations and limits or areas to be filled with leveling course, reconstructed or cold planed 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. 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.

9. 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.

10. 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.

11. 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.

12. Contractor shall provide for access to and from all existing side streets at all times.
13. All saw cutting work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.

14. Finish grade of the shoulder area to be paved shall be per Section 304 (B) unless otherwise provided for in the contract, such work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV.

15. Unprotected pavement dropoffs greater than 2" shall not be allowed during non-working hours, except where approved by the Engineer in writing.

16. Provide 2' wide longitudinal 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 A.C. Mix No. IV.

17. Public Notice is required for lane closures. 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.

18. Contractor's attention is called to new highway policies regarding Breakaway Cable Terminal (BCT) and other guardrail end treatments. Hardware requirements may change as the policy is revised. Prior to ordering materials, the Contractor shall submit a list of all guardrail end treatment hardware to the Engineer for review and approval. Changes shall be handled on a contract change order basis.

19. The Contractor shall maintain 2 lanes for thru traffic movement at all times. Lane closures shall be allowed for weekend work and night work, subject to notifying the Engineer 6 weeks prior to closures.

20. These Plans are designed and laid out using full size sheets (22' x 34") . Any other sizes of these Plans must be adjusted for scale.

21. Leveling of Depression in Roadway shall be Paid for under Item 401.0500 .

22. Cold-planing at begin and end project transitions and at Wai'a'ama Bridge approaches shall be paid for under Item No. 652.3000 Cold Planing.

COUNTY DEPARTMENT OF WATER SUPPLY NOTES

1. All Work shall conform to the Department of Water Supply's (DWS) "Water System Standards", Volumes I and II, dated 1985, as amended.

2. Contractor's attention is called to DWS Standard Details 3, 9, 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 cost 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.

ORIGINAL PLAN	DESIGNED BY	DATE
NOTED BY	DESIGNED BY	
QUANTITIES BY	DESIGNED BY	
CHECKED BY	DESIGNED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

HAWAII BELT ROAD RESURFACING
PAPA'IKOU TO PEPEEKEO
F.A. PROJECT NO. STP-019-2(35)

Date : April, 1995

SHEET No. 1 OF 1 SHEETS