

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP 050-1 (II)	1993	3	12

General Notes:

1. Scope of Work: The work shall consist of resurfacing existing pavement, pavement striping and installing pavement markers, installing centerline and reference survey monuments installing reinforcing fabric, adjusting utility boxes and covers, and dressing of shoulders.
2. The Contractor is reminded of the requirements of Subsection 108.01 - subletting of Contract, to perform with his organization, work amounting to not less than 50 percent of the total contract cost less deductible amounts allowable. 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, Sub-section 107.21 - Contractor's Responsibility for Utility Property and Section 645 - Traffic Control.
4. All potholes, depressions, cracks and wheel ruts shall be cleaned, treated with SS-I emulsified Asphalt then filled and compacted with asphalt concrete pavement, Mix No. V. This work shall not be measured or paid for separately, but shall be considered incidental to pay item No. 401.0600 - Asphalt Concrete Pavement, Mix No. V.
A leveling course (3/4"± thick) of asphalt concrete pavement, Mix No. V shall then be placed and compacted over the areas to be resurfaced. The thickness of the leveling course may be variable at the Engineer's discretion. Pavement reinforcing fabric shall then be installed as specified or as shown on the plans.
A 1 1/2" thick A.C. pavement, Mix No. V wearing surface shall then be placed and compacted in accordance with the plans and specifications. The leveling course and wearing surface shall be measured and paid for as provided under Item No. 401.0600 (Asphalt Concrete Pavement, Mix No. V).
Reinforcing fabric shall be measured and paid for as provided under Item No. 412.0100 (Pavement Reinforcing Fabric).
The Marshall Method shall be used to establish and control the asphalt concrete mix design.
5. Existing raised pavement markers shall be removed by such means that will cause the least amount of damage to the pavement. This work shall not be measured or paid for separately, but shall be considered incidental to the various contract items.
6. 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.
7. "Brooming-off" and grading the edges of existing surfaces prior to resurfacing shall not be measured or paid for separately, but shall be considered incidental to Item No. 401.0600 (Asphalt Concrete Pavement, Mix No. V).
8. The Contractor shall be held liable for any damages incurred to existing facilities as a result of his operations. All damages to existing facilities shall be repaired and/or replaced immediately in accordance with the Standards and Specifications of the State and/or affected utility company or governmental agency. On any unreasonable delay by the Contractor, the State shall repair said damages and bill the Contractor.
9. All lanes shall be open to traffic during morning peak hours (6:30 AM to 8:30 AM), during afternoon peak hours (2:30 PM to 5:30 PM), and during off work hours. Only one lane of roadway shall be closed at any other time.
Contractor to open all lanes to traffic during
10. 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.

11. The Contractor shall be responsible for directing traffic through the work area. The Contractor's traffic control methods including signs, barricades, flagmen, etc., shall be in strict accordance with the plans, Standard Specifications and Special Provisions.
12. Surfaces shown in the Typical Section are for representational purposes only and are not intended to depict surfaces at any specific location.
13. It is necessary to run public traffic over roadways soon after the paving operations, the Contractor shall install temporary pavement marking and raised pavement markers, as directed by the Engineer. For additional requirements, refer to Section 629 of the Standard Specifications and Special Provisions. This work shall be considered incidental to the various contract items.
14. Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated materials as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various pay items.
15. Unless otherwise noted, all existing turn-out areas shall be resurfaced.
16. Existing facilities shown on the plans were obtained from the best available sources, however, field conditions may vary and accuracy can not be guaranteed.
17. Reinforcing fabric will not be required on transitions at beginning and end of project.
18. Where indicated on the plans, existing traffic signs and posts shall be removed and new signs and posts installed. (All post replacements shall include anchor bases).
19. For installation of centerline & reference survey monuments, the Engineer will stake out the location of the monuments. The Contractor shall be responsible for preserving all points staked out by the Engineer.
20. The Contractor shall notify the State, in writing, two (2) weeks prior to starting paving operations.
21. All saw cutting shall be considered incidental to the various Contract Items.

Pavement Markings Notes:

1. Stakeout/layout for pavement stripings, markings and markers shall be done by the Contractor at his own expense. Layout of stripings, markings and markers shall be approved by the Engineer prior to final installations.
2. Unless otherwise noted, all stripings, markings and raised pavement markers shall be installed in accordance with the Standard Plans.
3. Centerline pavement striping shall be thermoplastic extrusion, or tape, Type I.
4. Edge of pavement striping shall be thermoplastic extrusion or tape, Type II. Edge of pavement marking shall include Type C Raised Pavement Markers @ 40' o.c.
5. Stop bar pavement striping shall be thermoplastic extrusion.

STATE OF HAWAII	
DEPARTMENT OF TRANSPORTATION	
HIGHWAYS DIVISION	
GENERAL NOTES	
ROUTE 50, KAUMUALII HIGHWAY RESURFACING	
Lawai Bridge to Omao Road	
PROJECT NO. STP-050-1 (II)	
SCALE: AS SHOWN	MARCH 1993
SHEET No. 3 OF 12 SHEETS	