

General Notes:

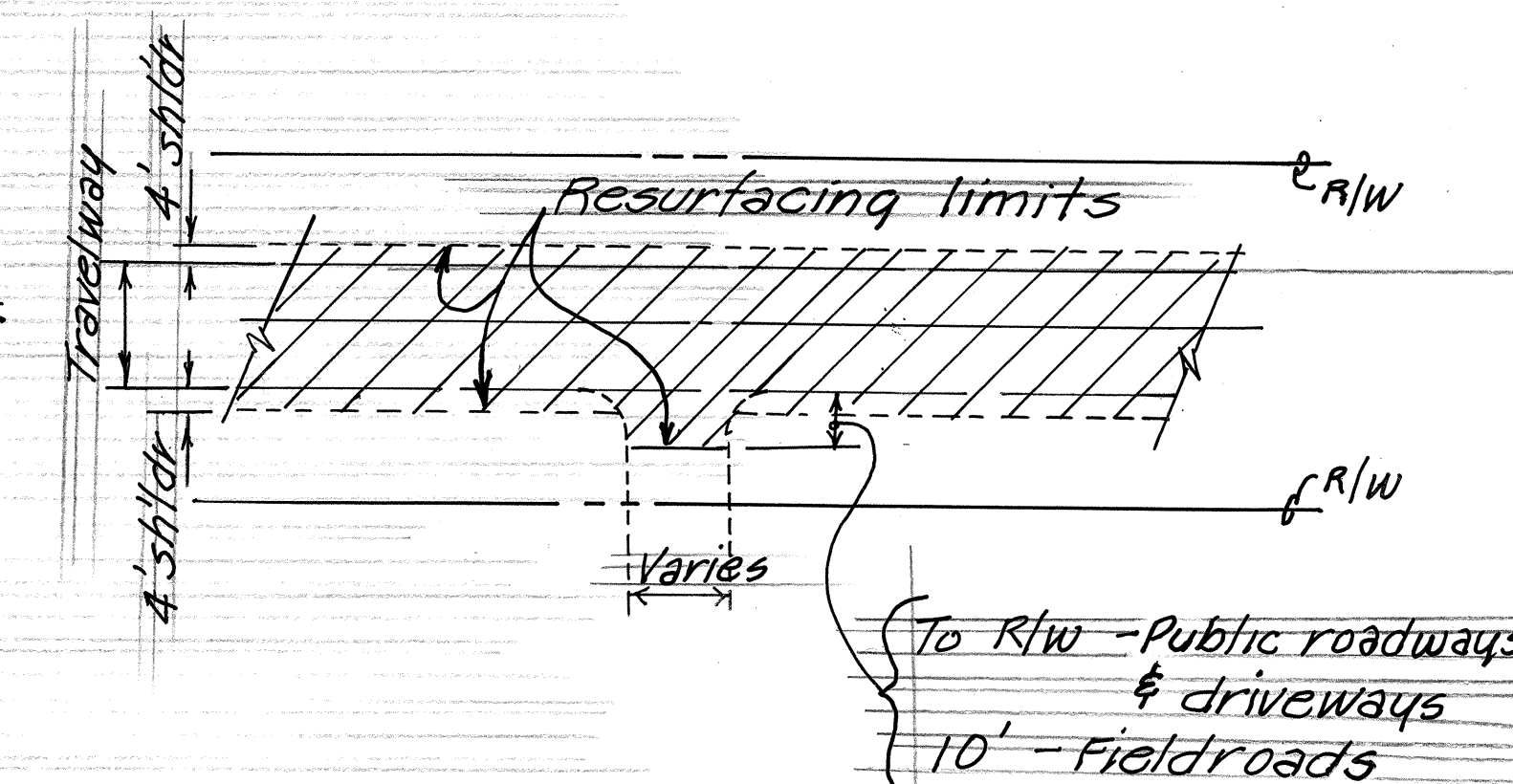
1. Scope of Work: The work shall consist of resurfacing existing pavement, pavement striping and installing pavement markers, replacing, relocating, and/or installing new signs, installing reinforcing fabric, and trimming/ dressing of shoulders.
2. The Contractor is reminded of the requirements of Subsection 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, Subsection 107.21 - Contractor's Responsibility for Utility Property and 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. All potholes, depressions, cracks and wheel ruts, shall be cleaned, treated with SS-1 Emulsified Asphalt then filled and compacted with Marshall Mix asphalt concrete.
A leveling course ($3/4" \pm$ thick) of asphalt concrete (Marshall Mix) 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 $1\frac{1}{2}"$ thick A.C. wearing surface (Marshall Mix) 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, Marshall Mix No. V).
Reinforcing fabric shall be measured and paid for as provided under Item No. 412.0100 (Pavement Reinforcing Fabric).
6. 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 other items of work noted in the proposal.
7. Smooth riding connections shall be constructed at all limits of resurfacing, including the beginning and of project, connecting approaches, side streets and driveways, as shown on the plans and/or as directed by the Engineer.
8. "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, Marshall Mix No. V).
9. 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 & 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.
10. All lanes shall be open to traffic during non-working & during peak hours. Only one lane of roadway shall be closed at any other time.
Failure of the Contractor to open all lanes to traffic during non-working and peak hours, shall result in assessment of liquidated damages as specified in Section 108.08 of the Special Provisions.

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. If it is necessary to run public traffic over roadways soon after the paving operations, the Contractor shall install temporary pavement marking tapes 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 pay items.
14. Trimming & dressing of shoulders shall not be paid for separately, but shall be considered incidental to other items of work noted in the proposal.
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 cannot 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 & posts shall be removed and new signs & posts installed. (All post replacements shall include new anchor bases).
19. For installation of Standard C & C street 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.

Pavement Marking Notes

1. Stakeout/Layout for pavement stripings, markings and markers, shall be done by the Contractor at his own expense.
Layout of stripings, markings & 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 CL Raised Pavement Markers @ 40' o.c.
5. Step bar pavement striping shall be thermoplastic extrusion.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560-01-92M	1992	3	7



PLAN
TYPICAL RESURFACING LIMITS
N.T.S.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

KUHIO HIGHWAY RESURFACING
KILAUEA TO KALIHIWAI
PROJECT NO. 56D-01-92M

DATE: MAR. 1992

SHEET No. 3 OF 7 SHEETS