
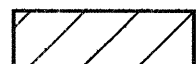
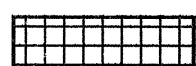



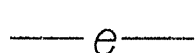

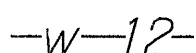
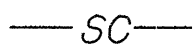










FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-91M	1991	3	31

GENERAL NOTES

LEGEND

-  Reconstruction Areas
-  Leveling Areas
-  Cold Planing Areas
-  Resurfacing Limits
-  Existing Joint Pole
-  Existing Power Pole
-  Existing Electrical Line
-  Existing Sewer Line
-  Existing Water Line
-  Existing Signal Corps Line
-  Existing Water Valve
-  Existing Water Valve to be Adjusted
-  Existing Fire Hydrant
-  Existing Sewer Manhole
-  Existing Drain Manhole
-  Existing Drain Manhole to be Adjusted
-  Existing Water Air Valve
-  Existing Catch Basin

1. The project begins on Honoapilani Highway near Honokahua Bay, proceeds easterly, and ends at Honokohau Bridge. This project consists of resurfacing; constructing paved shoulders, bituminous curbs and spillways; replacing existing guardrails, culverts, signs and reflector markers; and installing guardrails and pavement markings.

2. The Contractor's attention is directed to Subsection 107.13-Public Convenience and Safety; Section 645-Traffic Control and Subsection 107.21-Contractor's Responsibility for Utility Property and Service of the Special Provisions; and Subsection 606.03-Beam Type Guardrail.

3. 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.

4. 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.

5. The exact locations and limits of areas to be filled with leveling course shall be determined in the field by the Engineer.

6. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.

7. 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. V and will not be paid for separately.

8. All holes, depressions, wheel ruts and leveling areas as directed by the Engineer shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V leveling course 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. The Contractor shall provide for access to and from all existing side-roads at all times.

12. All saw cutting work shall be considered incidental to Roadway Excavation.

13. The Contractor shall construct tapers at sideroads and driveways as shown on Plan Sht. No. 4 unless otherwise directed by the Engineer. Payment for this work shall be made under Item No. 401.0500, Asphalt Concrete Pavement, Mix No. V.

14. All construction signs shall be left in place until all construction items have been completed. The Contractor shall obtain prior approval from the Engineer to remove construction signs.

15. The Contractor shall construct shoulder only one side at a time.

16. The Contractor shall not leave more than a 1 1/2" drop-off at the edge of pavement at the end of each work day. Whenever the Contractor leaves more than a 1 1/2" drop-off, the Contractor shall install delineators at 80 feet on center along the edge of pavement. This work, which includes furnishing, installing, cleaning, maintaining correct placement and removing when required, shall be considered incidental to Asphalt Concrete Pavement, Mix No. V.

17. Existing ground beyond new paved shoulder shall be cleared, grubbed, graded, compacted and overlaid with 2 1/2" Asphalt Concrete Pavement as shown on the plans. The 2 1/2" overlay will be paid for under Item No. 401.0500, Asphalt Concrete Pavement, Mix No. V. Clearing, grubbing, grading and compacting shall not be paid for separately but shall be considered incidental to Asphalt Concrete Pavement, Mix No. V.

18. Installation of guardrails shall commence no later than immediately after the culvert is completed.

19. All guardrail layouts shall be done by the Contractor but shall be approved by the Engineer before construction.

20. The locations for guardrails shown on the plans are approximate. The exact locations shall be determined in the field by the Engineer. If field conditions require end treatments other than those shown on the plans, the Engineer shall determine the type and location where they shall be installed.

21. The Contractor shall do shoulder and/or guardrail work only one side at a time.

22. All construction signs shall be left in place until all construction items have been completed. The Contractor shall obtain prior approval from the Engineer to remove construction signs.

23. All flare rates for modified type "G" flare shall be 10:1.

09/13/91	Add General Note no. 23
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HONOAPILANI HIGHWAY RESURFACING
Honokahua to Honokohau
PROJECT NO. 30A-01-91M

Date: May, 1991

SHEET No. 1 OF 1 SHEETS