

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19CD-01-97M	1997	30	39

SIGN NOTES

1. Letter Size:

a. When letters are all uppercase, use series "E".

b. When initial uppercase letter is used in conjunction with lowercase letters, use series "E" (M) for uppercase letter.

2. All signs shall conform to Section 621 of the Special Provisions and the latest editions and amendments of the following FHWA publications:

a. "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)

b. "Standard Highway Signs"

c. "Standard Alphabets for Highway Signs"

3. Borders, messages, arrows, symbols and shield shall conform to details as shown on the plans and as specified in the MUTCD.

4. Sign messages shall be as indicated on the plan.

5. All panels shall be reflectorized in accordance with Section 712.20 of the Standard Specifications. Minimum width of panels shall be 2 ft. Abutting edges of panels shall be in only one direction if vertical abutting edges are used. No horizontal abutting edges shall be allowed and vice versa.

6. Contractor shall submit all sign splicing details to the Engineer for approval. All backing for signs 4 feet by 6 feet or less shall be of one sheet.

7. Backing for all new Regulatory and Warning Signs shall not be spliced.

8. Final locations of all signs shall be approved by the Engineer prior to any installation work.

9. Existing signs that are to be replaced, shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.

10. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.

11. Removal of Existing Delineators and Posts shall be considered incidentals to the various signing items.

12. Removing and reinstalling existing Street Name Signs on Regulatory and Warning Sign Post shall not be paid for separately but shall be considered incidental to the various signing items.

13. All Destination, Street Name, and Non-Standard Signs, that are to be Removed and installed at the same or new location, shall be identical to the existing sign in size and text. The Contractor shall submit Shop Drawings to the Engineer for approval prior to fabricating the sign.

14. All signs shall be installed on square tubing posts, unless otherwise noted.

15. Mount Sign Posts with RM-3 reflector markers as directed in the field by the Engineer.

16. Sign posts shall be painted with yellow reflective paint, except where located behind guardrails. Such paint work shall be considered incidental to sign items.

17. The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs as indicated on the plans or as directed by the Engineer for the duration of the highway project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic control signs called for in Section 645-Traffic Control. The advance construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the Hilo District Baseyard or as directed by the Engineer at the end of the project.

REFLECTOR MARKER LEGEND

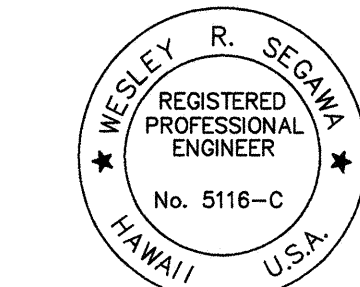
- ├ RM-1 REFLECTOR MARKER

┌├ RM-2 REFLECTOR MARKER

┌┌├ RM-3 REFLECTOR MARKER

┌┌┌├ RM-4 REFLECTOR MARKER

ORIGINAL PLAN	NOTE BOOK	No.	DATE	SURVEY PLOTTED BY	DESIGNED BY	CHECKED BY	QUANTITIES BY	DESIGNED BY	CHECKED BY	DATE



This work was prepared by me or under my supervision.
Wesley R. Segawa
Wesley R. Segawa, P.E.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGN NOTES	
QUEEN KAAHUMANU AND KAWAIHAE RESURFACING, ROUTE 19, MP 63.3 TO 69.5	
PROJECT NO.19CD-01-97M	
SCALE: AS NOTED	Date: April, 1997