

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(33)	2003	7	74

**SIGN NOTES**

1. The Contractor shall replace all existing signs (including destination signs), posts, and anchors within the project limits, unless otherwise shown on the plans.
2. Lettering
  - a. Destination Signs: Capitals, 8" Modified Series "E"; Lowercase, 6" Modified Series "E".
  - b. Street Name and Supplemental Street Name Signs: Use Modified Series "E", unless otherwise specified by the Engineer.
3. 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"
4. Borders, messages, arrows, symbols and shield shall conform to details as shown on the plans and as specified in the MUTCD.
5. Sign messages shall be as indicated on existing signs, or as directed by the Engineer.
6. 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.
7. Contractor shall submit all sign splicing details to the Engineer for acceptance. All backing for signs 4 feet by 6 feet or less shall be of one sheet.
8. Backing for all new Regulatory and Warning Signs shall not be spliced.
9. Final locations of all signs shall be approved by the Engineer prior to any installation work.
10. 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.
11. 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 or as directed by the Engineer shall be considered incidental to the various signing items.
12. Removal and Replacement of Existing Delineators and Posts shall be considered incidental to the various signing items.
13. All Destination, Street Name, Supplemental Street Name, and Non-Standard signs that are to be replaced shall be identical to the existing sign in size and text, unless otherwise specified.
14. All signs, except Destination Signs, shall be installed on square tube posts, unless otherwise noted.
15. Sign posts shall be painted with yellow reflective paint, except where located behind guardrails. Such paint work shall be considered incidental to sign items.
16. Contractor shall mark the back of all signs using labels and equipment provided by the State. Payment to be incidental to various contract items.
17. The Contractor shall submit Shop Drawings to the Engineer for acceptance prior to fabricating Destination, Street Name, Supplemental Street Name, and Non-Standard signs.
18. Street Name sign D3-1 shall be paid for under item 621.5000 - Regulatory and Warning Sign (10 square feet or less) w/out Posts.
19. Fabrication and installation of Supplemental Street Name sign D3-2 shall be considered incidental to installation of W2-1 and W2-2 signs, as applicable.
20. Foundations and posts for Destination Signs shall be reused, except for square tube posts.
21. Square tube sign posts required for the installation of destination signs shall be considered incidental to Item No. 621.0200 - Panel for Destination Sign
22. W1-8 signs shall be installed with its face perpendicular to the roadway centerline.
23. Removed Signs and Posts are to be delivered from the project to the Hilo Baseyard (50 Makaala Street) by the Contractor. Payment shall be considered incidental to the various items.

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	3/03
DRAWN BY	G. LM
TRACED BY	G. WOODWARD
DESIGNED BY	G. WOODWARD
QUANTITIES BY	G. WOODWARD
CHECKED BY	G. WOODWARD
NOTE BOOK No.	



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNAGE NOTES**

*Queen Kaahumanu Highway Resurfacing  
Kekaha Kai State Park to Hapuna  
Federal-Aid Project No. NH-019-1(33)*

Scale: As Noted      Date: March 2003

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
*Edward H. Iida*  
MITSUNAGA & ASSOCIATES