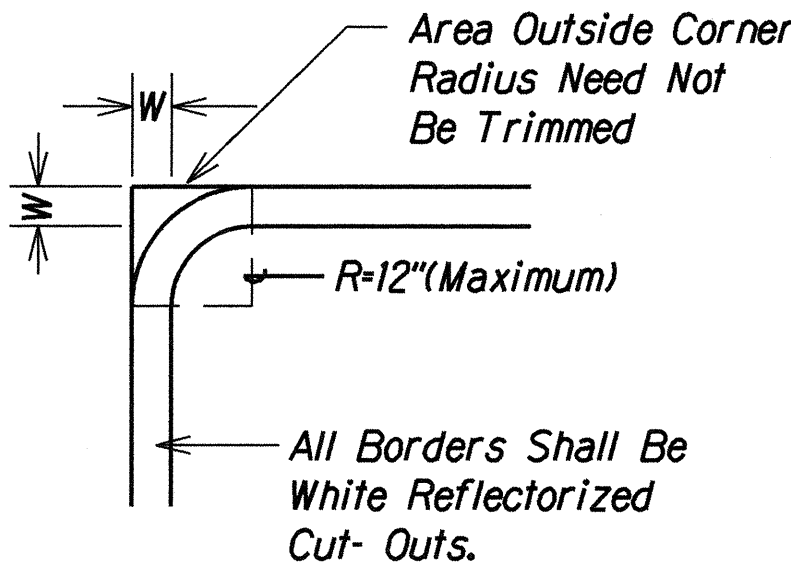


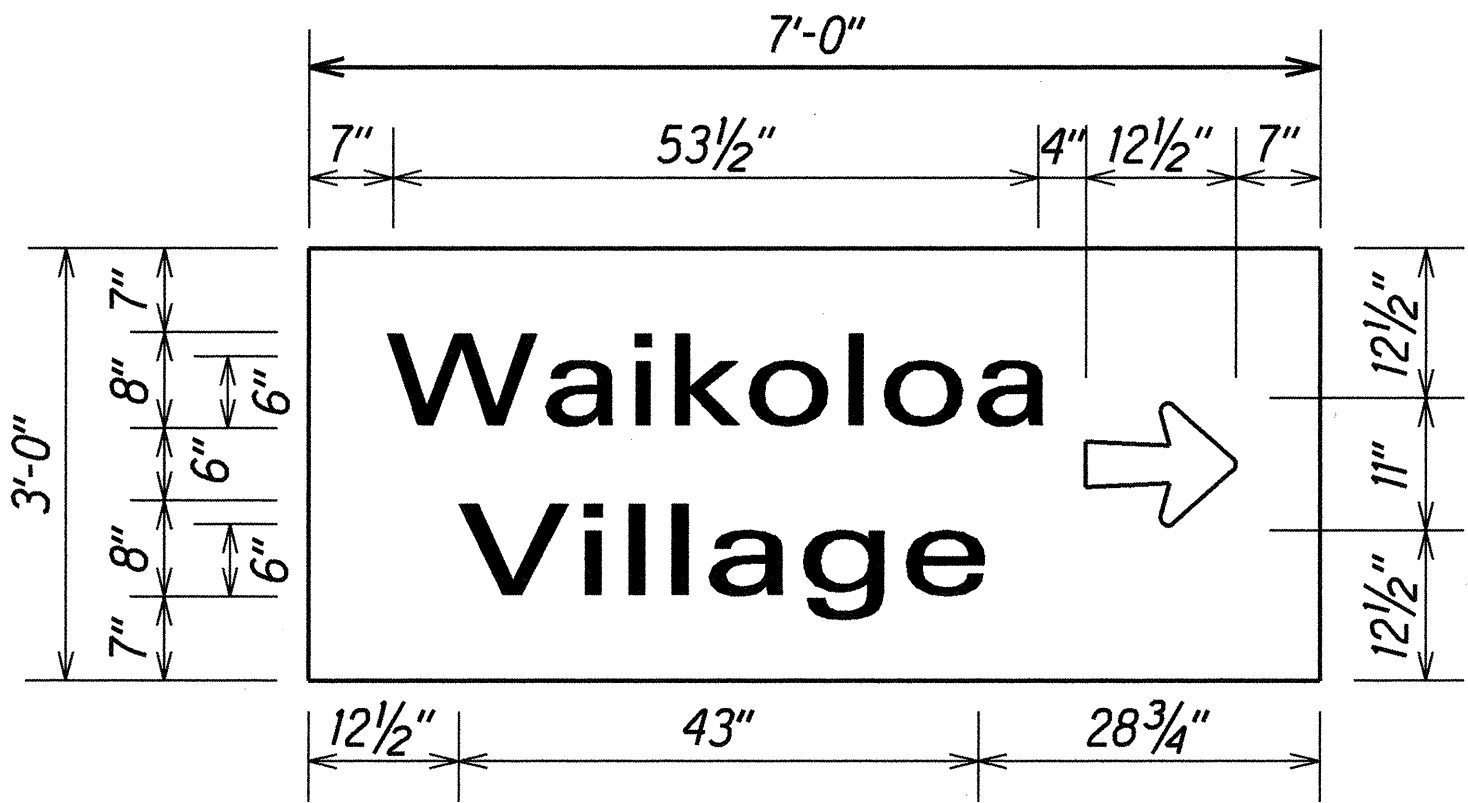
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	19	34

DESTINATION (D) SIGN NOTES

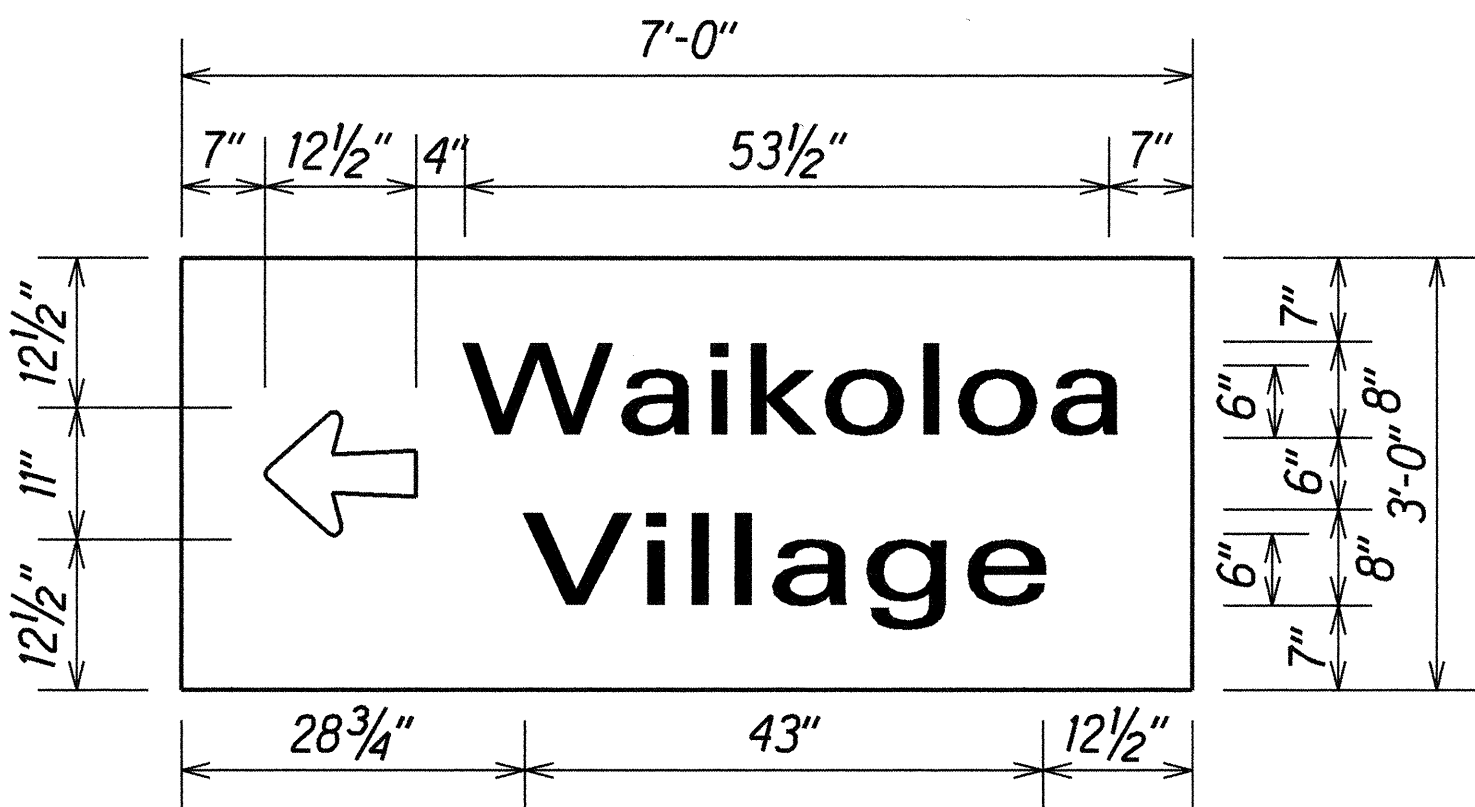
- The Contractor shall verify the locations and dimensions of existing Sign Panels and supports.
- New sign panels shall be laminated aluminum or extruded aluminum.
- Letter Size:
 - When letters are all uppercase, use series "E"
 - When initial uppercase letter is used in conjunction with lowercase letters, use series "E"(M) for uppercase
- 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.
- Destination Sign Posts shall be as noted on the plans.



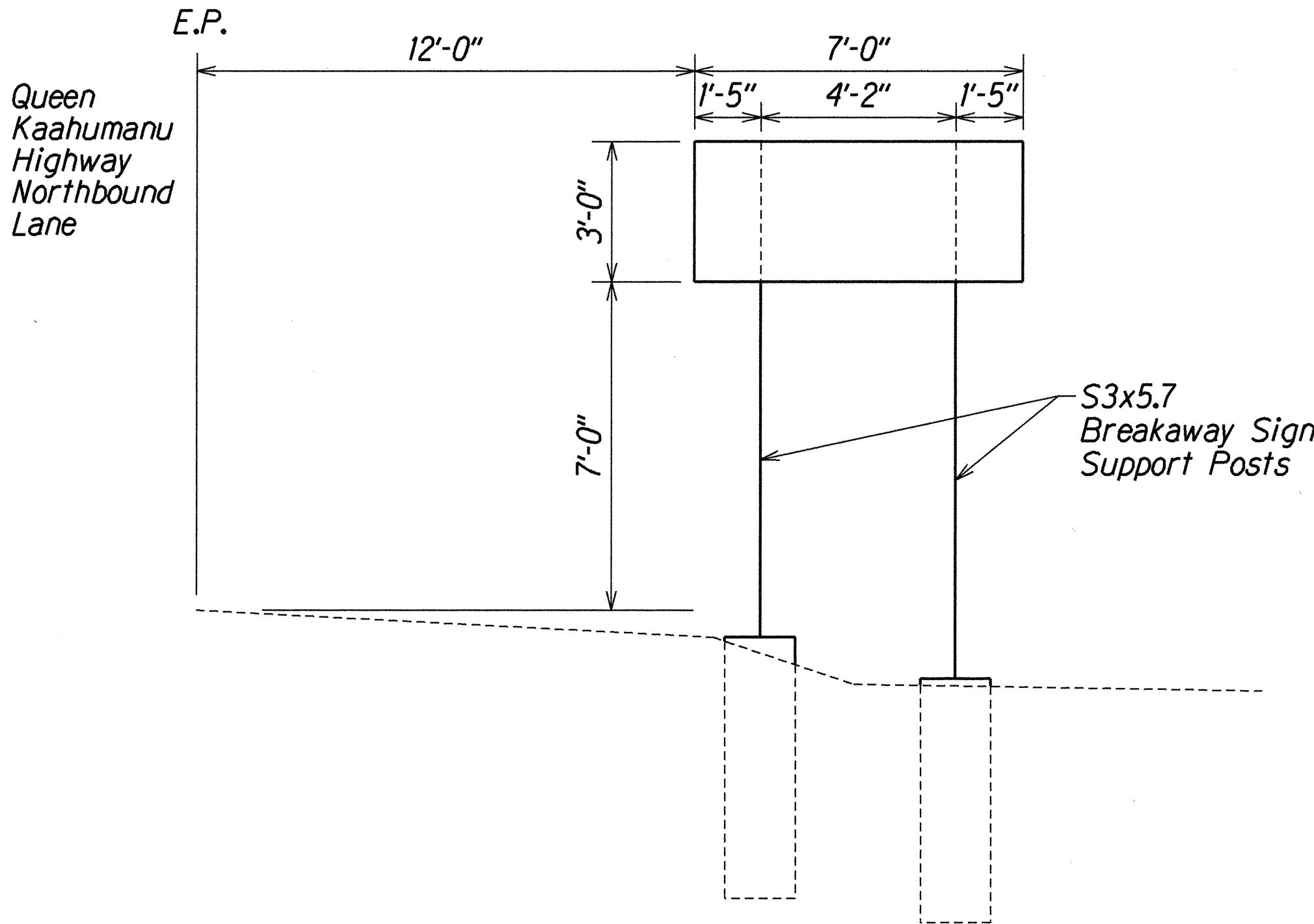
Radii For Signs		
Least Dimension Of Sign	W	R
2'-0" TO 4'-6"	2"	3"
4'-9" TO 5'-6"	2"	6"
5'-9" TO 7'-6"	2"	9"
7'-9" and Greater	2"	12"



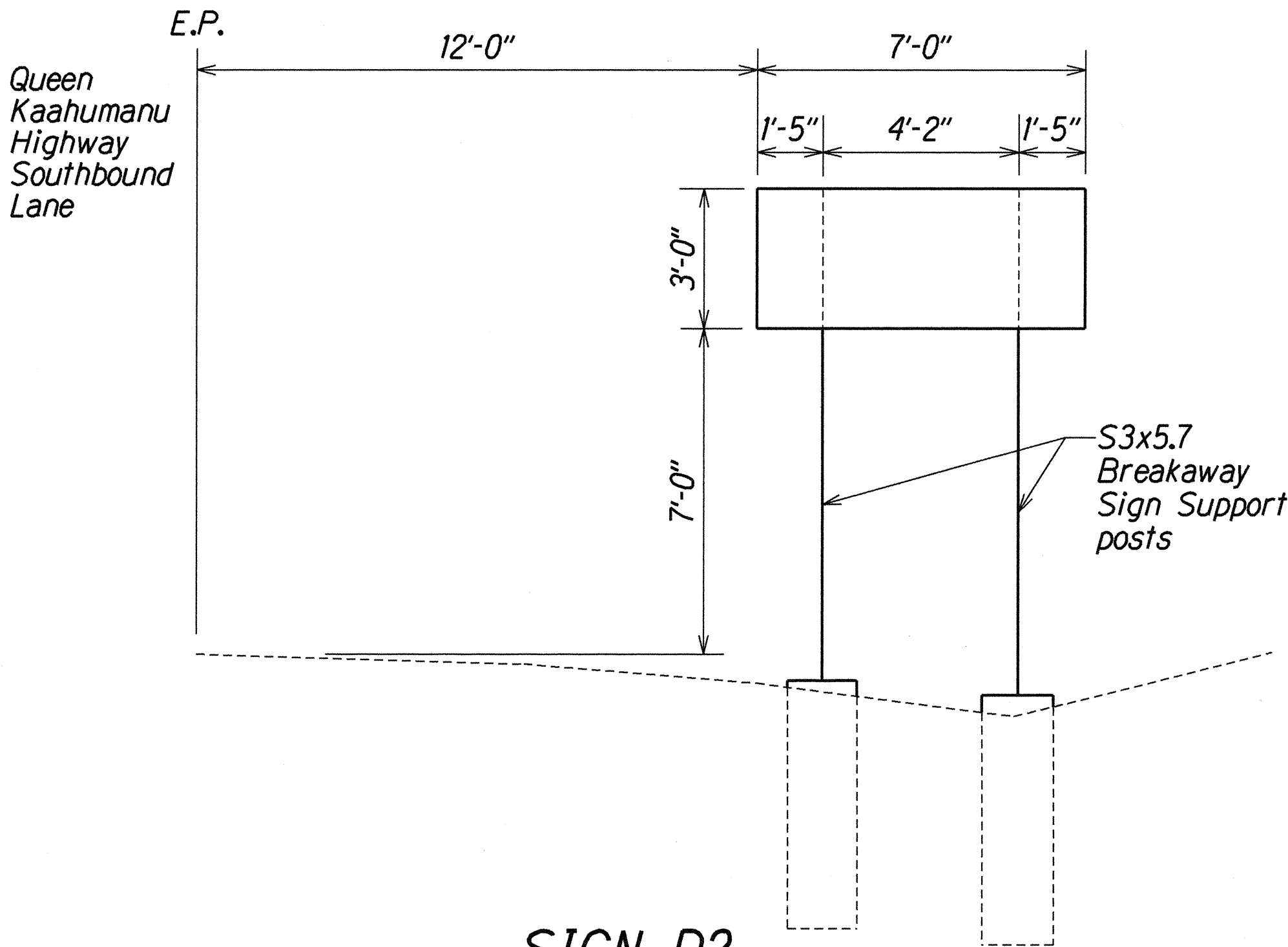
D1
Scale: 3/4" = 1'-0"



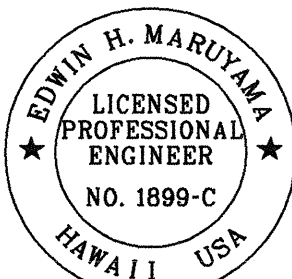
D2
Scale: 3/4" = 1'-0"



SIGN D1
Queen Kaahumanu Highway
Sta. 1189+00
Scale: 3/8" = 1'-0"



SIGN D2
Queen Kaahumanu Highway
Sta. 1209+93
Scale: 3/8" = 1'-0"



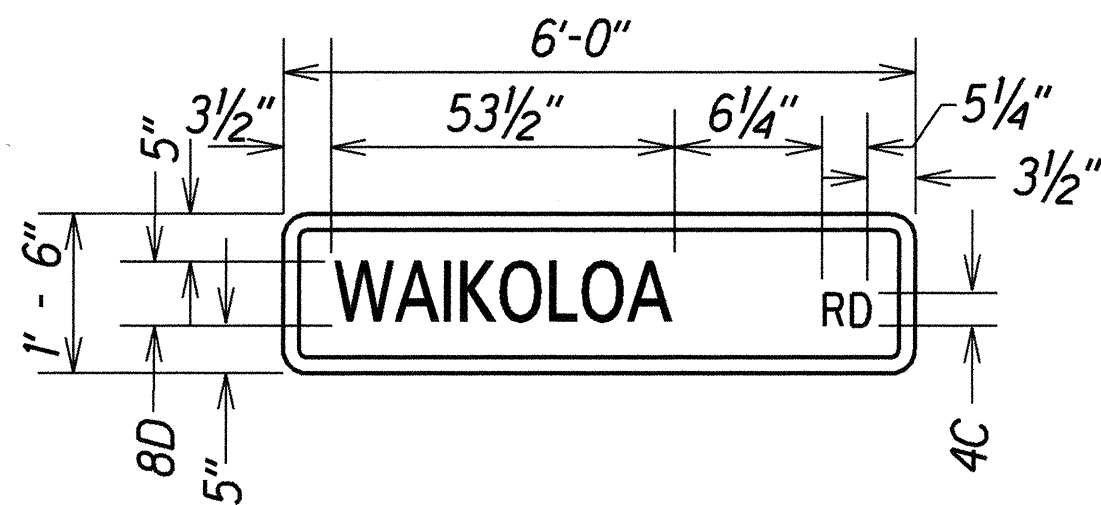
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

Edwin H. Maruyama
FUJITA & ASSOCIATES, INC.

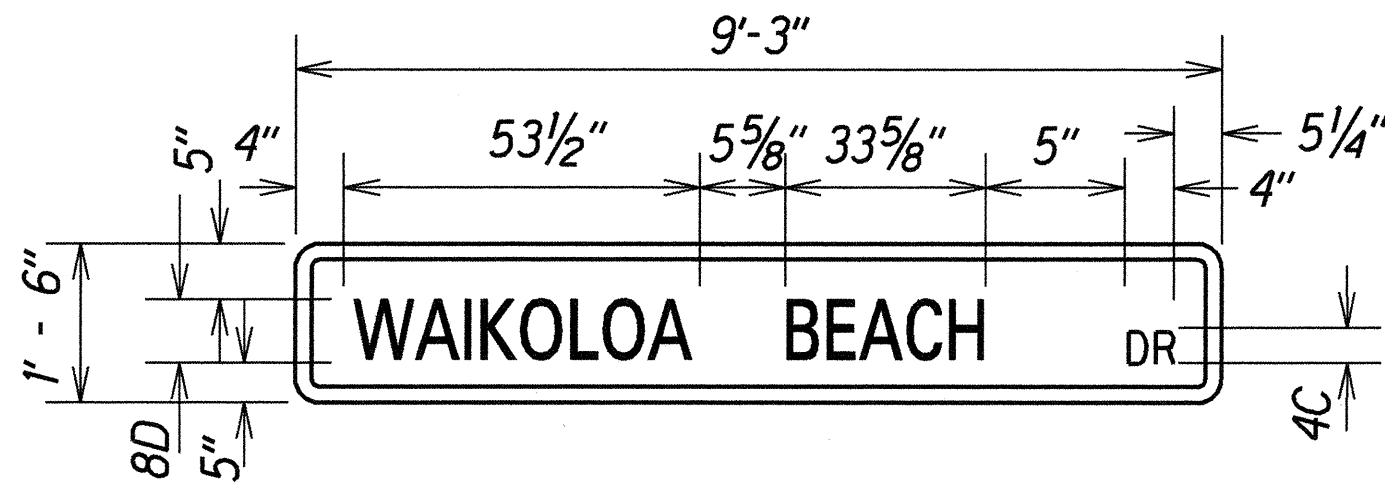
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DESTINATION SIGNS
NOTES AND MISC. DETAILS
Queen Kaahumanu Highway
Traffic Operational Improvements
At Waikoloa Beach Drive and Waikoloa Road
Project No. 19C-01-02
Scale: As Shown
Date: May 2002
SHEET No. DSI OF 3 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	DATE
NOTED BY	DATE
CHECKED BY	DATE
QUANTITIES BY	DATE
DESIGNED BY	DATE
NOTED BY	DATE
CHECKED BY	DATE
QUANTITIES BY	DATE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19C-01-02	2002	20	34



HANGING SIGN-WAIKOLOA ROAD.
Not to Scale

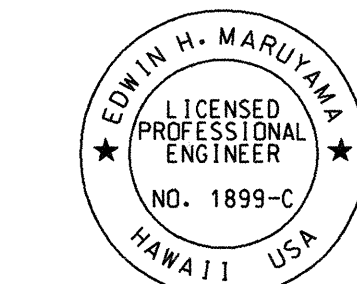


HANGING SIGN-WAIKOLOA BEACH DRIVE
Not to Scale

SIGN NOTES

- 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.
- Backing for all new Regulatory and Warning Signs shall not be spliced.
- All sign panels shall conform to Section 621 of Special Provisions and the latest editions and amendments of the following FHWA publications:
 - "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
 - "Standard Highway Signs."
 - "Standard Alphabets for Highway Signs."
- Borders, messages, arrows, symbols and shields shall conform to details as shown on the plans and as specified in the MUTCD.
- Sign messages shall be as indicated on the plan.
- 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.
- All new and relocated signs and markers installed on pipe posts, light standard or expressway sign post are to be mounted with band brackets and steel braces.
- 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.
- Removal of Existing Delineators and Posts shall be considered incidental to the various signing items.
- 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.
- Install type 11 object marker on all utility poles or trees that are within the State highway right of way and within 30 feet of the roadway edge of pavement shall be marked as directed by the Engineer.
- The Contractor shall notify the Hawaii County, Department of Public Works, 2 weeks prior to commencing any work on loop detectors or the traffic signal system.
- Dept. of Public Works, County of Hawaii, will assist the Engineer in construction inspection for the work on loop detectors and the traffic signal system.
- The exact locations of the new loop detectors shall be determined in the field by the Engineer.
- All structural supports for the signs shall be designed in accordance with the "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals", 4th Edition, 2001.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N.	DESIGNED BY	
	CHECKED BY	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

Edwin H. Maruyama
FUJITA & ASSOCIATES INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**MISC. SIGNS, HANGING
SIGNS AND SIGN NOTES**

*Queen Kaahumanu Highway
Traffic Operational Improvements
At Waikoloa Beach Drive and Waikoloa Road
Project No. 19C-01-02*

Scale: No Scale Date: May 2002

SHEET No. DS2 OF 3 SHEETS

