

All signs shall conform to Section 621 of the 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 shield shall conform to details as shown on the plans and as specified in the MUTCD.

Sign messages shall be as indicated on the plan, or as directed by the Engineer.

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

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

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

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.

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 the plans shall be incidental to the various signing items.

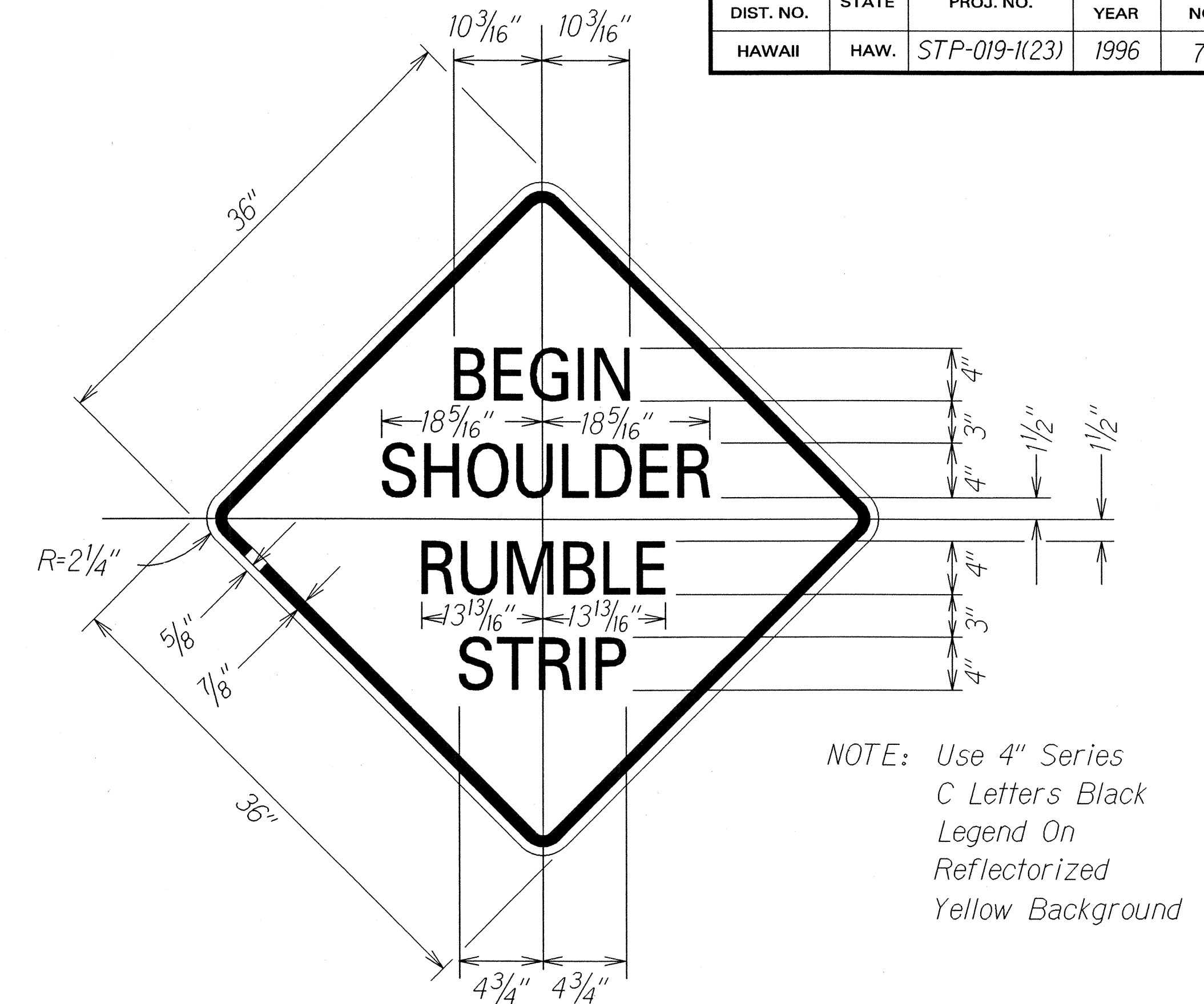
Removal of Existing Delineators and Posts shall be considered incidental to the various signing items.

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

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

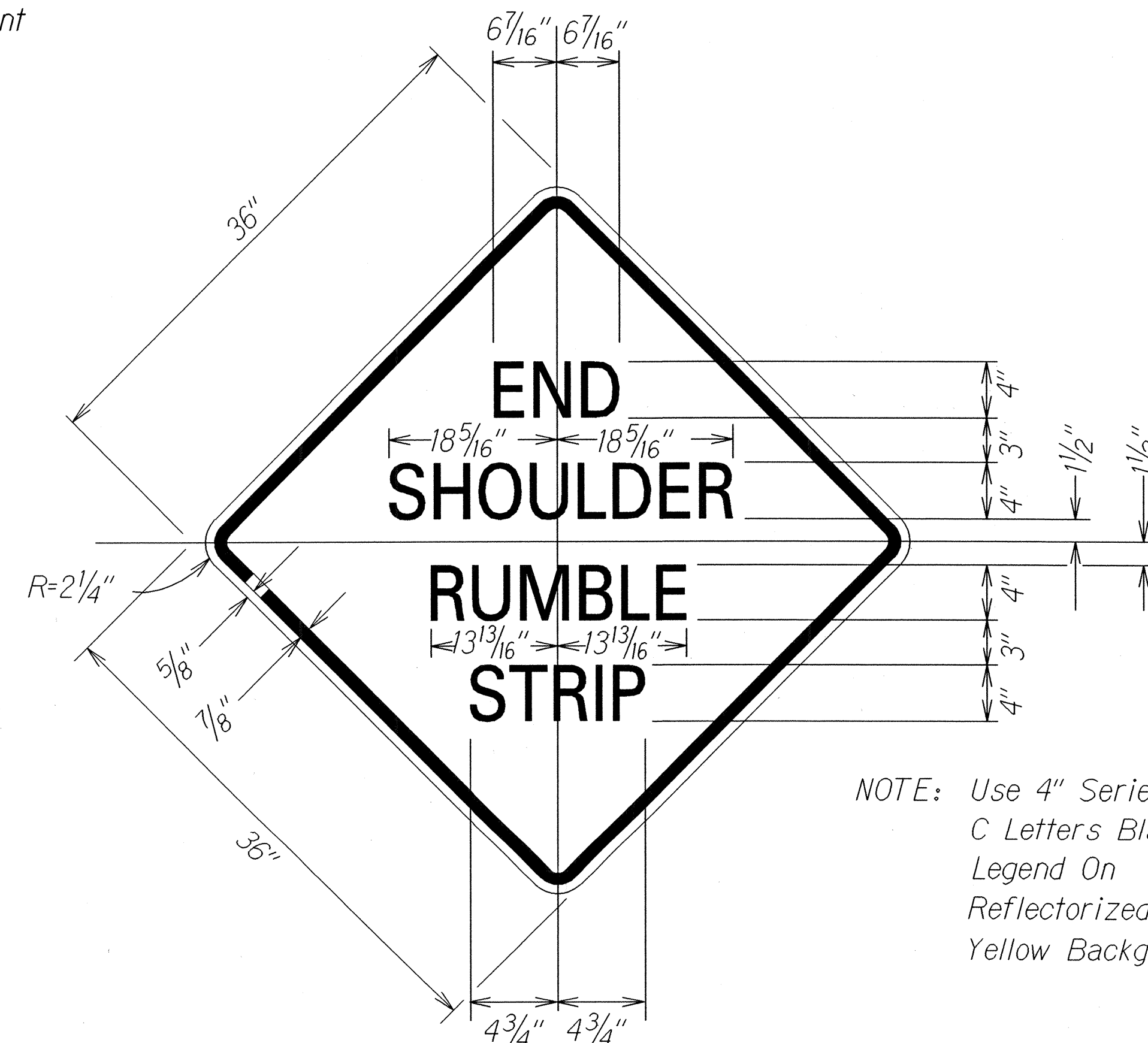
Contractor shall mark the back of all signs using labels and equipment provided by the State. Payment to be incidental to various contract items.

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE							
STATION	LEFT	RIGHT	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)	
						W/POST	WO/POST
127+70	●		END SHOULDER RUMBLE STRIP			1	
127+70		●	BEGIN SHOULDER RUMBLE STRIP			1	
1037+47	●		BEGIN SHOULDER RUMBLE STRIP			1	
1042+20		●	END SHOULDER RUMBLE STRIP			1	
1067+35	W	●	END SHOULDER RUMBLE STRIP			1	
1065+00 76		●	BEGIN SHOULDER RUMBLE STRIP			1	
1142+50 00	●		BEGIN SHOULDER RUMBLE STRIP			1	
1143+30 85		●	END SHOULDER RUMBLE STRIP			1	
TOTAL						8	
459+78		●	END SHOULDER RUMBLE STRIP			1	
494+50		●	BEGIN SHOULDER RUMBLE STRIP			1	
572+56	●		END SHOULDER RUMBLE STRIP			1	
572+69		●	BEGIN SHOULDER RUMBLE STRIP			1	
TOTAL						12	




BEGIN SHOULDER RUMBLE STRIP SIGN

Note: Begin Shoulder Rumble Strip signs shall be installed 50 feet before the first rumble strip depression. End Shoulder Rumble Strip signs shall be installed 50 feet beyond the last rumble strip depression.



END SHOULDER RUMBLE STRIP SIGN

NOTE: Use 4" Series
C Letters Black
Legend On
Reflectorized
Yellow Background

<h2 style="text-align: center;">LEGEND FOR</h2> <h2 style="text-align: center;">AS-BUILT POSTINGS</h2>	
	Squiggly line for as-built deletion
100.00	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN DETAILS AND NOTES

QUEEN KAAHUMANU HIGHWAY
SHOULDER IMPROVEMENTS

Keahole to Waikoloa
Federal Aid Project No. STP-019-1(23)

Scale: Not To Scale Date: May, 1996

SHEET No. 1 OF 1 SHEETS