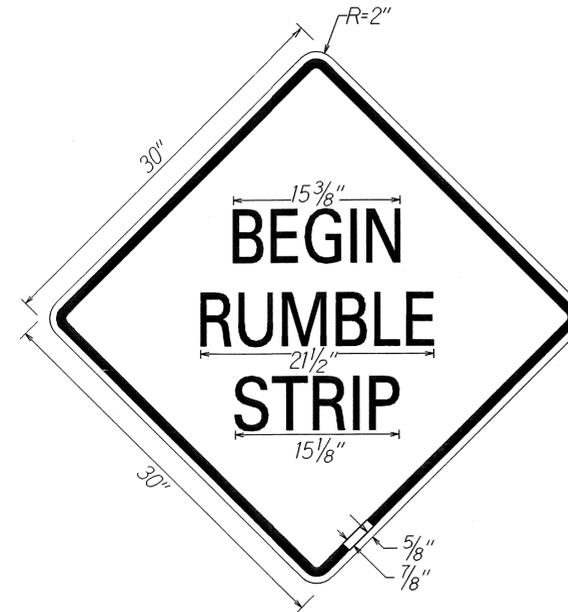


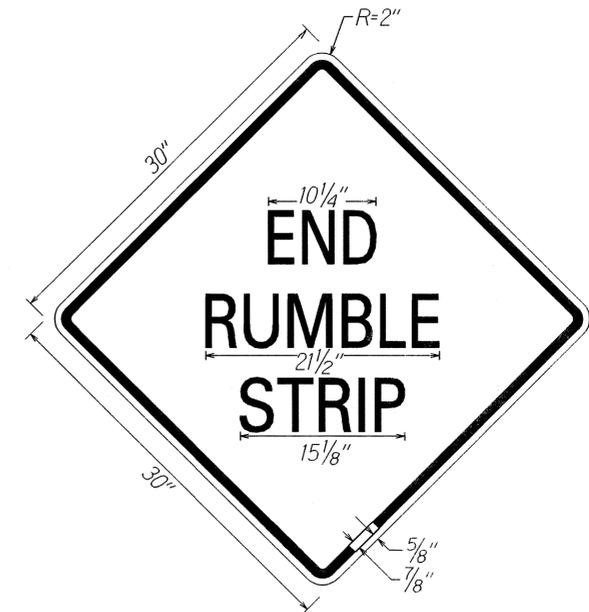
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HRRP-0580(4)	2009	7	14

SIGN NOTES

- All signs shall conform to Section 630 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"
- Sign W17-2 shall be reflectorized with reflective sheeting and shall have $\frac{3}{8}$ o bolt holes drilled at appropriate locations.
- 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.
- 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 these plans shall be 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.



W17-2a



W17-2b

NOTE:

- Black legend on reflectorized yellow background.
- Begin Rumble Strip signs shall be installed 50 feet before the first rumble strip depression. End Rumble Strip signs shall be installed 50 feet beyond the last rumble strip depression.

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
NOTE BOOK DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RUMBLE STRIP SIGN DETAILS AND NOTES

KUAMOO ROAD SAFETY IMPROVEMENTS
Vicinity of Opaekaa Falls
Federal-Aid Project No. HRRP-0580(4)

Date: March 2009