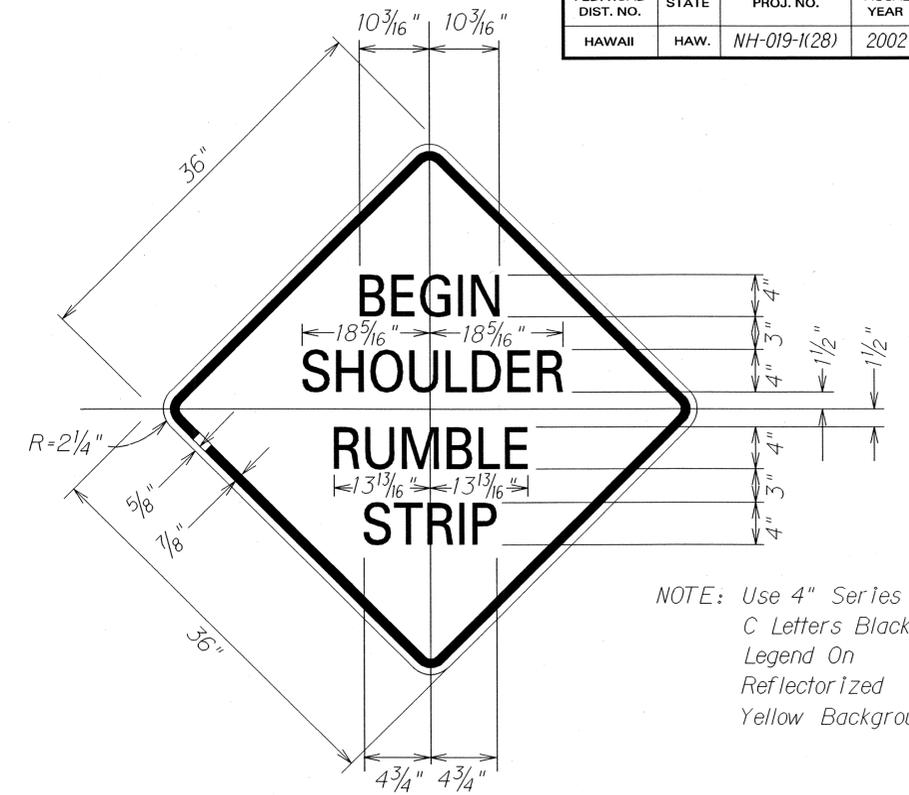


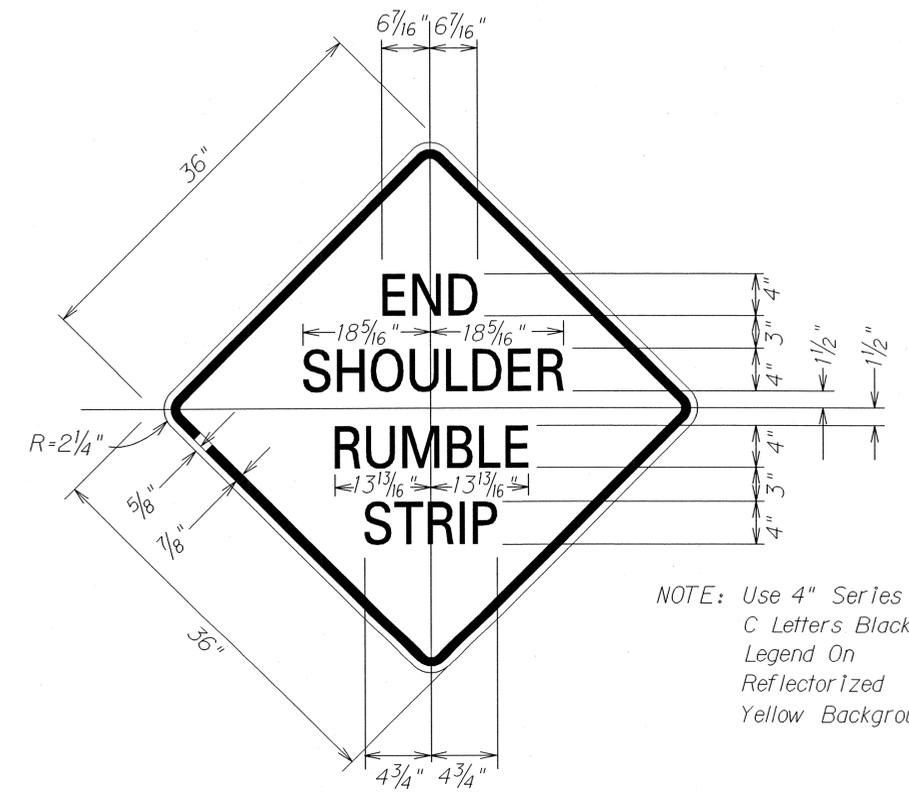
SIGN NOTES

- 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 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.
- 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.
- 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.



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

BEGIN SHOULDER RUMBLE STRIP SIGN



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

END 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.

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

| STATION | LEFT | RIGHT | TYPE | SIGN TO REMAIN | REMOVE | INSTALL (10 SQ. FT. OR LESS) | |
|---------|------|-------|-----------------------------|----------------|--------|------------------------------|---------|
| | | | | | | W/POST | WO/POST |
| 87+50 | | ● | BEGIN SHOULDER RUMBLE STRIP | | | 1 | |
| 91+74 | | ● | END SHOULDER RUMBLE STRIP | | | 1 | |
| 1504+50 | | ● | END SHOULDER RUMBLE STRIP | | | 1 | |
| 1504+50 | ● | | BEGIN SHOULDER RUMBLE STRIP | | | 1 | |
| TOTAL | | | | | | 4 | |

SURVEY PLOTTED BY: _____ DATE: _____
 DESIGNED BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN: _____
 NOTE BOOK: _____
 DEPARTMENT: _____
 NO. 507

| | |
|--|---|
| 12/10/01 | Plan Sheet No. ADD.8 shall supercede Plan Sheet No. 8 per Addendum No. 1. |
| DATE | REVISION |
| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SHOULDER RUMBLE STRIP SIGN DETAILS AND NOTES QUEEN KA'AHUMANU HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS F. A. PROJECT NO. NH-019-1(28) | |
| Scale: Not To Scale Date: April, 2001 | |
| SHEET No. 1 OF 1 SHEETS | |