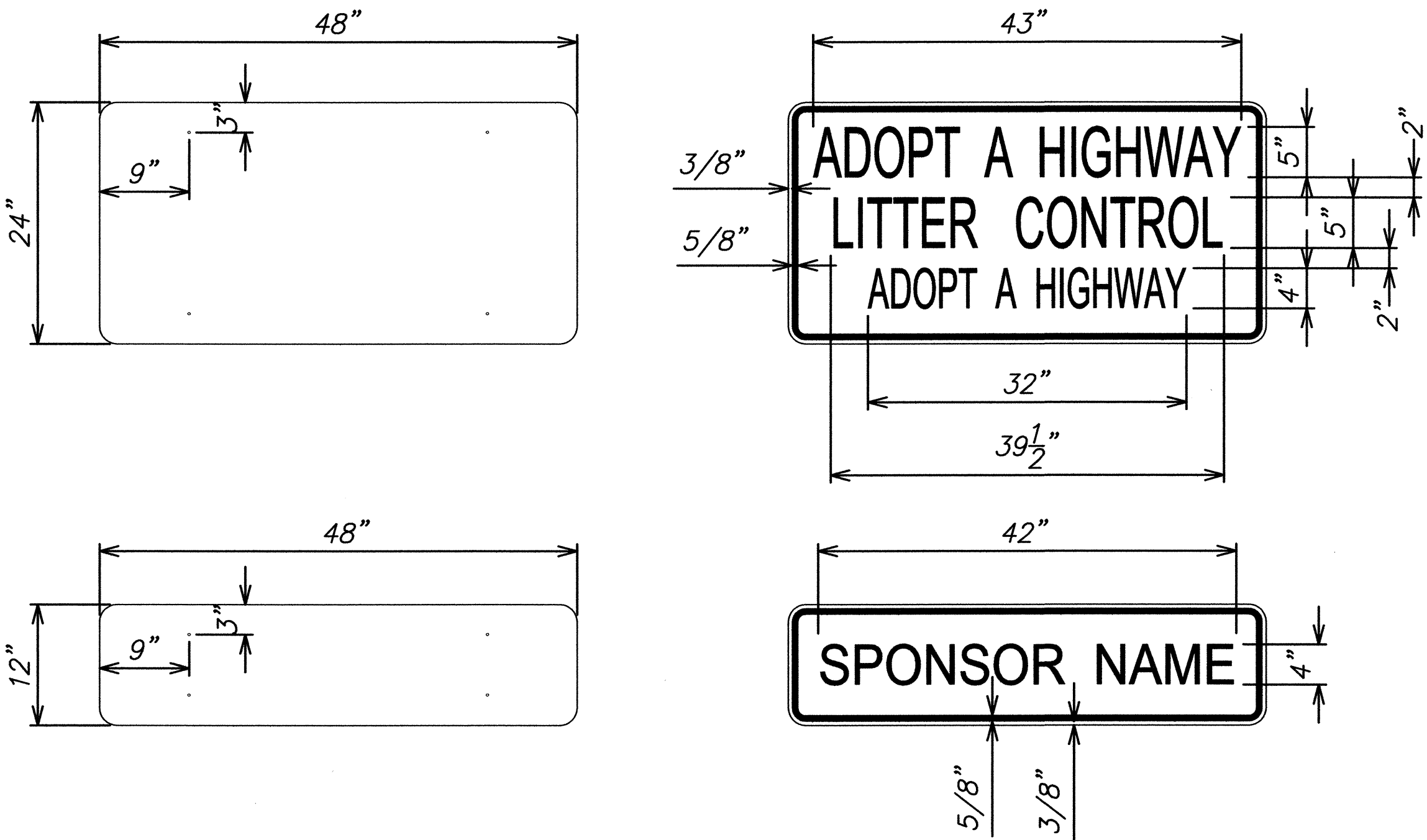


SIGN NOTES:

1. The Contractor shall replace all existing 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 "S".
  - 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 latest edition of 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 ore 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 pasts 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. Square tube sign posts required for the installation of destination signs shall be considered incidental to various contract items.
19. W1-8 signs shall be installed with its face perpendicular to the roadway centerline.
20. 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.
21. RM-3 Yellow Reflector Markers shall be attached to each square tube sign post. Payment shall be considered incidental to the various contract items.
22. Contractor shall cover all newly installed R2-1-A, R2-4a, and W3-5 signs and shall not remove the existing R2-1 and R2-5b signs until instructed to do so. The Engineer will notify the Contractor when these signs can be uncovered and removed.



Legend: Blue  
Background: White

SIGN DETAIL  
Scale: 1" = 1'-0"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190B-02-04M	2006	25	30

RYAN G. QUITORIANO

LICENSED PROFESSIONAL ENGINEER

No.11122-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Expiration Date of the License 04/30/08

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

SIGNAGE NOTES

MAMALAHOA HIGHWAY PAVEMENT PREVENTIVE MAINTENANCE

Puu Waawaa Ranch to Kaupulehu

Project No. 190B-02-04M

Scale: As Shown Date: April 2006

SHEET NO. 1 OF 1 SHEETS