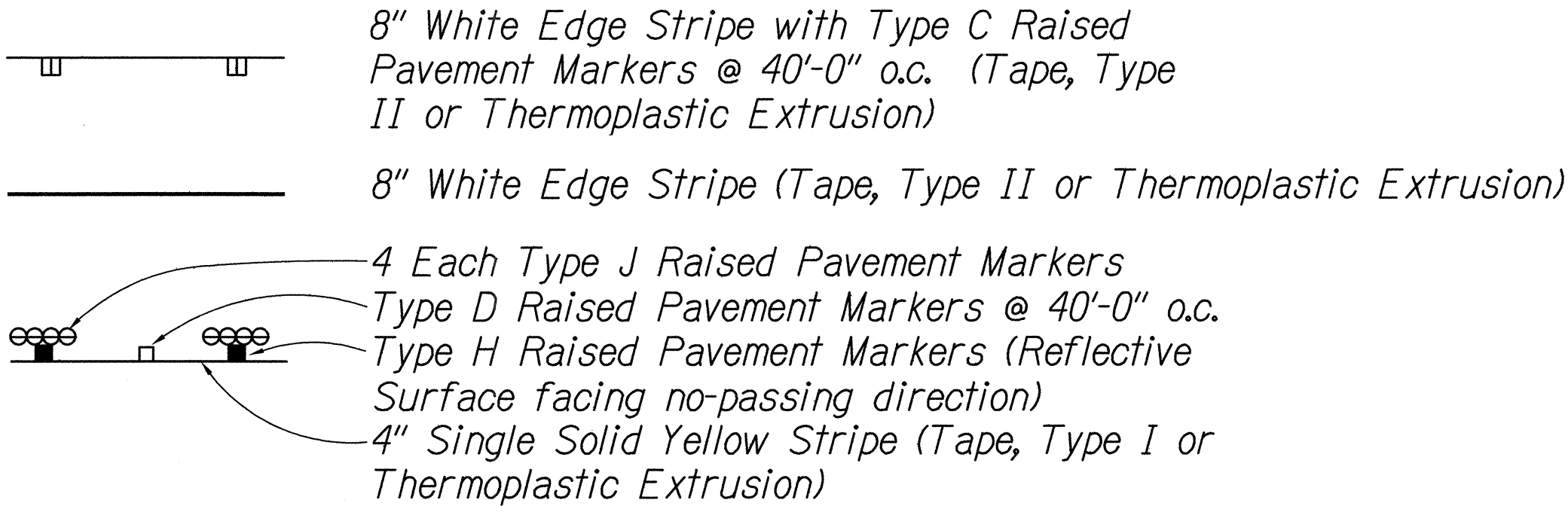


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(2)	2001	117	145

LEGEND:

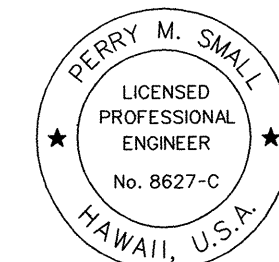


NOTES:

1. Layout pavement markings and striping for acceptance by the Engineer prior to any installation work.
2. Remove and dispose of existing pavement markings in conflict with the Contract or as ordered by the Engineer. This work will not be measured or paid for separately, and will be considered incidental to the various pavement marking contract items.
3. Existing signs not shown on Plans shall remain as posted unless otherwise ordered by the Engineer. Removal and disposal of existing signs and/or posts as designated on Plans shall be incidental to the various signing items.
4. All pavement striping shall be as noted on the legend or plans, or as ordered by the Engineer.
5. All preformed pavement marking tapes over existing pavement shall be applied with an acceptable primer as recommended by the tape manufacturer and as accepted by the Engineer. Allow the primer to dry to the tacky stage prior to tape application.
6. Backing for all new Regulatory and Warning Signs shall not be spliced.
7. All sign panels shall conform to Section 621 of Special Provisions and 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 Alphabet for Highway Signs"
8. Border, messages, arrows, symbols and shields shall conform to details as shown on Plans and as specified in the MUTCD.
9. Sign messages shall be as indicated on the Plan.
10. All panels shall be reflectorized in accordance with Sub-Section 712.20 of the Standard Specifications. Minimum width of panels shall be 2 feet, abutting edges of panels shall be in only one direction if vertical abutting edges are used, no horizontal abutting edges will be allowed and vice versa.
11. 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.
12. Removing existing signs and reinstalling on new post will not be paid for separately, and will be considered incidental to the various signing items.
13. Install Type II Object Marker on all utility poles or tree that are within the State Highway right-of-way and within 50 feet of the roadway edge of pavement shall be marked as ordered by the Engineer.

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

1/2/KAALAALA/SGN/SGN02dgn May 2001



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.  
*Perry M. Small*

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKINGS AND SIGNING**  
**LEGEND, DETAILS, AND NOTES**

MAMALAHOA HIGHWAY, EMERGENCY  
REPLACEMENT OF KAALAALA STREAM BRIDGE  
FEDERAL-AID PROJECT NO. ER-12(2), PAHALA, HAWAII

Scale: None      Date: FEBRUARY 20, 2001

SHEET No. BC23 OF 28 SHEETS