

NOTES

1.

Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2.

Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
3.

Raised pavement markers shall not be installed within crosswalks.
4.

All pavement striping shall be as noted on the legend or plans.
5.

All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as directed by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
6.

Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
7.

Final locations of all signs shall be approved by the Engineer prior to any installation work.
8.

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.
9.

Backing for all new Regulatory and Warning Signs shall not be spliced.
10.

Interstate Route Marker Symbols shall conform to details shown on the plans and as specified in the MUTCD.
11.

All sign panels shall conform to Section 621 of 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."

12.

Borders, messages, arrows, symbols and shields shall conform to details as shown on the plans and as specified in the MUTCD.
13.

Sign messages shall be as indicated on the plan.
14.

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.
15.

All new and relocated signs and markers installed on light standards or expressway sign posts are to be mounted with band brackets and steel braces.
16.

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 or as directed by the engineer shall be incidental to the various signing items.
17.

Removal of Existing Delineators and Posts as designated on these plans or as directed by the engineer shall be considered incidental to the various signing items.
18.

Removing and reinstalling existing Street Name Signs on Regulatory and Warning Sign Post shall not be paid for separately but shall be considered incidental to the various signing items.

19.

The Contractor shall notify the Traffic Signal Branch, Dept. of Transportation Services, City & County of Honolulu, 2 weeks prior to commencing any loop detector work.
20.

Dept. of Transportation Services, City & County of Honolulu, will assist the Engineer in construction inspection for the loop detector work.
21.

The exact locations of the new loop detectors shall be determined in the field by the Engineer.
22.

Loop detectors damaged during the Contractor's reconstruction of pavement areas or cold planing operation, shall be replaced within 48 hours. Replacement and location of the new loop detectors shall be as directed by the Engineer.
23.

The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs placed as indicated on the plans or as directed by the Engineer for the duration of the highway project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic control signs called for in Section 645 - Traffic Control. The advance construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the Oahu District Baseyard upon the completion of the project.
24.

The first letter of the Cardinal Directional words (North, South, East, & West) shall be 10 percent larger, rounded up to the nearest whole number size.
25.

The Contractor shall remove all existing Reflector Markers and supports mounted on the existing Portable Concrete Median Barriers from & Sta. 60+00± Lt. to & Sta. 86+25± Rt. The Contractor shall install new RM-3 (Bi-Directional) with supports at the midpoint of each Portable Concrete Barrier, see Sheet 11 for details. The removal of the existing Reflector Marker Items. All bolt holes & support shall not be paid for separately but considered incidental to the various Reflector Marker Items. All bolt holes resulting from the removal of existing Reflector Markers mounted on the existing Concrete Barriers shall be plugged with an Engineer approved mortar. Any damages to the existing barrier caused by the Contractor's operation shall be repaired by the Contractor at his own expense and to the satisfaction of the Engineer. This work shall not be paid for separately but considered incidental to the various Reflector Marker items.

DESTINATION (D) SIGN NOTES

1.

The Contractor shall verify the locations of the existing Sign Panels and supports.
2.

New sign panels shall be laminated aluminum or extruded aluminum.
3.

Contractor shall submit all sign splicing details to the Engineer for approval. All backing for signs 4 feet by 6 feet or less shall be of one sheet.
4.

Destination Sign Posts and Foundation shall be as noted on the plans. See Sheet Nos. T10, T11 & T12 for Sign Details and Frame Layout
5.

Incidental parts and services, not shown on the plans or specified but deemed necessary for the sign installation, shall be furnished and installed by the Contractor as part of the work contracted.
6.

Removal and disposal of existing sign panels, posts with foundation, and supports will not be paid for separately, but shall be considered incidental to the various signing items.
7.

Letter Size:

a.

When letters are all uppercase, use series "E"

b.

When initial uppercase letter is used in conjunction with lowercase letters, use series "E"(M) for uppercase
8.

The background for the Destination (D) Signs, Exit Number Panels, and Gore Exit Signs shall be reflectorized with Type III or IV reflective sheeting.
9.

The message, arrows, and borders for the Destination (D) signs, Exit Number Panels, and Gore Exit Signs shall be reflectorized with Type III or IV retroreflective sheeting or with porcelain enameled aluminum cut-outs with acrylic plastic reflex reflectors.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(3)	1993	21	34

ORIGINAL PLAN	DESIGNED BY	DATE
	TRACED BY	
	NOTED BY	
	CHECKED BY	

6/14/93	Add Note No. 25
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION TRAFFIC NOTES FORT WEAVER ROAD RESURFACING H-1 to Farrington Interchange F.A. PROJECT NO. STP-076-1(3) Date: May 1993 SHEET No. T2 OF 15 SHEETS	