

Sign Notes:

1. Background for sign panels shall be reflectorized with Type III or IV retroreflective sheeting (High Intensity or High Performance Grade).

2. Letters shall be reflectorized with porcelain enameled aluminum cut-outs with acrylic plastic reflex reflectors or Type III or IV Retroreflective sheeting (High Intensity or High Performance Grade).

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. New signs panels shall be laminated or extruded aluminum.

5. 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.

6. Supplemental Street Name Signs (D3-2 Series) and Street Name Signs (D3-1 Series) shall be Considered incidental to the various signing items.

7. For sign post mounting refer to Standard Plan TE-01, Miscellaneous Sign Details and TE-03, Galvanized Square Tube Sign Post Mounting.

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

9. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer.

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

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 posts as designated on these plans shall be incidental to the various signing items.

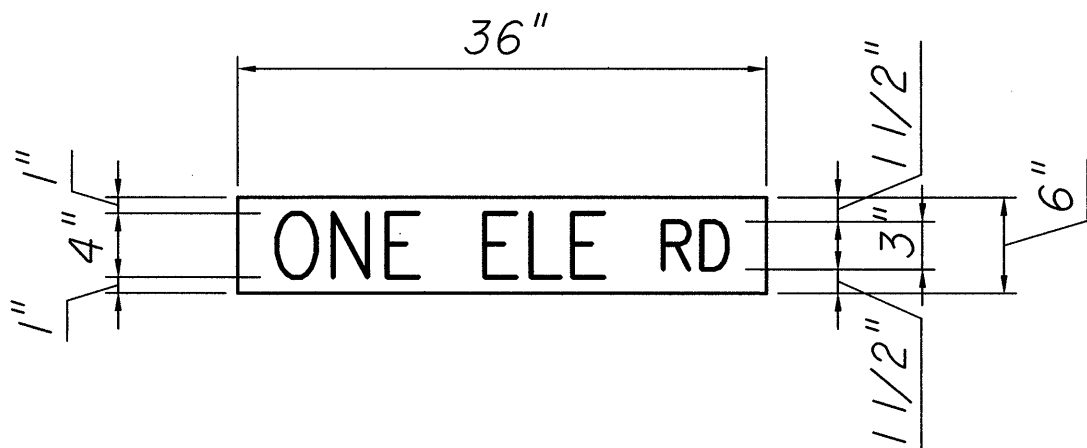
12. Final location of all Stop Lines shall be approved by the Engineer prior to installation.

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

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

15. Sign posts shall be square tube posts unless shown on these plans or directed by the Engineer.

16. Refer to standard Alphabets for Highway Signs to determine series and spacing.

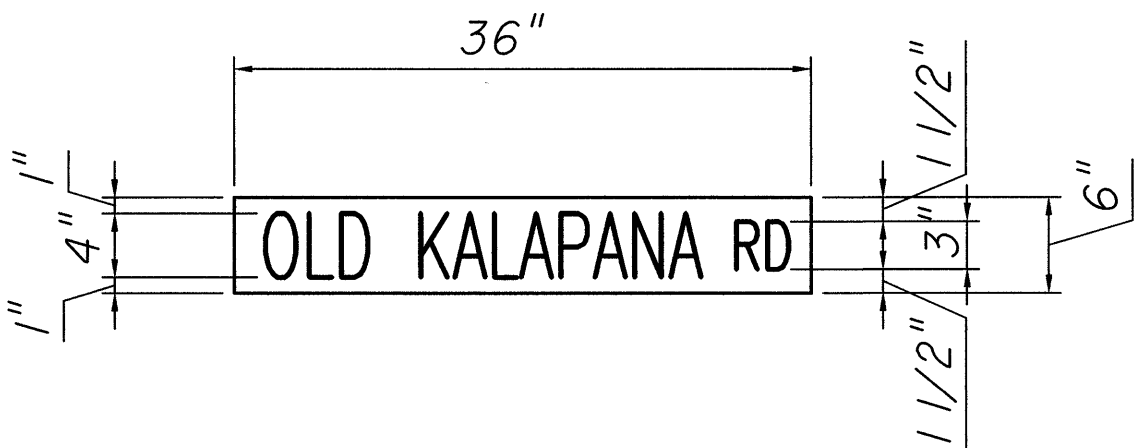


SUPPLEMENTAL
STREET NAME SIGNS

Scale: 1" = 1'-0"

Background: Yellow (Reflectorized)
Letters: Black (Non-Reflectorized)

Dimensions Typical for:
D3-2: One Ele Rd.



STREET NAME SIGNS

Scale: 1" = 1'-0"

Background: Green (Reflectorized)
Letters: White (Non-Reflectorized)

Dimensions Typical for:
D3-1: Old Kalapana Rd.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130A-01-97M	1997	14	15

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
SIGN DETAILS & NOTES
KALAPANA ROAD RESURFACING M.P. 19.98 TO M.P. 16.70 Project No. 130A-01-97M
SCALE: No scale DATE: April 1997
SHEET No. 14 OF 14 SHEETS