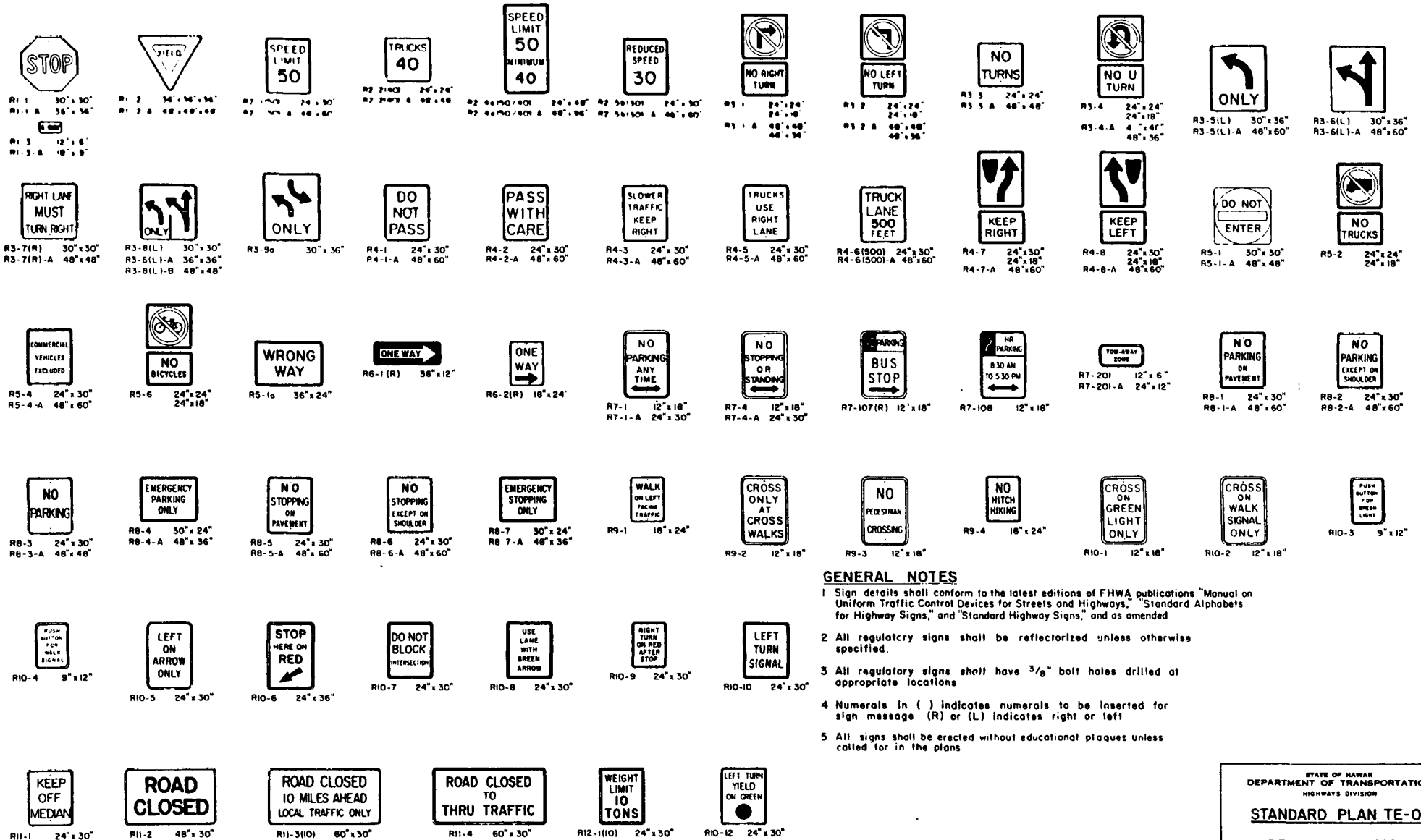




GENERAL NOTES

- 1 Sign details shall conform to the latest editions of FHWA publications "Manual on Uniform Traffic Control Devices for Streets and Highways," "Standard Alphabets for Highway Signs," and "Standard Highway Signs," and as amended
- 2 All regulatory signs shall be reflectorized unless otherwise specified.
- 3 All regulatory signs shall have 3/8" bolt holes drilled at appropriate locations
- 4 Numerals in () indicates numerals to be inserted for sign message (R) or (L) indicates right or left
- 5 All signs shall be erected without educational plaques unless called for in the plans

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD PLAN TE-04

REGULATORY SIGNS

7/1/87	Deleted Sign R3-9 and Added Signs R3-9a and R10-12.	RK
DATE	REVISION	APP'D.

Enoch Tanaka
APPROVED
1/31/86
DATE



W1-1(R) 30" x 30"
W1-1(R)-A 48" x 48"



W1-2(R) 30" x 30"
W1-2(R)-A 48" x 48"



W1-3(R) 30" x 30"
W1-3(R)-A 48" x 48"



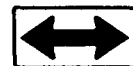
W1-4(R) 30" x 30"
W1-4(R)-A 48" x 48"



W1-5(R) 30" x 30"
W1-5(R)-A 48" x 48"



W1-6 48" x 24"



W1-7 48" x 24"



W2-1 30" x 30"
W2-1-A 48" x 48"



W2-2 30" x 30"
W2-2-A 48" x 48"



W2-3(R) 30" x 30"
W2-3(R)-A 48" x 48"



W2-4 30" x 30"
W2-4-A 48" x 48"



W2-5 30" x 30"
W2-5-A 48" x 48"



W3-1 30" x 30"
W3-1-A 36" x 36"



W3-2 30" x 30"
W3-2-A 36" x 36"



W3-3 36" x 36"
24" x 18"



W4-1(R) 30" x 30"
24" x 18"
W4-1(R)-A 48" x 48"
24" x 18"



W4-2(R) 36" x 36"
W4-2(R)-A 48" x 48"



W5-1 36" x 36"
W5-1-A 48" x 48"



W5-2 30" x 30"
W5-2-A 36" x 36"



W5-3 36" x 36"
W5-3-A 48" x 48"



W6-1 36" x 36"
24" x 18"
W6-1-A 48" x 48"
24" x 18"



W6-2 36" x 36"
24" x 18"
W6-2-A 48" x 48"
24" x 18"



W6-3 30" x 30"
24" x 18"
W6-3-A 36" x 36"
24" x 18"
W6-3-B 48" x 48"
24" x 18"



W7-1 30" x 30"
24" x 18"
W7-1-A 48" x 48"
24" x 18"



W7-2 24" x 18"



W8-1 30" x 30"
W8-1-A 36" x 36"
W8-1-B 48" x 48"



W8-2 30" x 30"
W8-2-A 36" x 36"
W8-2-B 48" x 48"



W8-3 30" x 30"
W8-3-A 36" x 36"



W8-4 30" x 30"
W8-4-A 36" x 36"



W8-5 30" x 30"
24" x 18"
W8-5-A 36" x 36"
24" x 18"



W9-1(R) 30" x 30"
W9-1(R)-A 36" x 36"
W9-1(R)-B 48" x 48"



W9-2(L) 36" x 36"
W9-2(L)-A 48" x 48"



W10-1 36" Diameter



W11-1 30" x 30"
24" x 18"
W11-1-A 36" x 36"
24" x 18"
W11-1-B 48" x 48"
24" x 18"



W11A-1 30" x 30"
24" x 18"
W11A-2 36" x 36"
24" x 18"
W11A-2-B 48" x 48"
24" x 18"



W11-4 30" x 30"
24" x 18"
W11-4-A 36" x 36"
24" x 18"
W11-4-B 48" x 48"
24" x 18"



W11-5 30" x 30"
24" x 18"
W11-5-A 36" x 36"
24" x 18"
W11-5-B 48" x 48"



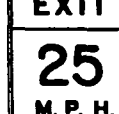
W12-1 24" x 24"
W12-1-A 36" x 36"
W12-1-B 48" x 48"



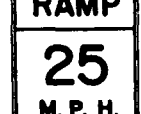
W12-2(12'-6") 36" x 36"
24" x 18"
W12-2(12'-6") 48" x 48"



W13-1(25) 18" x 18"
W13-1(25)-A 24" x 24"



W13-2(25) 48" x 60"



W14-1 30" x 30"
W14-1-A 36" x 36"



W14-3 36" x 48" x 48"
W14-3-A 48" x 64" x 64"



W14-4 36" x 48" x 48"
W14-4-A 48" x 64" x 64"

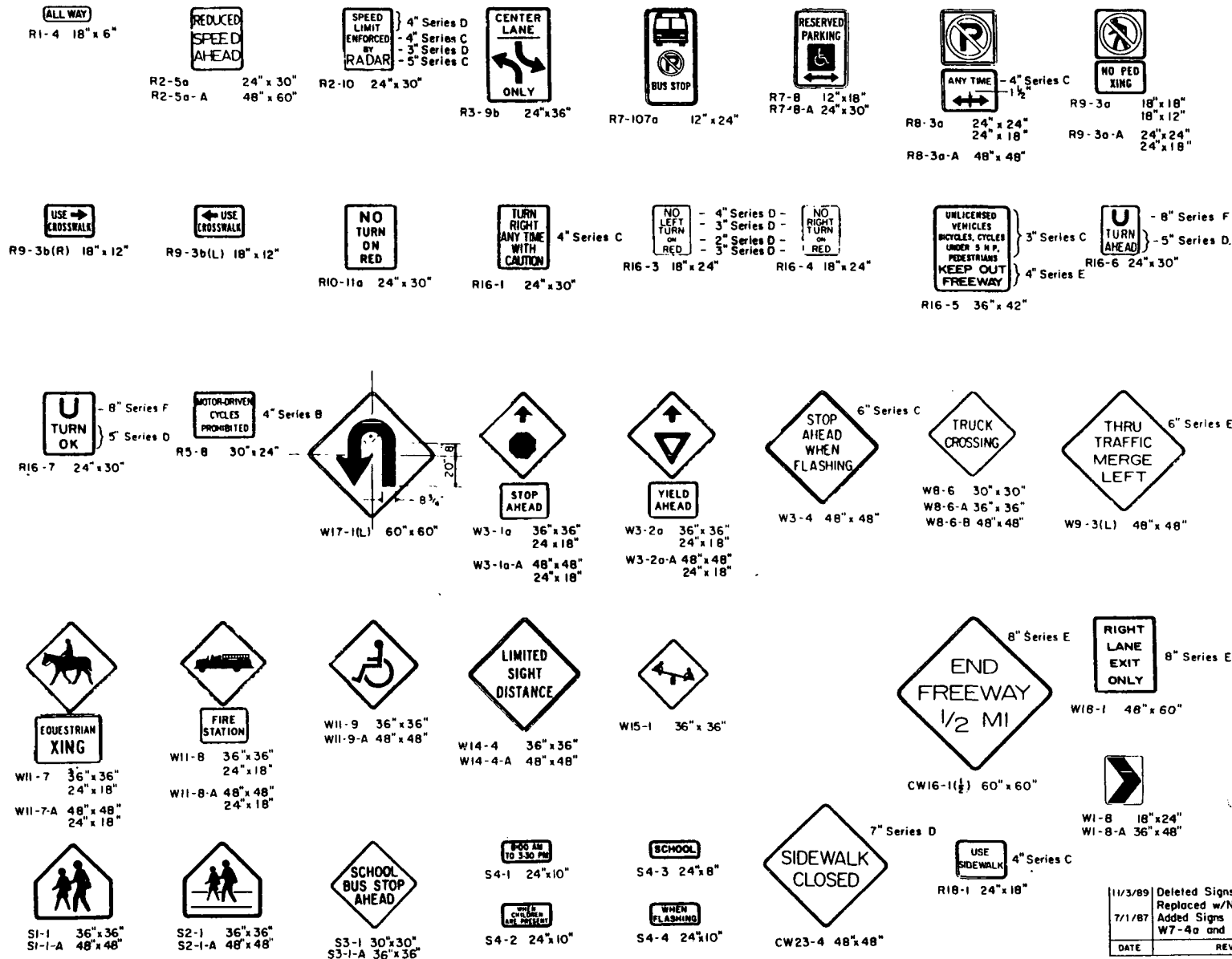
NOTE

1. All signs shall be erected without educational plaques unless called for in the plans.

GENERAL NOTES

1. Sign details shall conform to the latest editions of FHWA publications, "Manual on Uniform Traffic Control Devices for Streets and Highways", "Standard Alphabet for Highway Signs", and "Standard Highway Signs", and as amended.
2. All warning signs shall be reflectorized unless otherwise specified.
3. All warning signs shall have 3/8" bolt holes drilled at appropriate locations.
4. Numerals in () indicates numerals to be inserted for sign message (R) or (L) indicates right or left.
5. Signs prefixed with "CW" on the plans shall indicate orange and black construction signs, and shall be reflectorized.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
STANDARD PLAN TE-Q5		
WARNING SIGNS		
E. J. Tanaka 1/31/86		
DATE	REVISION	APPROVED



General Notes

- Sign details shall conform to the latest editions of the following FHWA publications:
 - "Standard Alphabets for Highway Signs," and as amended
 - "Standard Highway Signs," and as amended
 - "Manual on Uniform Traffic Control Devices for Streets and Highways," and as amended
- All signs shall be reflectorized with reflective sheeting, unless otherwise specified
- All signs shall have $\frac{3}{8}$ " bolt holes drilled at appropriate locations
- Numerals in () indicate numerals to be inserted for sign message (R) or (L) indicates right or left.
- Signs prefixed with "CW" on the plans shall indicate orange and black construction signs, and shall be reflectorized with reflective sheeting
- All signs shall be erected without educational plaques unless called for in the plans

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION			
STANDARD PLAN TE-06			
MISCELLANEOUS SIGNS			
11/3/89 Deleted Signs W15-1 & W15-2 7/1/87 Replaced w/New W15-1 Added Signs W1-8, W7-4, W7-4a and W14-2.		RK	
DATE	REVISION	APP'D	
		APPROVED	1/21/89 DATE



CW20-1a 48" x 48"



CW20-2d 48" x 48"



CW20-3b 48" x 48"



CW20-4d 48" x 48"



CW20-5d(L) 48" x 48"

CW20-7a 36" x 36"
24" x 18"
CW20-7a-A 48" x 48"
24" x 18"CW21-1 30" x 30"
CW21-1-A 48" x 48"

CW21-2 30" x 30"



CW21-3 36" x 36"



CW21-4 36" x 36"



CW21-5 30" x 30"



CW21-6 30" x 30"



CW22-1b 48" x 48"



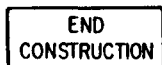
CW22-2 42" x 36"



CW22-3 42" x 36"



CG20-11(5) 60" x 36"



CG20-2 60" x 24"



CM4-9(R) 30" x 24"



CM4-10(R) 48" x 18"



CG20-4 36" x 18"



CW23-1 36" x 36"



CW23-2b 48" x 48"



CW23-3(R) 48" x 48"

GENERAL NOTES

- 1 Sign details shall conform to the latest editions of FHWA publications "Manual on Uniform Traffic Control Devices for Streets and Highways," "Standard Alphabets for Highway Signs," and "Standard Highway Signs," and as amended.
- 2 All construction signs shall be reflectorized.
- 3 All construction signs shall have 3/8" bolt holes drilled at appropriate locations.
- 4 Numerals in () indicates numerals to be inserted for sign message (R) or (L) indicates right or left.
- 5 For "CW" series signs, suffixes a, b, c and d are as follows:
a - 1500 FT, b - 1000 FT,
c - 500 FT and d - AHEAD

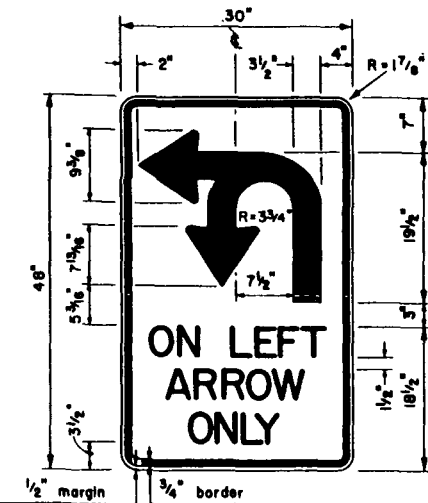
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION

STANDARD PLAN TE-08

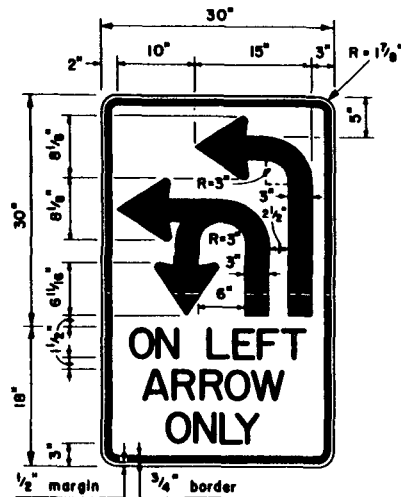
CONSTRUCTION SIGNS

7/1/87	Revised Sign CW21-1	RK
DATE	REVISION	APP'D.

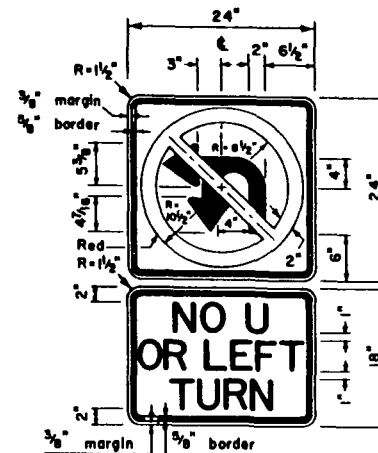
Enche Tanaka 1/1/86
APPROVED DATE



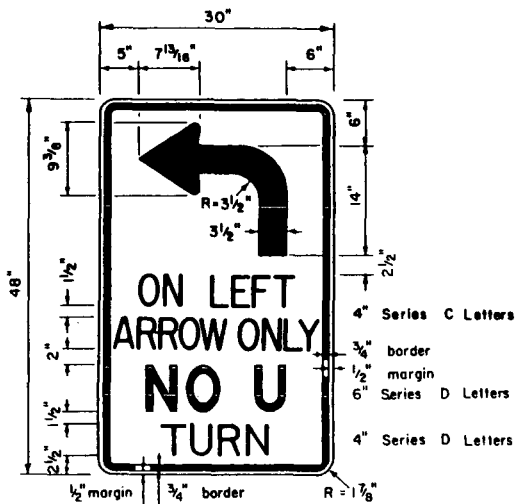
4" Series D Letters
R17-1



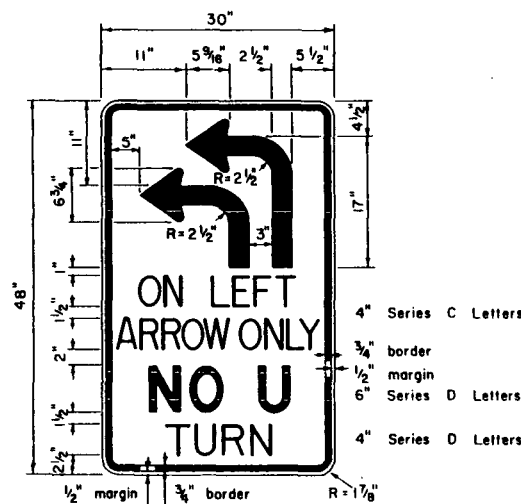
4" Series D Letters
R17-2



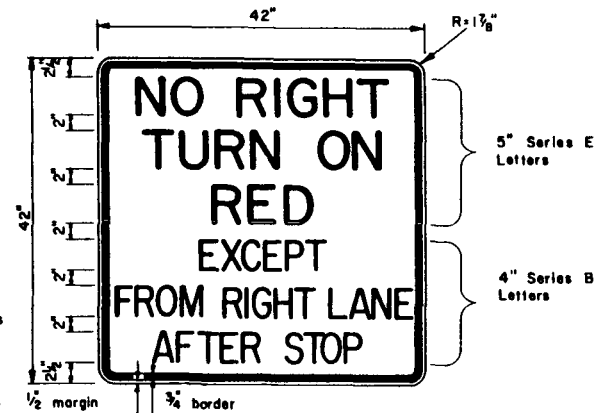
4" Series D Letters
R3-4b



R17-3



R17-4



R10-11d

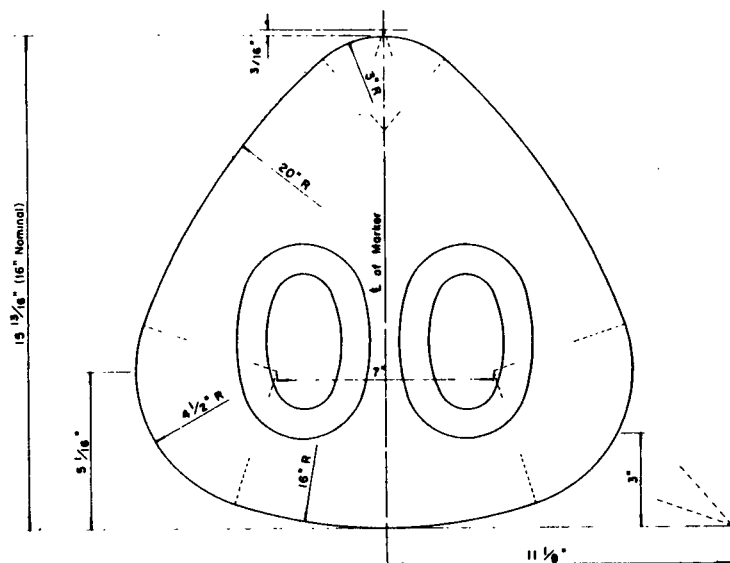
GENERAL NOTES

1. Sign details shall conform to the latest editions of the following FHWA publications: "Manual on Uniform Traffic Control Devices for Streets and Highways," and "Standard Highway Signs," and as amended.
2. All regulatory signs shall be reflectorized unless otherwise specified.
3. All regulatory signs shall have 3/8" bolt holes drilled at appropriate locations.

1/9/87	Revised R17-3 and R17-4 Sign Panels.	<i>L.T.</i>
DATE	REVISION	APP'D.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STANDARD PLAN TE-09.	
MISCELLANEOUS INTERSECTION SIGNS	
<i>Ench. Tanaka</i> APPROVED	<i>1/31/87</i> DATE

MARKER SIZE	MULTIPLY DIMENSIONS BY	NUMERAL SIZE
21"	1.3	8"
32"	2.0	12"
42"	2.63	16"

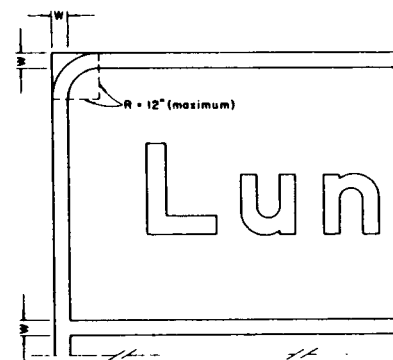


**STATE ROUTE MARKER
FOR GUIDE SIGNS**

NOTE:

- 1 State Route Markers on Guide signs shall have black numerals on a white reflectorized background mounted on a flat aluminum cut-out
- 2 Numerals shall conform to the latest editions of FHWA publication "Standard Alphabets for Highway Signs" and as amended
- 3 Cut-outs shall be fastened on sign panel with aluminum blind rivets See Standard Specifications

RADI FOR SIGNS		
Least Dimension of Sign	W	R
2' - 0" to 4' - 6"	2"	3"
4' - 9" to 5' - 6"	2"	6"
5' - 9" to 7' - 6"	2"	9"
7' - 9" and greater	2"	12"

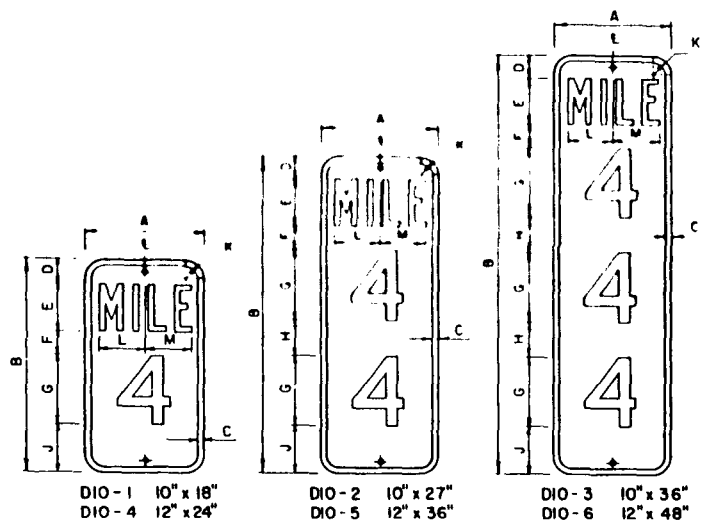


**BORDER DETAIL
FOR GUIDE SIGNS**

NOTE:

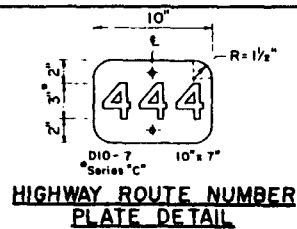
- 1 Area outside corner radius need not be trimmed
- 2 All borders shall be white reflectorized cut-outs
- 3 All Guide signs shall have borders

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STANDARD PLAN TE-14	
STATE ROUTE MARKER AND BORDER DETAIL FOR GUIDE SIGNS	
DATE	APP'D.

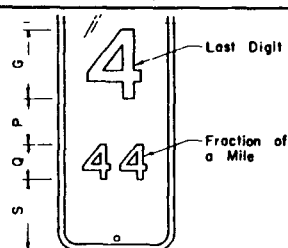


MILEPOST MARKER PLATE DETAILS

MILEPOST PLATE SCHEDULE (INCHES)														LETTER SERIES	NUMERAL SERIES
NAME	SIZE	A	B	C	D	E	F	G	H	J	K	L	M		
DIO-1	10 x 18	10	18	1/2	2	4	2	6	4	1 1/2	3 3/4	3 3/4	B	C	C
DIO-4	12 x 24	12	24	1/2	3	4	3	10	4	1 1/2	4 3/4	4 3/4	C	C	C
DIO-2	10 x 27	10	27	1/2	2	4	2	6	3	1 1/2	3 3/4	3 3/4	B	C	C
DIO-5	12 x 36	12	36	1/2	3	4	3	10	3	1 1/2	4 3/4	4 3/4	C	C	C
DIO-3	10 x 36	10	36	1/2	2	4	2	6	3	1 1/2	3 3/4	3 3/4	B	C	C
DIO-6	12 x 48	12	48	1/2	3	4	3	10	2 1/2	1 1/2	4 3/4	4 3/4	C	C	C

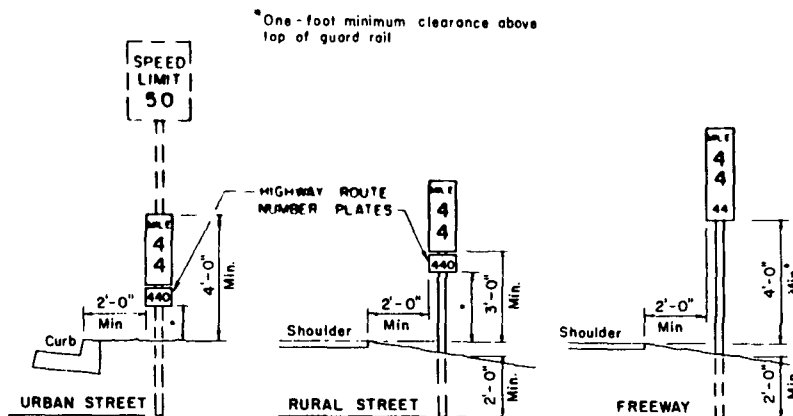


**HIGHWAY ROUTE NUMBER
PLATE DETAIL**

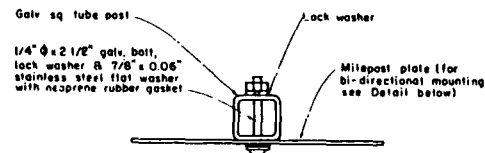


MILEPOST MARKER FRACTION DETAIL

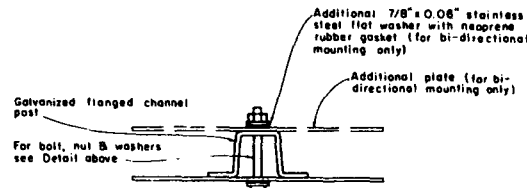
MILEPOST PLATE SCHEDULE WITH FRACTION OF A MILE							
NAME	SIZE	G	P	Q	S	NUMERAL SERIES	
DIO-1a	10" x 27"	6"	4"	3"	6"	C	
DIO-4a	12" x 36"	10"	4"	5"	7"	C	
DIO-2a	10" x 36"	6"	4"	3"	6"	C	
DIO-5a	12" x 48"	10"	4"	5"	6"	C	
DIO-3a	10" x 45"	6"	4"	3"	6"	C	
DIO-6a	12" x 60"	10"	4"	5"	6"	C	



TYPICAL ROADSIDE INSTALLATION



GALVANIZED SQUARE TUBE POST



GALVANIZED FLANGED CHANNEL POST

TYPICAL MOUNTING DETAILS

GENERAL NOTES:

- Milepost marker and highway route number plates shall conform to the latest editions of the following FHWA publications:
 - "Standard Alphabets for Highway Signs," and as amended
 - "Standard Highway Signs," and as amended
 - "Manual on Uniform Traffic Control Devices for Streets and Highways," and as amended
- Milepost markers and highway route numbers shall be completely reflectorized with reflective sheeting as follows:
 - Milepost markers shall have white legends and border on a green background
 - Highway route numbers shall have black numerals on a white background.
- The plate backings for milepost markers and highway route numbers shall conform to the requirements for standard highway signs. The plates shall have 3/8" bolt holes drilled at appropriate locations.
- Highway route number plates shall be used in conjunction with milepost marker plates on all roadways, except interstate freeways. Fabrication and installation costs of highway route number plates shall be considered incidental to the milepost marker assembly.
- Milepost markers shall be installed on all roadways as follows:
 - One milepost on each side of multi-lane roadways
 - Back-to-back mileposts on one side of 2-lane roadways (Right side of roadway in direction of increasing mileage)

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
STANDARD PLAN TE-18		
MILEPOSTS		
DATE	REVISION	APP'D.
		<i>Evelyn Tanaka</i> 1/31/86 APPROVED DATE