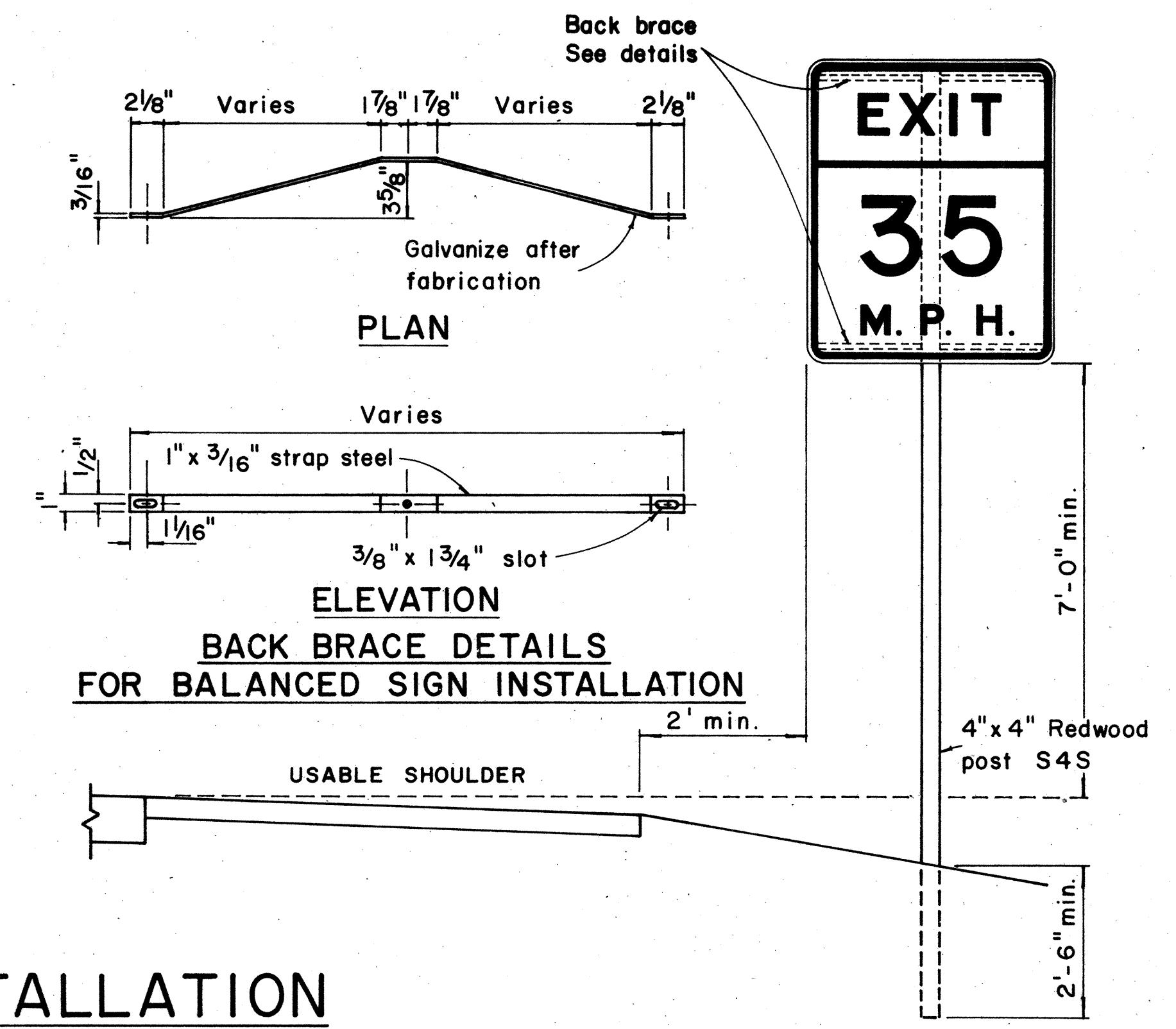
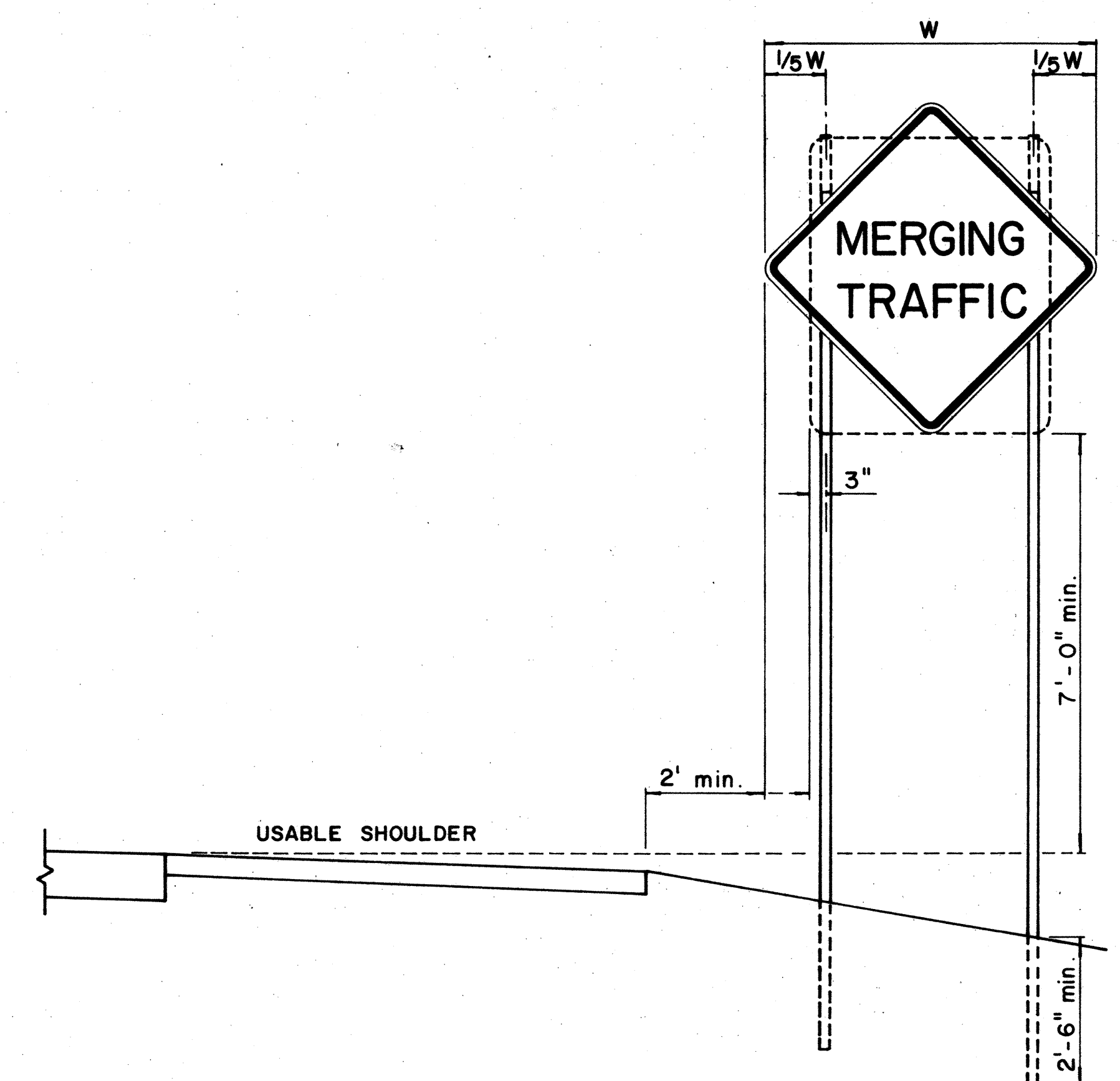
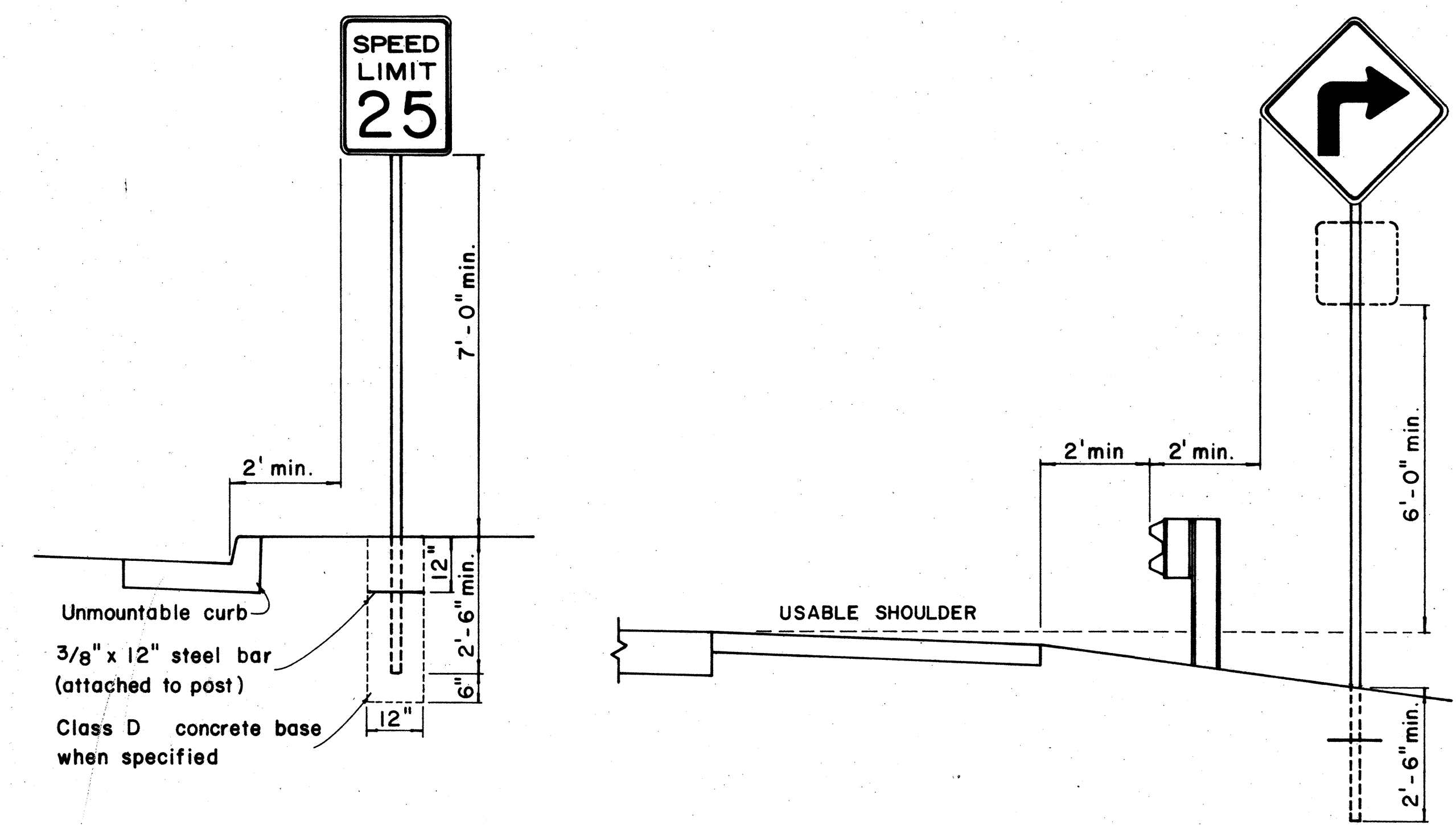
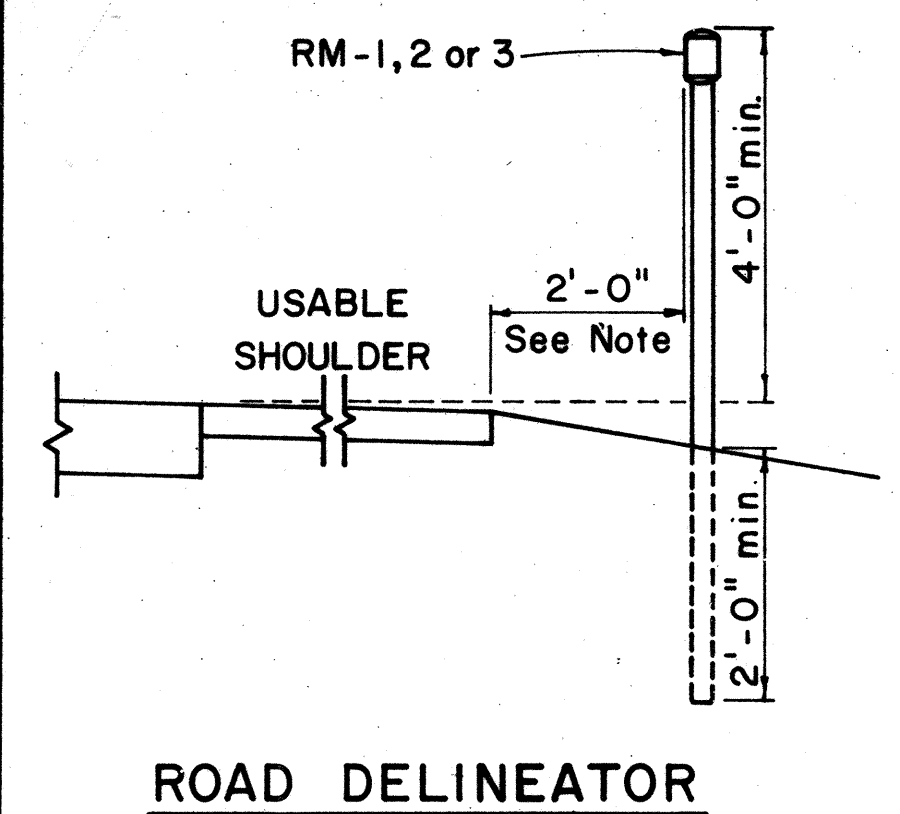


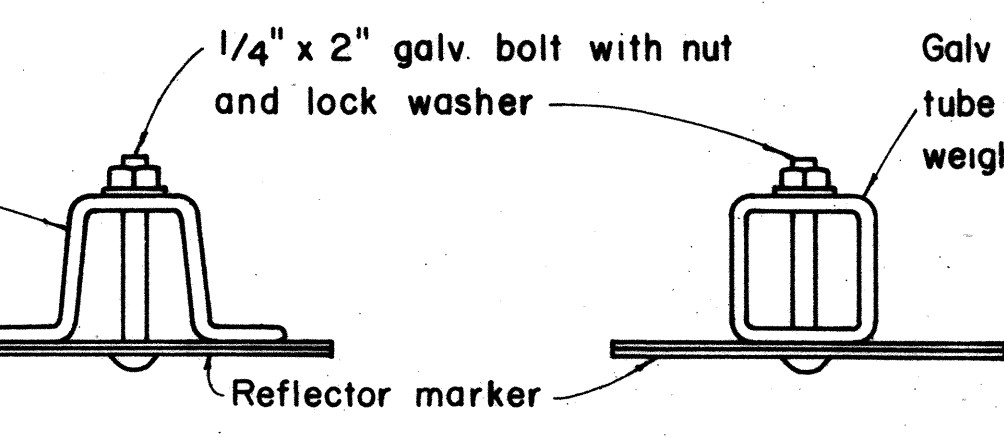
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	300-02-72	1972	5	8



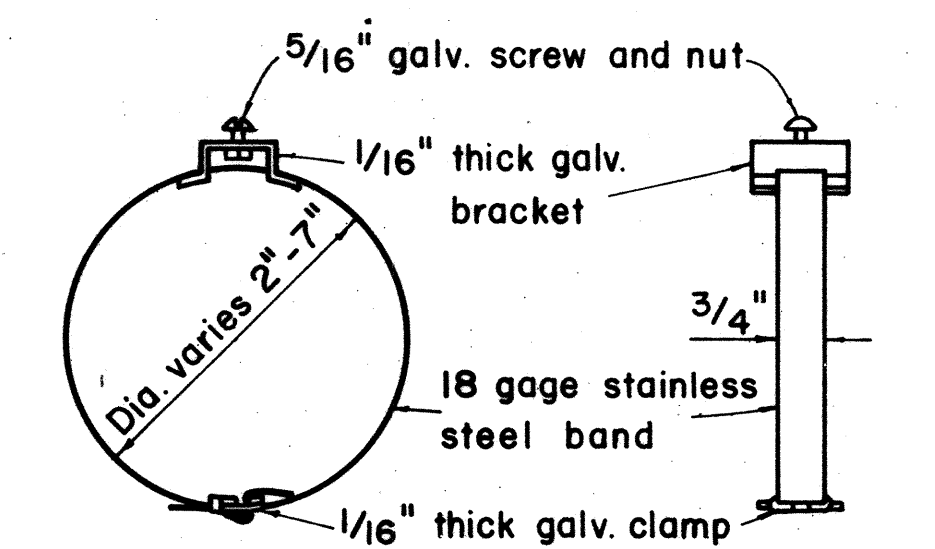
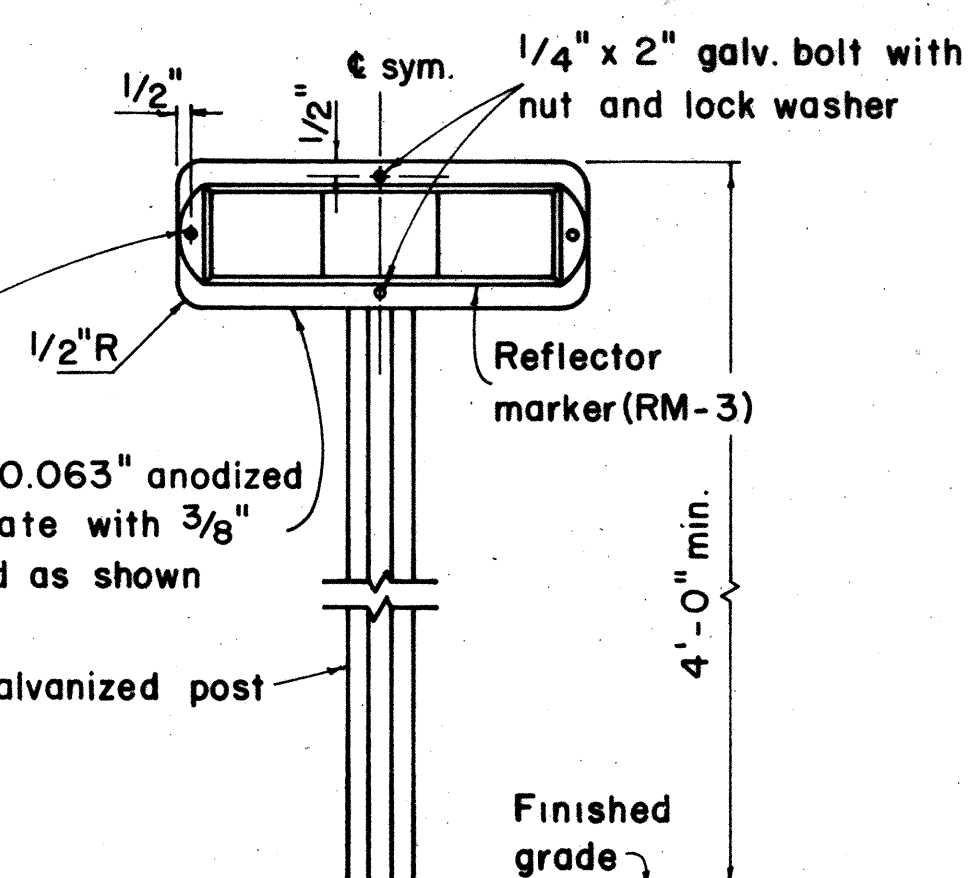
HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATION



Galv. flanged channel 1/8" x 3 1/16" rolled section post with a minimum weight of 2 lbs. per ft. Upper 2 ft. shall have a single row of 3/8" holes centered in the web at 1" o.c.



Galv 1 1/2" x 1 1/2" square tube post with a minimum weight of 1.7 lbs per ft

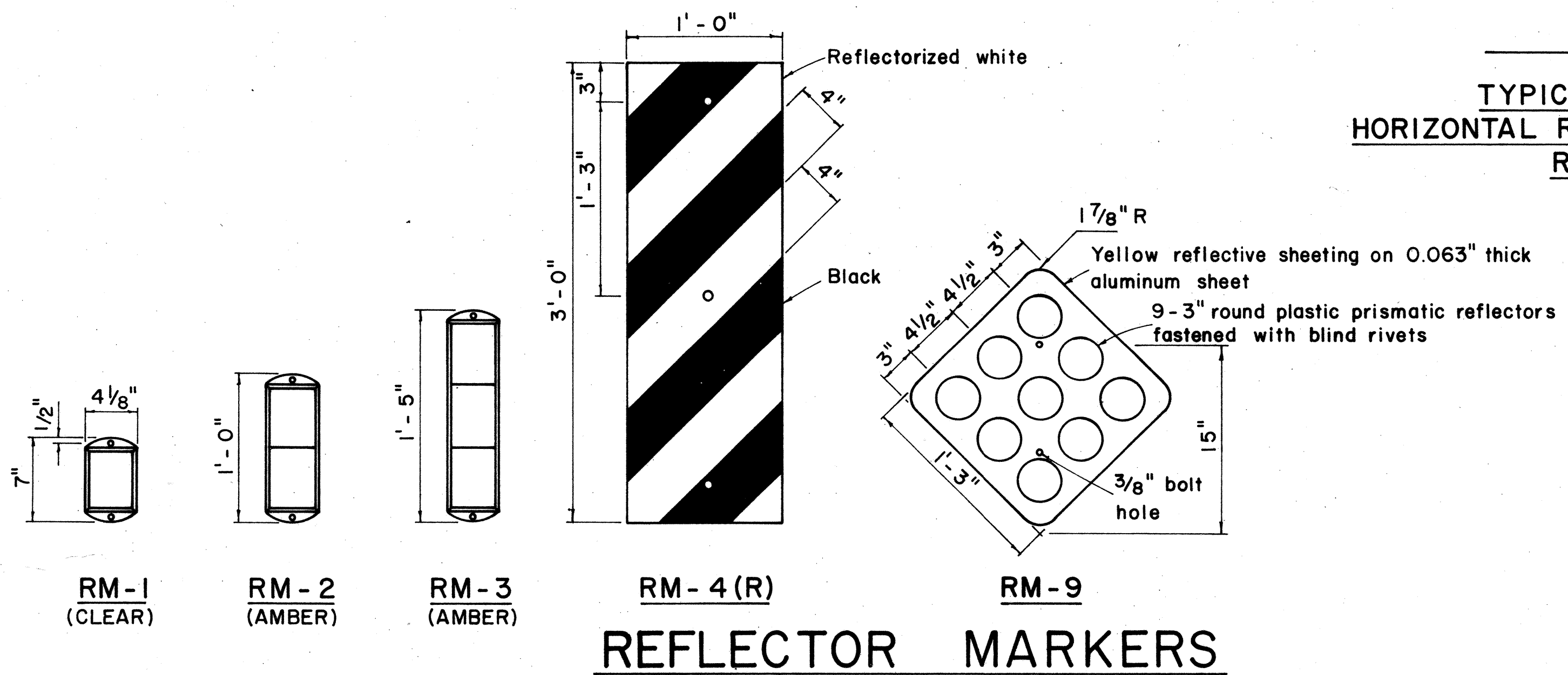


- GENERAL NOTES:**
- Sign posts shall be 2" galv. standard pipe or 2" x 2" galv. sq. tube post.
 - Signs 48" and wider or larger than 10 sq. ft. in area shall be mounted on two 2" galv. standard pipe or two 2" x 2" galv. sq. tube post or 4" x 4" redwood post S4S.
 - Signs shall be attached to post with 5/16" galv. bolts with nuts and 7/8" x 0.06 stainless steel washers with neoprene rubber gasket.
 - Sign posts shall extend 3 1/2" above sign where required for City and County street name signs.
 - Reflector markers RM-1, 2, 3 shall be glass sphere reflector markers with 4" x 5" reflector units (as shown) or plastic prismatic reflector markers with 3" diameter reflector units.
 - Clearance markers (RM-3, RM-4) shall be installed with the edge of the marker in line with the inner edge of the obstruction.
 - (R) or (L) indicates right or left and shall be as shown on the plans.

ROAD DELINEATOR

TYPICAL DETAIL HORIZONTAL REFLECTOR MARKER RM-3H

TYPICAL BAND BRACKET FOR MOUNTING TRAFFIC SIGNS



REFLECTOR MARKERS

NO.	REVISION	APPROVED BY	DATE

APPROVAL RECOMMENDED:
Eishi Tanaka 12/29/69
 TRAFFIC ENGINEER DATE

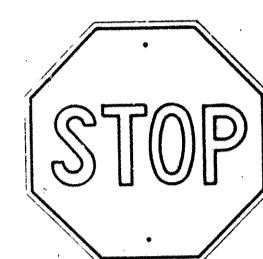
APPROVED:
John J. DeLoe 12-30-69
 ASSISTANT CHIEF, ENGINEERING DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

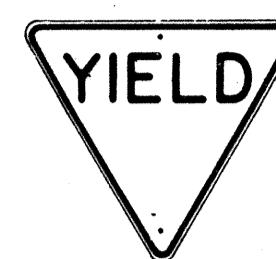
STANDARD DETAILS
 MISCELLANEOUS SIGN DETAILS

Not to scale March, 1968

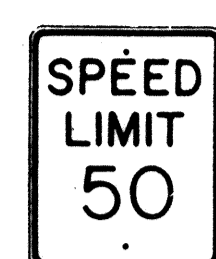
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	300-02-72	1972	6	8



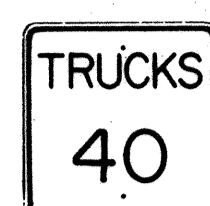
R1-1 30" x 30"



R1-2 36" x 36" x 36"
R1-2-E 48" x 48" x 48"
R1-2-I 60" x 60" x 60"



R2-1(50) 24" x 30"
R2-1(50)-E 36" x 48"
R2-1(50)-I 48" x 60"



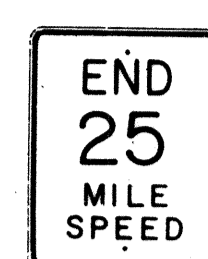
R2-2(40) 24" x 24"
R2-2(40)-E 36" x 36"
R2-2(40)-I 48" x 48"



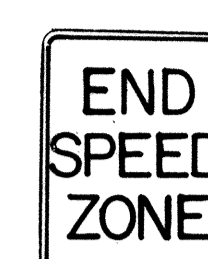
R2-4(40) 24" x 30"
R2-4(40)-E 36" x 48"
R2-4(40)-I 48" x 60"



R2-5 24" x 30"
R2-5-E 36" x 48"
R2-5-I 48" x 60"



R2-6(25) 24" x 30"
R2-6(25)-E 36" x 48"
R2-6(25)-I 48" x 60"



R2-7 24" x 30"
R2-7-E 36" x 48"
R2-7-I 48" x 60"



R3-1 24" x 30"
R3-1-E 36" x 48"



R3-2 24" x 30"
R3-2-E 36" x 48"



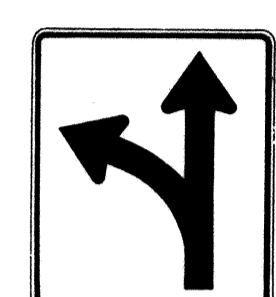
R3-3 24" x 24"



R3-4 24" x 30"
R3-4-E 36" x 48"
R3-4-I 48" x 60"



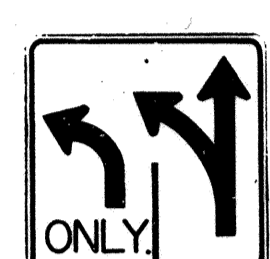
R3-5(L) 30" x 36"



R3-6(L) 30" x 36"



R3-7(R) 30" x 30"



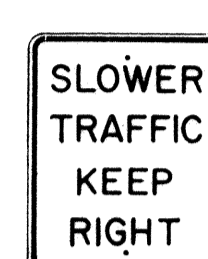
R3-8(L) 30" x 30"



R4-1 24" x 30"



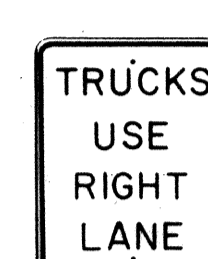
R4-2 24" x 30"



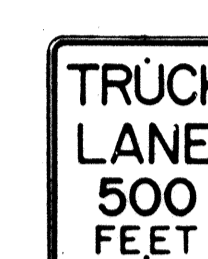
R4-3 24" x 30"
R4-3-E 36" x 48"
R4-3-I 48" x 60"



R4-4 24" x 30"
R4-4-E 36" x 48"
R4-4-I 48" x 60"



R4-5 24" x 30"
R4-5-E 36" x 48"



R4-6 24" x 30"
R4-6-E 36" x 48"



R4-7(R) 24" x 30"
R4-7(R)-E 36" x 48"



R5-1 24" x 24"



R6-1(R) 36" x 12"



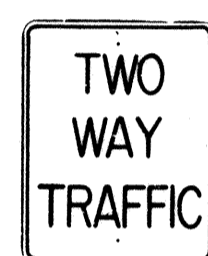
R6-2(R) 18" x 24"



R6-3 24" x 30"



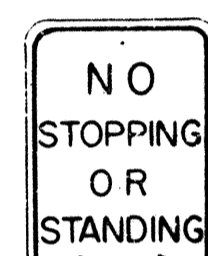
R6-4 24" x 30"



R6-5 24" x 30"



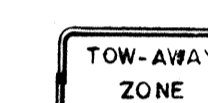
R7-1 12" x 18"



R7-4 12" x 18"
R7-4-E 24" x 30"



R7-107(R) 12" x 18"



R7-201 12" x 6"



R8-1 24" x 30"
R8-1-E 36" x 48"
R8-1-I 48" x 60"



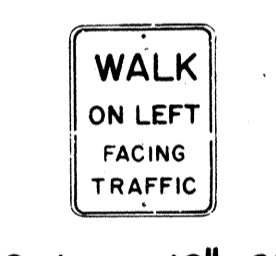
R8-2 24" x 30"
R8-2-E 36" x 48"



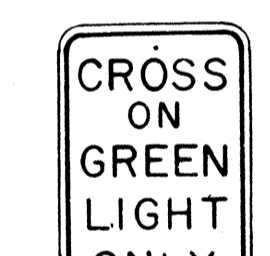
R8-3 24" x 30"
R8-3-E 36" x 48"



R8-4 24" x 30"
R8-4-E 36" x 48"
R8-4-I 48" x 36"



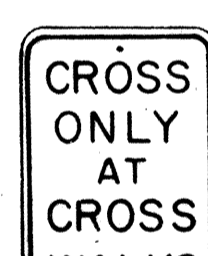
R9-1 18" x 24"



R9-2 12" x 18"



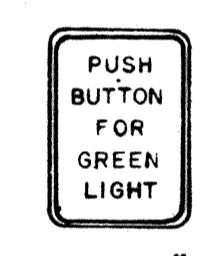
R9-3 12" x 18"



R9-4 12" x 18"



R9-5 12" x 18"



R9-6 9" x 12"



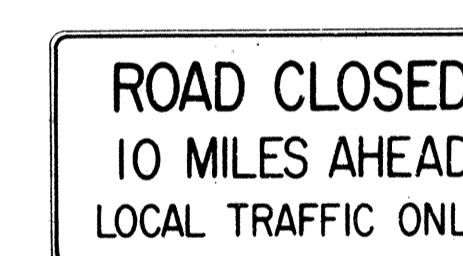
R9-7 9" x 12"



R10-1 24" x 30"
R10-1-E 36" x 48"
R10-1-I 48" x 60"



R10-2 48" x 30"



R10-3(10) 60" x 30"



R10-4(10) 18" x 24"

NOTE:

- The shape, color, dimensions, symbols, wording, lettering and reflectorization of all signs shall be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways," dated June 1961 and the BPR manual "Standard Highway Signs," dated September 1961 unless otherwise specified.
- All regulatory signs shall be reflectorized unless otherwise specified.
- All regulatory signs shall have 3/8" bolt holes drilled at appropriate locations unless otherwise noted.
- The suffix "E" denotes Expressway signs and "I" denotes Interstate signs.
- For R2 signs, number in () indicates speed and shall be as shown on the plans.
- (R) or (L) indicates right or left and shall be as shown on the plans.
- For R10-4 sign, number in () indicates weight and shall be as shown on the plan.

APPROVAL RECOMMENDED:
Eric K. Tanaka 12/29/69
TRAFFIC ENGINEER DATE

APPROVED:
John J. Salsbery 12-30-69
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE

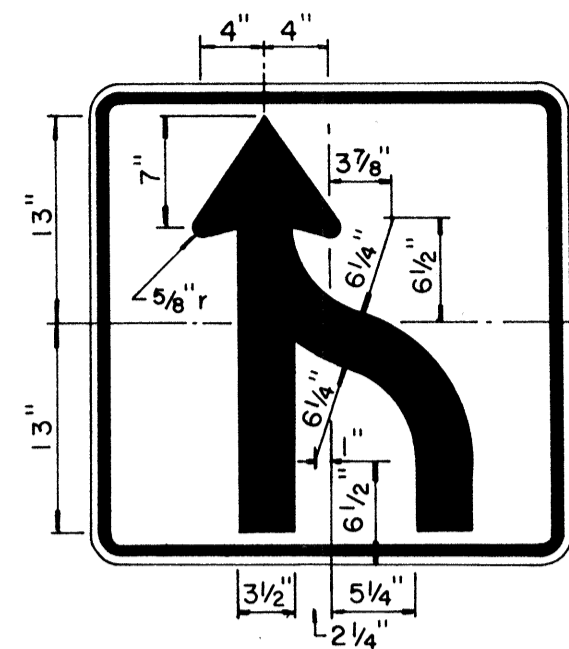
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
REGULATORY SIGNS

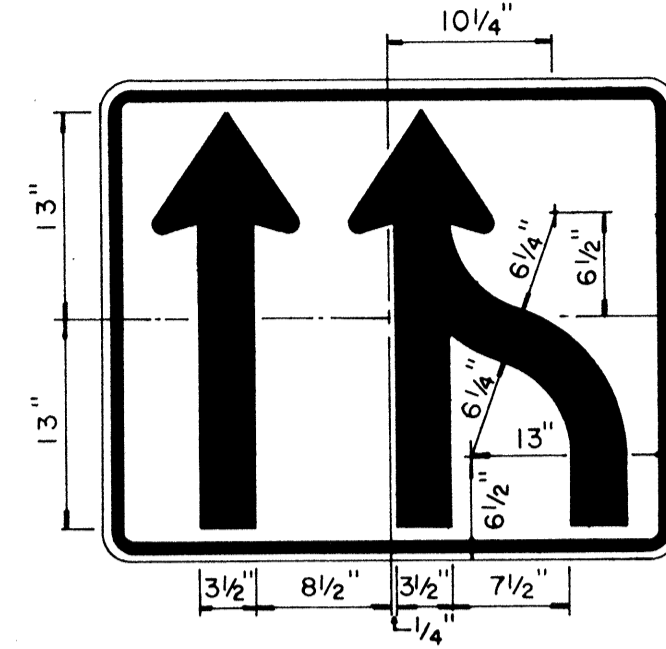
NOT TO SCALE

DATE
DESIGNED BY
CHECKED BY
QUANTITIES BY
NOTE BOOK
ORIGINAL PLAN

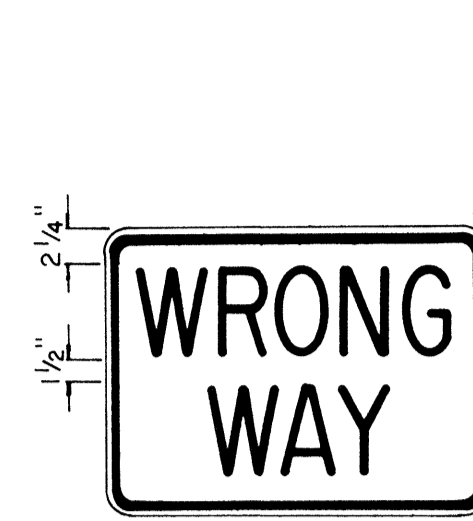
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	300-0272	1972	7	8



R3-9 30" x 30"



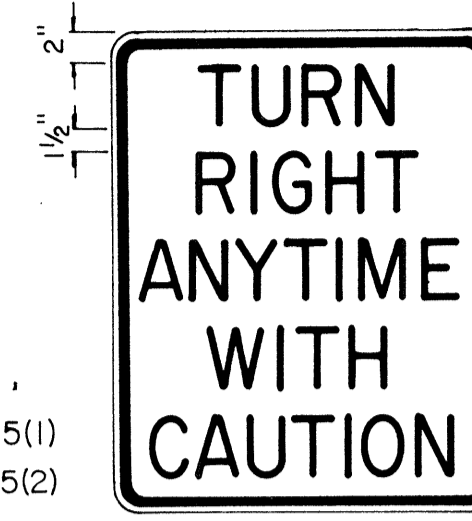
R3-10 36" x 30"



6" Series C: R5-5(1)
8" Series C: R5-5(2)

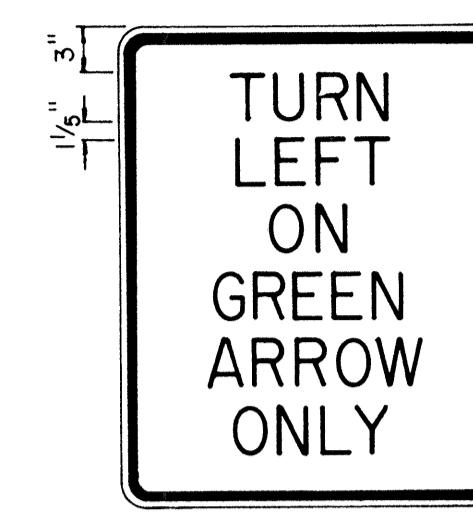
R5-5(1) 24" x 18"
R5-5(2) 36" x 24"

NOTE:
White legend and border
on Red background



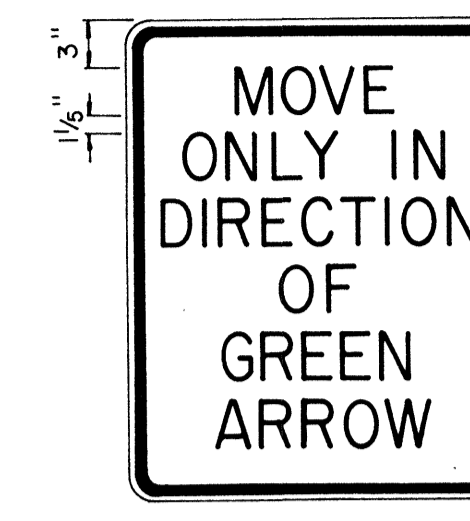
4" Series C

R15-1 24" x 30"



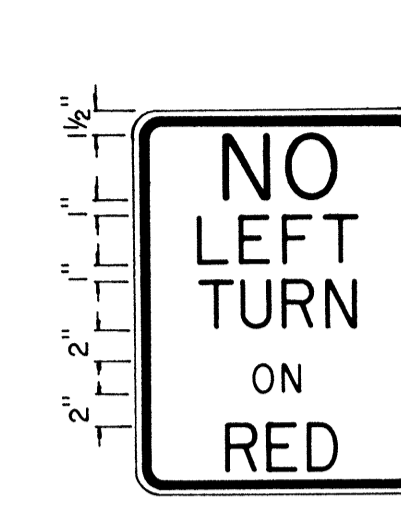
3" Series C

R16-1 24" x 30"



3" Series C

R16-2 24" x 30"

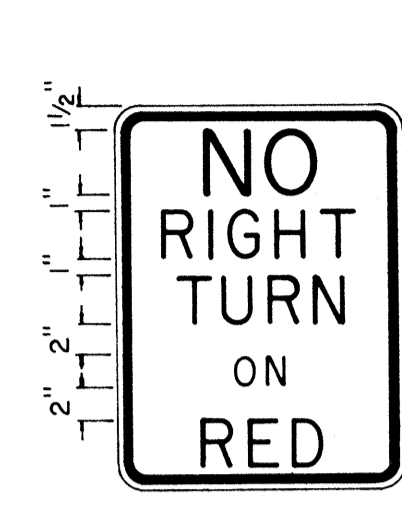


4" Series D

3" Series C

2" Series B

R17-1 18" x 24"



4" Series D

3" Series C

2" Series B

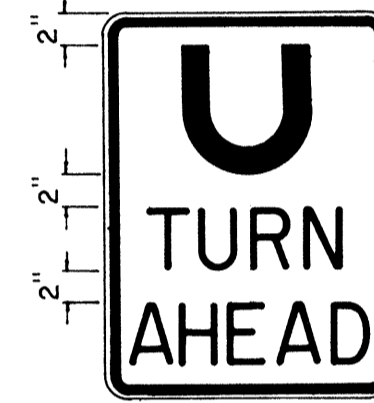
R17-2 18" x 24"



3" Series C

4" Series E

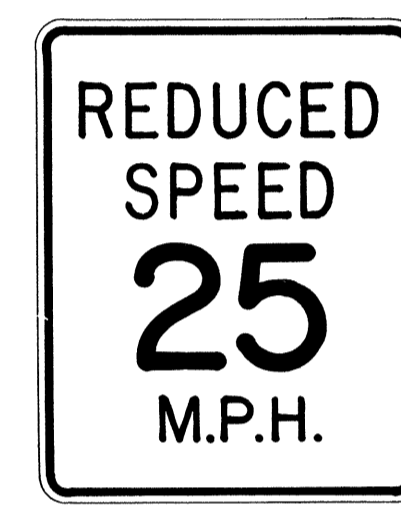
R18-1 36" x 30"



8" Series F

4" Series D

R19-1 18" x 24"

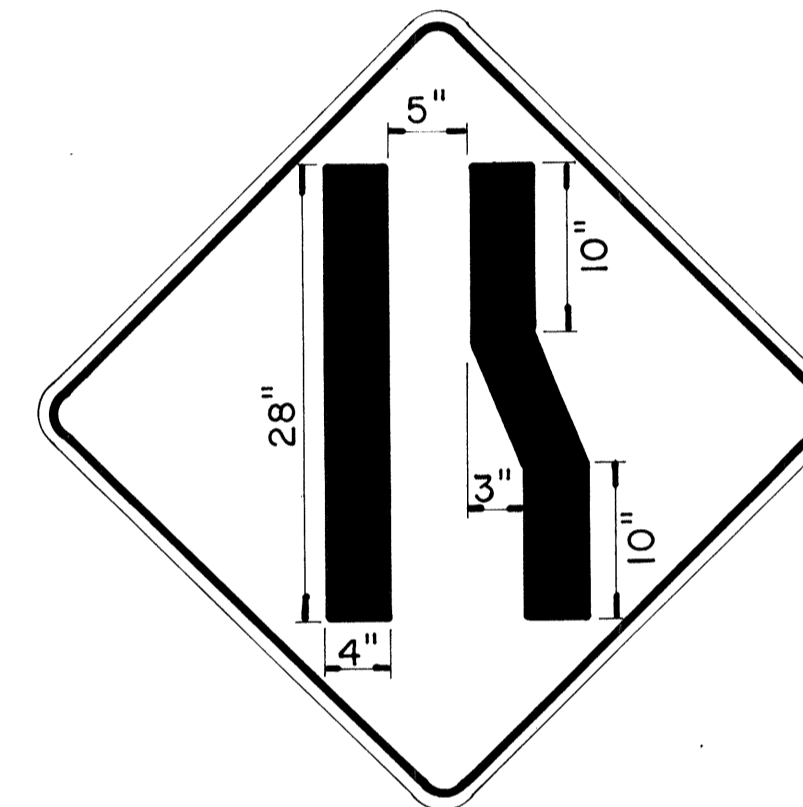


4" Series C

8" Series D

3" Series D

R2-5A(25) 24" x 30"

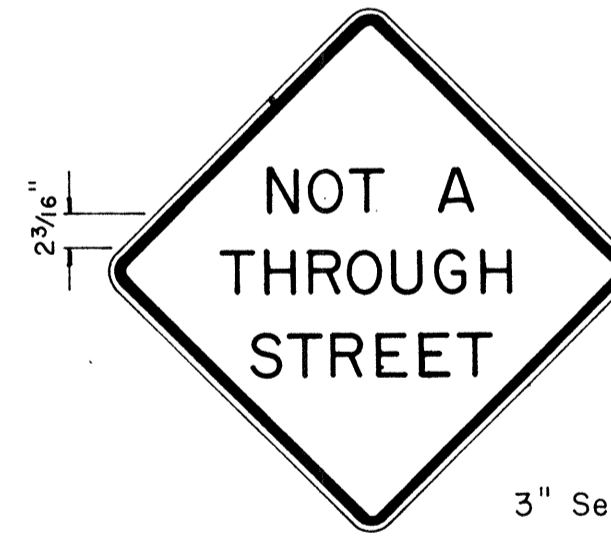


W4-2A(R) 36" x 36"



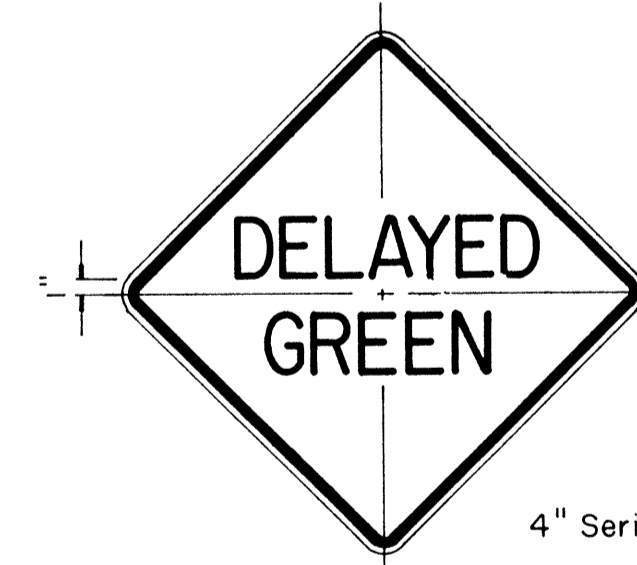
5" Series D

W4-2B(R) 36" x 36"



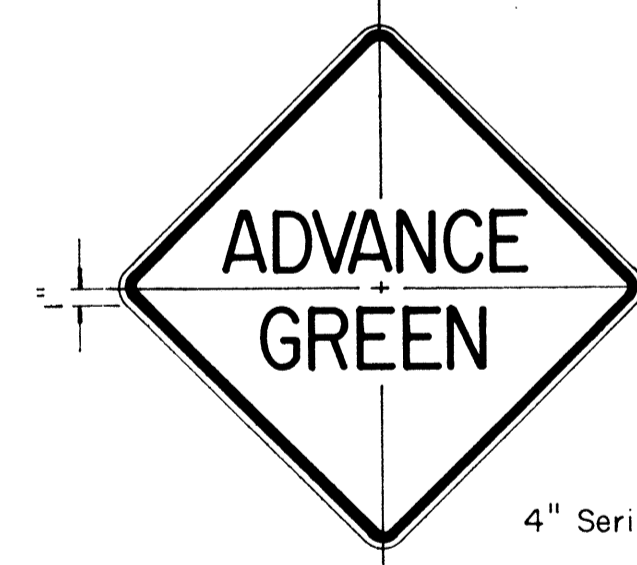
3" Series D

W13-4 24" x 24"



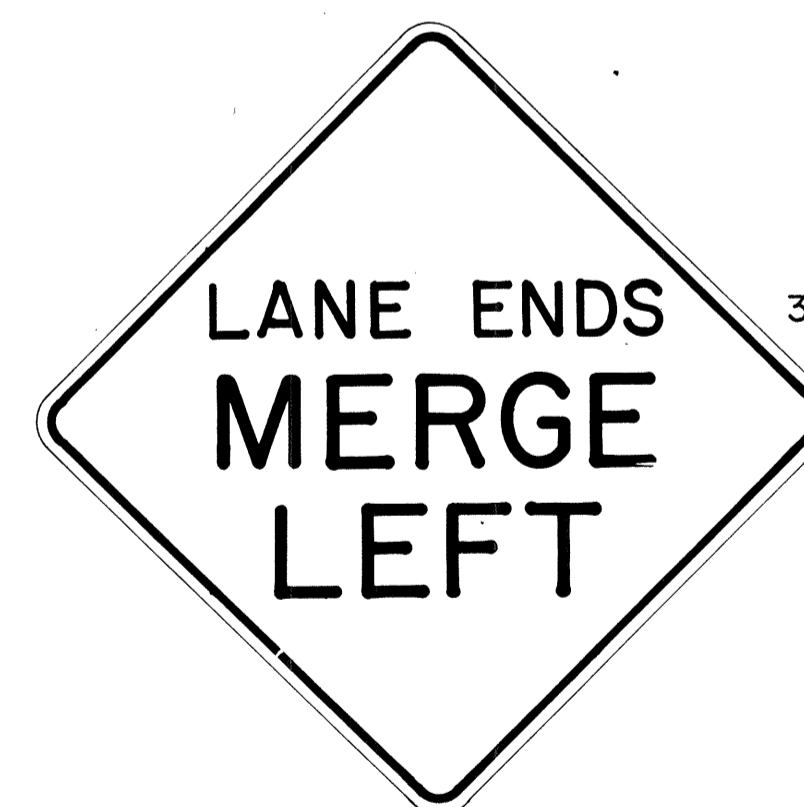
4" Series C

W15-1 24" x 24"



4" Series C

W15-2 24" x 24"



3" Series D

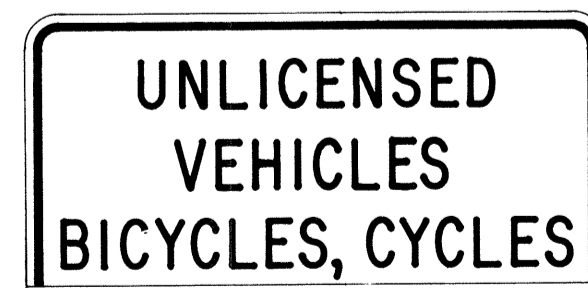
6" Series D

W4-2C(L) 36" x 36"



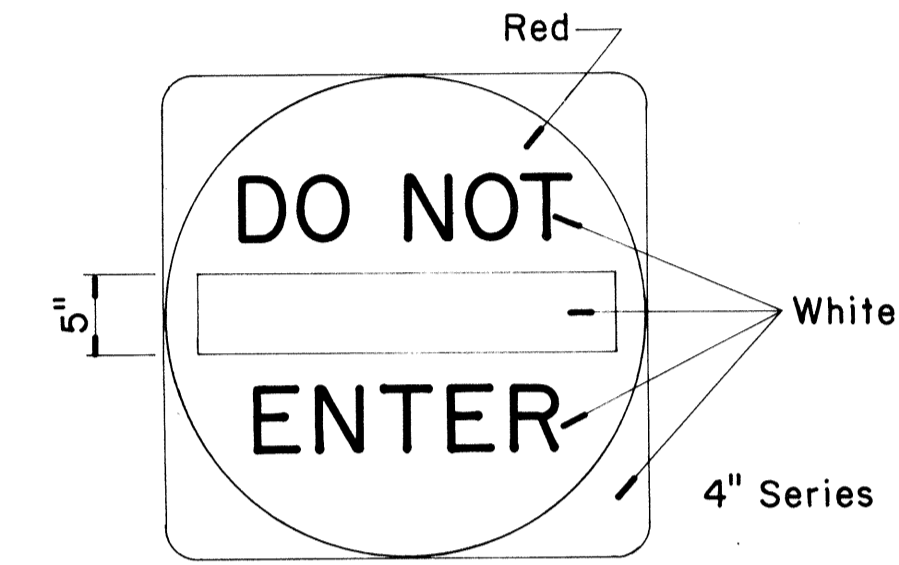
5" Series D

W13-4A 30" x 30"



3" Series C

SUPPLEMENTARY PLATE
R18-1A 17" x 36"



R5-1A 30" x 30"

NOTE:

- The shape, color, plate details, lettering and reflectorization of Regulatory signs (Prefix R) and Warning signs (Prefix W) shall be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways," dated June 1961 and the BPR manual "Standard Highway Signs," dated September 1961 unless otherwise specified.
- All regulatory and warning signs shall be reflectorized unless otherwise specified.
- All regulatory and warning signs shall have 3/8" bolt holes drilled at appropriate locations unless otherwise specified.
- For R2-5A sign, number in () indicates speed and shall be as shown on the plans.
- (R) or (L) indicates Right or Left and shall be as shown on the plans.

APPROVAL RECOMMENDED:
Eiichi Tanaka 12/29/69
TRAFFIC ENGINEER DATE

APPROVED:
John S. DeLeon 12/29/69
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE
1	Added R2-5A(25), R5-1A, W4-2A(R), W4-2B(R), W4-2C(L), W13-4A, R18-1A, Notes 4 & 5	H.C.	5/21/71

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

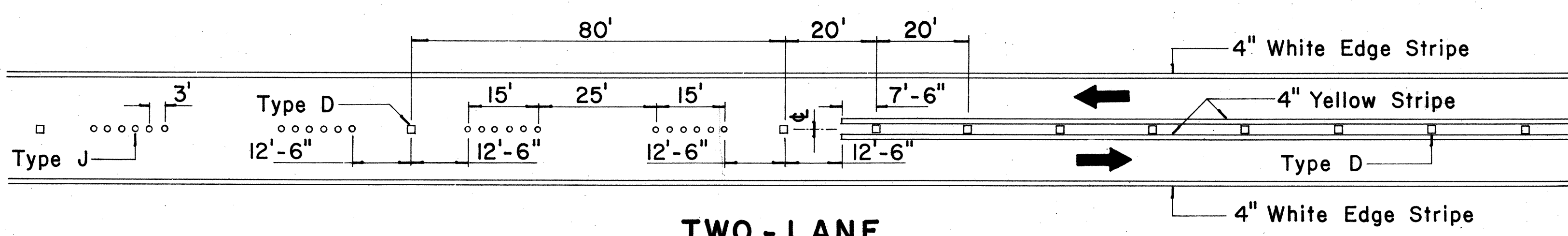
STANDARD DETAILS

MISCELLANEOUS
REGULATORY & WARNING SIGNS

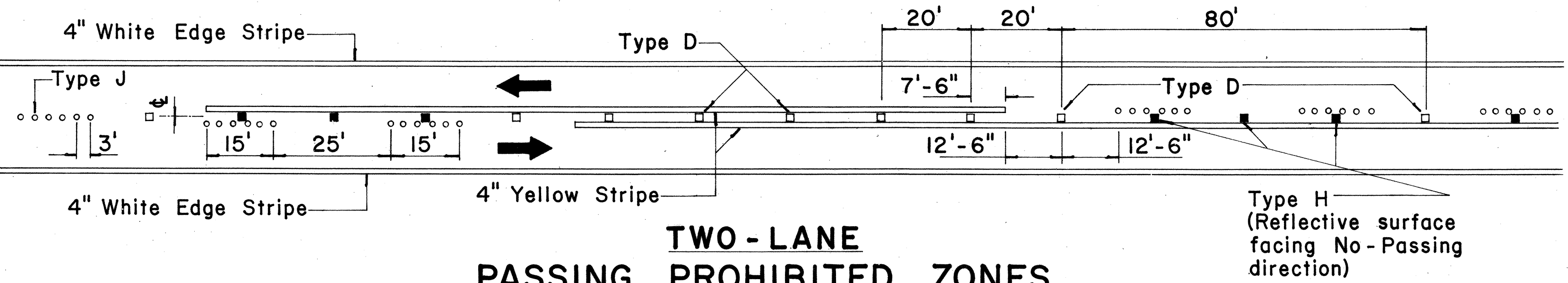
Scale: 1" = 1'-0"

DATE
SURVEY PLOTTED BY
DRAWN BY
DESIGNED BY
QUANTITIES BY
CHECKED BY

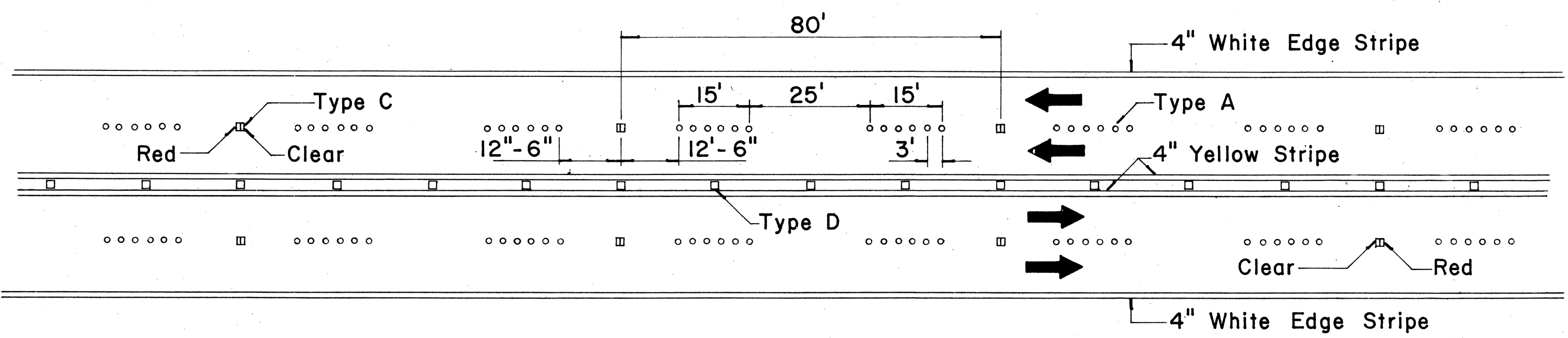
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30C-02-72	1972	8	8



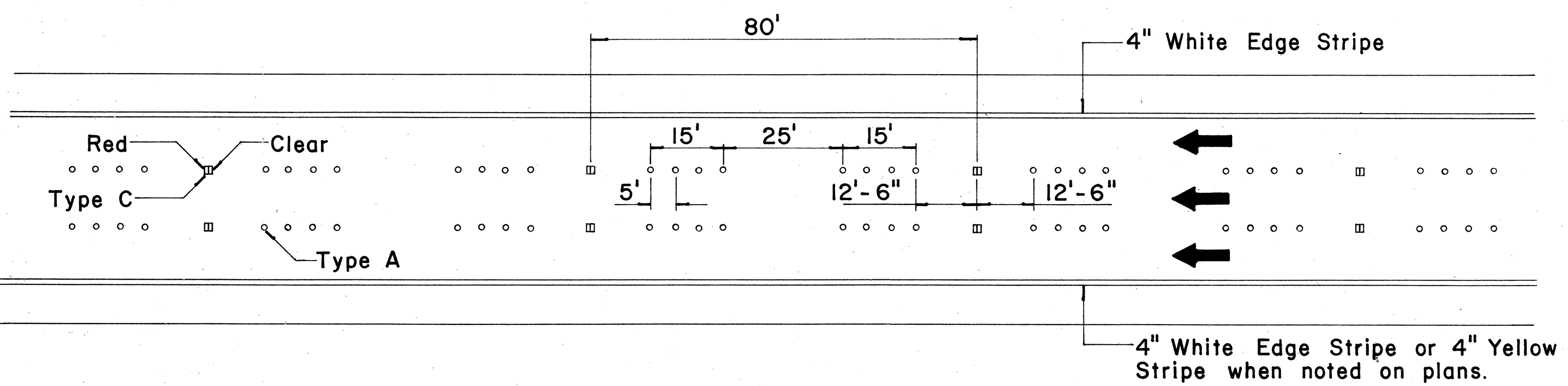
**TWO - LANE
PASSING PERMITTED AND PASSING PROHIBITED**



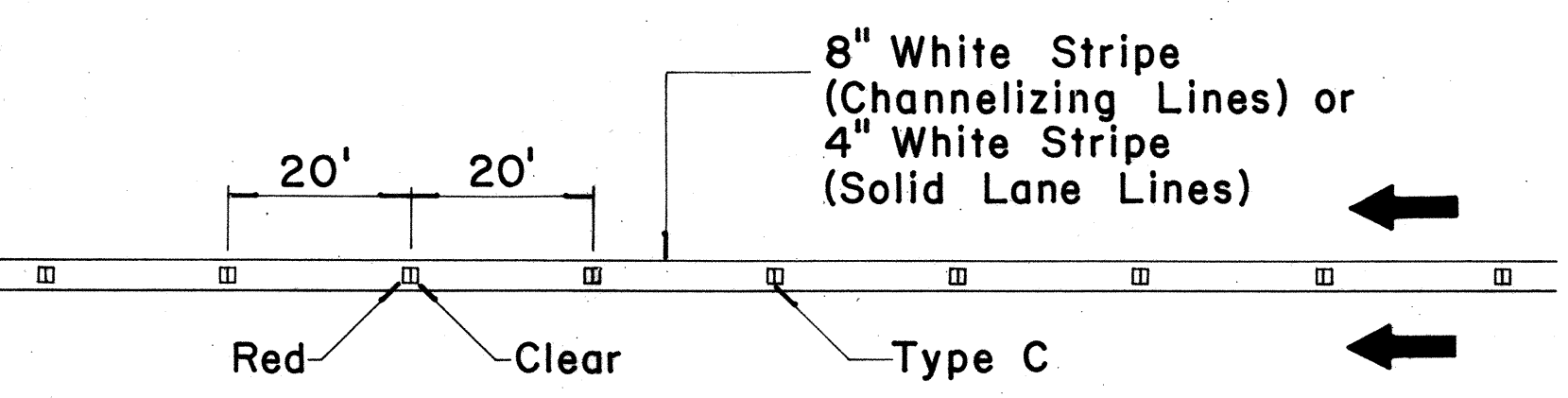
**TWO - LANE
PASSING PROHIBITED ZONES**



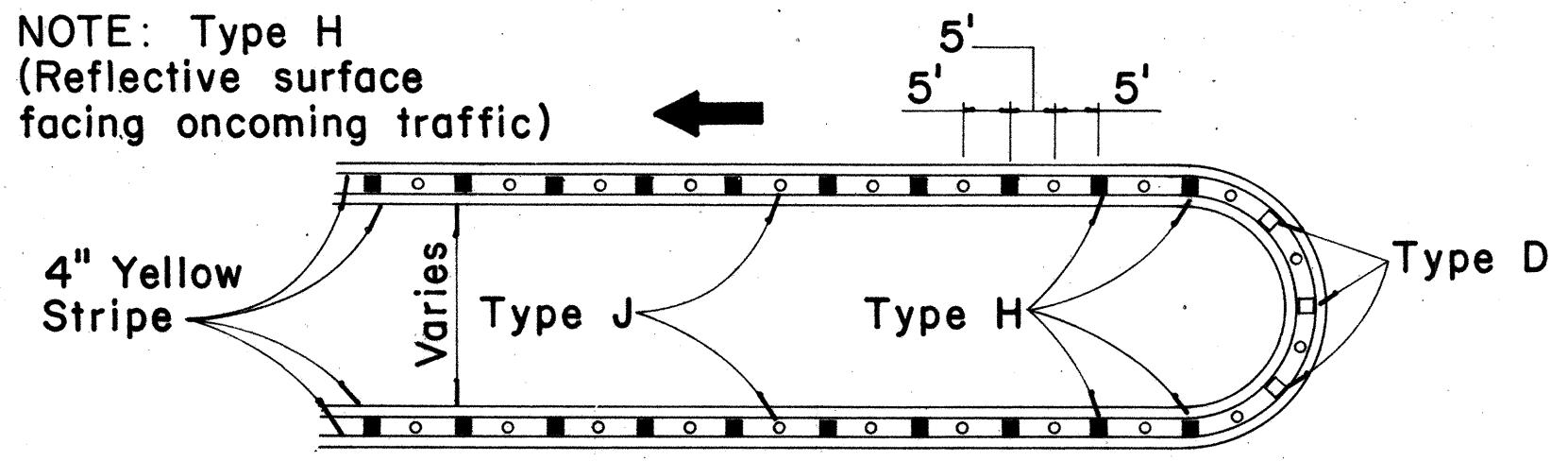
**MULTI - LANE
LANE LINES AND CENTER LINE**



FREEWAY LANE LINES



**CHANNELIZING LINES
OR SOLID LANE LINES**



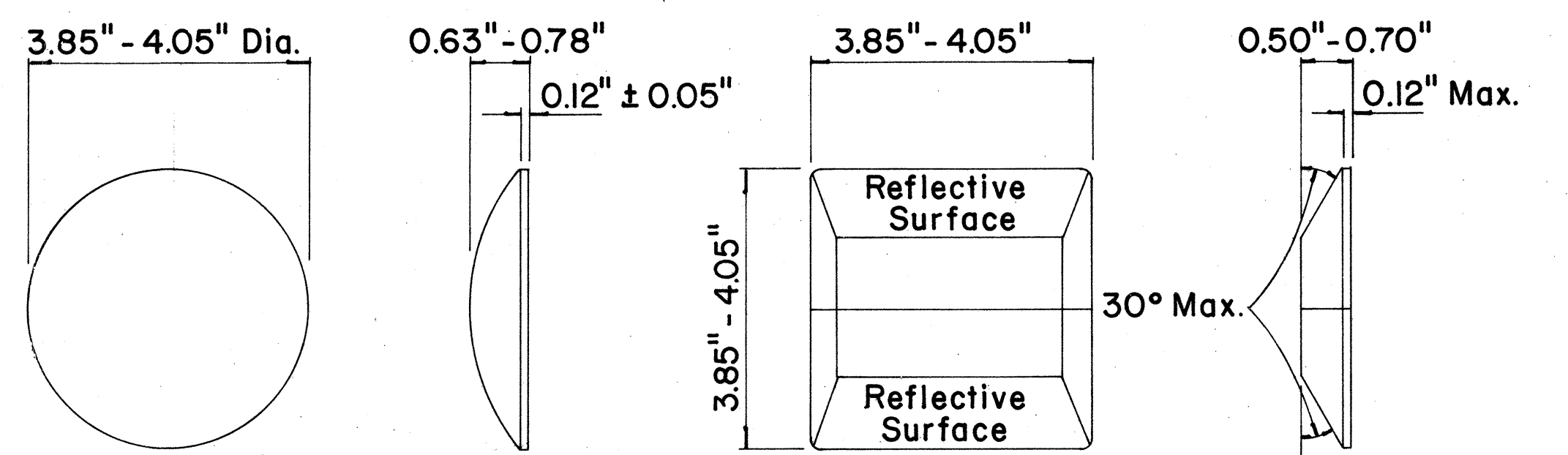
MEDIAN NOSE DELINEATION

TWO - LANE

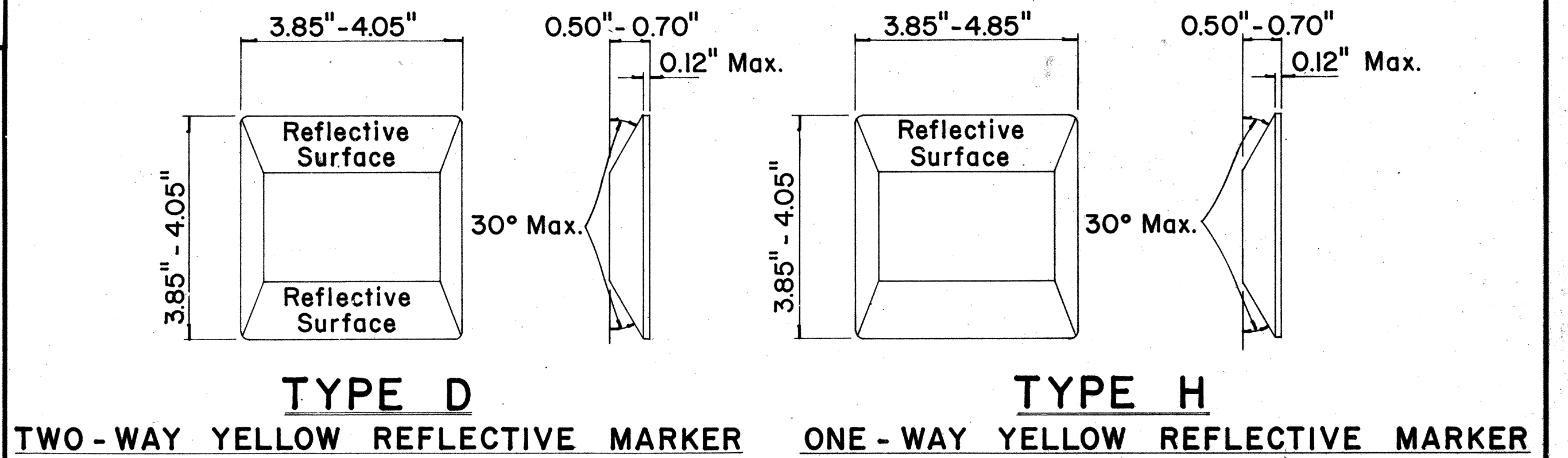
MULTI - LANE

FREEWAY

MISCELLANEOUS



**TYPE A
NON-REFLECTIVE WHITE MARKER**
**TYPE J
NON-REFLECTIVE YELLOW MARKER**
**TYPE C
RED-CLEAR REFLECTIVE MARKER**



**TYPE D
TWO-WAY YELLOW REFLECTIVE MARKER**
**TYPE H
ONE-WAY YELLOW REFLECTIVE MARKER**

GENERAL NOTES

1. Painted stripes to be done by State forces.

APPROVAL RECOMMENDED:
Eishi Tanaka 11/18/71
TRAFFIC ENGINEER DATE

APPROVED:
Shigeru Sato 11/18/71
ASSISTANT CHIEF, ENGINEERING DATE

No.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**STANDARD DETAILS
RAISED PAVEMENT MARKERS**

Not to Scale October 1971
SHEET No. 4 OF 4 SHEETS DT 300

SURVEY PLOTTED BY: _____
 DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____
 NOTE BOOK No. _____