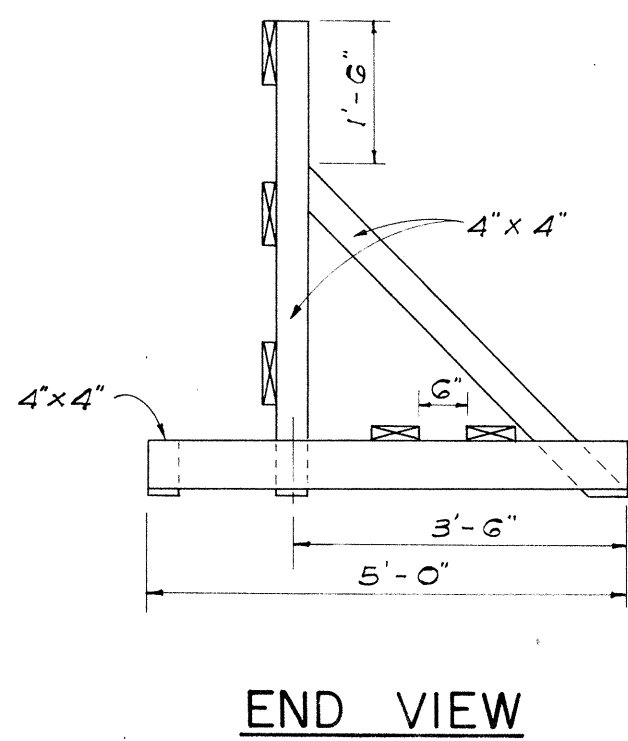
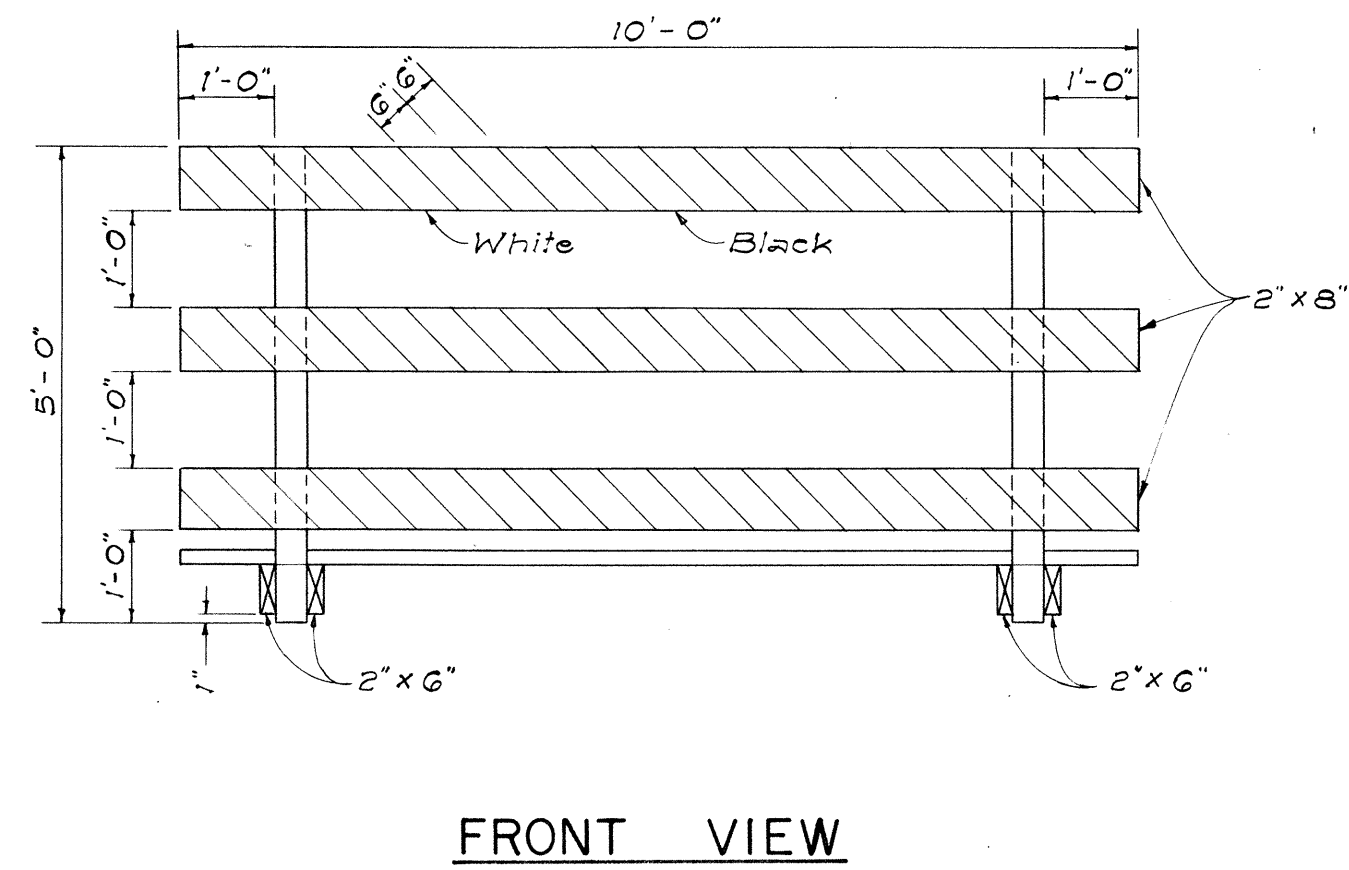
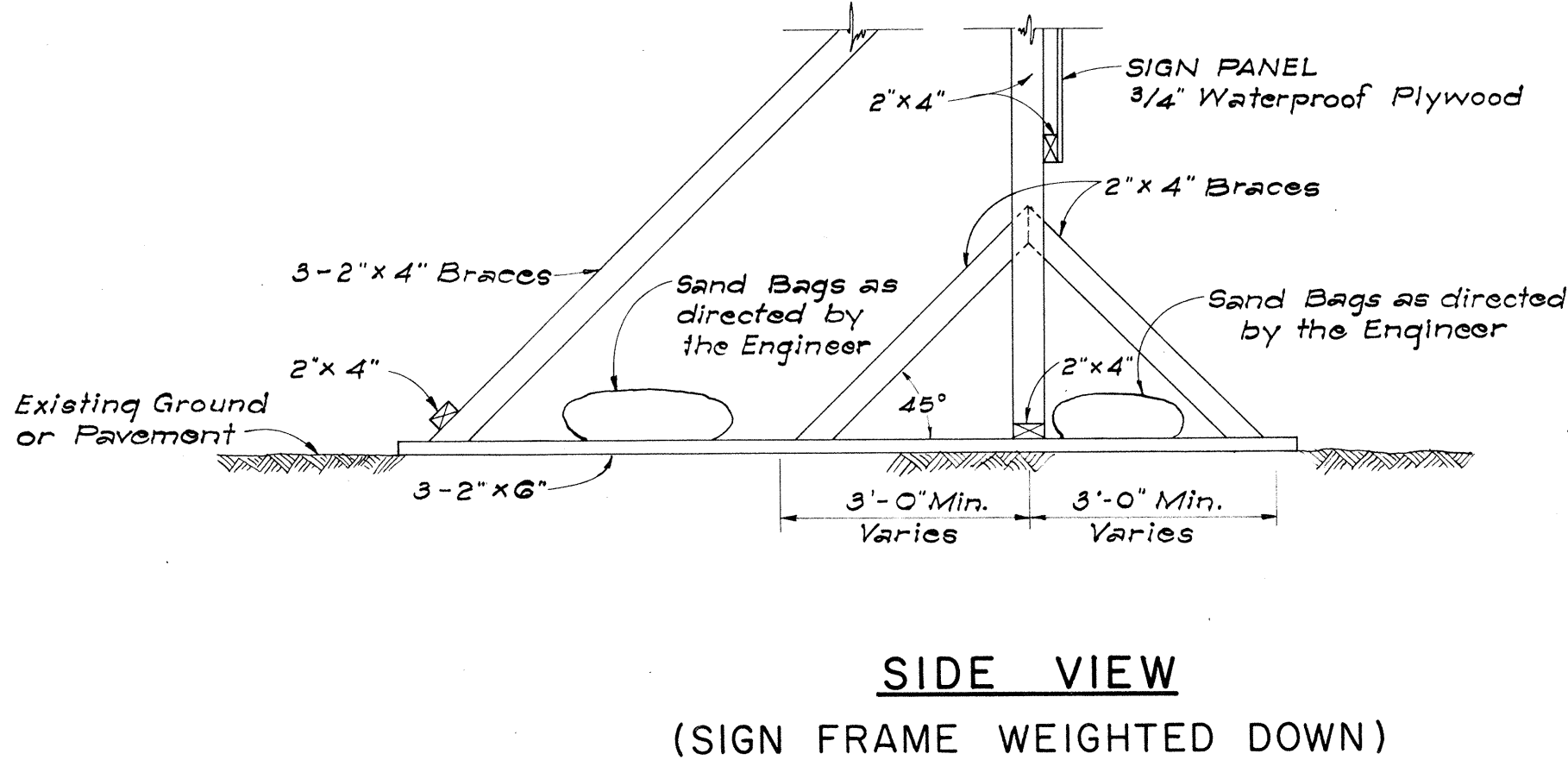
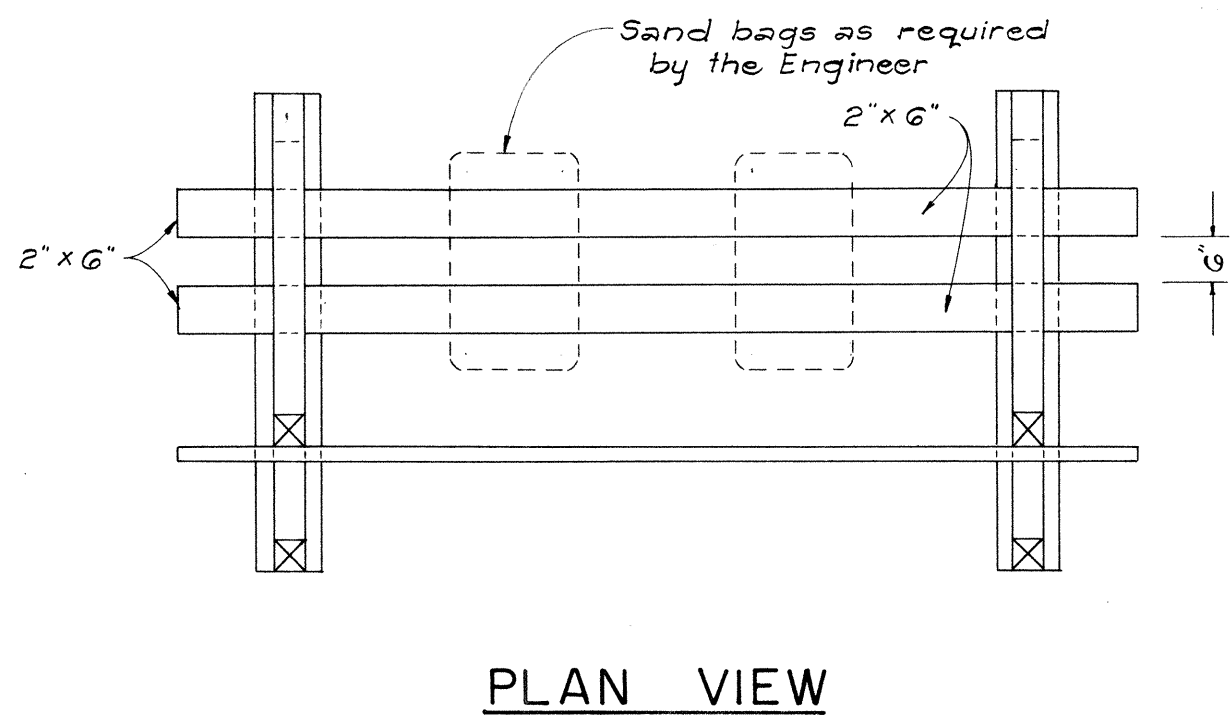
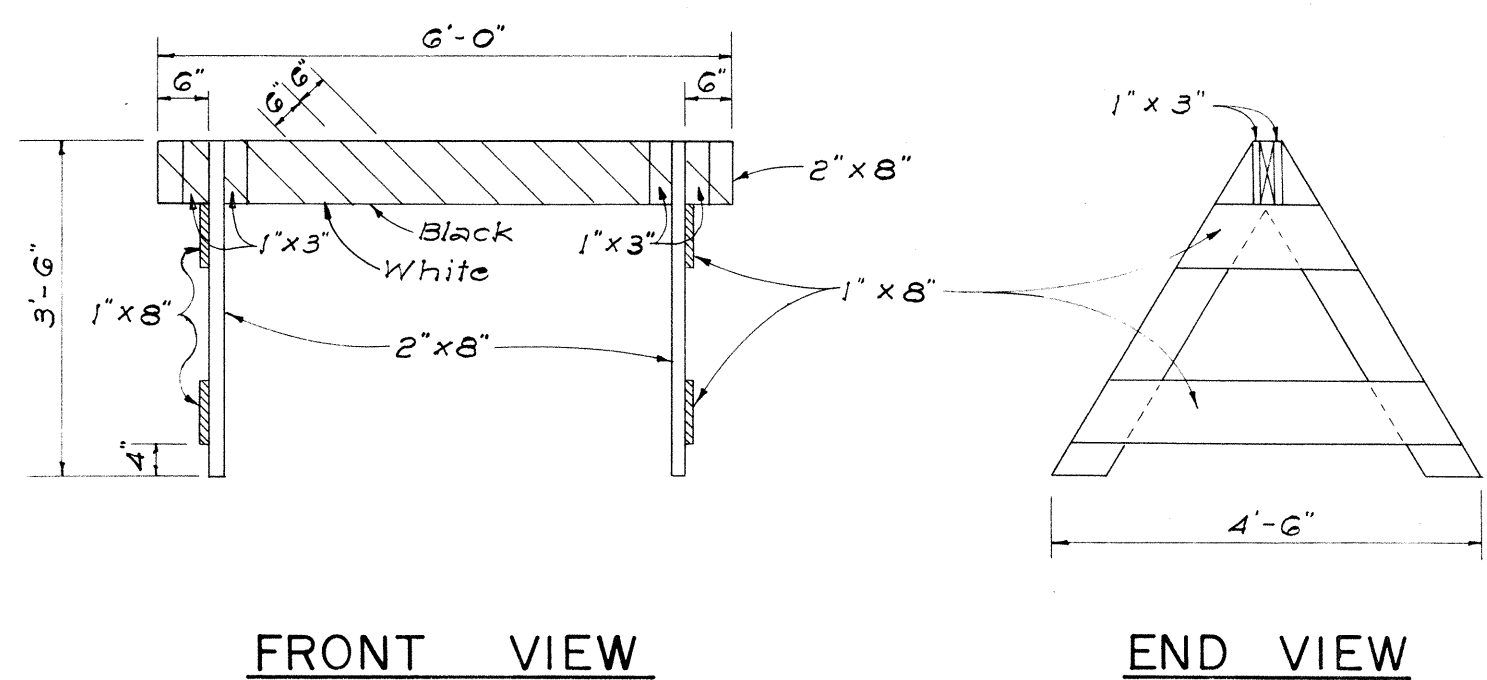
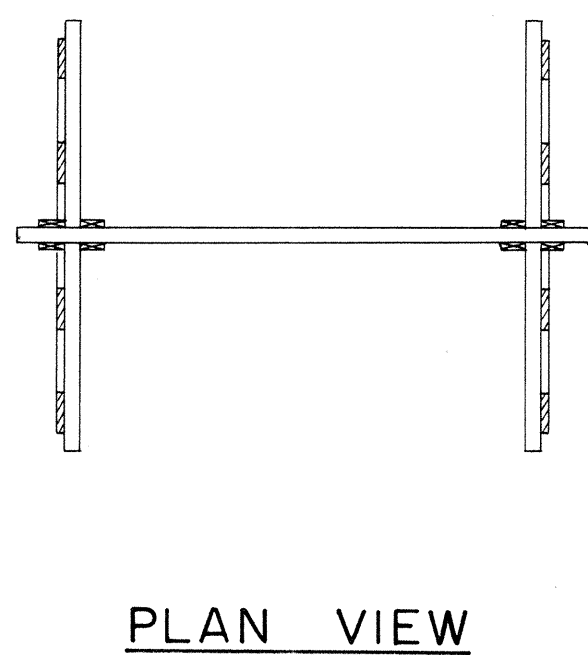


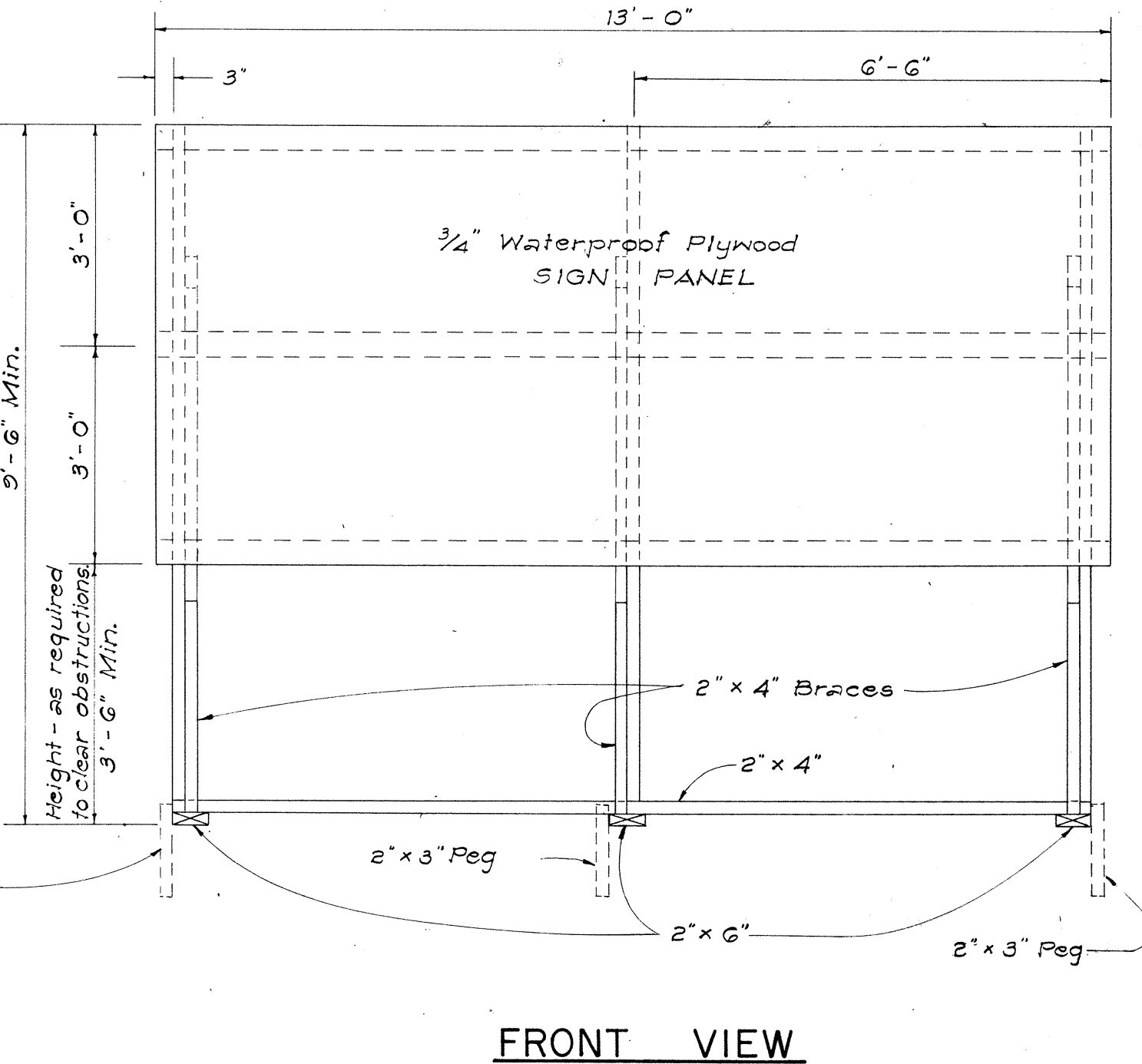
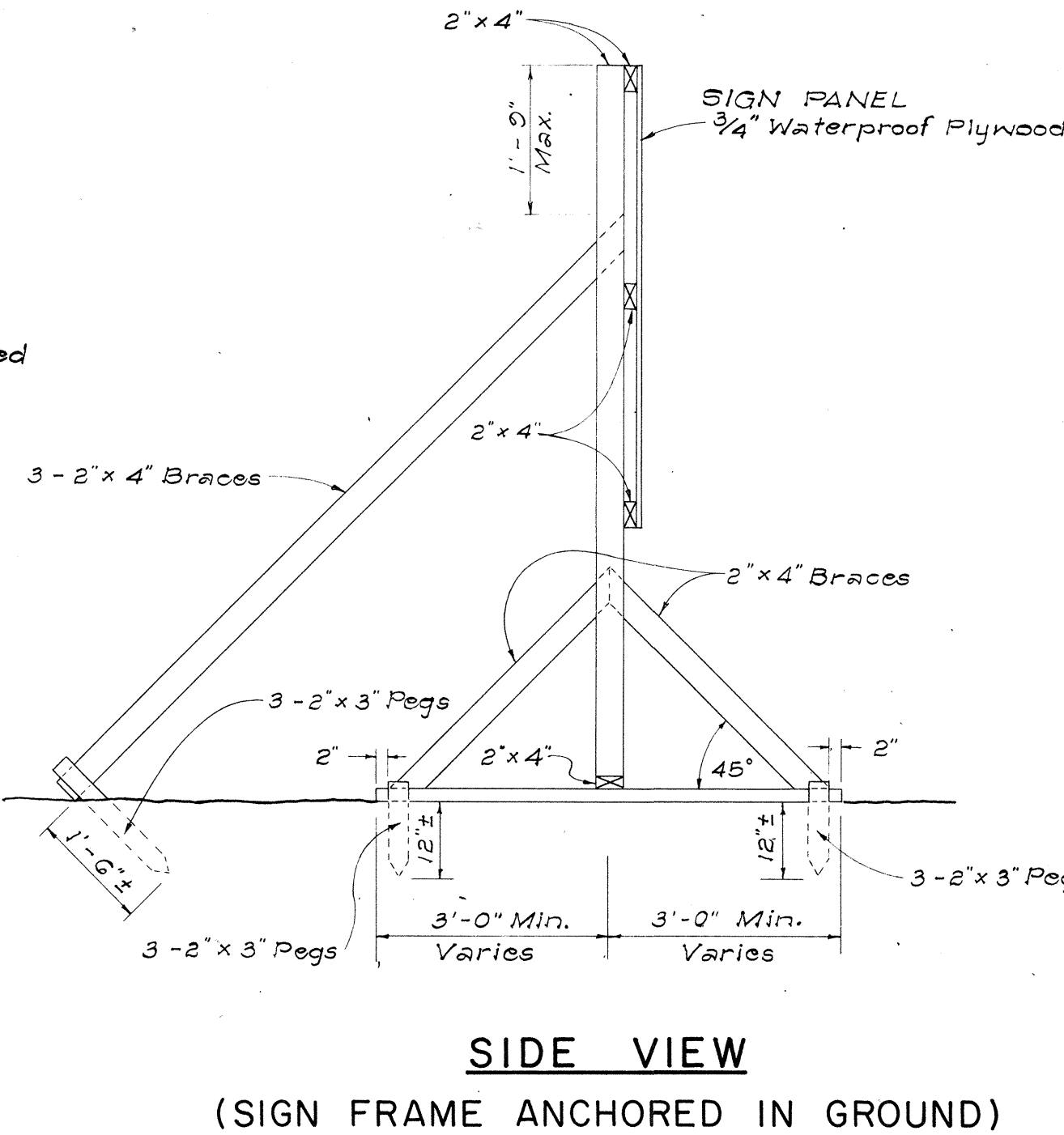
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IHI(32): 5, Unit 3	1967	16	99



CLASS I BARRICADE



CLASS II BARRICADE
Scale: 1/2" = 1'-0"



ELEVATIONS
Scale: 1/2" = 1'-0"

YOUR HIGHWAY TAXES AT WORK

FEDERAL HIGHWAY TRUST FUNDS

\$ 0,000,000

U.S. DEPT. OF TRANSPORTATION
FEDERAL HIGHWAY ADMIN.
Bureau of Public Roads

STATE HIGHWAY FUNDS

\$ 000,000

HAWAII STATE
DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN PANEL
Scale: 3/4" = 1'-0"

**INTERSTATE SYSTEM
CONSTRUCTION IDENTIFICATION SIGN**
Scale: As Shown

- NOTES:**
- A. CONSTRUCTION IDENTIFICATION SIGNS**
- The sign legend shall be black on white background except for the Interstate Route marker which shall be as shown on the plan.
 - The Contractor shall construct, install and maintain the project signs at the locations shown on the Plans and as ordered by the Engineer.
 - The signs shall be removed and stockpiled upon completion of the project as ordered by the Engineer and are to become State property.
 - Letters shall be Series "C" of the sizes shown on the Plan and shall conform with the Standard Alphabet for Highway Signs, Bureau of Public Roads, 1952.
 - The Contractor shall fill in the proper numerals in place of ciphers as ordered by the Engineer.

- B. WOOD BARRICADES**
- The Contractor shall construct, install and maintain the wood barricades at the locations shown on the Plans and as ordered by the Engineer.
 - The permanent wood barricades shall be left in place or relocated upon completion of the project as ordered by the Engineer and are to become State property.

REVISED: October 2, 1967

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

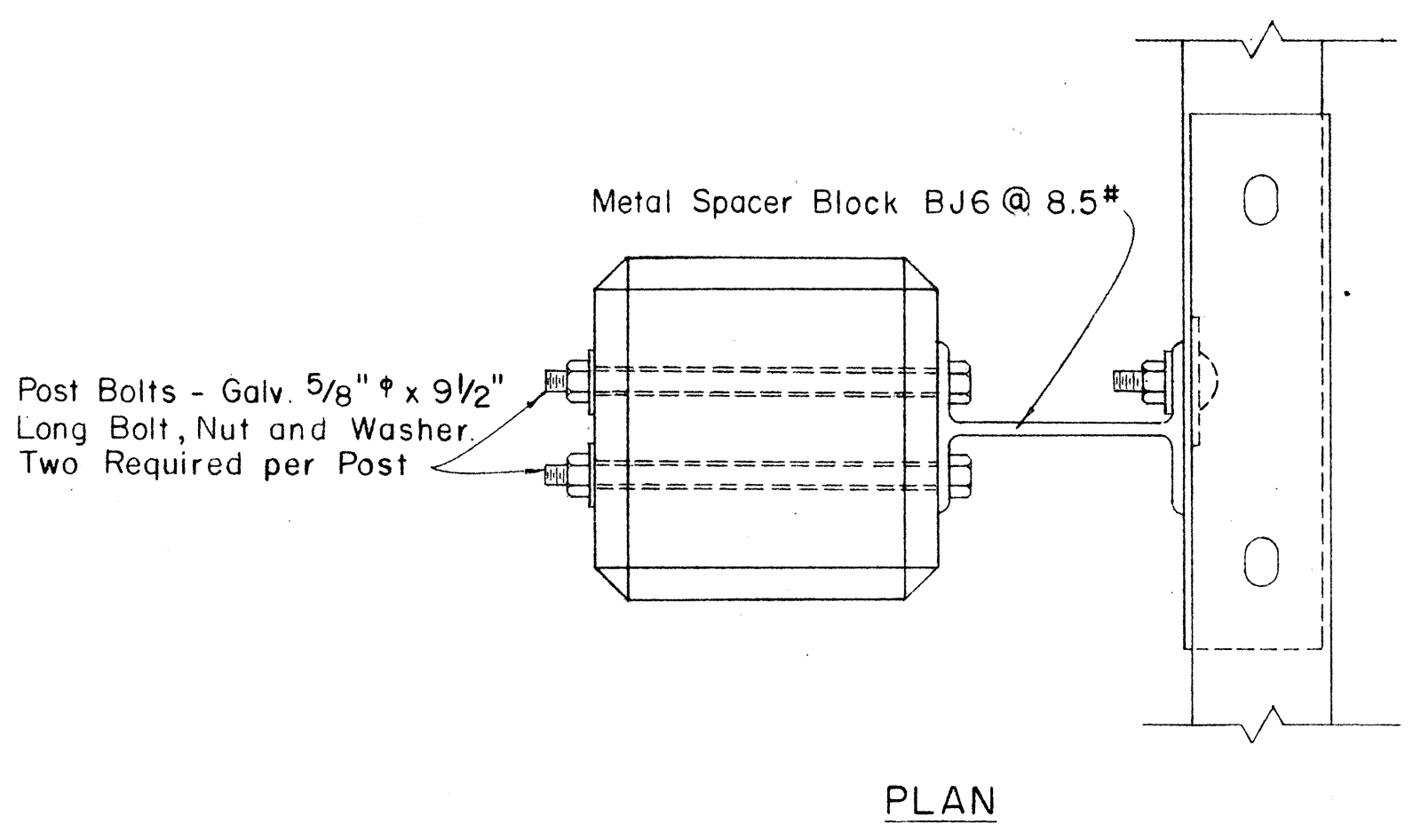
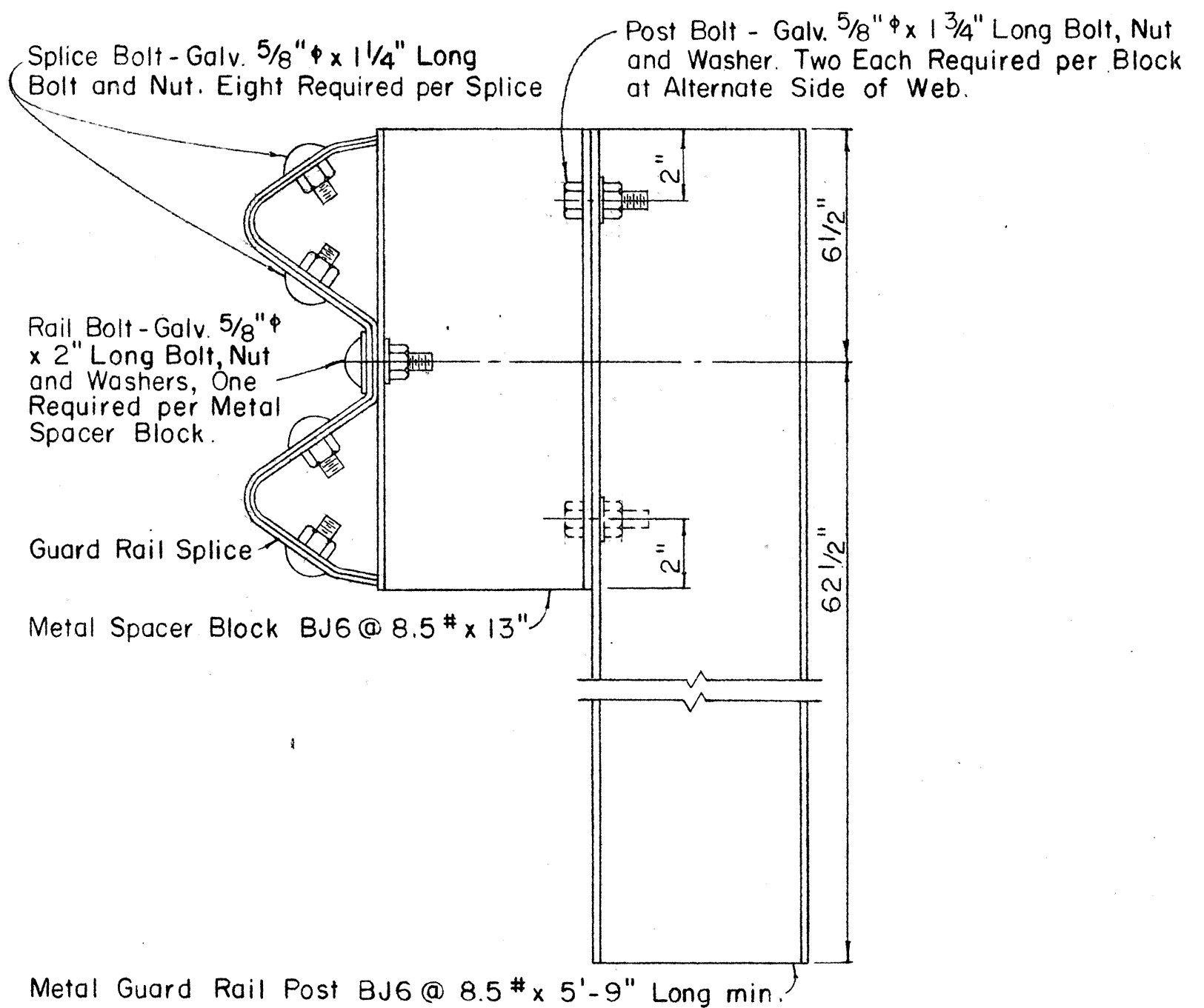
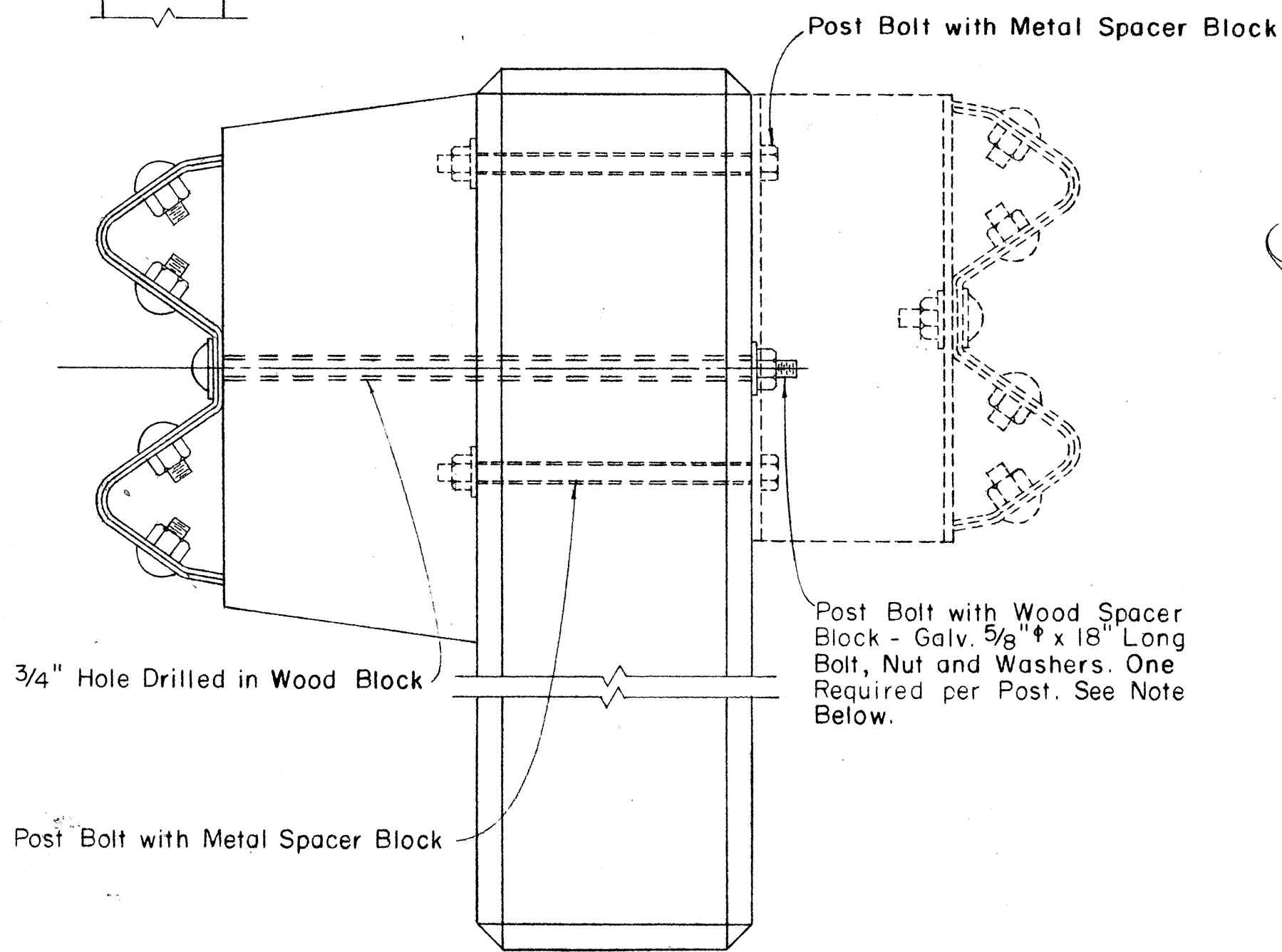
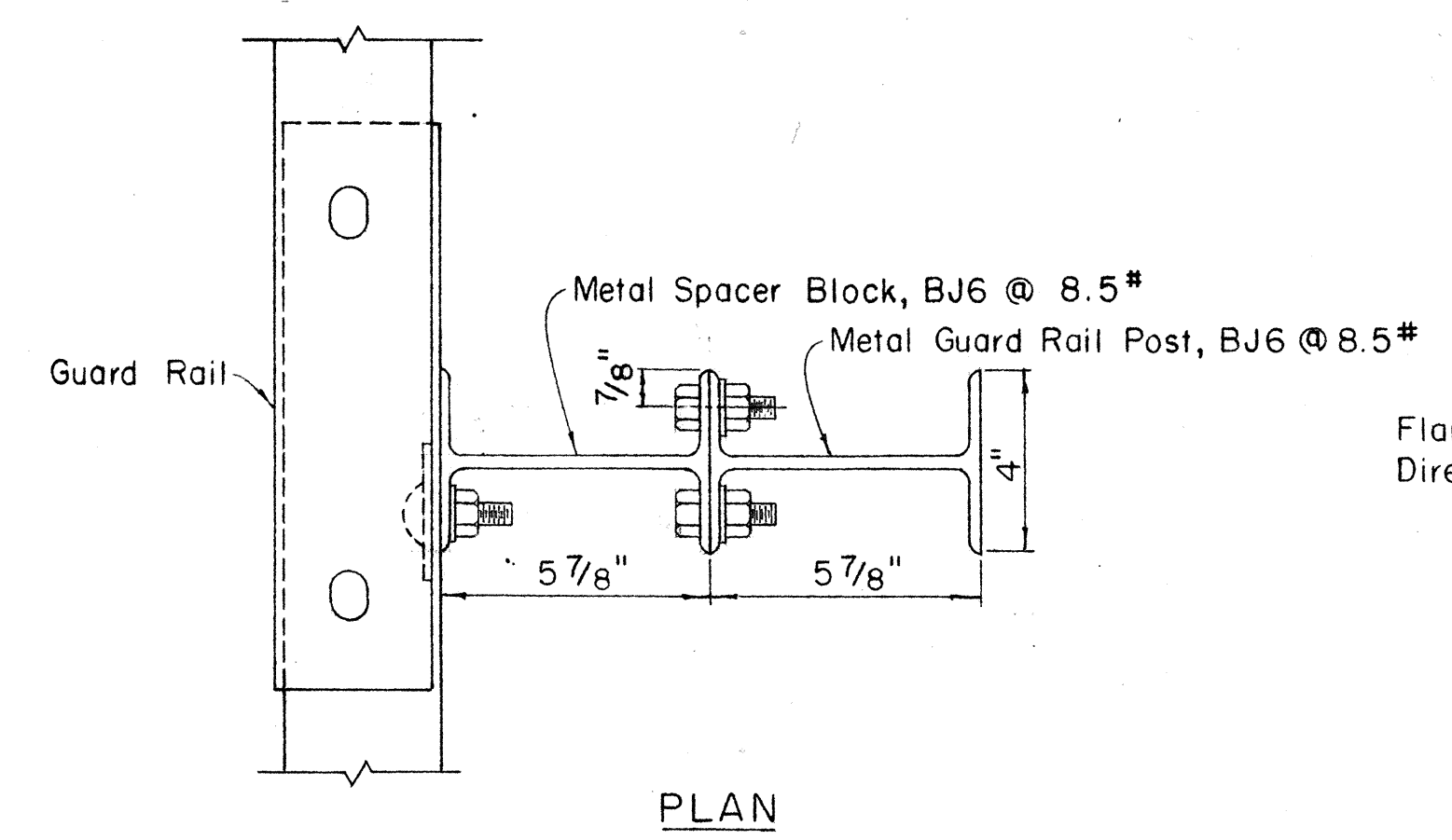
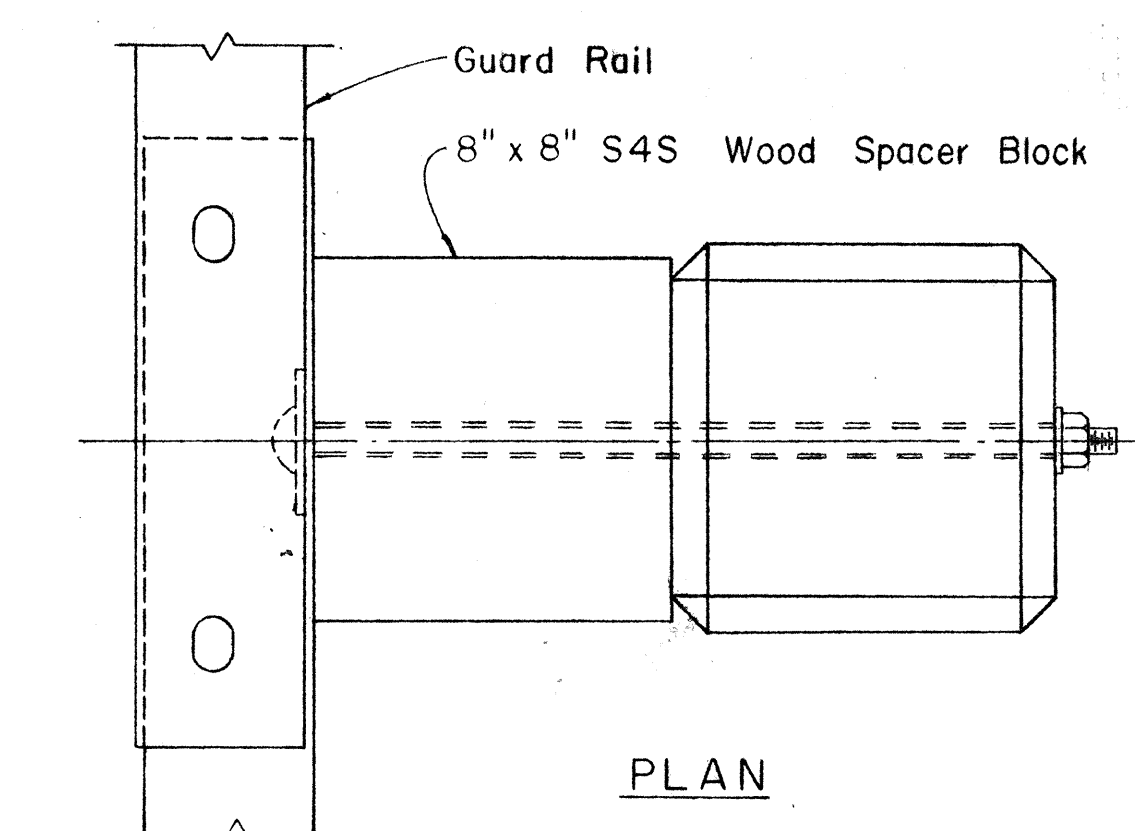
**TYPICAL DETAILS
CONSTRUCTION IDENTIFICATION SIGN
AND
WOOD BARRICADES**

INTERSTATE ROUTE H-1

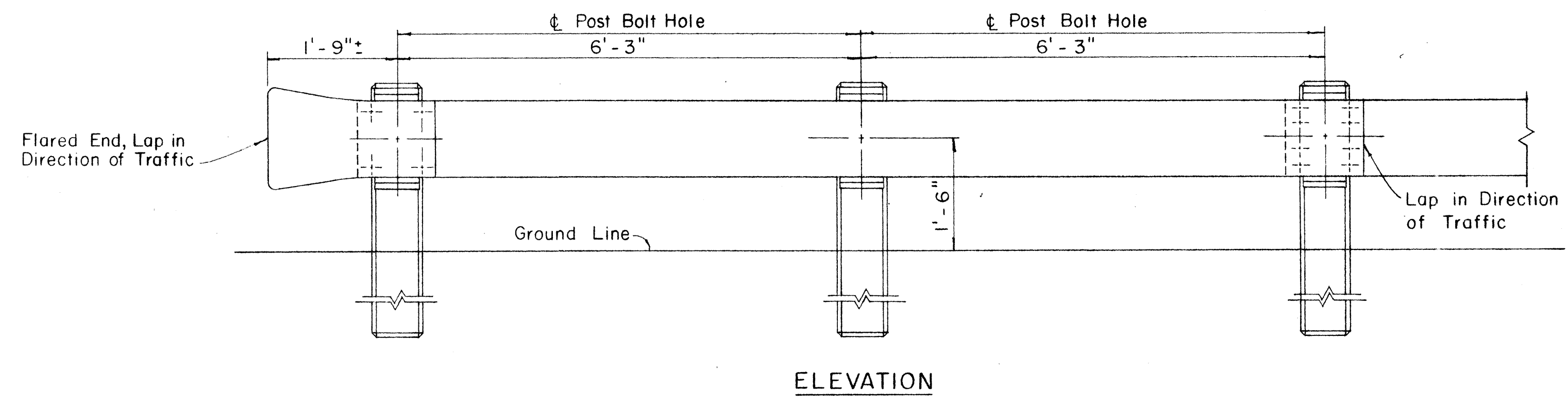
F.A.I. PROJ. NO. I-HI-1(32):5 Unit 3

SCALE: As Shown DATE: October 1967

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IHI-1(32):5, Unit 3	1967	17	77



SINGLE METAL GUARD RAIL ON METAL POST WITH METAL SPACER BLOCK
Scale: 3" = 1' - 0"



METAL GUARD RAIL ON CONCRETE POST WITH WOOD OR METAL SPACER BLOCK
Scale: 3/4" = 1' - 0"

SINGLE METAL GUARD RAIL ON PRECAST CONCRETE POST WITH WOOD OR METAL SPACER BLOCK
Scale: 3" = 1' - 0"

NOTE:
Single Guard Rails Shown. For Double Guard Rails Additional Spacer Blocks and Rail Elements Required on Opposite Side of Posts. See Bolt Schedule for Required Bolt Lengths.

DETAILS FOR SINGLE GUARD RAIL

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

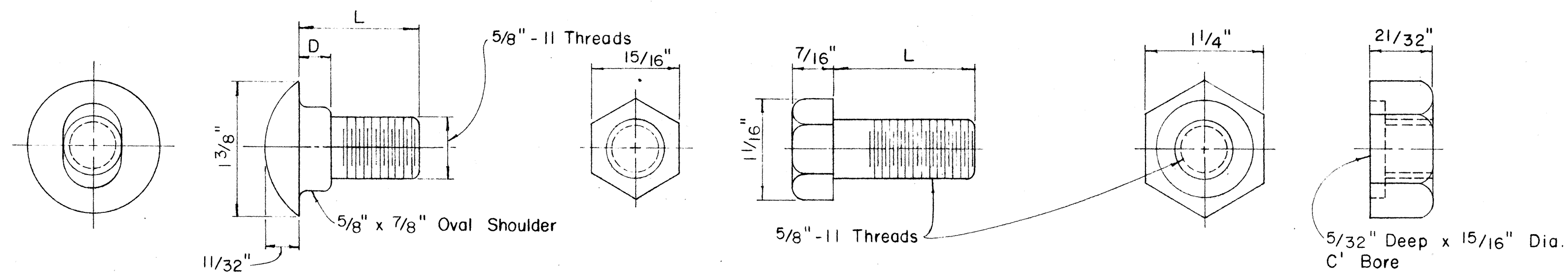
STANDARD DETAILS
METAL GUARD RAIL
INTERSTATE ROUTE H-1
F.A.I. PROJ. NO. I-HI-1(32):5 Unit 3
Scale: as noted

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(32):5, Unit 3	1967	18	99

BOLT DIMENSIONS		
TYPE A BOLT		
Splice Bolt	D 5/16"	L 1 1/4"
Post Bolt for Conc. Post w/ Double Wood Blocks	3/32"	25"
Post Bolt for Conc. Post w/ Single Wood Block	3/32"	18"
Rail Bolt for Metal Block	3/32"	2"

BOLT DIMENSIONS		
TYPE B BOLT		
Post Bolt for Conc. Post w/ Metal Blocks	L 9 1/2"	
Post Bolt for Metal Post w/ Metal Block	L 1 3/4"	



TYPE A BOLT

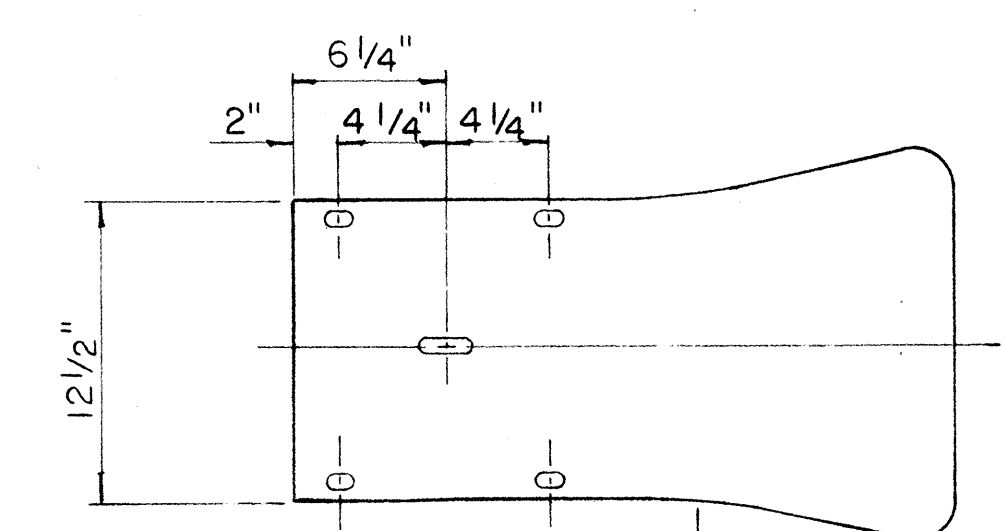
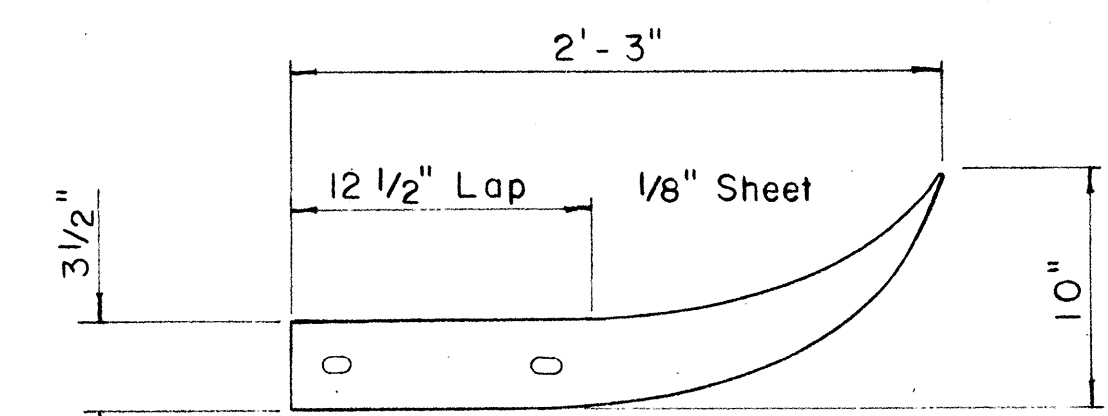
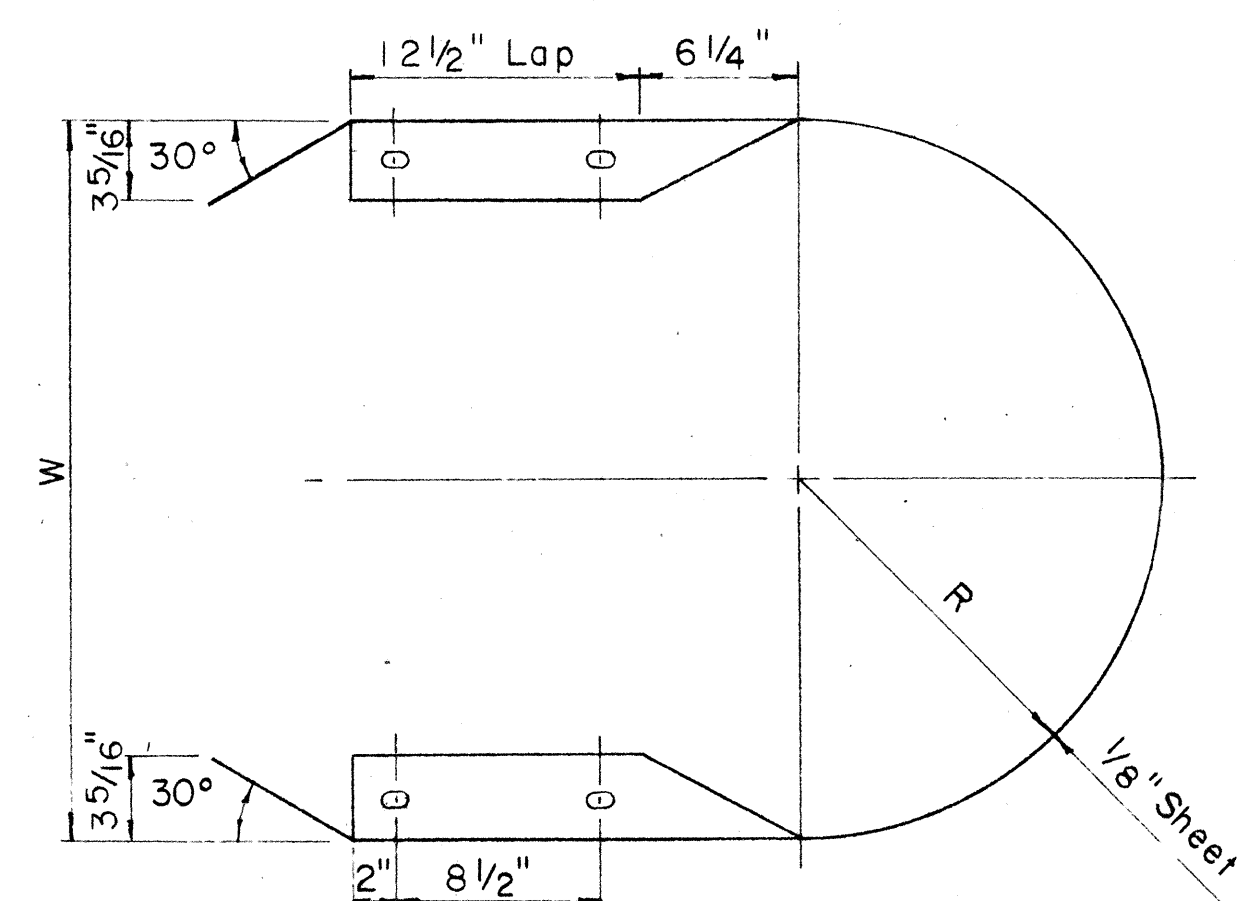
TYPE B BOLT

HEXAGON NUT

SPLICE RAIL AND POST BOLTS

Scale: Full Size

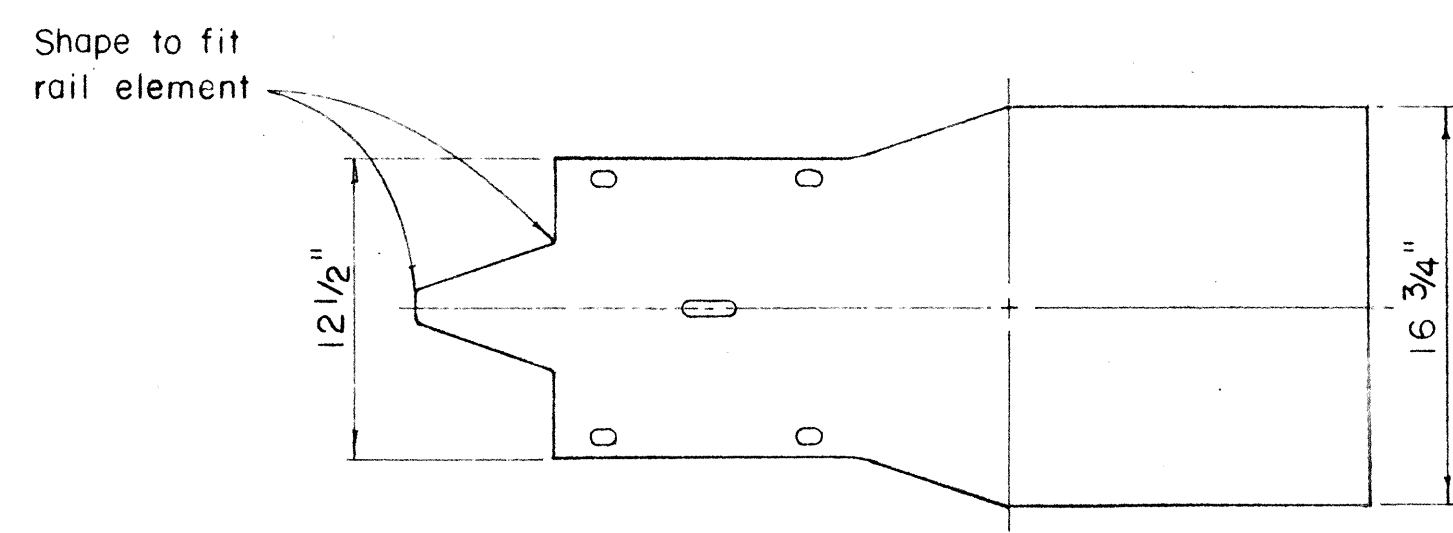
Scale: Full Size



Same as rail element section

FLARED END

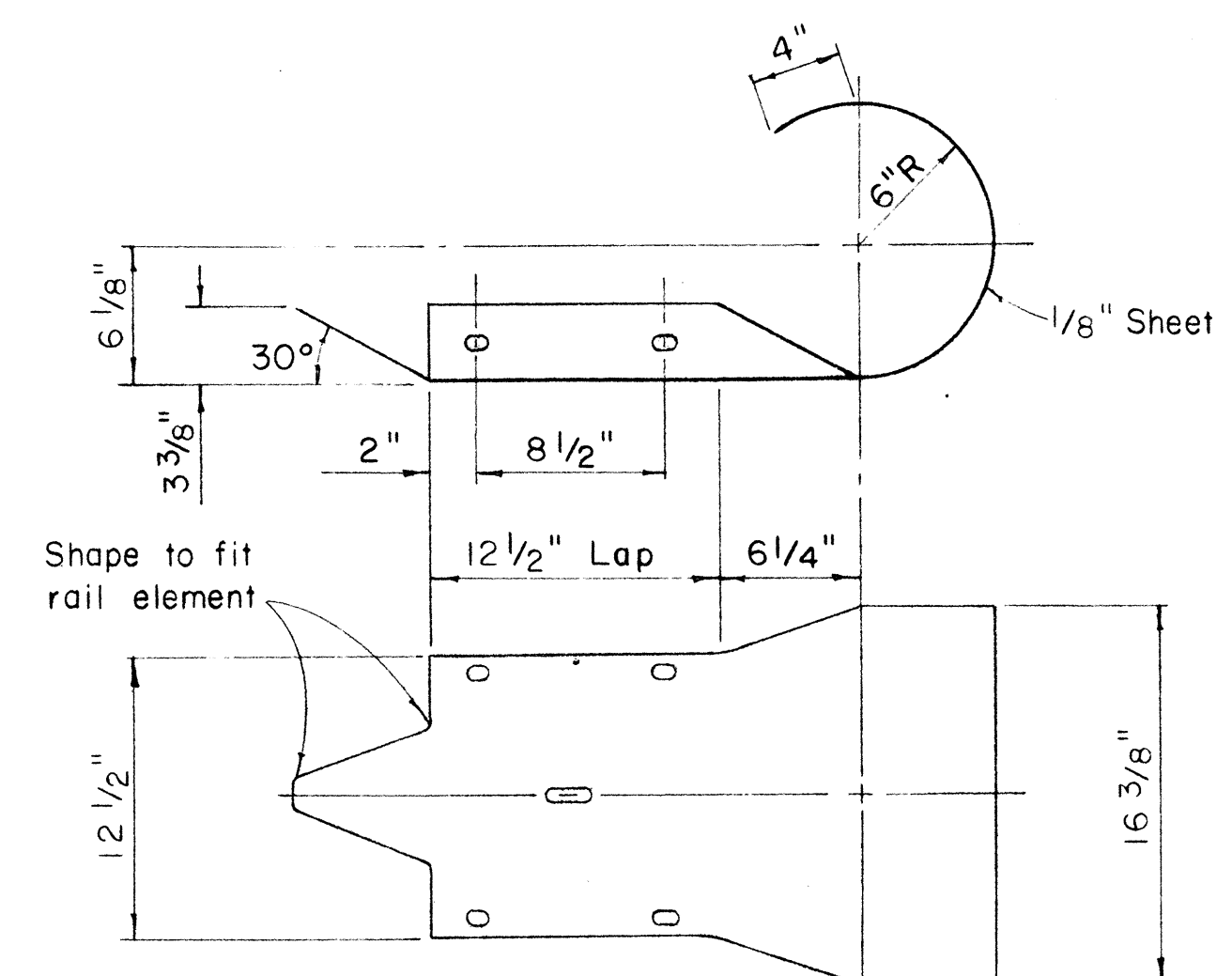
Scale: 1 1/2" = 1' - 0"



MEDIAN END

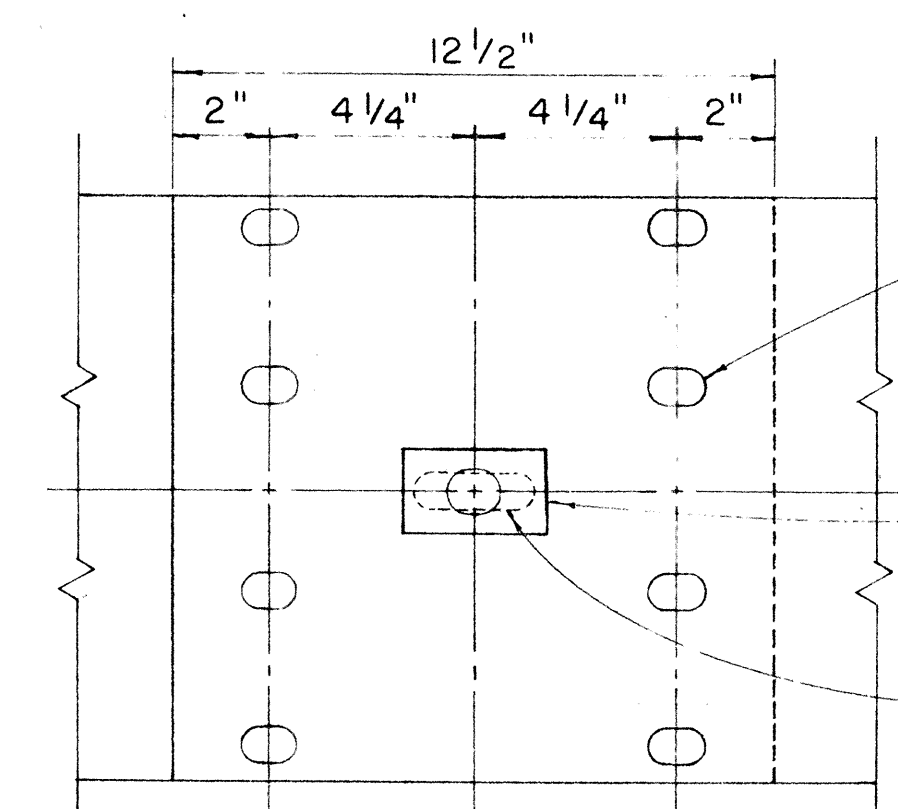
Scale: 1 1/2" = 1' - 0"

MEDIAN END DIMENSIONS		
TYPE OF POST AND BLOCK	W	R
Double Metal Guard Rail on Concrete Post with Wood Blocks	29 3/4"	14 7/8"
Double Metal Guard Rail on Concrete Post with Metal Blocks (BJ6)	26 1/2"	13 1/4"
Double Metal Guard Rail on Metal Post with Metal Blocks (BJ6)	24 3/8"	12 3/16"



CURVED END

Scale: 1 1/2" = 1' - 0"



RAIL SPLICE

Scale: 3" = 1' - 0"

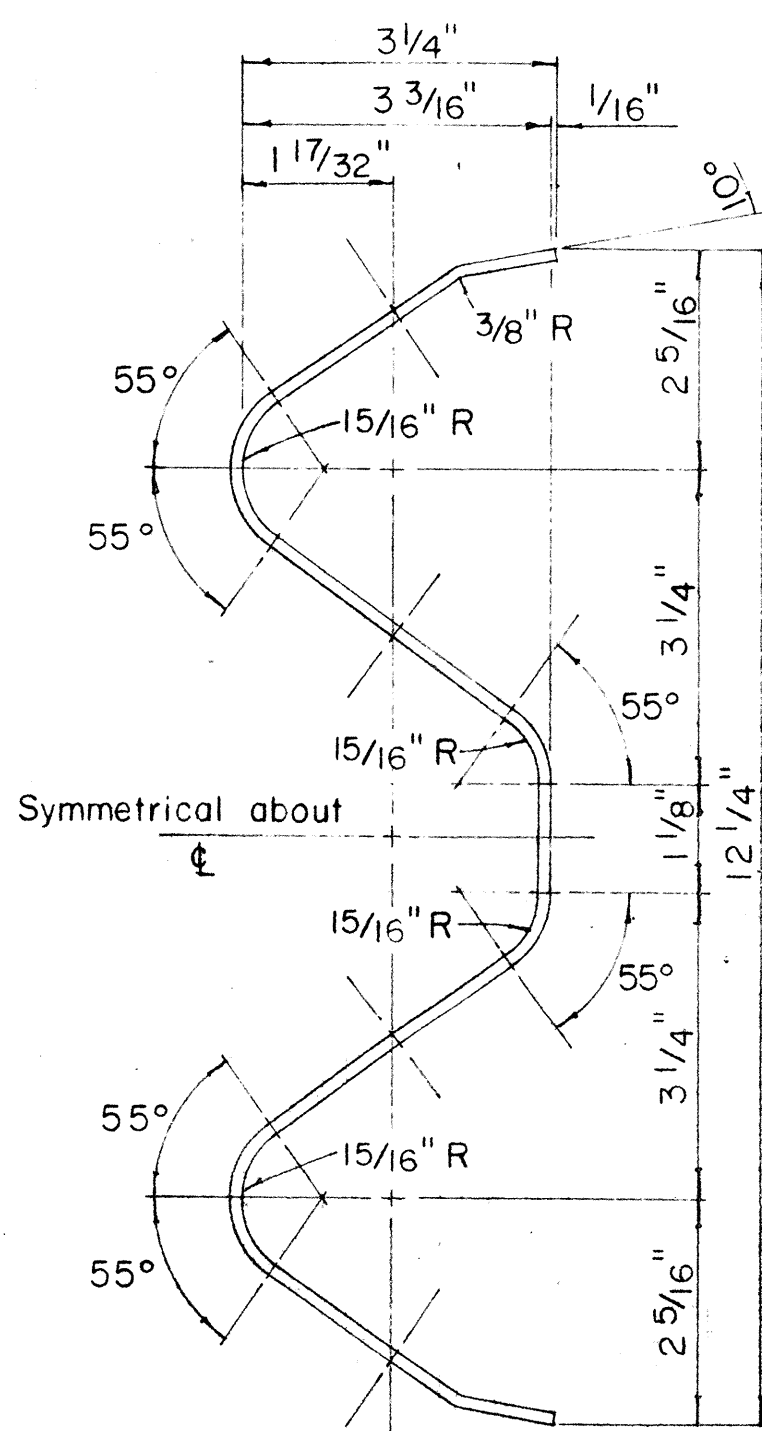
SPLICE BOLT SLOT

Scale: Full Size

SPLICE BOLT SLOT FOR ALL ENDS

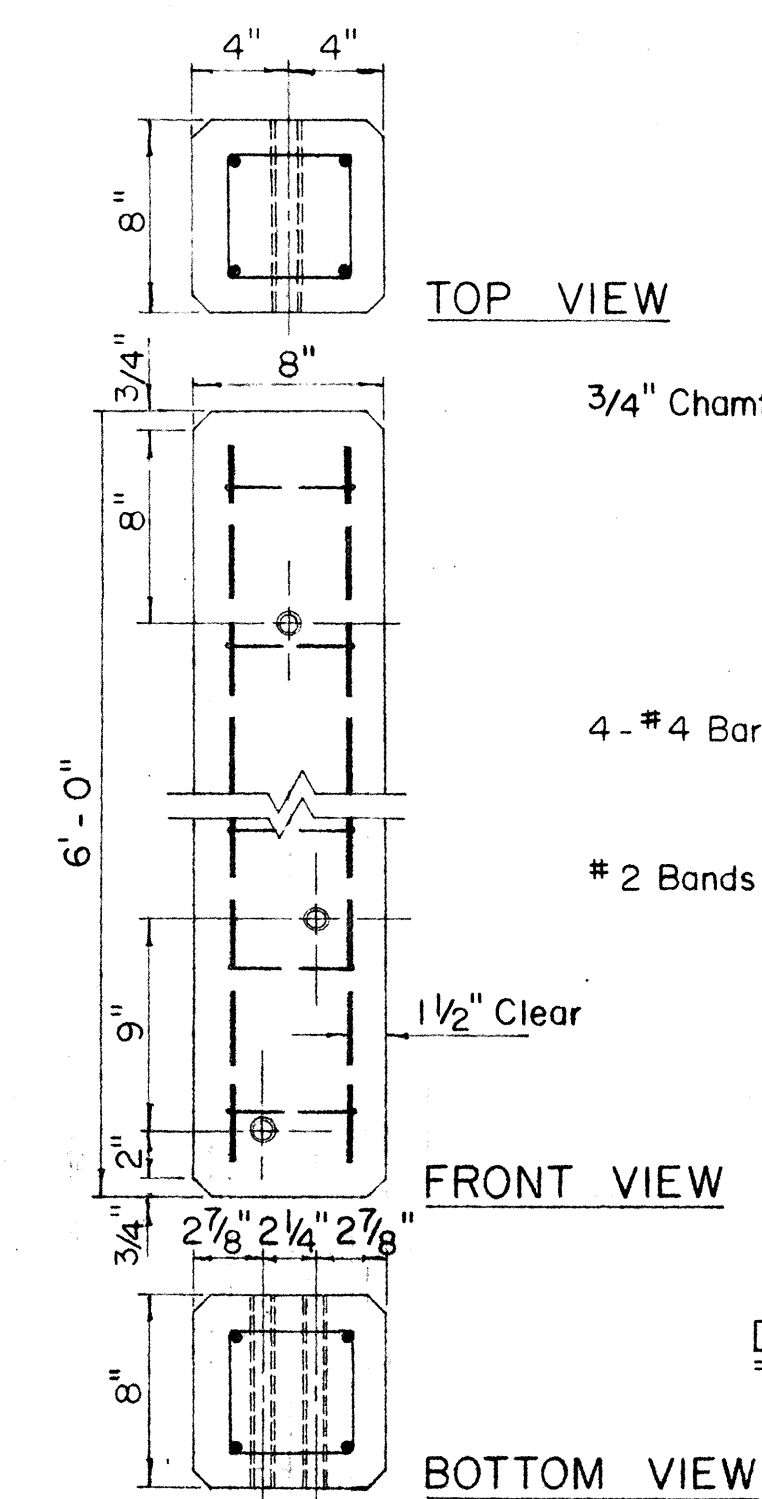
POST BOLT SLOT

RAIL WASHER



RAIL ELEMENT SECTION

Scale: 6" = 1' - 0"

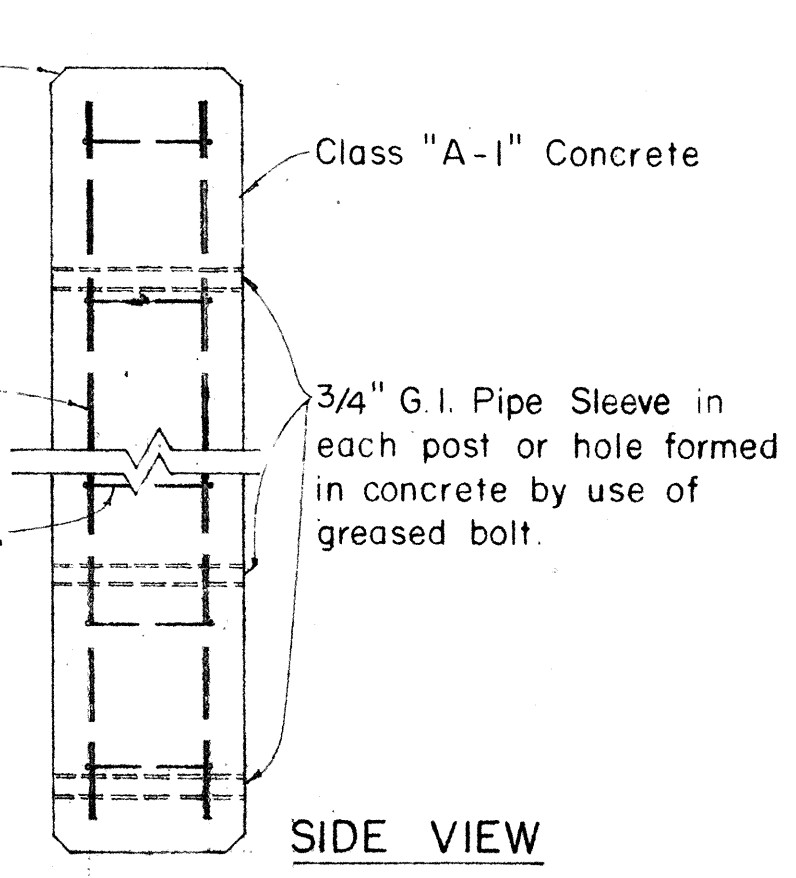


TOP VIEW

FRONT VIEW

BOTTOM VIEW

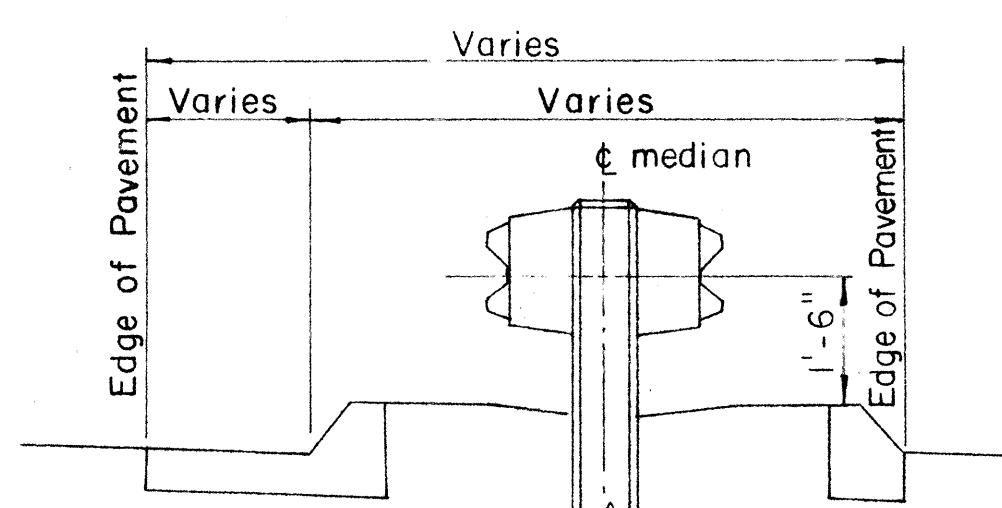
NOTE: Concrete post shall be precast



SIDE VIEW

DETAIL OF CONCRETE POST

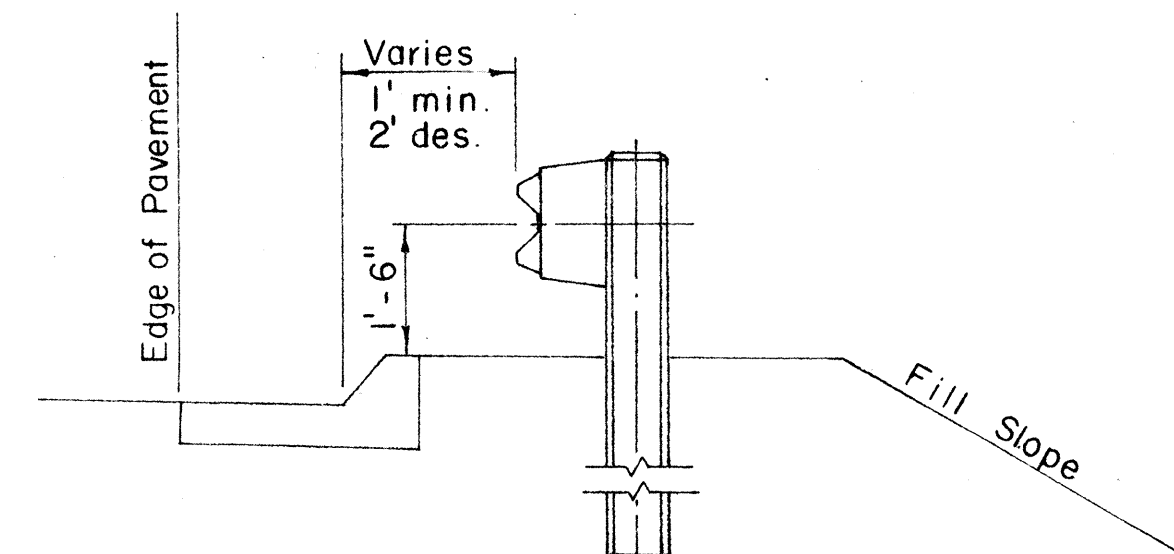
Scale: 1 1/2" = 1' - 0"



MEDIAL

TYPICAL GUARD RAIL DETAIL

Scale: 1/2" = 1' - 0"



SHOULDER

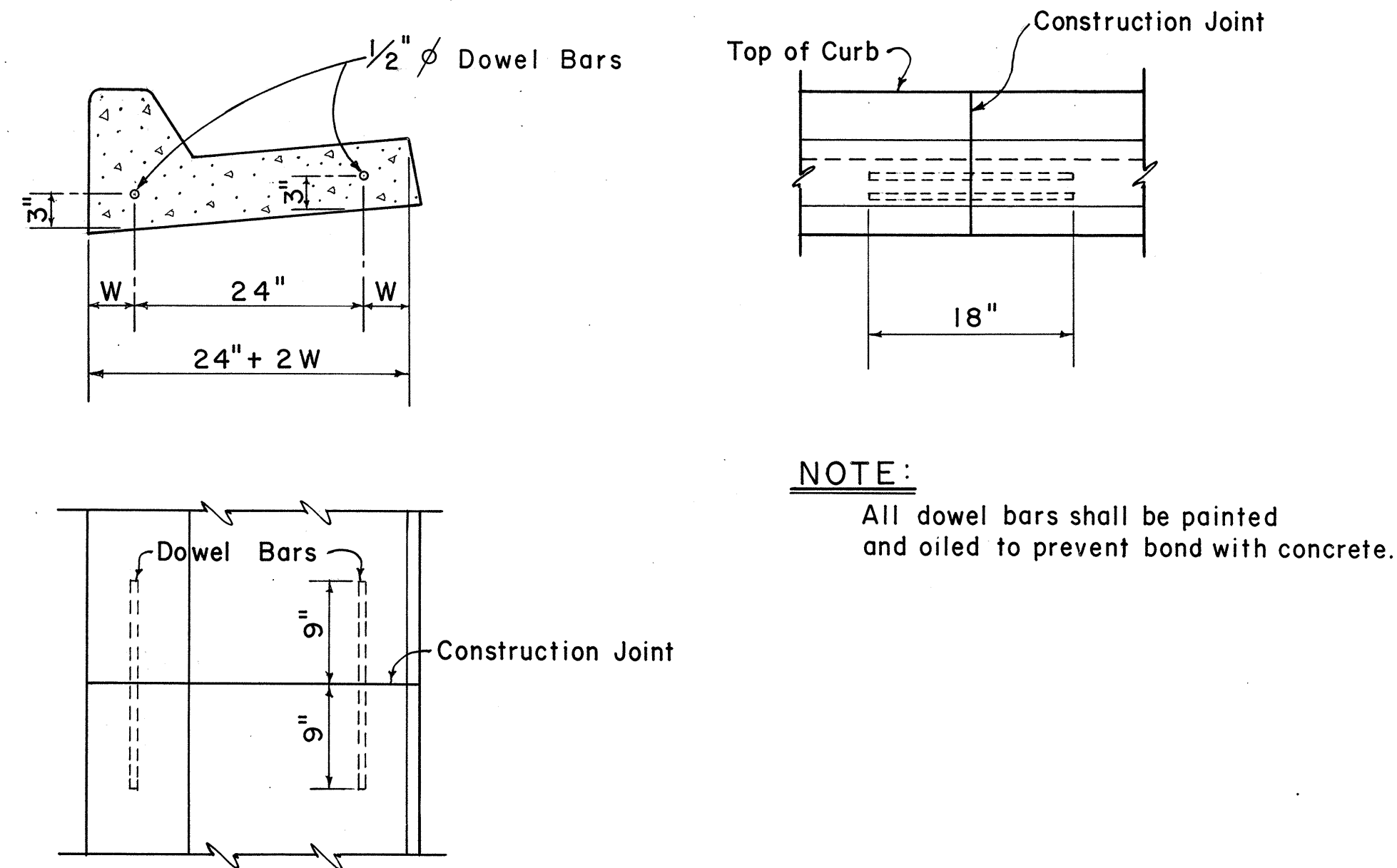
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS

METAL GUARD RAIL
INTERSTATE ROUTE H-1
F.A.I. PROJ. NO. 1-HI-1(32):5, Unit 3
Scale: as noted

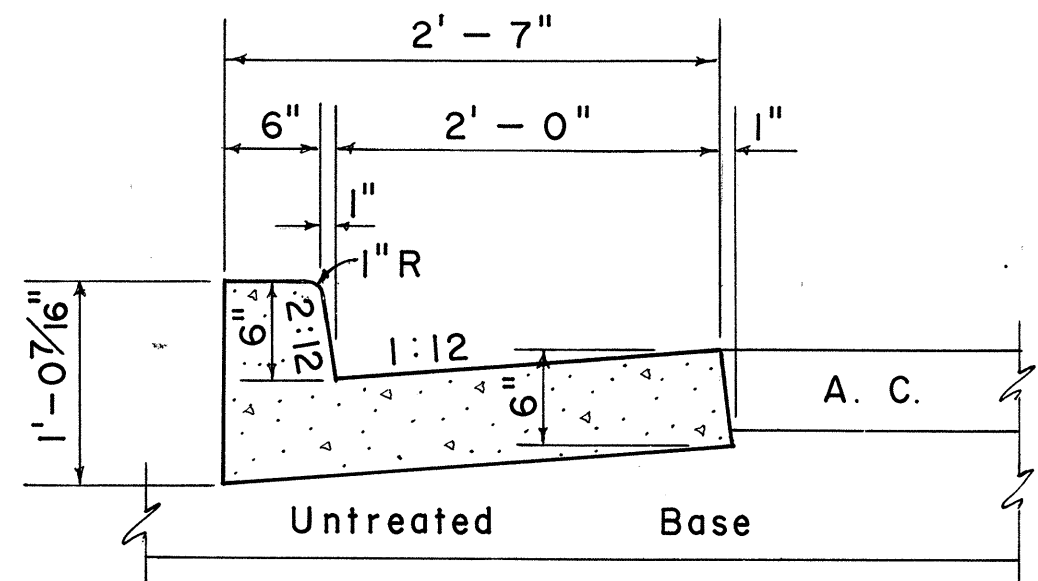
SHEET No. 3 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI(32): 5, Unit 3	1967	19	99



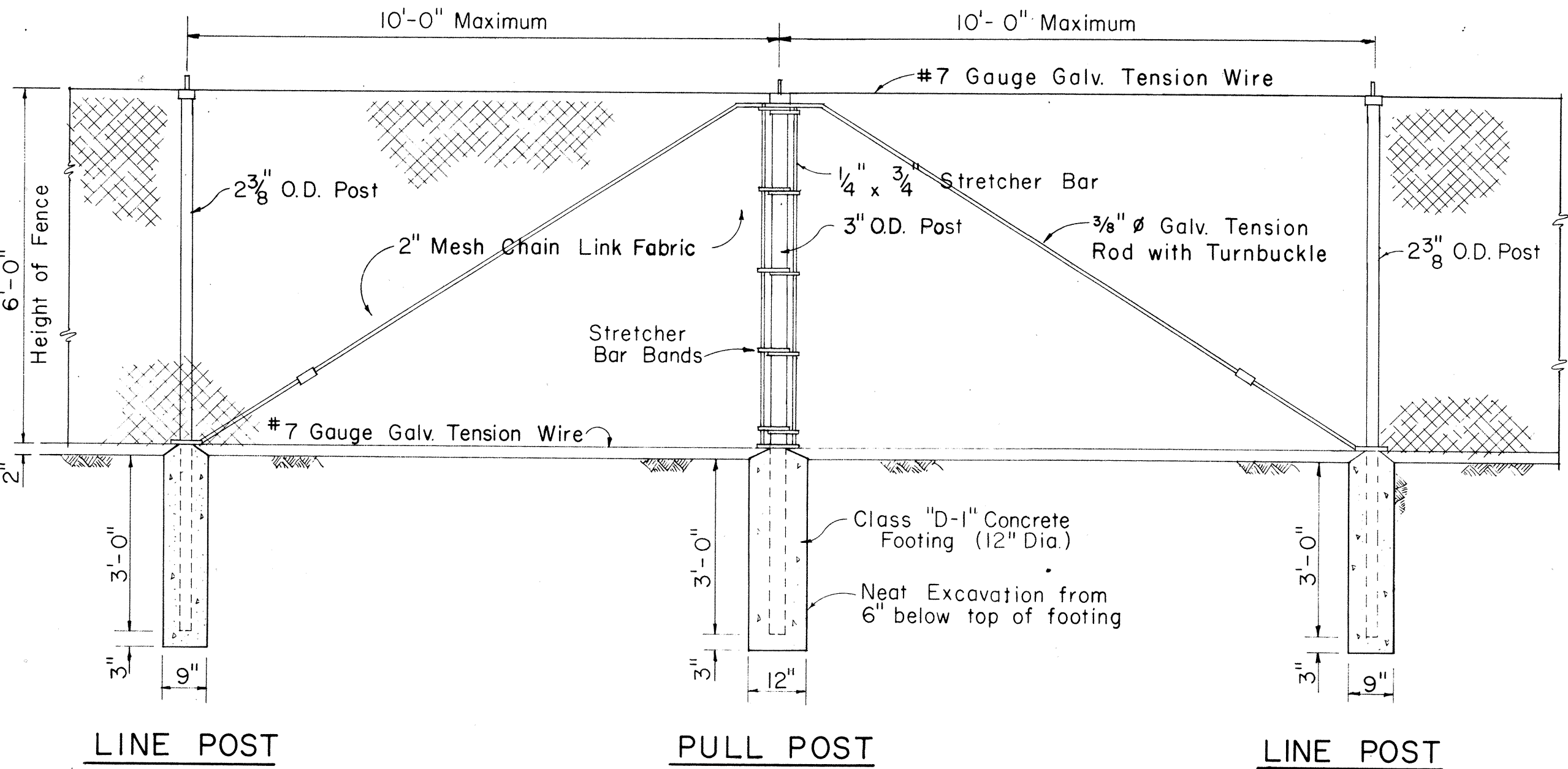
**TYPICAL CONSTRUCTION JOINT DETAIL
FOR CAST-IN-PLACE CONCRETE CURB & GUTTER**

Scale: 1" = 1'-0"



TYPE "DG" CURB & GUTTER

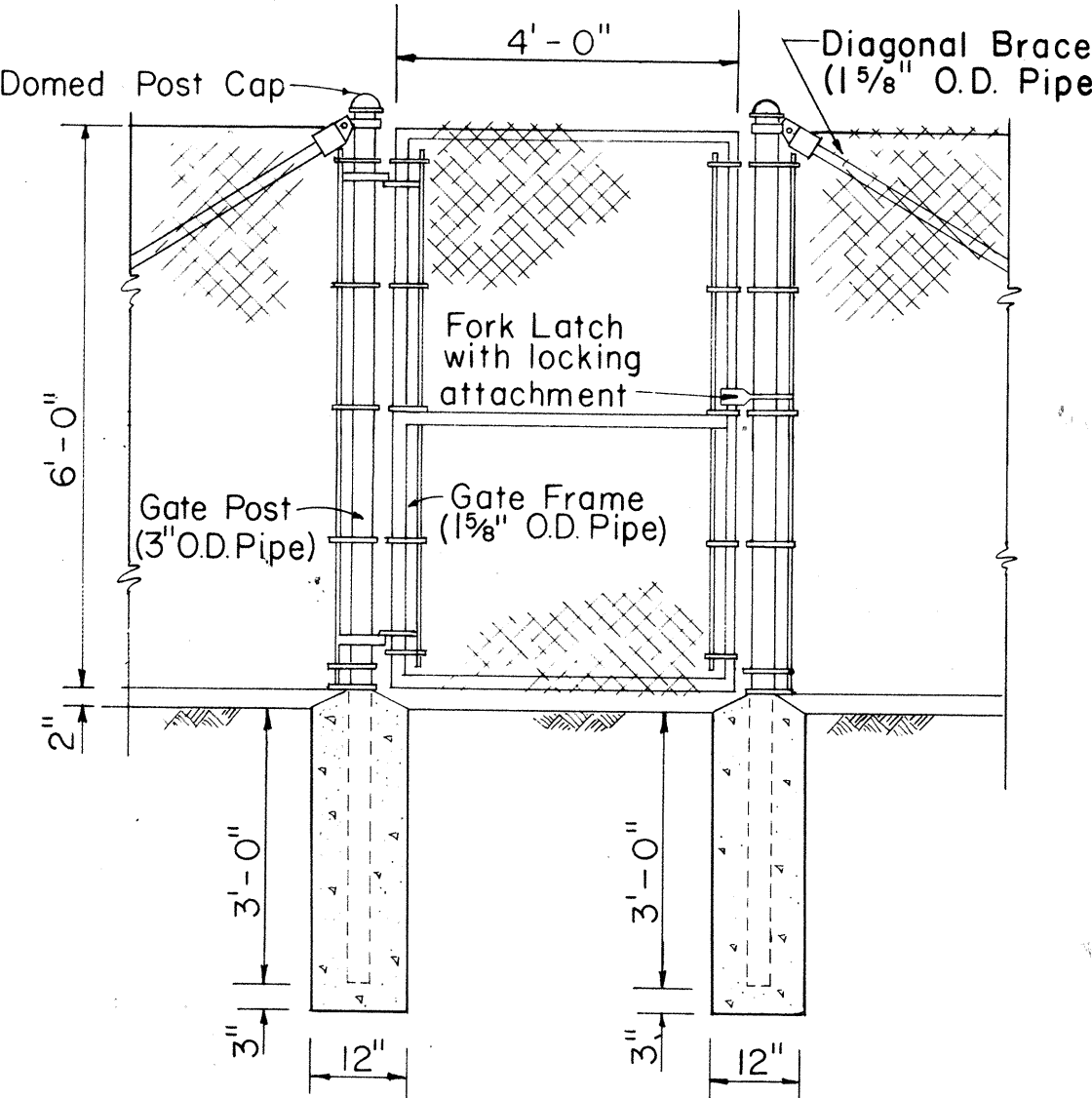
Scale: 1" = 1'-0"



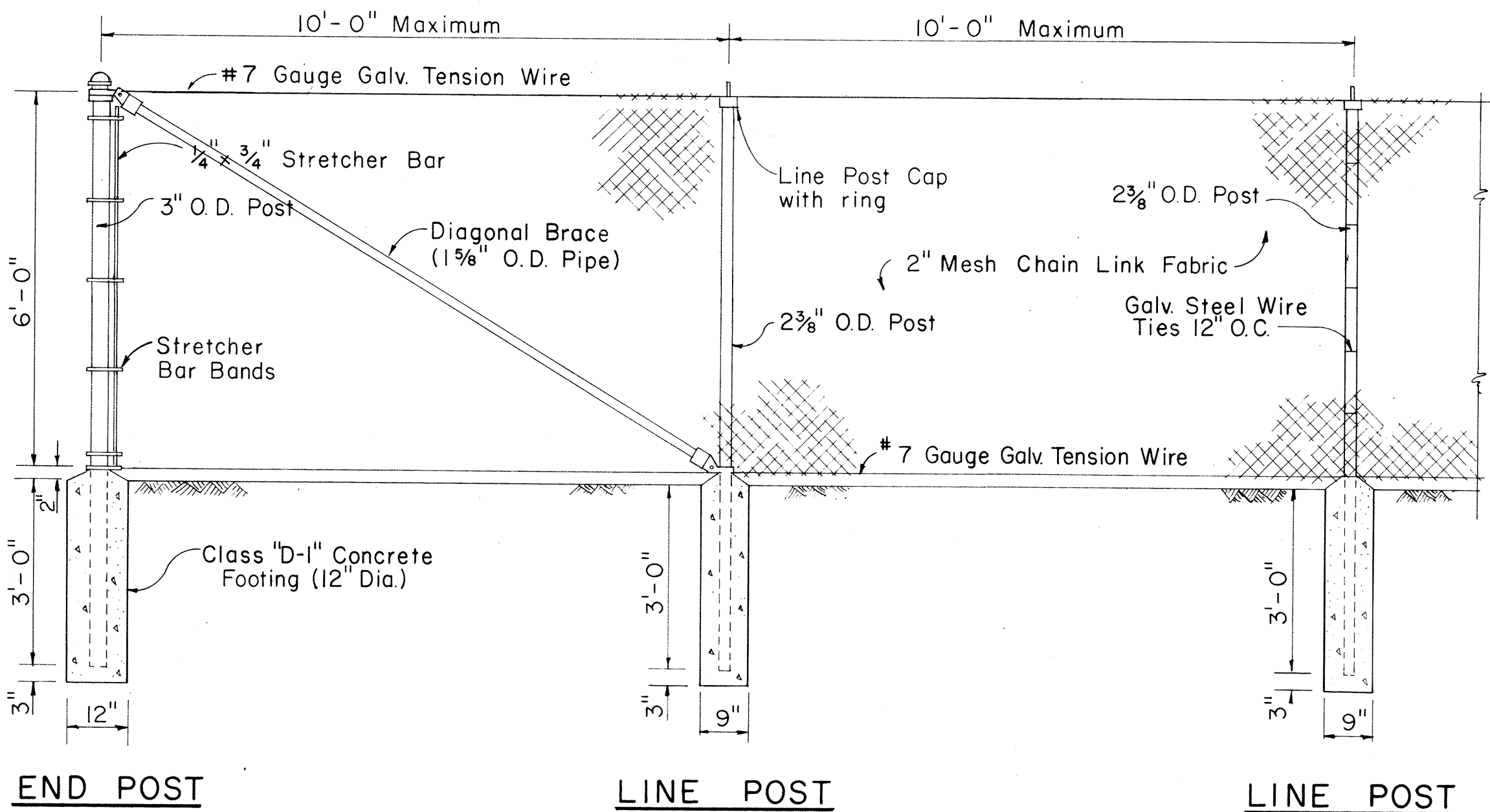
LINE POST

PULL POST

LINE POST



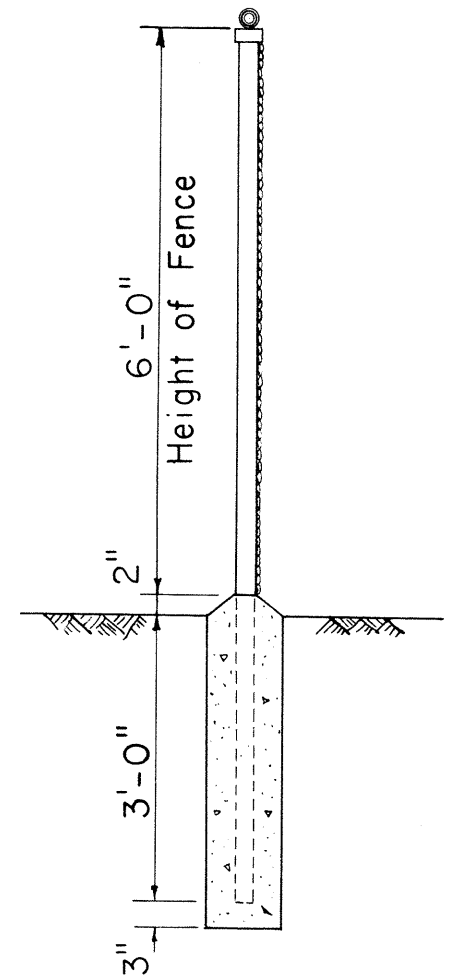
**GATE POST GATE POST
DETAIL OF 4 FT. CH. LK. GATE**



END POST

LINE POST

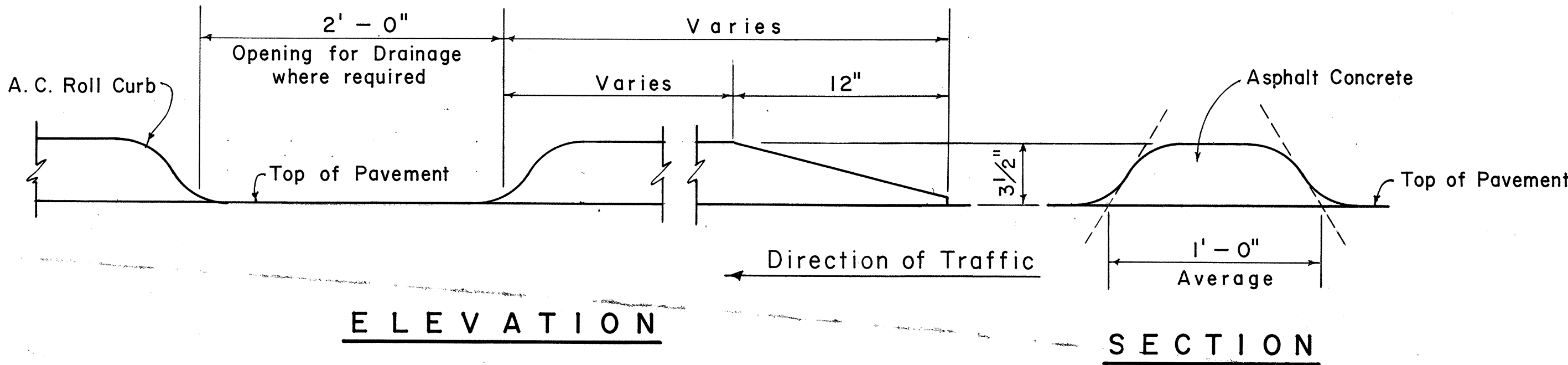
LINE POST



TYPICAL SECTION

CHAIN LINK FENCE DETAILS
Scale: 1/2" = 1'-0"

NOTE: O.D. refers to outside diameter.



ELEVATION

SECTION

A. C. TRAFFIC ROLL CURB

Not To Scale

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

STANDARD DETAILS

INTERSTATE ROUTE H-1

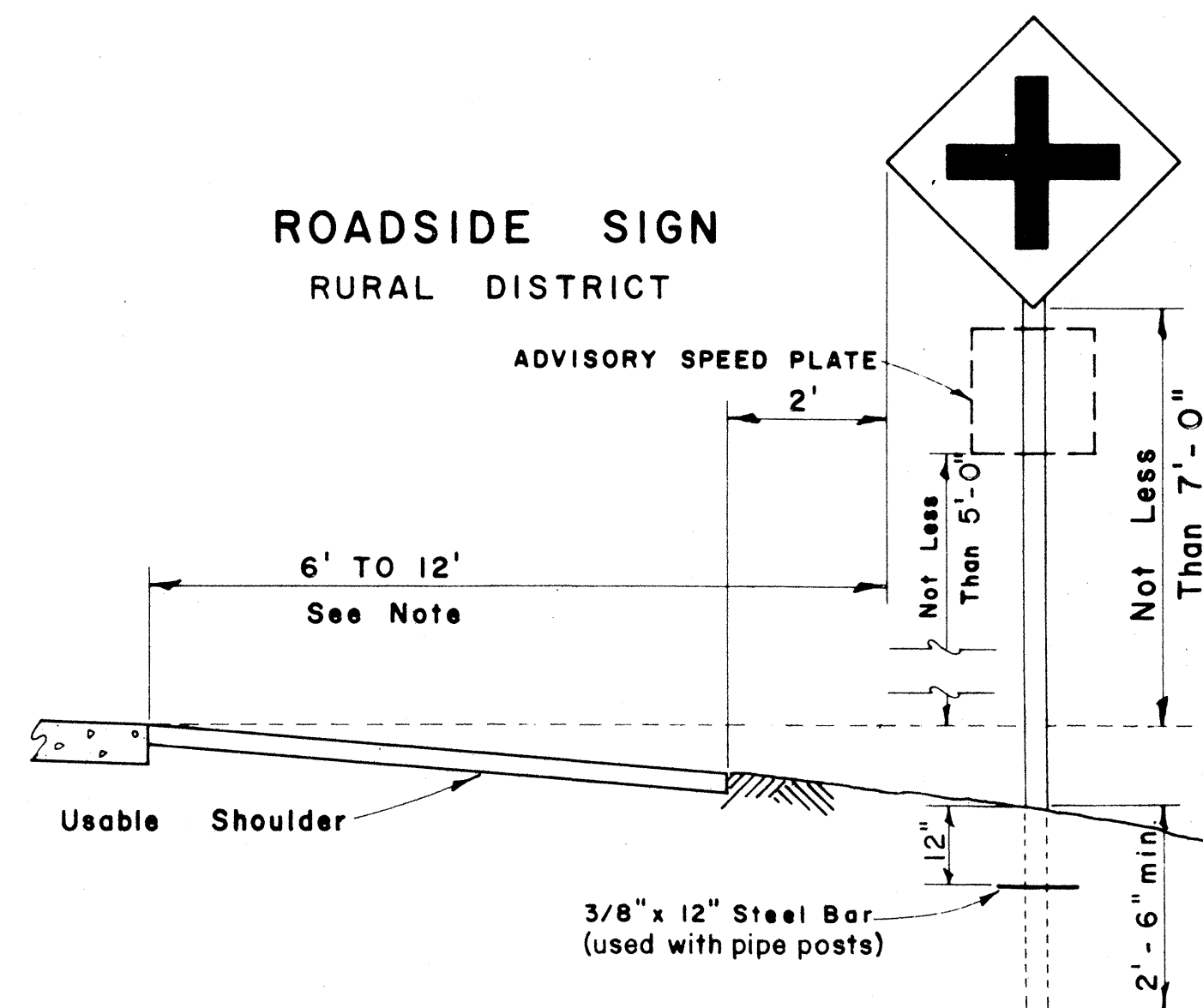
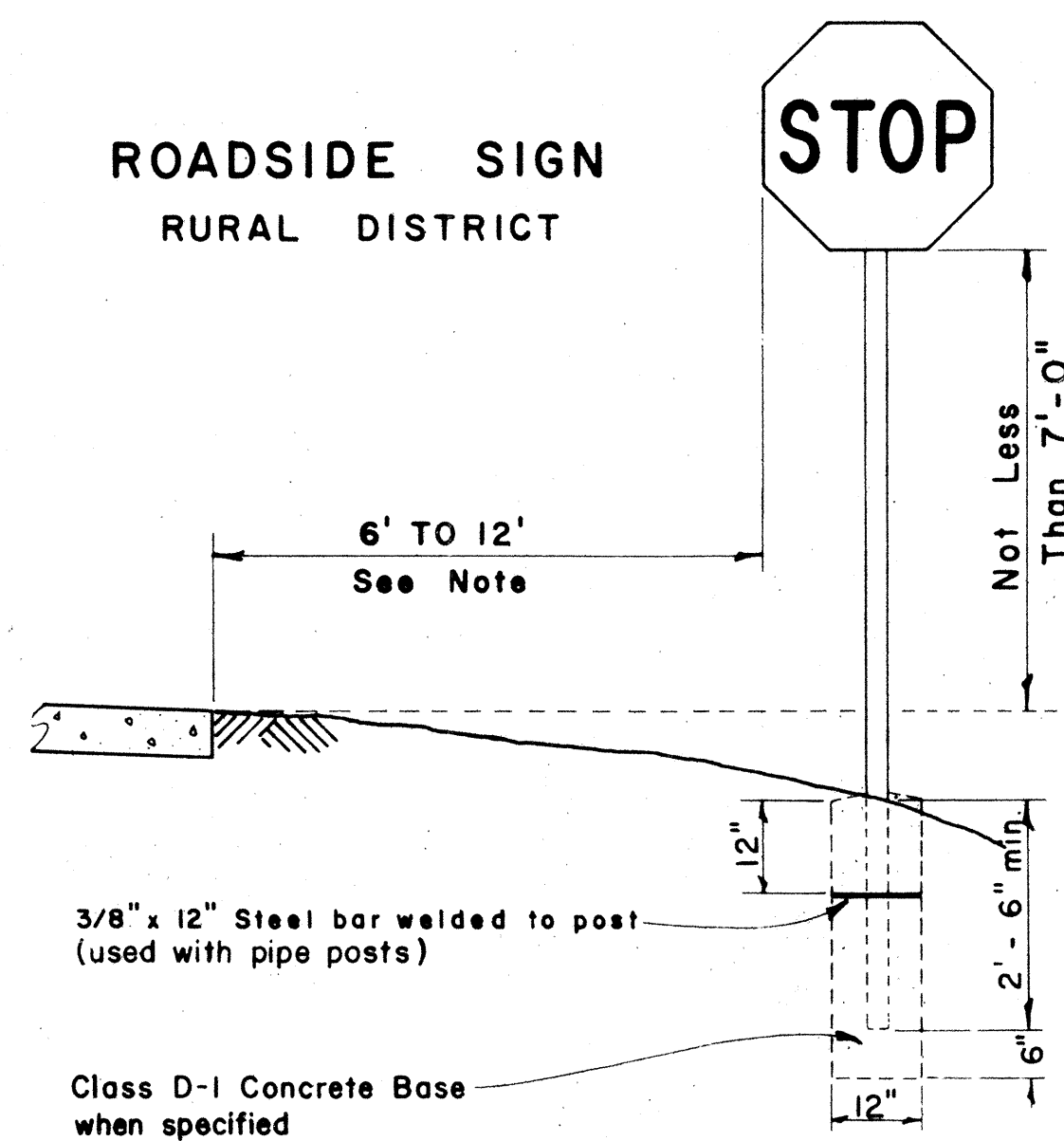
F.A.I. PROJ. NO. I-HI-1(32):5, Unit 3

Scales: As Noted

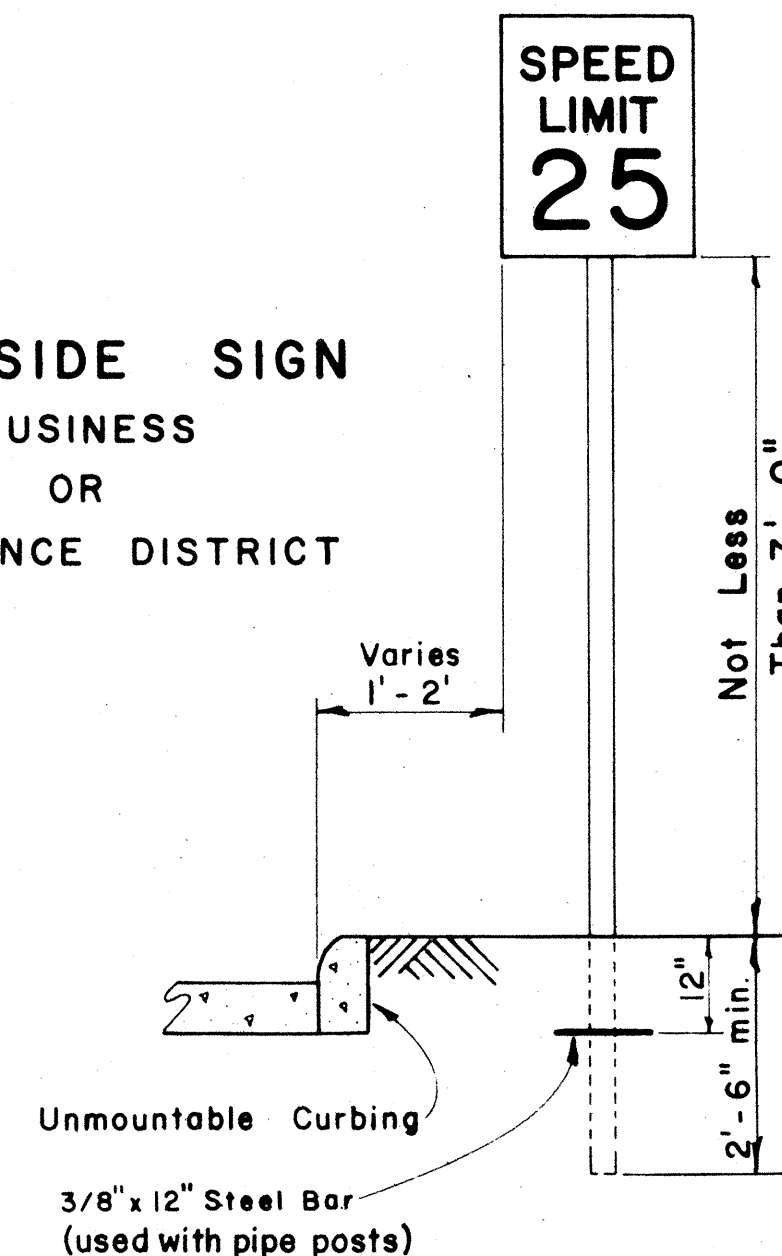
Date: June 1967

SHEET No. 4 OF 10 SHEETS

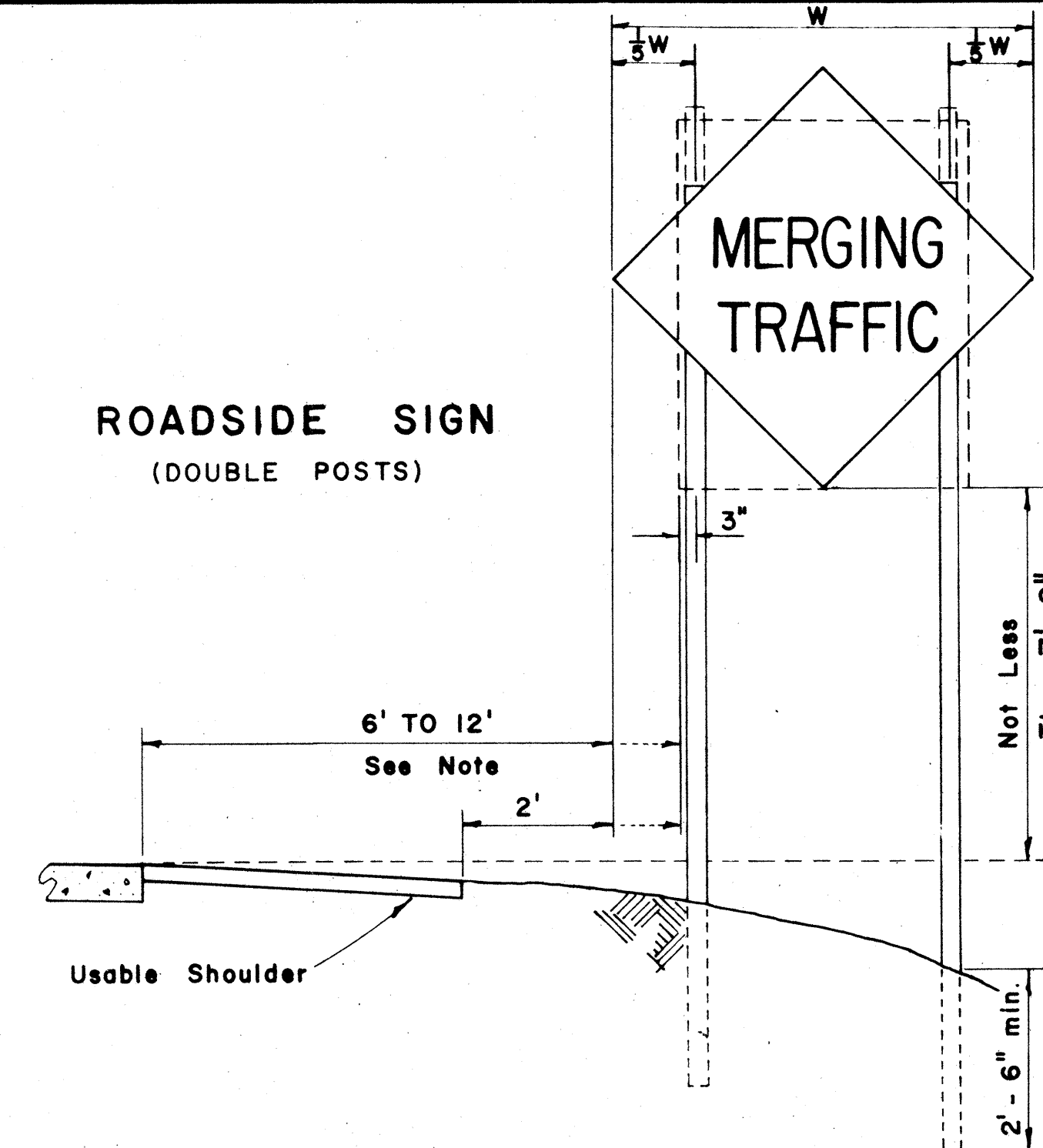
- NOTE:
1. All signs and road delineators shall be placed 2' outside the usable roadway shoulder or 1' outside unmountable curbing present and within the limits shown below.
 2. Except as noted below, sign posts shall be either 3" galv. std. pipe or 2 1/2" x 2 1/2" galv. square tube posts for signs larger than 24" in any dimension; 2" galv. std. pipe or 2" x 2" galv. square tube posts for signs 24" or less in any dimension.
 3. Sign shall be attached to post with 5/16" galvanized bolts with nuts and 7/8" x 7/8" x .120" stainless-steel washers with neoprene rubber gasket.
 4. Clearance Markers (RM-3, RM-4) shall be installed with the inside edge of the marker in line with the inner edge of the obstruction.
 5. Signs 48" and wider or larger than 10 sq. ft. in area shall be mounted on two 3" galv. std. pipe or two 2 1/2" x 2 1/2" galv. square tube posts.



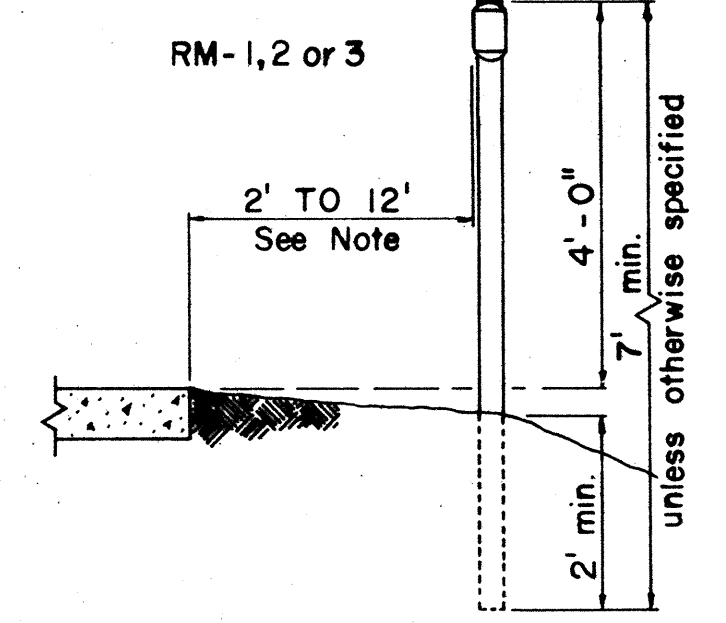
ROADSIDE SIGN
BUSINESS
OR
RESIDENCE DISTRICT



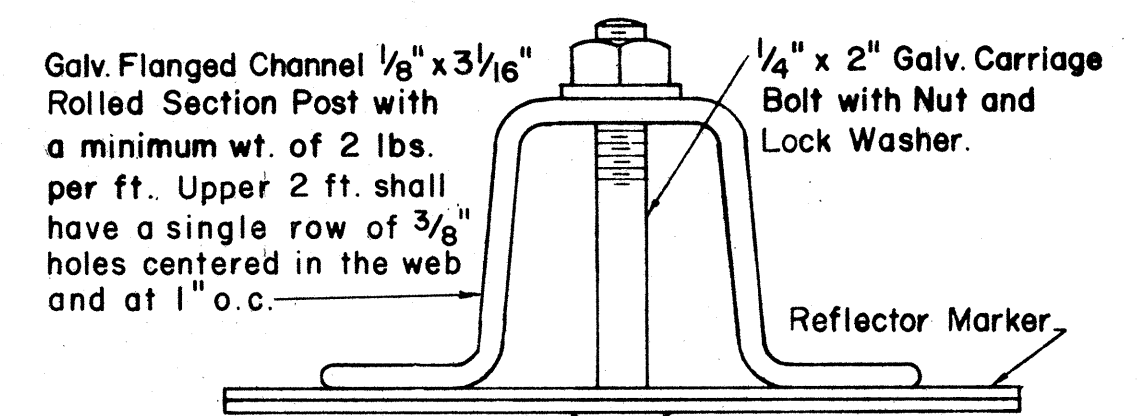
ROADSIDE SIGN
(DOUBLE POSTS)



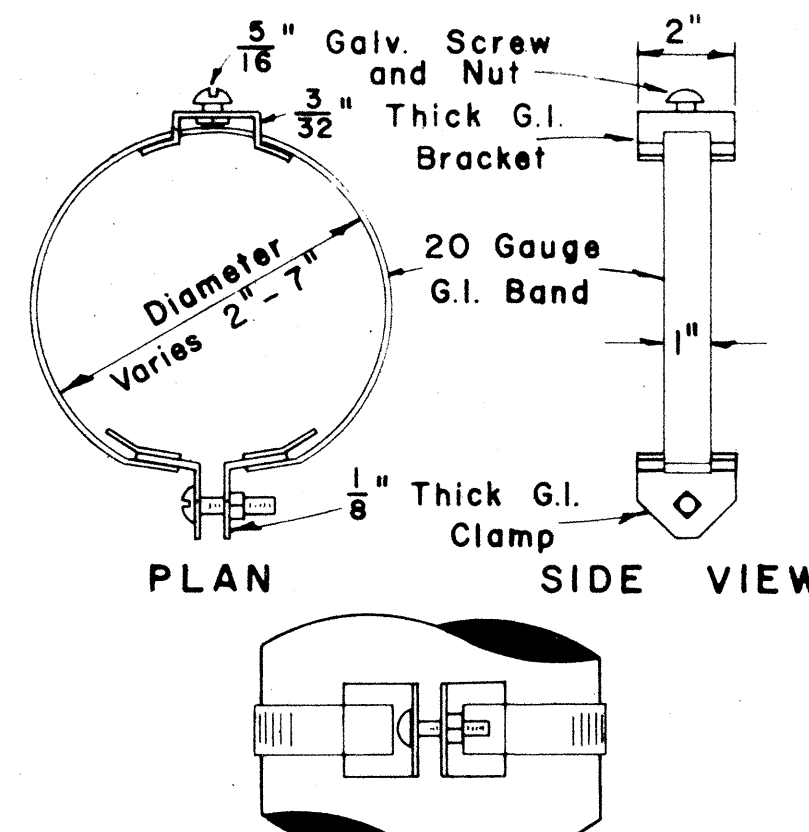
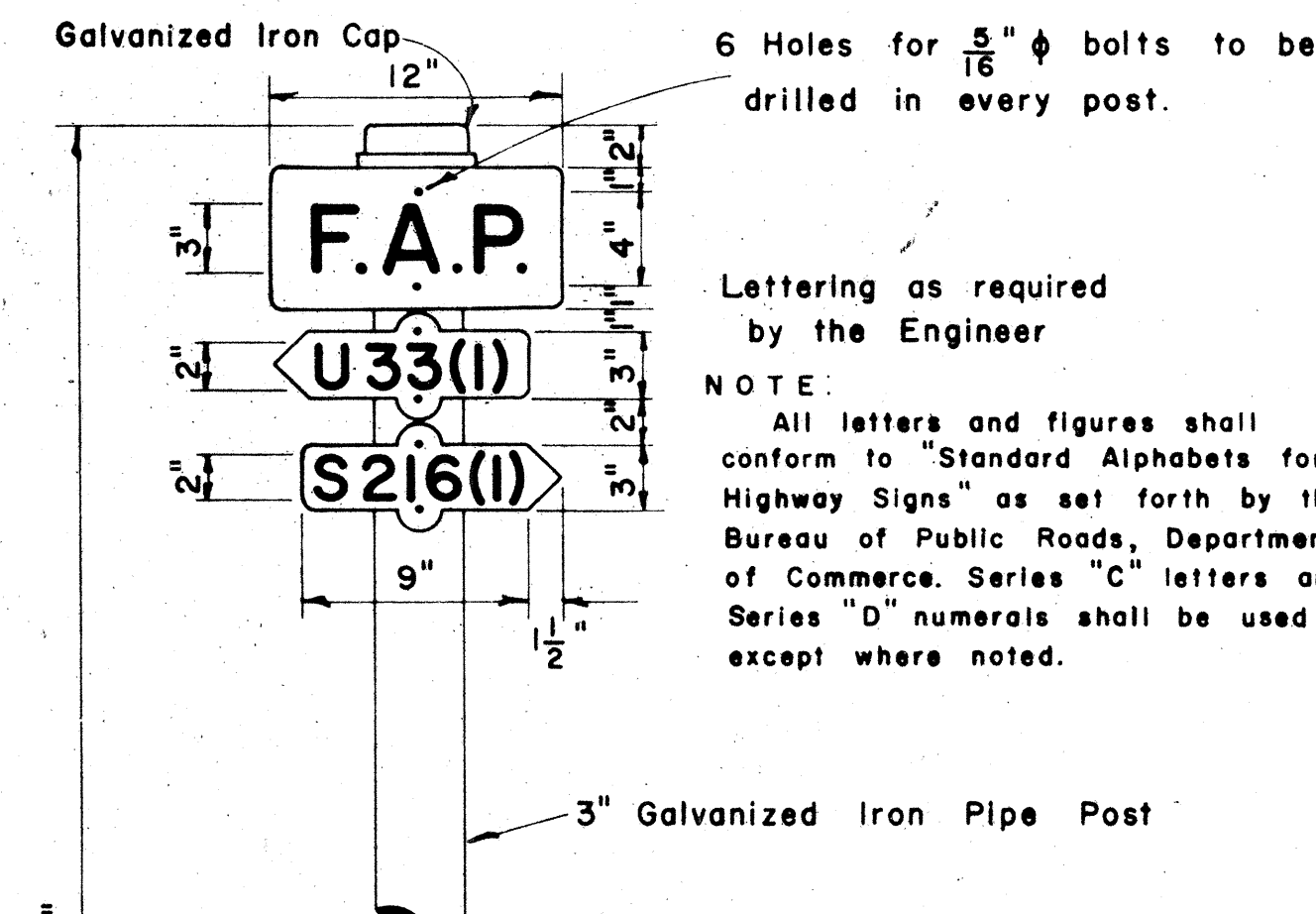
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-1(32) 5, Unit 3	1967	20	29



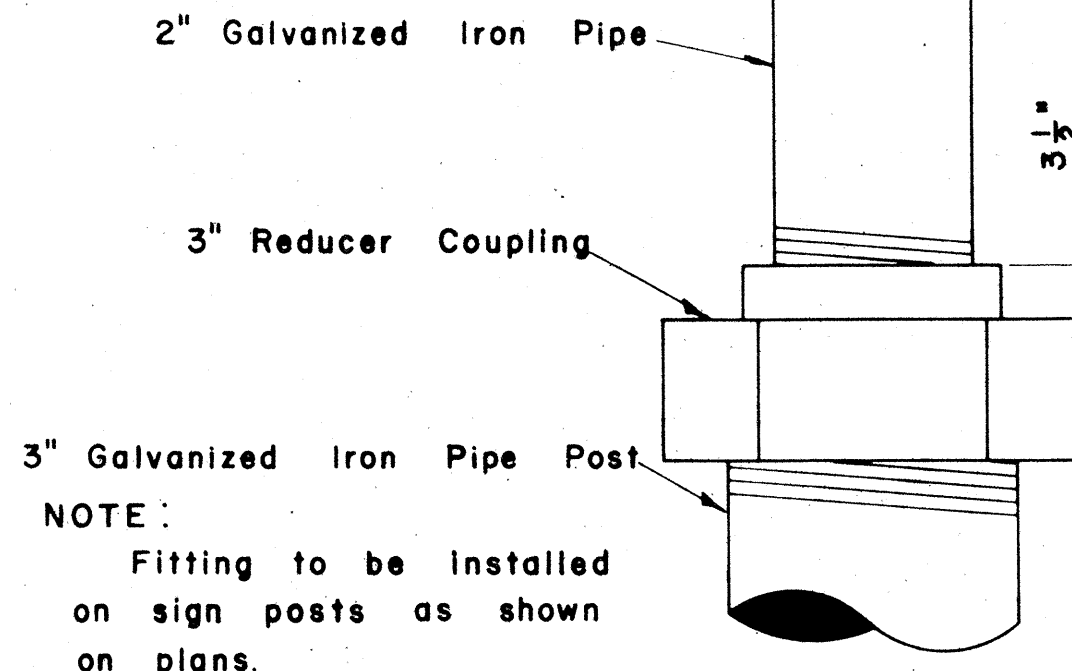
ROAD DELINEATOR
Scale: 1/2" = 1'-0"



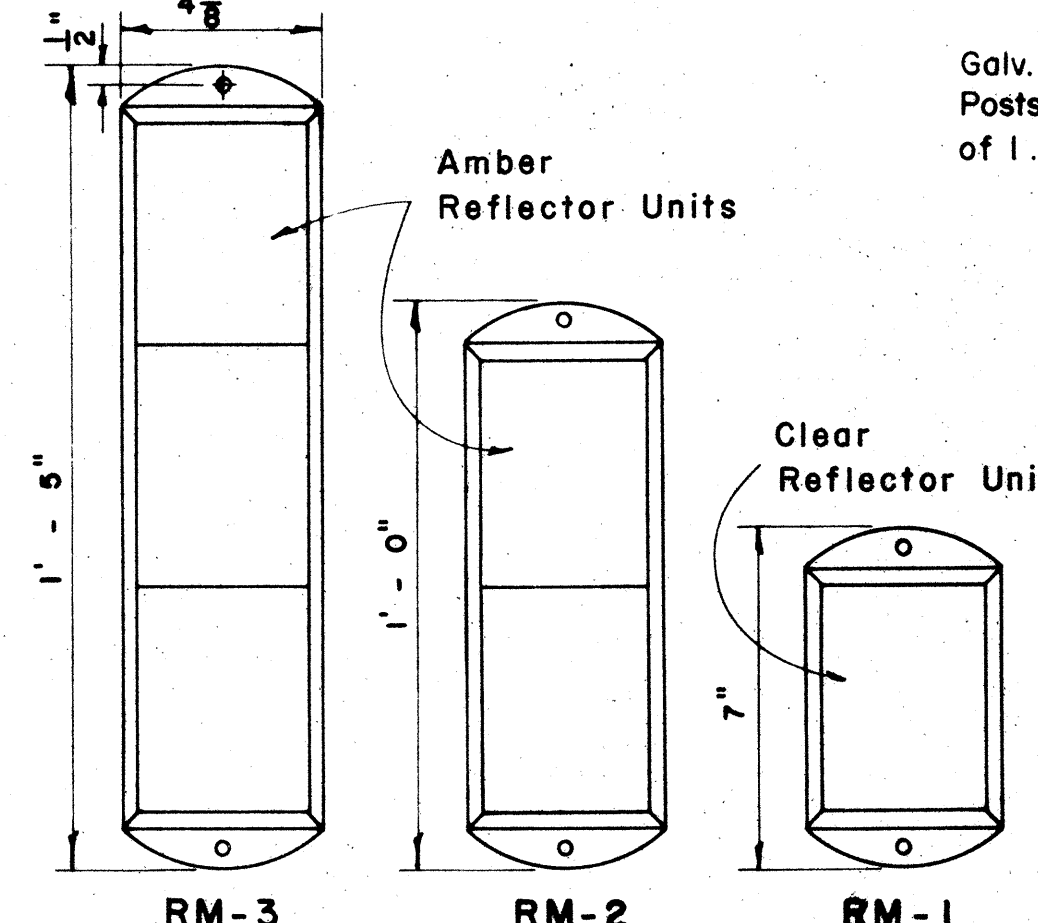
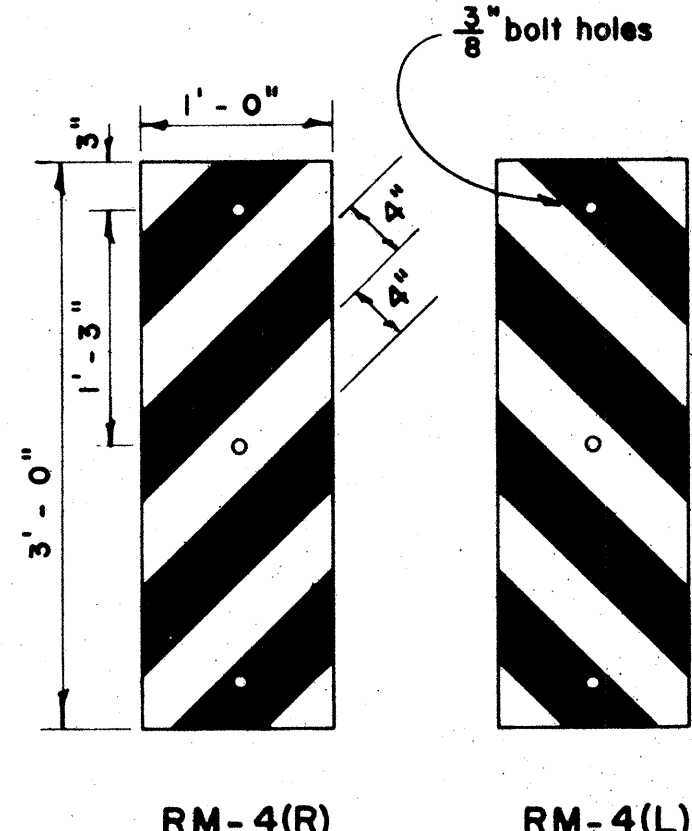
HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATIONS



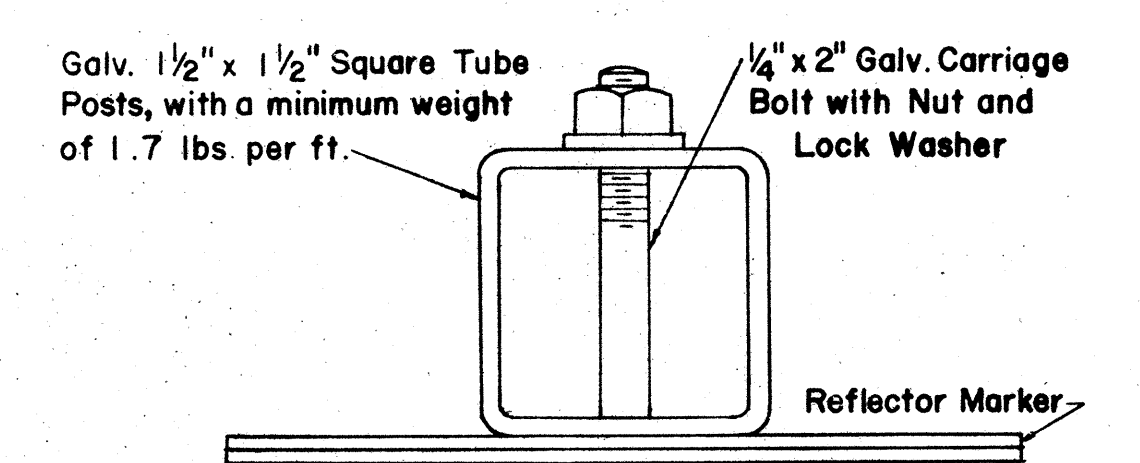
TYPICAL BAND BRACKET FOR MOUNTING TRAFFIC SIGNS
Scale: 3" = 1'-0"



DETAIL OF SIGN POST FITTING FOR CITY & COUNTY STREET NAME SIGNS
Scale: 1/2" = 1'

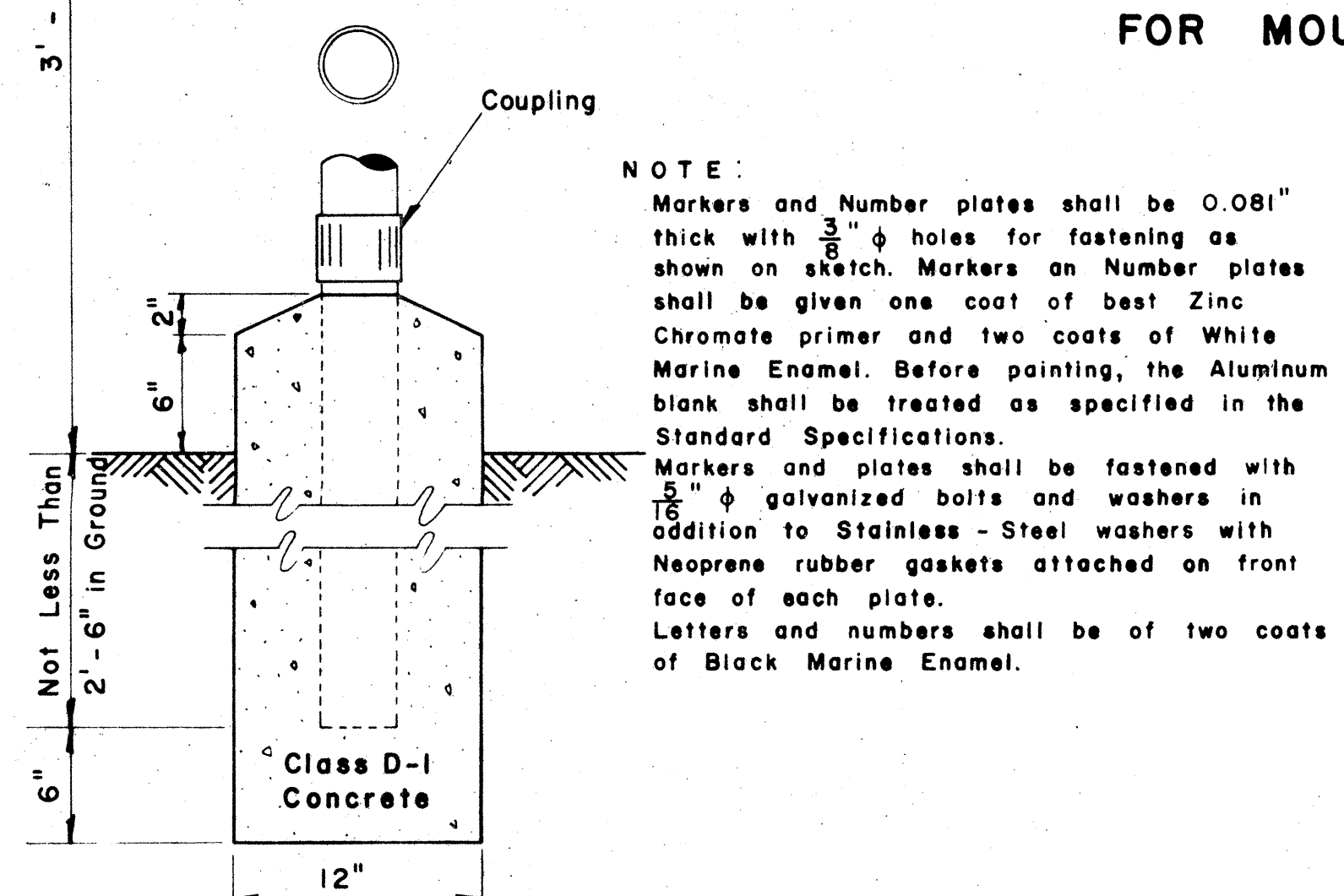


REFLECTOR MARKERS
Scale: As Shown

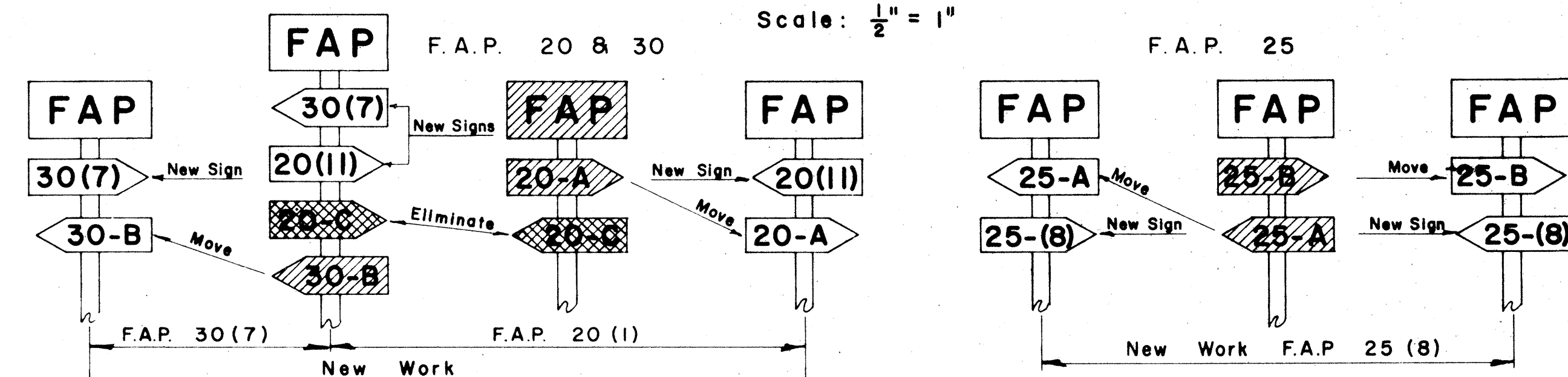


TYPICAL SECTION OF ROAD DELINEATOR
Full Size

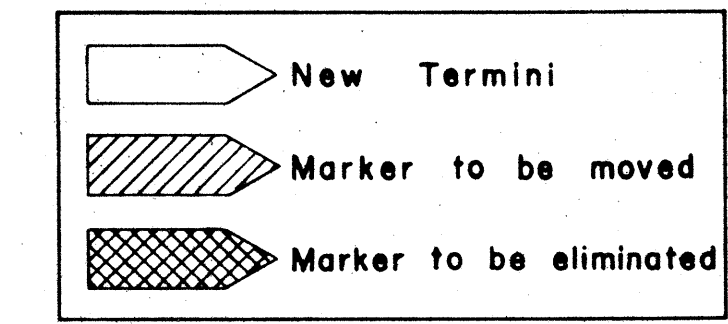
NOTE: Reflector Markers RM-1, 2, 3 shall be glass sphere reflector markers with 4" x 5" reflector units (as shown) or plastic prismatic reflector markers with 3" diameter reflector units.



FEDERAL AID MARKER
Scale: 1/2" = 1'-0"



METHOD OF MARKING F.A. PROJECTS AT OVERLAPS
(USING NUMBER SUFFIX ON NEW WORK)



APPROVED: _____
DIRECTOR OF TRANSPORTATION

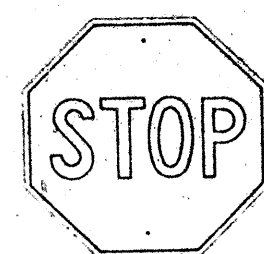
JANUARY 27, 1967
DECEMBER 8, 1964
REVISED: FEBRUARY 25, 1964

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS
F.A. MARKER
AND
MISCELLANEOUS SIGN
DETAILS
Scale: As Shown

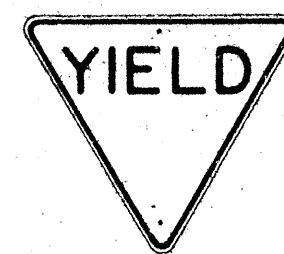
SHEET No. 5 OF 10 SHEETS

20

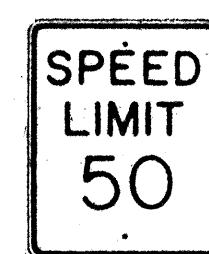
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(32): 5, Unit 3	1967	21	99



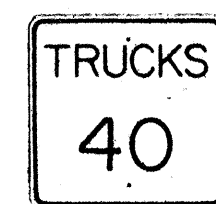
R1-1 30"x 30"



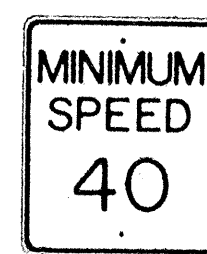
R1-2 36"x36"x36"
R1-2-E 48"x48"x48"
R1-2-I 60"x60"x60"



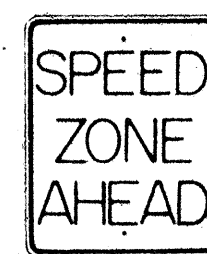
R2-1(50) 24"x30"
R2-1(50)-E 36"x48"
R2-1(50)-I 48"x60"



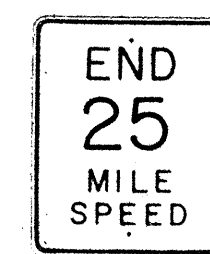
R2-2(40) 24"x24"
R2-2(40)-E 36"x36"
R2-2(40)-I 48"x48"



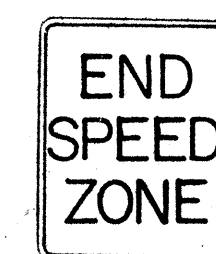
R2-4(40) 24"x30"
R2-4(40)-E 36"x48"
R2-4(40)-I 48"x60"



R2-5 24"x30"
R2-5-E 36"x48"
R2-5-I 48"x60"



R2-6(25) 24"x30"
R2-6(25)-E 36"x48"
R2-6(25)-I 48"x60"



R2-7 24"x30"
R2-7-E 36"x48"
R2-7-I 48"x60"



R3-1 24"x30"
R3-1-E 36"x48"



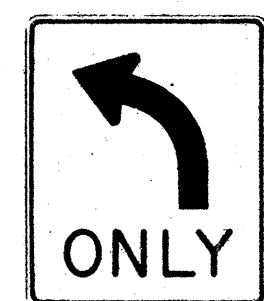
R3-2 24"x30"
R3-2-E 36"x48"



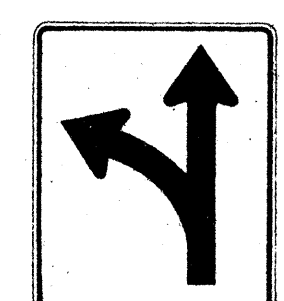
R3-3 24"x24"



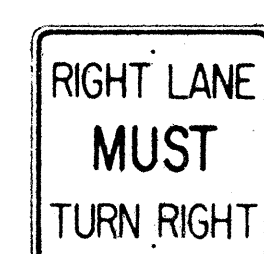
R3-4 24"x30"
R3-4-E 36"x48"
R3-4-I 48"x60"



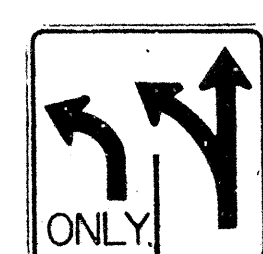
R3-5(L) 30"x36"



R3-6(L) 30"x36"



R3-7(R) 30"x30"



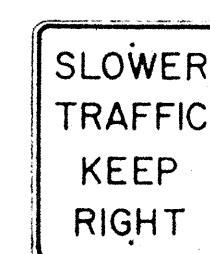
R3-8(L) 30"x30"



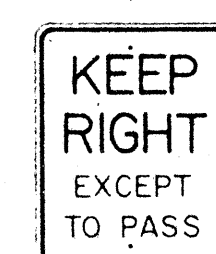
R4-1 24"x30"



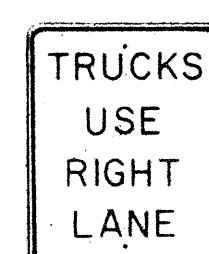
R4-2 24"x30"



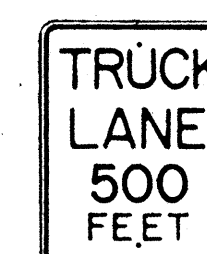
R4-3 24"x30"
R4-3-E 36"x48"
R4-3-I 48"x60"



R4-4 24"x30"
R4-4-E 36"x48"
R4-4-I 48"x60"



R4-5 24"x30"
R4-5-E 36"x48"



R4-6 24"x30"
R4-6-E 36"x48"



R4-7(R) 24"x30"
R4-7(R)-E 36"x48"



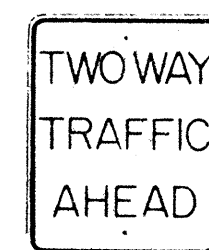
R5-1 24"x24"



R6-1(R) 36"x12"



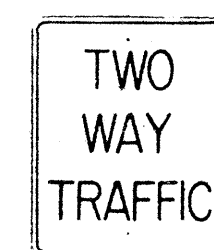
R6-2(R) 18"x24"



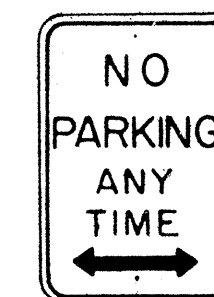
R6-3 24"x30"



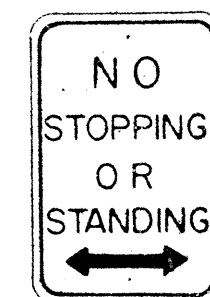
R6-4 24"x30"



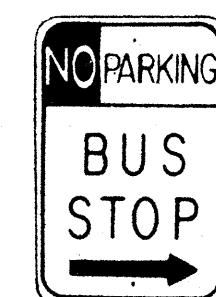
R6-5 24"x30"



R7-1 12"x18"



R7-4 12"x18"
R7-4-E 24"x30"



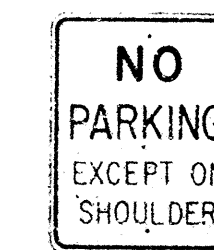
R7-107(R) 12"x18"



R7-201 12"x6"



R8-1 24"x30"
R8-1-E 36"x48"
R8-1-I 48"x60"



R8-2 24"x30"
R8-2-E 36"x48"



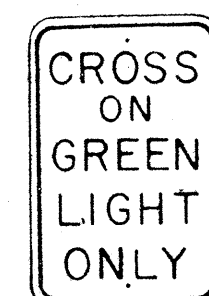
R8-3 24"x30"
R8-3-E 36"x48"



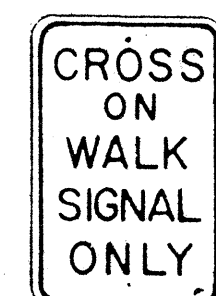
R8-4 24"x30"
R8-4-E 36"x48"
R8-4-I 48"x36"



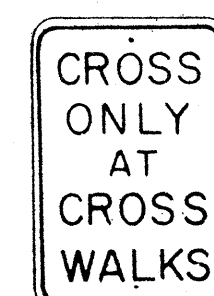
R9-1 18"x24"



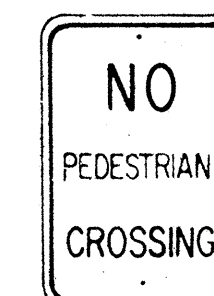
R9-2 12"x18"



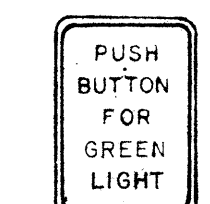
R9-3 12"x18"



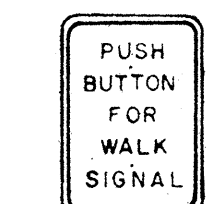
R9-4 12"x18"



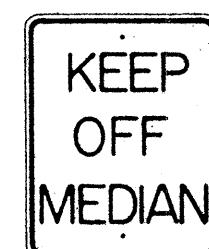
R9-5 12"x18"



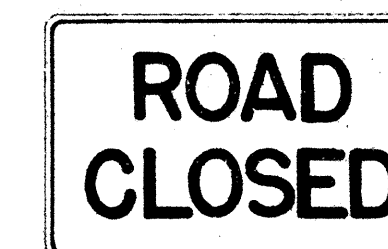
R9-6 9"x12"



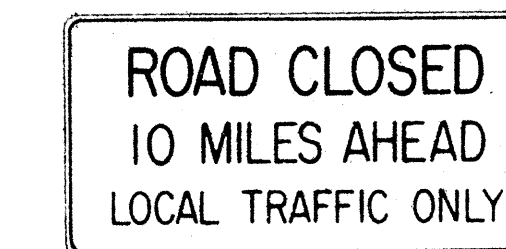
R9-7 9"x12"



RIO-1 24"x30"
RIO-1-E 36"x48"
RIO-1-I 48"x60"



RIO-2 48"x30"



RIO-3(10) 60"x30"



RIO-4(10) 18"x24"

NOTE:

1. 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.
2. All regulatory signs shall be reflectorized unless otherwise specified.
3. All regulatory signs shall have $\frac{3}{8}$ " bolt holes drilled at appropriate locations unless otherwise noted.
4. The suffix "E" denotes Expressway signs and "I" denotes Interstate signs.
5. For R2 signs, number in () indicates speed and shall be as shown on the plans.
6. (R) or (L) indicates right or left and shall be as shown on the plans.
7. For RIO-4 sign, number in () indicates weight and shall be as shown on the plan.

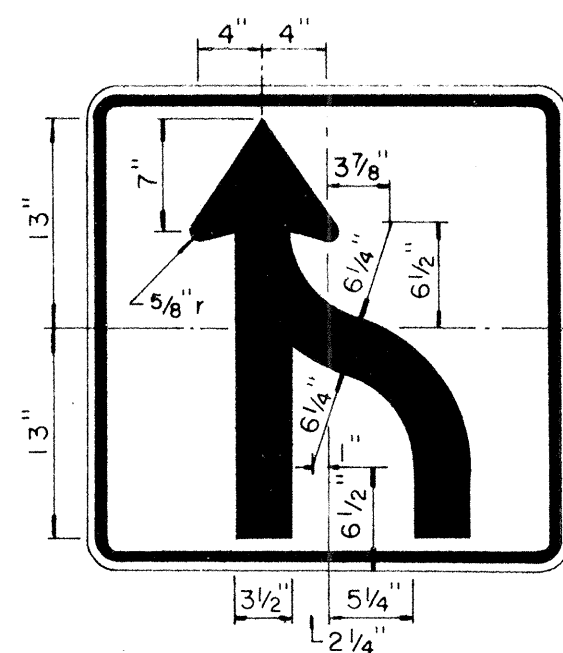
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS

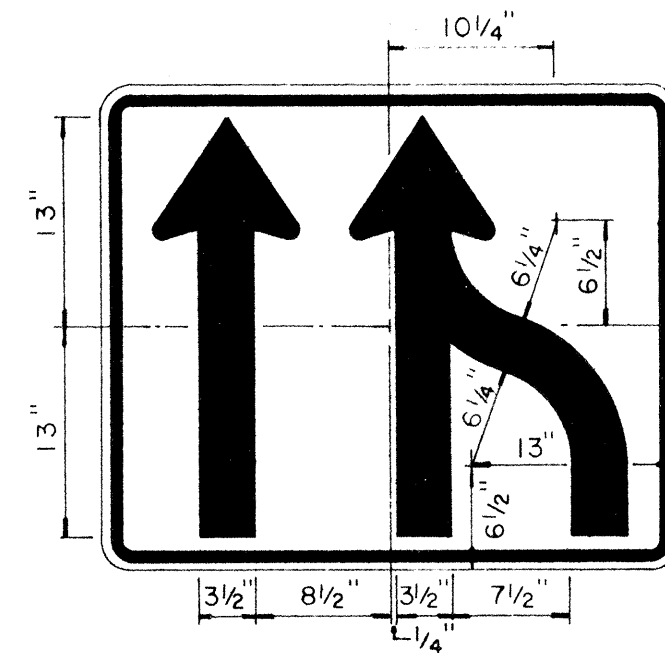
REGULATORY SIGNS
F.A.I. PROJ. NO. I-HI-1(32):5, Unit 3
NOT TO SCALE

SHEET No. 6 OF 10 SHEETS

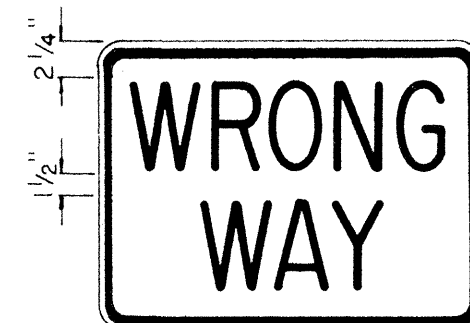
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(32):5, Unit 3	19 67	22	22



R3-9 30" x 30"

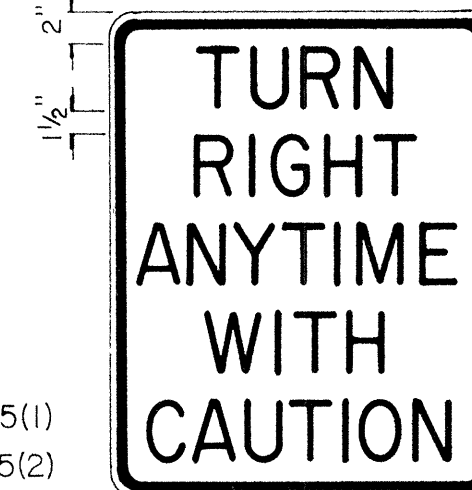


R3-10 36" x 30"

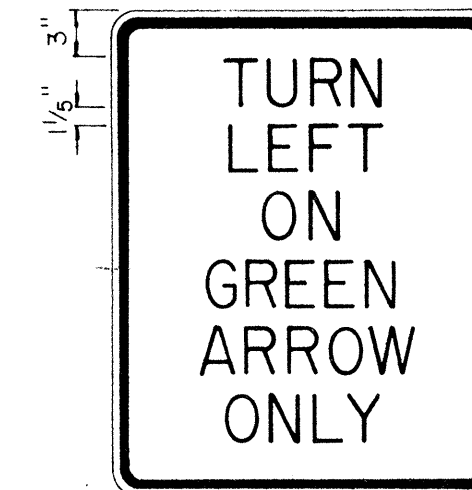


R5-5(1) 24" x 18"
R5-5(2) 36" x 24"

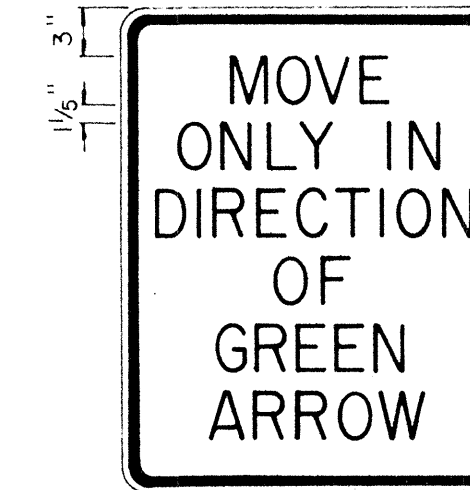
NOTE
White legend and border
on Red background.



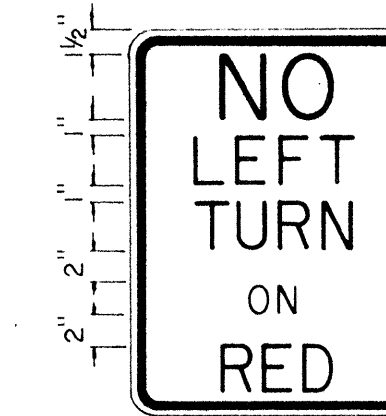
R15-1 24" x 30"



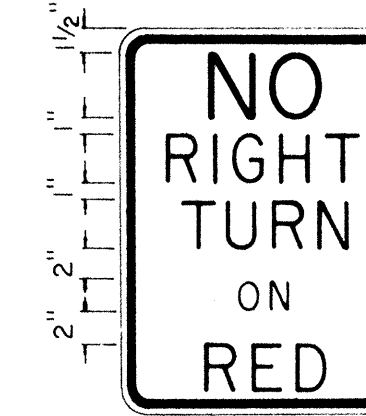
R16-1 24" x 30"



R16-2 24" x 30"



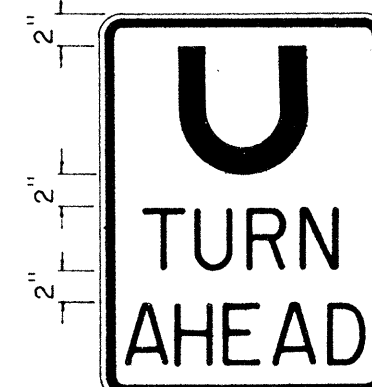
R17-1 18" x 24"



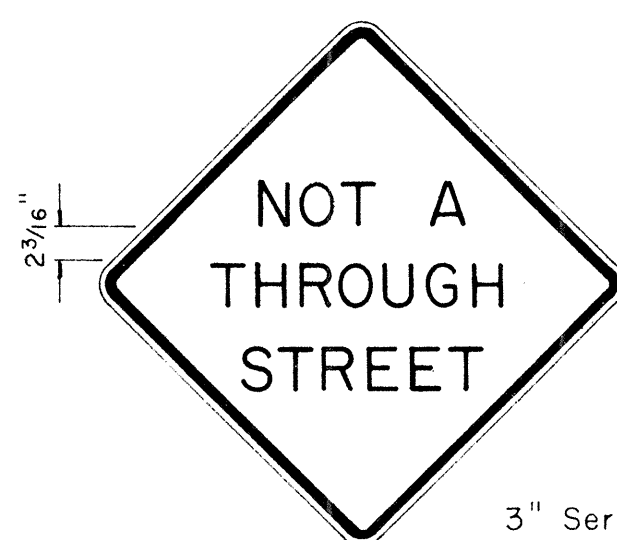
R17-2 18" x 24"



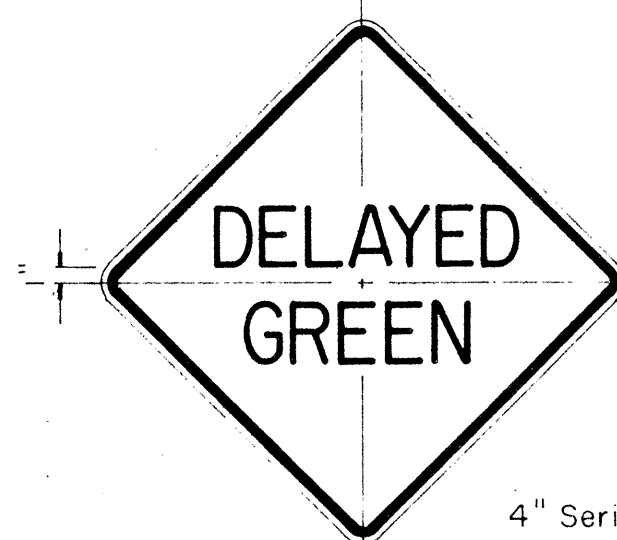
R18-1 36" x 30"



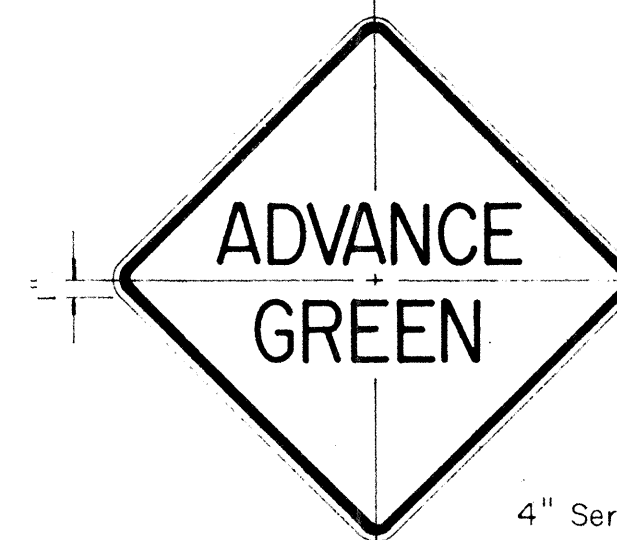
R19-1 18" x 24"



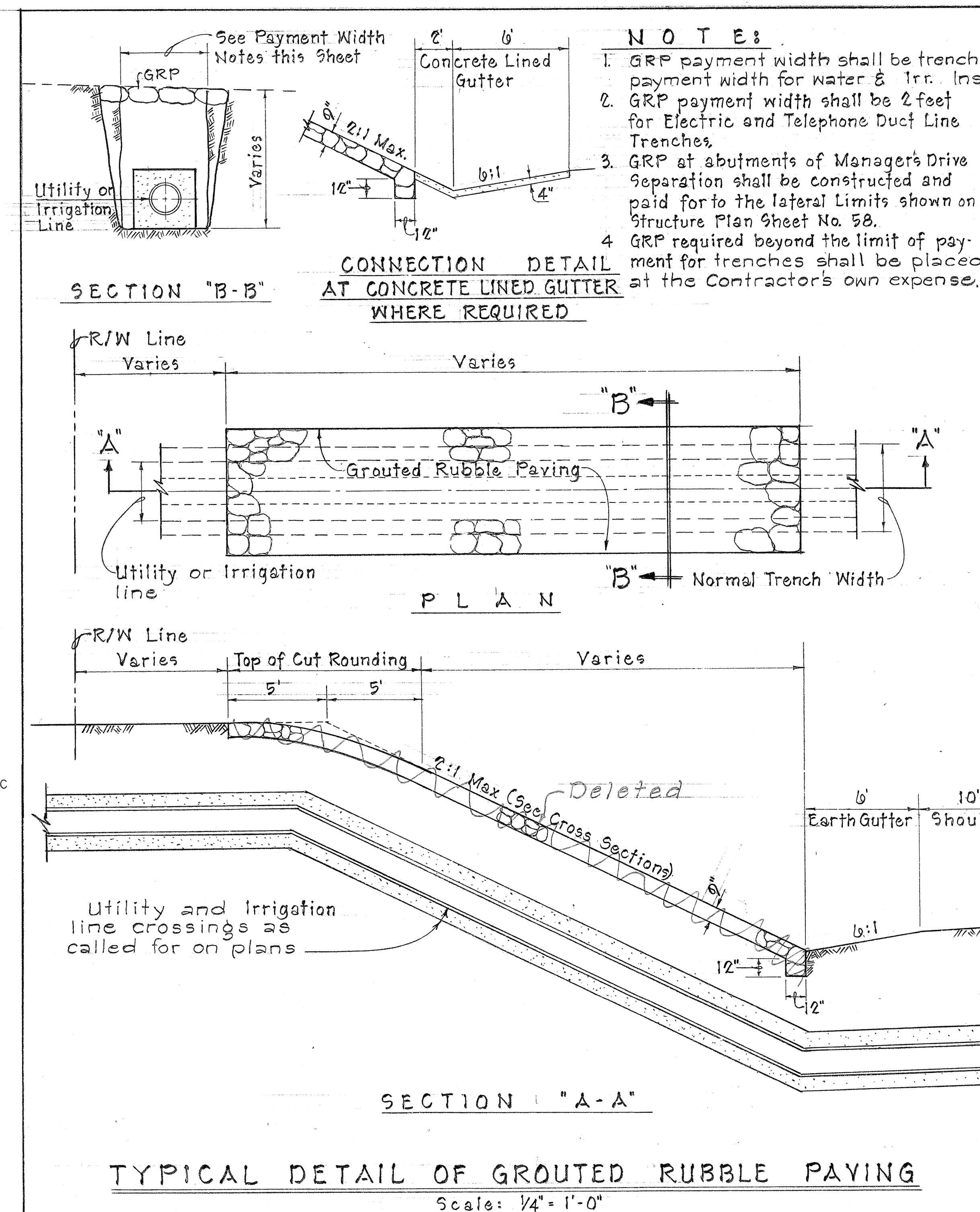
W13-4 24" x 24"



W15-1 24" x 24"



W15-2 24" x 24"



NOTE

1. 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.
2. All regulatory and warning signs shall be reflectorized unless otherwise specified.
3. All regulatory and warning signs shall have 3/8" bolt holes drilled at appropriate locations unless otherwise specified.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS

MISCELLANEOUS

REGULATORY & WARNING SIGNS

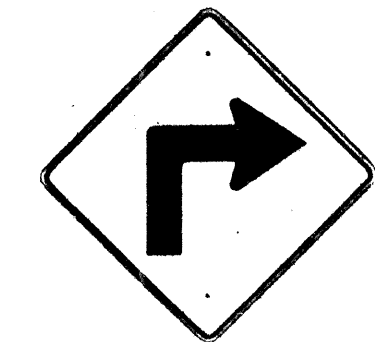
F.A.I. PROJ. NO. I-HI-1(32):5, Unit 3

Scale: 1" = 1'-0"

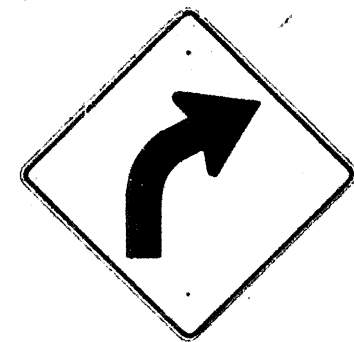
SHEET NO. 7 OF 10 SHEETS

22

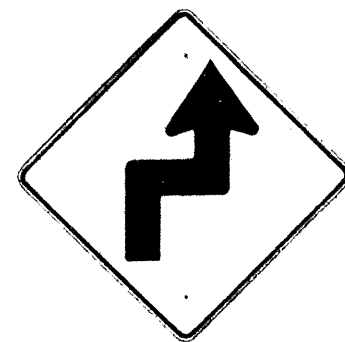
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI(32): 5, Unit 3	1967	23	44



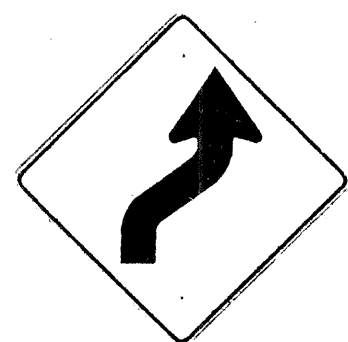
WI-1(R) 30" x 30"



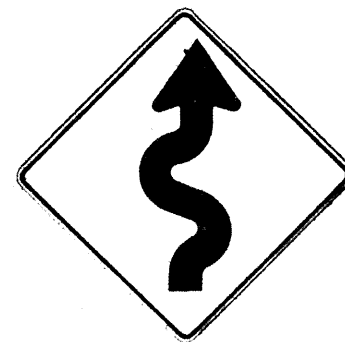
WI-2(R) 30" x 30"



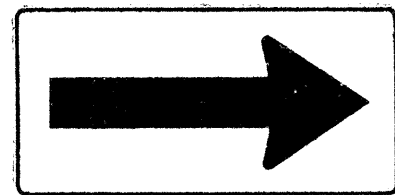
WI-3(R) 30" x 30"



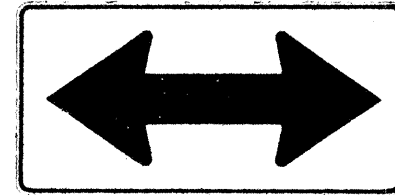
WI-4(R) 30" x 30"



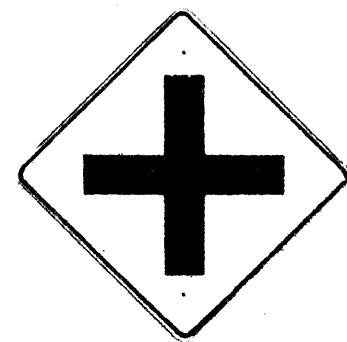
WI-5(R) 30" x 30"



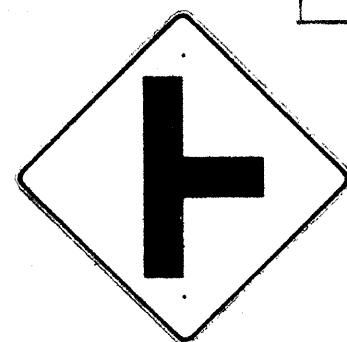
WI-6 48" x 24"



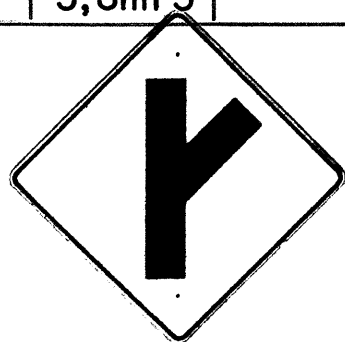
WI-7 48" x 24"



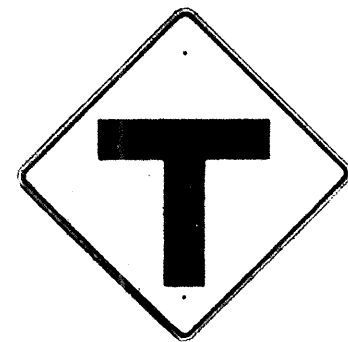
W2-1 30" x 30"



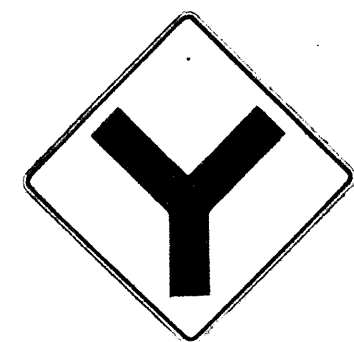
W2-2 30" x 30"



W2-3(R) 30" x 30"



W2-4 30" x 30"



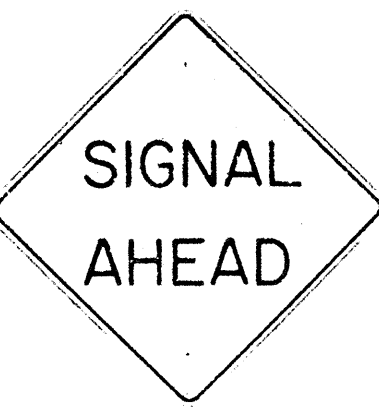
W2-5 30" x 30"



W3-1 30" x 30"



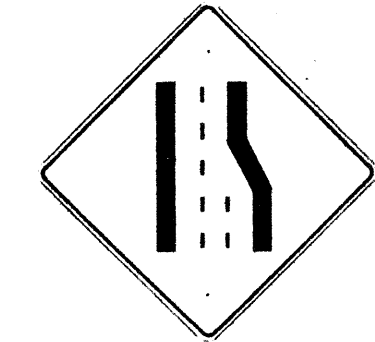
W3-2 30" x 30"



W3-3 36" x 36"



W4-1 30" x 30"
W4-1-E 36" x 36"
W4-1-I 48" x 48"



W4-2 30" x 30"
W4-2-E 36" x 36"



W5-1 30" x 30"
W5-1-E 36" x 36"



W5-2 30" x 30"



W5-3 30" x 30"



W6-1 36" x 36"



W6-2 36" x 36"



W7-1 30" x 30"



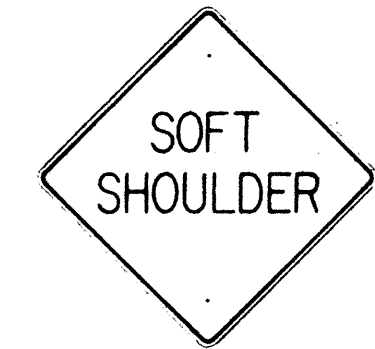
W8-1 30" x 30"



W8-2 30" x 30"



W8-3 30" x 30"



W8-4 30" x 30"



W8-5 30" x 30"



W9-1 30" x 30"



W9-2 30" x 30"



W10-1 36" DIAMETER



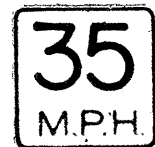
W11-1 30" x 30"



W11-5 30" x 30"



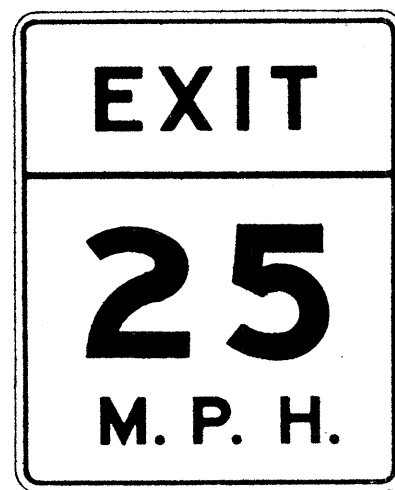
W12-2 36" x 36"



W13-1(35) 18" x 18"



W13-2(25) 12" x 18"



W13-3(25) 48" x 60"

NOTE:

1. 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.
2. All warning signs shall be reflectorized unless otherwise specified.
3. All warning signs shall have 3/8" bolt holes drilled at appropriate locations unless otherwise noted.
4. (R) or (L) indicates right or left and shall be as shown on the plan.
5. The suffix "E" denotes Expressway signs and "I" denotes Interstate signs.
6. For W13 sign, number in () indicates speed and shall be as shown on the plans.

DATE	BY
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
STANDARD DETAILS
WARNING SIGNS
F.A.I. PROJ. NO. I-HI-1(32):5, Unit 3
NOT TO SCALE

SHEET No. 8 OF 10 SHEETS

23

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(32): 5, Unit 3	1967	24	77



W 7-2 48"x 48"



W 8-7 30"x 30"



W 14-1 30"x 30"



W 20-1a 48"x 48"



W 20-2d 48"x 48"



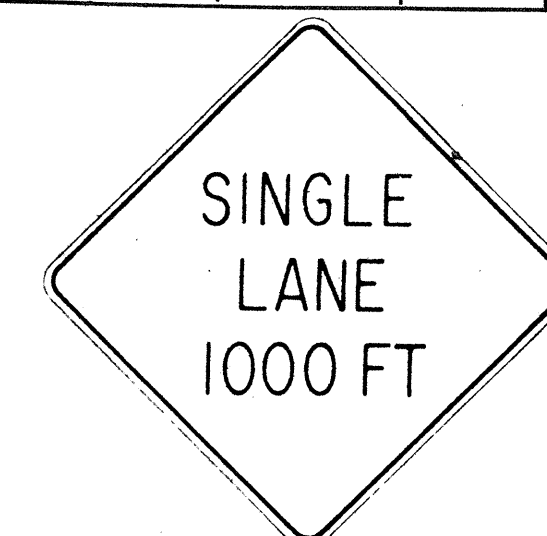
W 20-3b 48"x 48"



W 20-4d 48"x 48"



W 20-5d(L) 48"x 48"



W 20-6b 48"x 48"



W 20-7c 48"x 48"



W 21-1 30"x 30"



W 21-2 24"x 24"



W 21-3 36"x 36"



W 21-4 30"x 30"



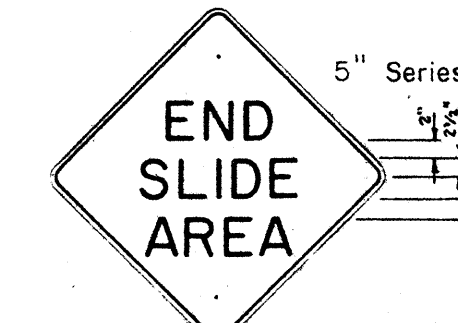
W 21-5 30"x 30"



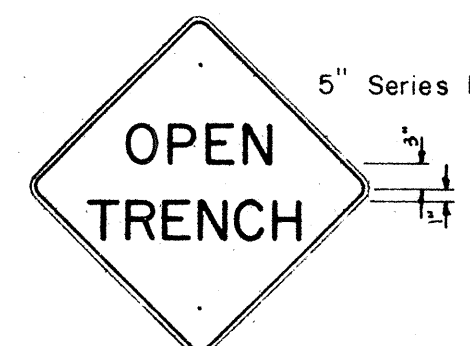
W 21-6 30"x 30"



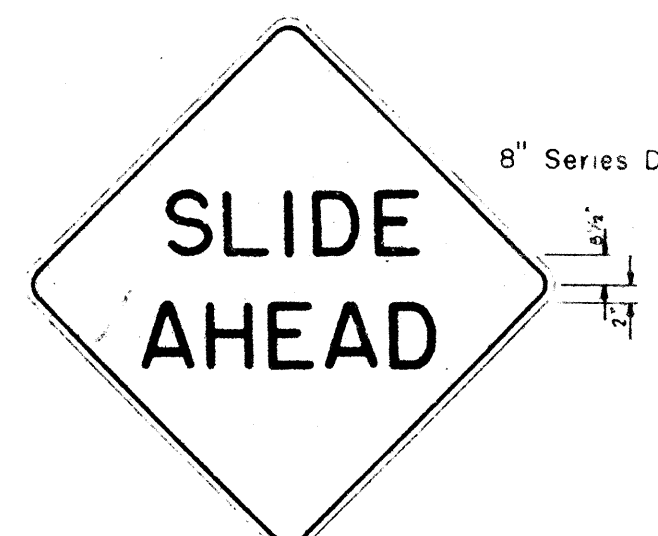
W 22-1 30"x 30"



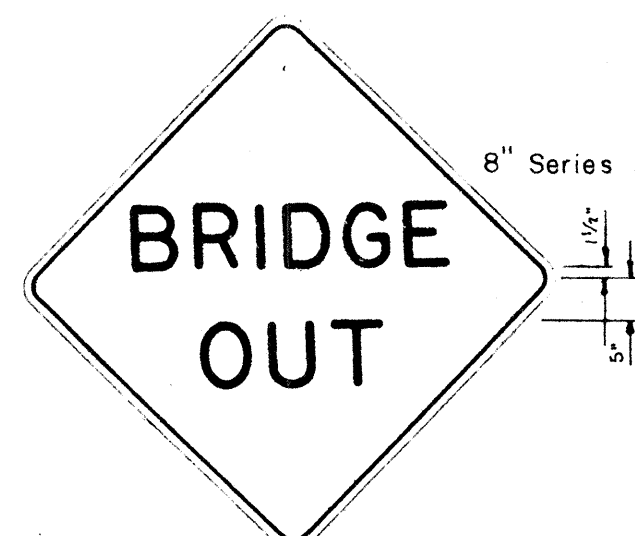
W 22-2 30"x 30"



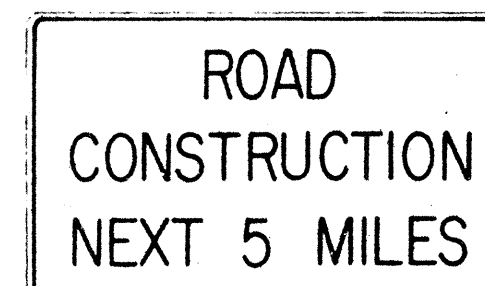
W 22-3 30"x 30"



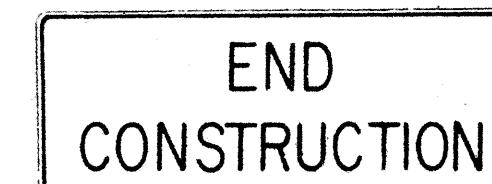
W 22-4 48"x 48"



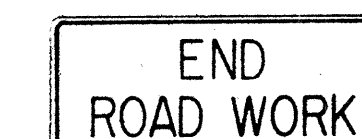
W 22-5 48"x 48"



G 20-1(5) 60"x 36"



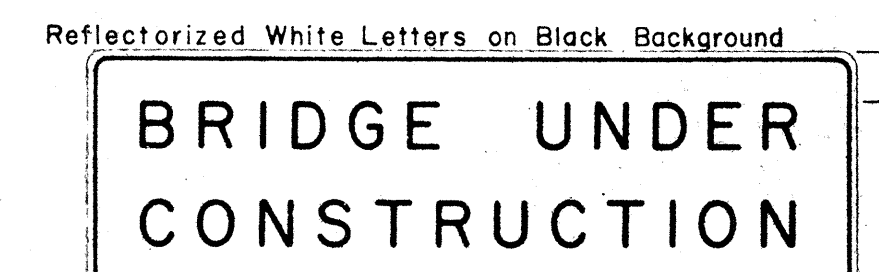
G 20-2 60"x 24"



G 20-3 42"x 18"



M 5-7(L) 48"x 18"



CW-1 96"x 30"

- 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 signs shall be reflectorized unless otherwise specified.
 - All signs shall have $\frac{3}{8}$ " bolt holes drilled at appropriate locations unless otherwise noted.
 - For W20 series signs, suffixes a,b,c and d are as follows a 1500 FT, b 1000 FT, c 500 FT and d AHEAD
 - (R) or (L) indicates right or left and shall be as shown on the plans.
 - Number in () indicates miles and shall be as shown on the plans.

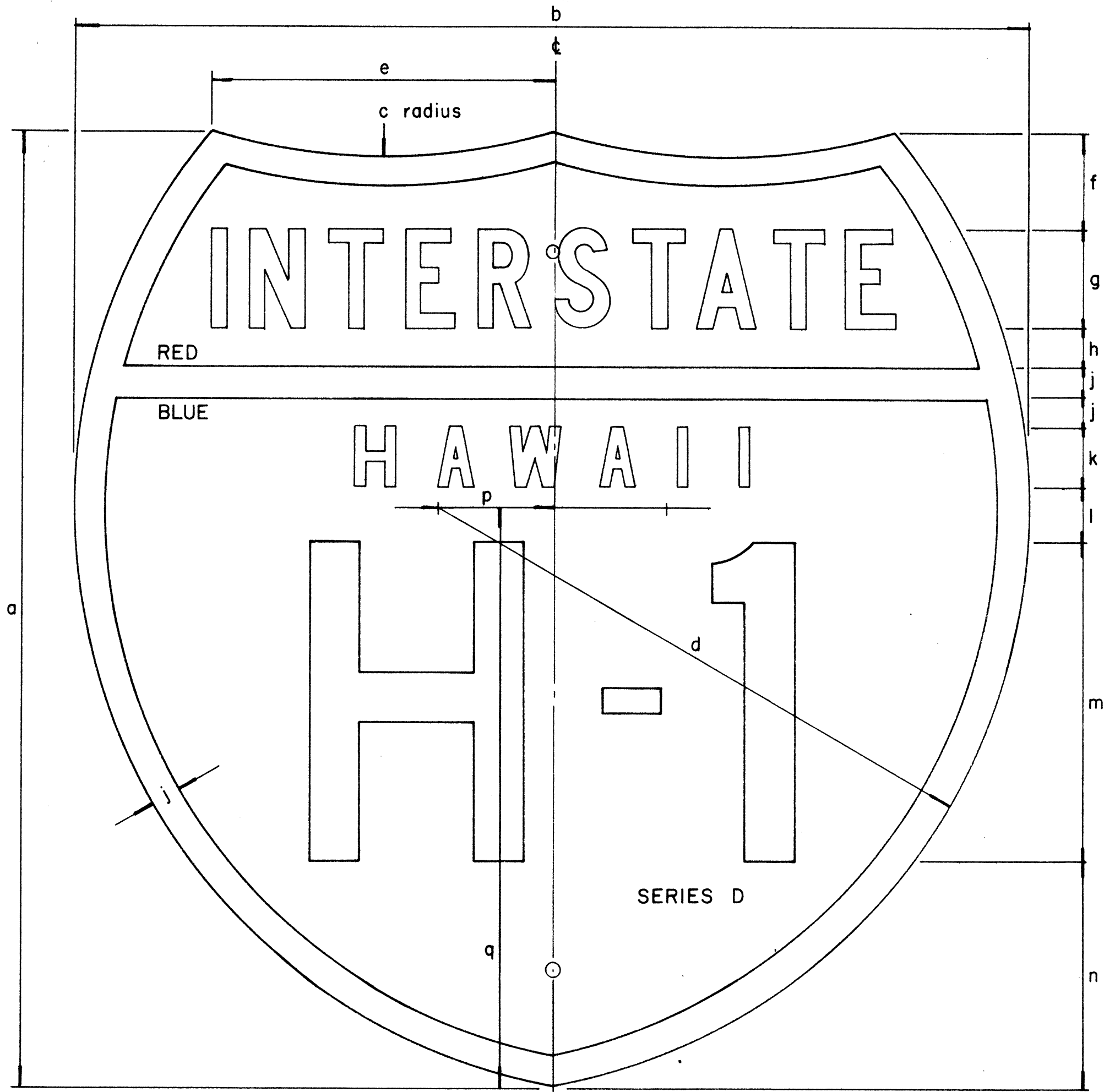
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS

CONSTRUCTION SIGNS
F.A.I. PROJ. NO. I-HI-1(32):5, Unit 3
NOT TO SCALE

SHEET No. 7 OF 10 SHEETS

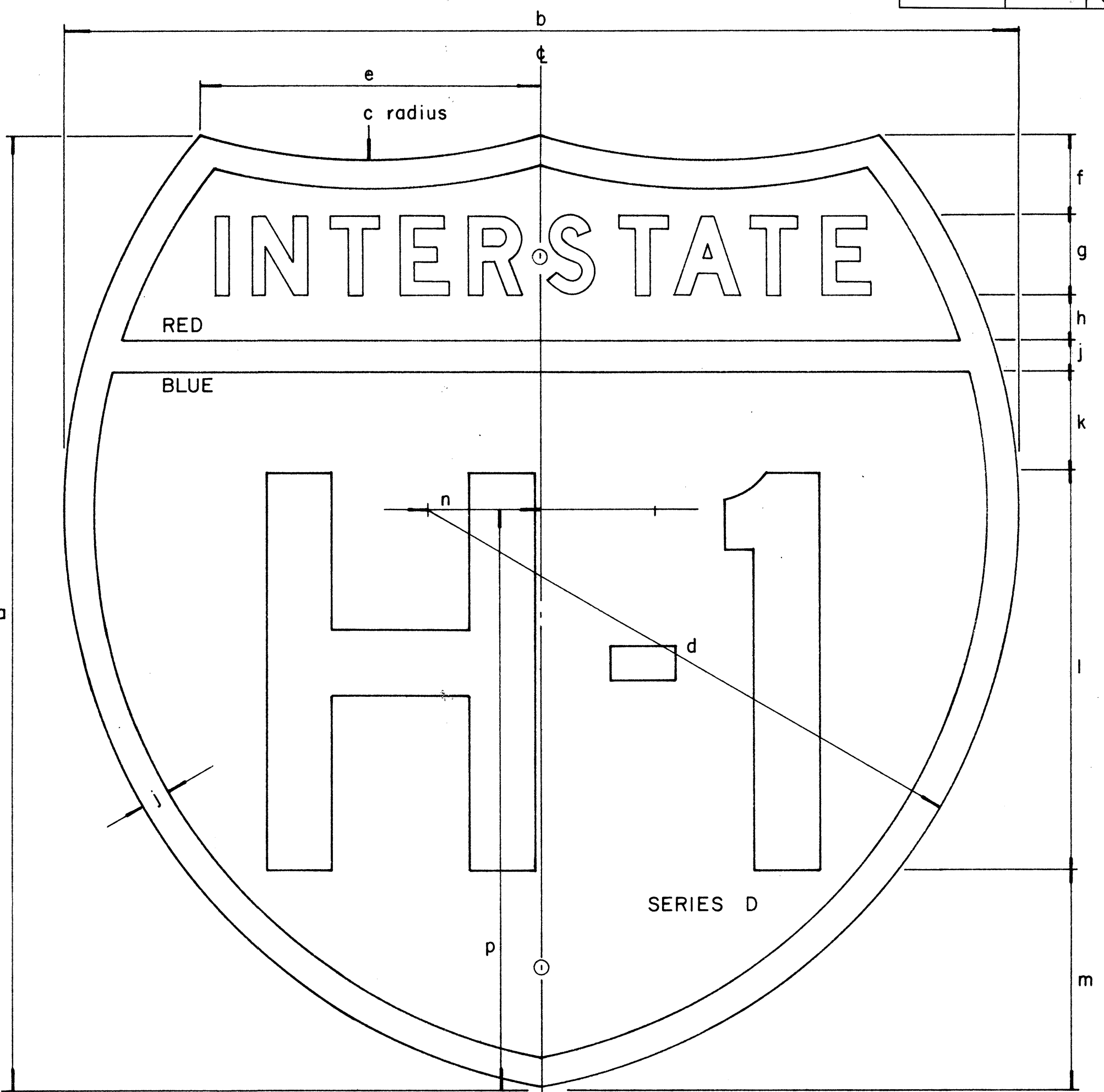
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	I-HI-1(32):5, Unit 3	1967	25	27



INTERSTATE ROUTE MARKER
IM-1()

INTERSTATE SHIELDS - INDEPENDENT USE

()	a	b	c	d	e	f	g	h	j	k	l	m	n	p	q
1	18	21	13 1/8	12 9/16	9 3/16	12 5/32	1 7/8 C	3/4	9/16	1 1/8 D	1 1/32	6	4 5/16	2 1/16	12 7/16
2	24	24	15	14 7/8	8 5/8	2 3/8	2 1/2 C	1	3/4	1 1/2 D	1 3/8	8	5 3/4	2 7/8	14 5/8
3	36	36	22 1/2	22 5/16	12 15/16	3 9/16	3 3/4 C	1 1/2	1 1/8	2 1/4 D	2 1/16	12	8 5/8	4 5/16	21 15/16



INTERSTATE ROUTE MARKER
IM-2()

INTERSTATE SHIELDS ON GUIDE SIGNS

()	a	b	c	d	e	f	g	h	j	k	l	m	n	p
2	24	24	15	14 7/8	8 5/8	2	2 D	1 3/16	3/4	2 9/16	10	5 1/2	2 7/8	14 5/8
3	36	36	22 1/2	22 5/16	12 15/16	3 7/16	3 C	1 5/16	1 1/8	3 1/8	15	9	4 5/16	21 15/16
4	48	48	30	29 3/4	17 1/4	4 3/4	5 C	2	1 1/2	4	18	12 3/4	5 3/4	29 1/4

GENERAL NOTES

- The shape, dimensions, symbols, wording, lettering, color and reflectorizing 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 letters and figures shall conform to the manual "Standard Alphabets for Highway Signs," Dept. of Commerce, Bureau of Public Roads, 1952
- All markers shall be reflectorized unless otherwise specified.
- All markers shall have 3/8" bolt holes drilled at appropriate locations unless otherwise specified.
- The Interstate Route Marker shall be a cut-out shield, in a red, white and blue design as shown on the plans.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
INTERSTATE ROUTE MARKERS
INTERSTATE ROUTE H-1
F.A.I. PROJ. NO. I-HI-1(32):5, Unit 3
SHEET No. 10 OF 10 SHEETS

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