

GENERAL NOTES FOR DETOUR PHASING & TEMPORARY SIGNING

1. All service from existing utilities that are to remain or are to be relocated shall be maintained at all times, unless special approval is obtained from the Engineer for the temporary discontinuance of service.
2. The Contractor shall follow the order of construction detour phasing as shown on the plans. However, phasing may overlap and contract items of work involved in each phasing may be constructed at any time as long as the detour phasing is not affected. Any request for adjustment of sequencing or phasing must be submitted in writing and approved by the Engineer.
3. The Contractor shall maintain access to properties affected by construction at all times until a permanent replacement access is provided by timely construction of each phase of the work.
4. Construction of temporary pavement section and detour road striping shall be paid for under applicable contract items. Pavements used for temporary detouring of traffic shall be constructed as shown in the Construction Detour Plan.
5. Temporary traffic and destination signs, barricades, and other related work shown on the plans shall be paid for under applicable contract items.
6. All relocations and removal of temporary warning, regulatory, construction and maintenance signs, posts and barricades between phases are to be considered as incidental to the applicable contract items of work.
7. Unless noted otherwise, exact locations of signs, and barricades shall be determined in the field by the Engineer.
8. The shape, color, dimensions, symbols, wording, lettering and reflectorizing of all temporary warning, regulatory, construction and maintenance signs shall be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways", dated 1971.
9. The Contractor shall take extra precaution against damaging the existing utilities while constructing the detour road. Any damage to the existing utilities shall be repaired at the Contractor's expense.
10. Provide smooth riding connection to all existing pavements.

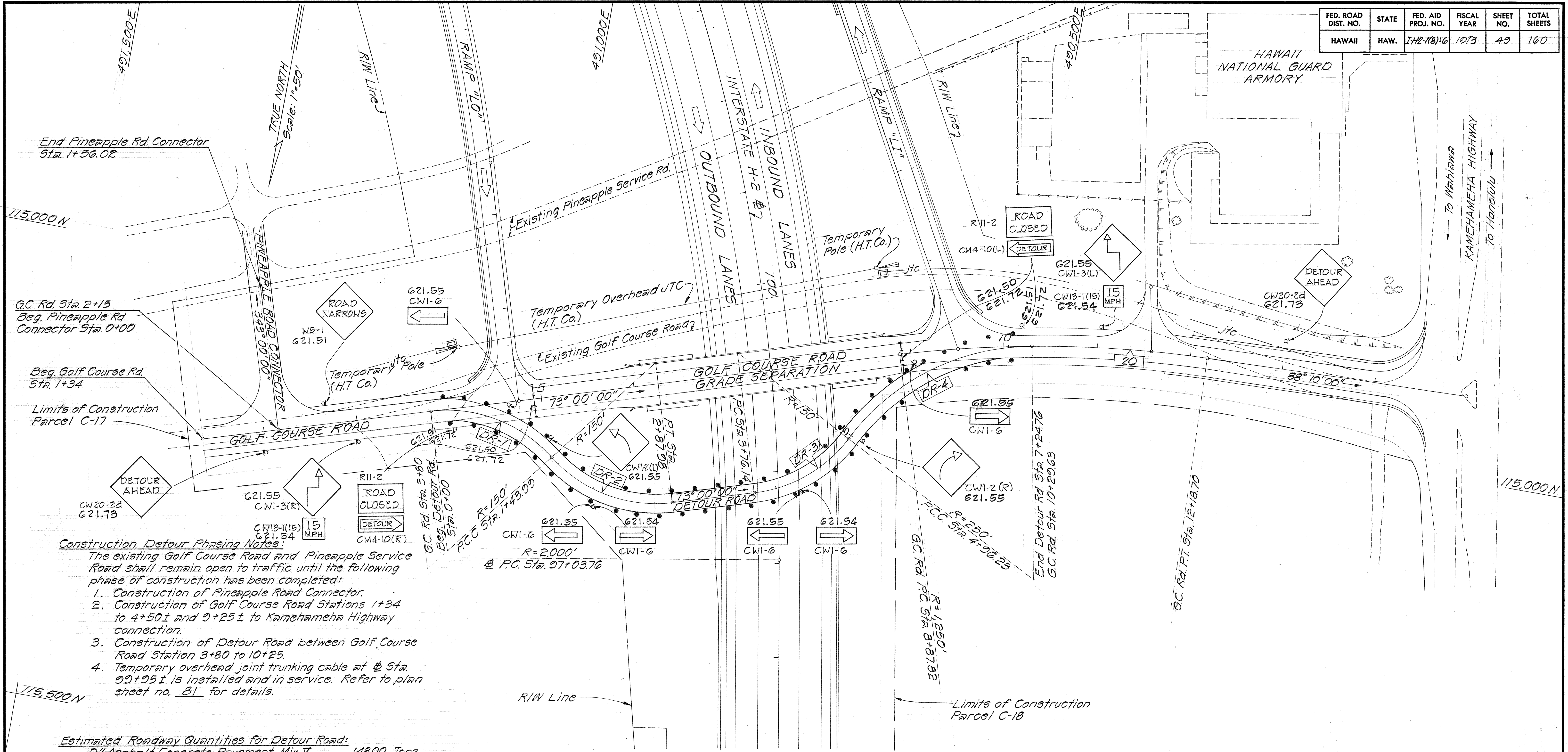
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-42-1(8)-6	1973	48	100

CONSTRUCTION DETOUR SUMMARY				
Type	Description	Quantity		
		w/ Post	w/o Post	
R11-2	ROAD CLOSED	2	2	
CW1-2(R)	↶	1		
CW1-2(L)	↷	1		
CW1-3(R)	↶	1		
CW1-3(L)	↷	1		
CW1-6	→	4	2	
W5-1	ROAD NARROWS	1		
CW13-1(B)	15 MPH			2
CM4-10(R)	DETOUR →			2
CM4-10(L)	← DETOUR			2
CW20-2d	DETOUR AHEAD	2		
	Delineators for Detour		60	
	Class I Barricades		10	
	Pavement striping			1400 L.F.

DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**CONSTRUCTION DETOUR
 GENERAL NOTES AND
 TRAFFIC SIGN SCHEDULE**
 INTERSTATE ROUTE 4-2
 LEILEHUA INTERCHANGE
 F.A.I. Proj. No. I-42-1(8)-6
 Date: May, 1973

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(B)-6	1973	49	100



Construction Detour Phasing Notes:
 The existing Golf Course Road and Pineapple Service Road shall remain open to traffic until the following phase of construction has been completed:

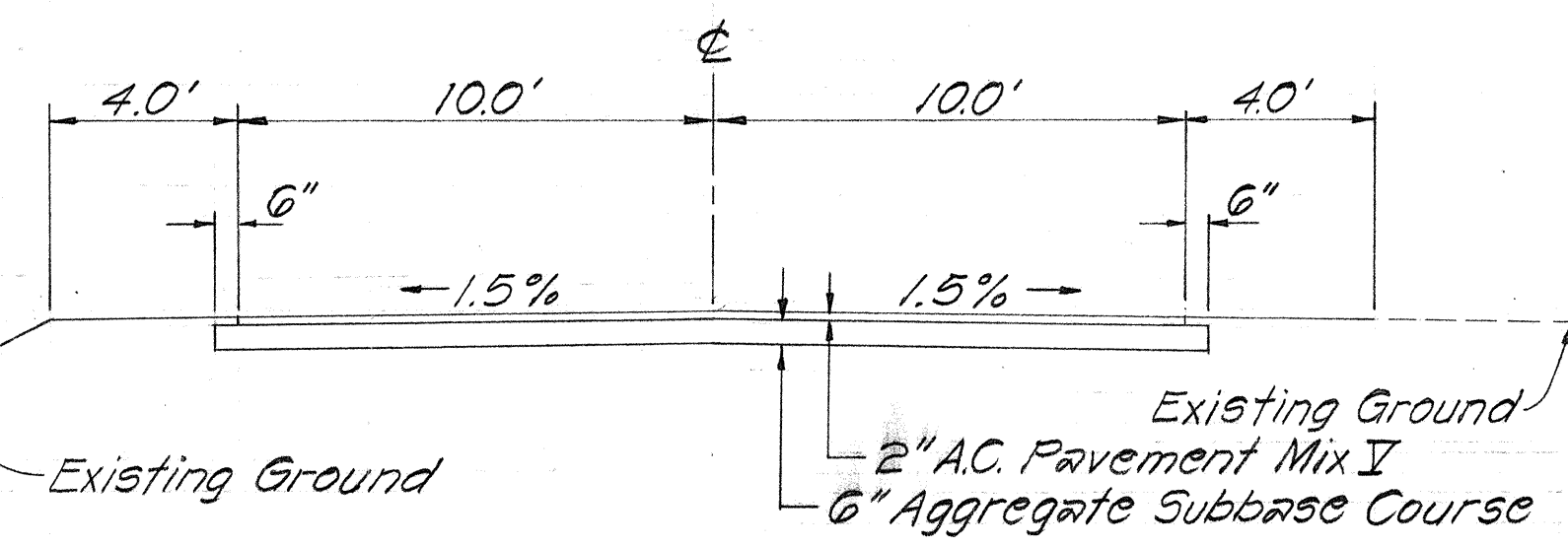
1. Construction of Pineapple Road Connector.
2. Construction of Golf Course Road Stations 1+34 to 4+50± and 9+25± to Kamehameha Highway connection.
3. Construction of Detour Road between Golf Course Road Station 3+80 to 10+25.
4. Temporary overhead joint trunking cable at Sta. 9+25± is installed and in service. Refer to plan sheet no. 81 for details.

Estimated Roadway Quantities for Detour Road:

2" Asphalt Concrete Pavement Mix I	148.00 Tons
6" Aggregate Subbase Course	217.00 Cu.Yds.
Prime Coat MC-30	454.00 Gals.
Roadway Excavation	114.00 Cu.Yds.

Legend:
 [Symbol] Class I Barricade
 [Symbol] Delineators @ 25' O.C. Spacing

Note:
 Paint 4" white edgestripe on roadway E.P. lines and paint double 4" yellow stripe on roadway ϕ , from G.C. Rd Sta. 2+00 along Detour Road to Kam. Hwy. Intersection.



**TYPICAL SECTION
 DETOUR ROAD**
 Scale: 1/4"=1'-0"

CURVE DATA

	DR-1	DR-2	DR-3	DR-4	C.G. RD.
Δ	55°00'00"	55°00'00"	45°52'22"	52°22'22"	15°10'00"
R	150.00'	150.00'	150.00'	250.00'	1,250.00'
T	78.08'	78.08'	63.48'	122.04'	330.80'
L	143.99'	143.99'	120.10'	228.52'	166.42'
C	138.52'	138.52'	116.91'	220.65'	329.92'

7/3/74	Added Contract Item No. to Signs
DATE	REVISION

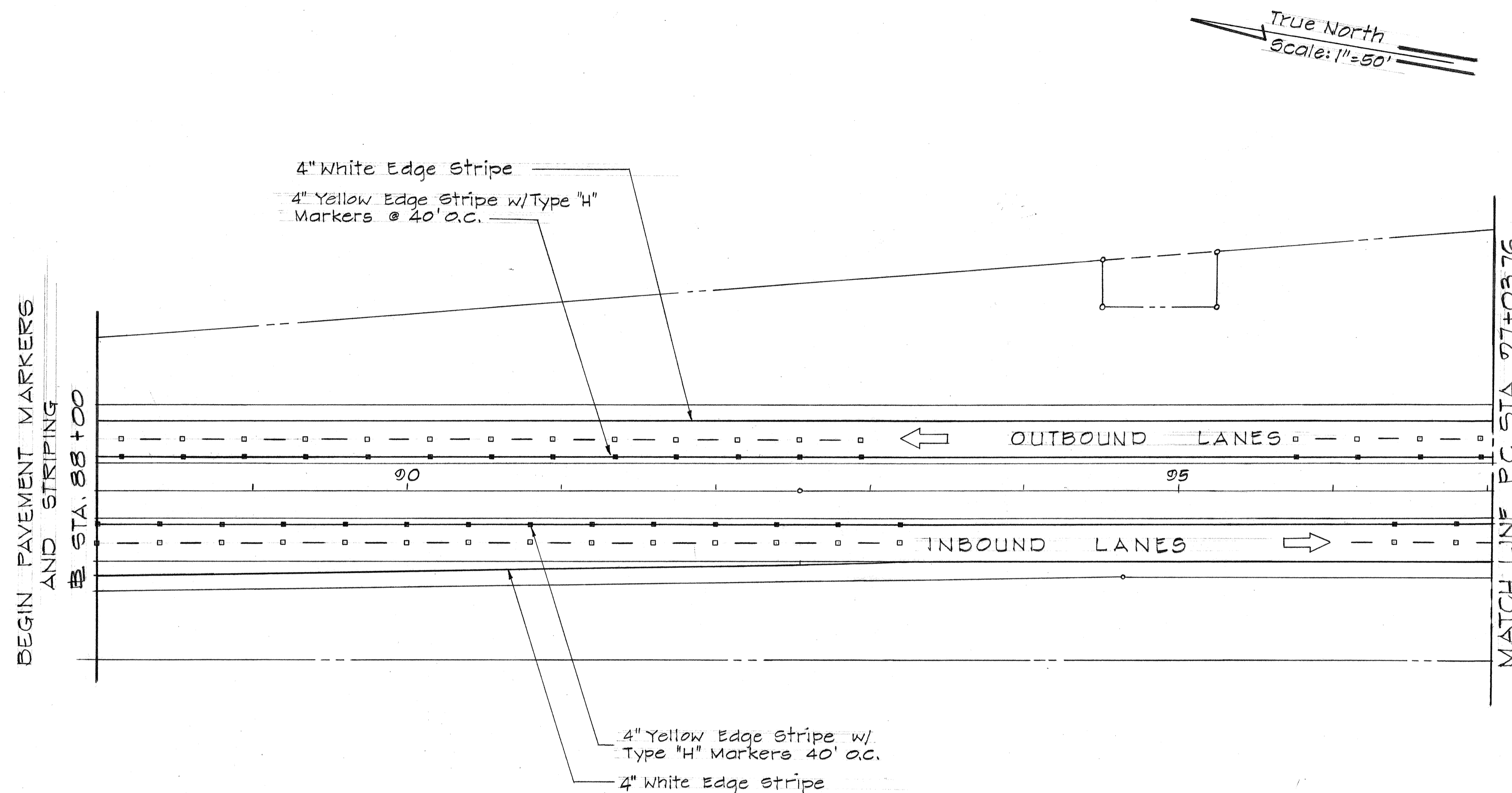
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CONSTRUCTION DETOUR
GOLF COURSE ROAD
 INTERSTATE ROUTE H-2
 LEILEHUA INTERCHANGE
 F.A.I. Proj. No. I-H2-1(B)-6

Scale: As Shown Date: May 1973
 SHEET No. 2 OF 13 SHEETS

SURVEY PLATTED BY: _____ DATE: _____
 CHECKED BY: _____
 DESIGNED BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN NO. _____
 NOTE BOOK NO. _____
 CHECKED BY: _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(8):6	1973	50	100



SUMMARY OF TRAFFIC CONTROL DEVICES			
Type	Description	Quantity	
		w/Post	w/o Post
R1-1	STOP	2	
R2-1 (25)	SPEED LIMIT 25	1	1
R11-2	ROAD CLOSED (Re-used from Construction Detour)		4
Class I	Barricades (Re-used from Construction Detour)		10
Type A	Non-Reflective White Marker		776
Type C	Red-Clear Reflective Marker		240
Type D	Two-Way Yellow Reflective Marker		60
Type H	One-Way Yellow Reflective Marker		196
	Pavement Striping		29,300 L.F.

LEGEND

- Regulatory or Warning Sign w/ Post
- I Class I Barricade
- Type "A" and "C" Pavement Markers
- 8" White Stripe w/Type "C" Pavement Markers @20' o.c.
- 4" Yellow Edge Stripe w/Type "H" Pavement Markers @40' o.c.
- Double 4" Yellow Stripe w/Type "D" Pavement Markers @20' o.c.

GENERAL NOTES

1. All pavement striping shall be done by the Contractor.
2. Exact locations of signs, barricades, pavement markers and striping shall be determined in the field by the Engineer.
3. Final Interchange signs and reflector markers to be installed under future project.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

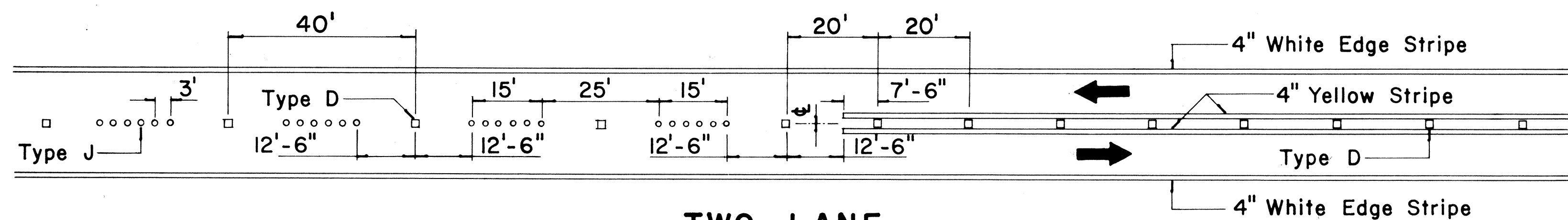
STRIPING & PAVEMENT MARKERS

INTERSTATE ROUTE H-2
LEILEHUA INTERCHANGE
F.A.I. Proj. No. I-H2-1 (8) : 6

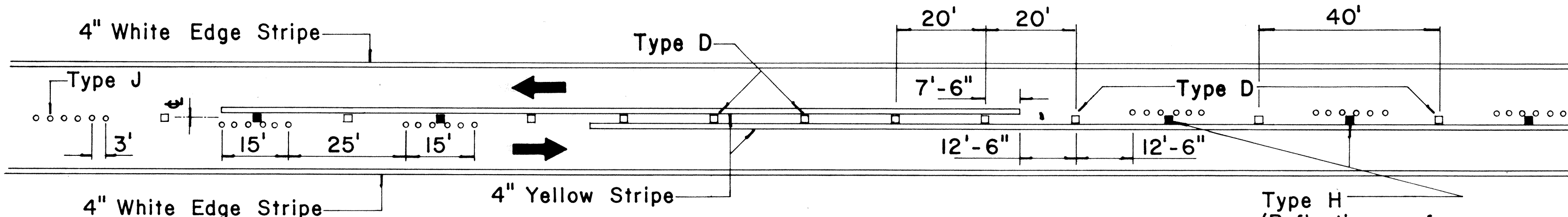
Scale: As Shown Date: _____

SHEET No. 3 OF 13 SHEETS

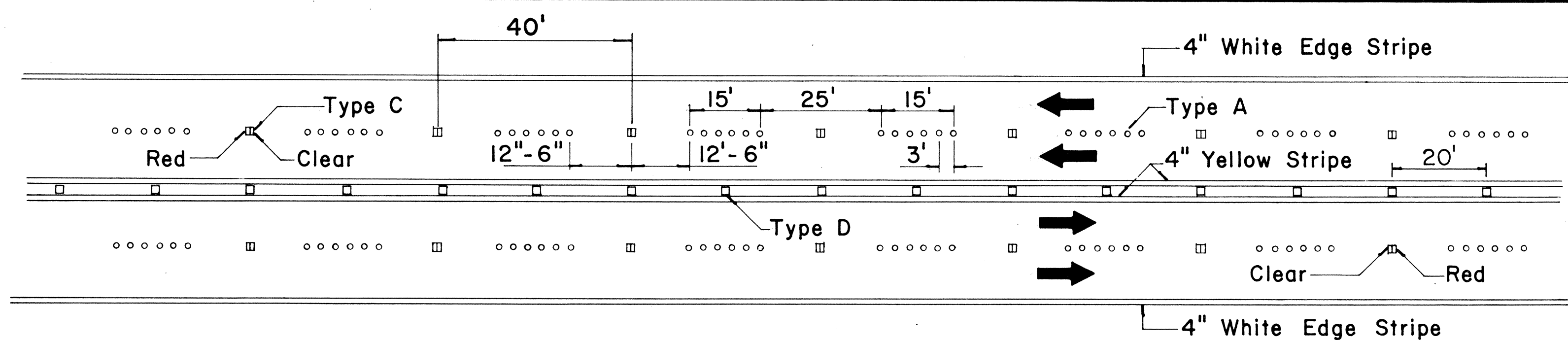
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-42-1(B)-6	1973	53	100



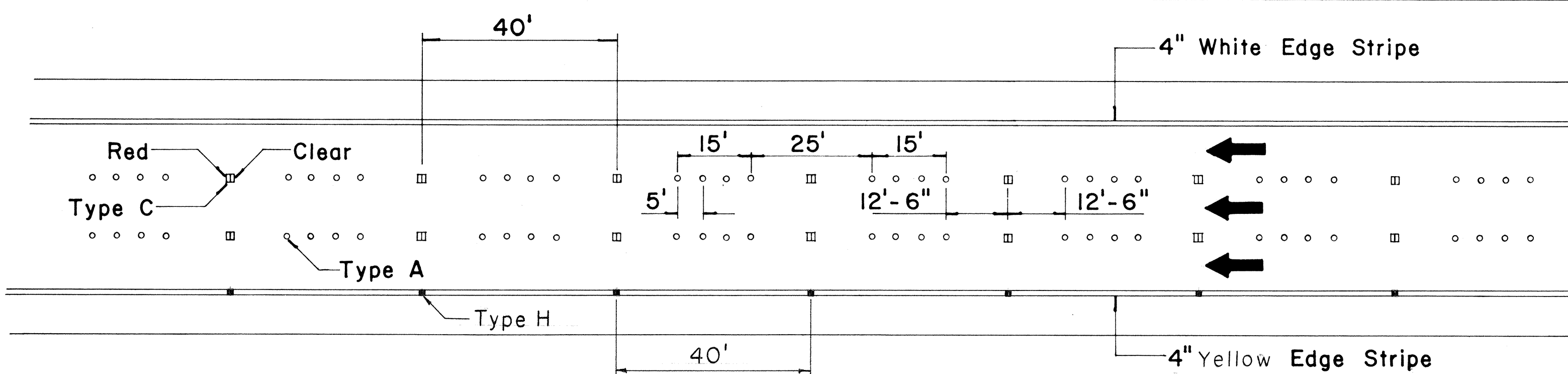
**TWO-LANE
PASSING PERMITTED AND PASSING PROHIBITED**



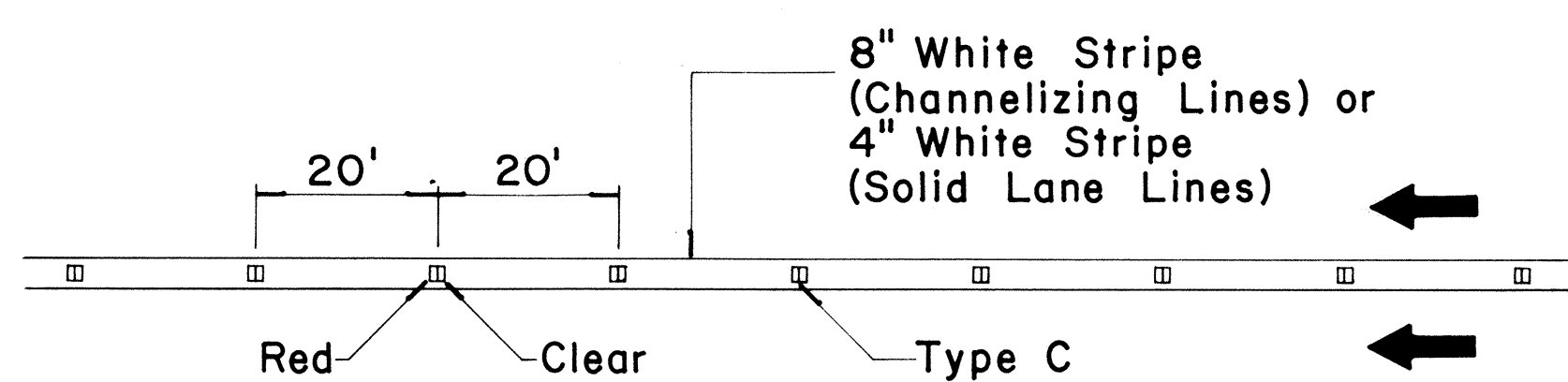
**TWO-LANE
PASSING PROHIBITED ZONES**



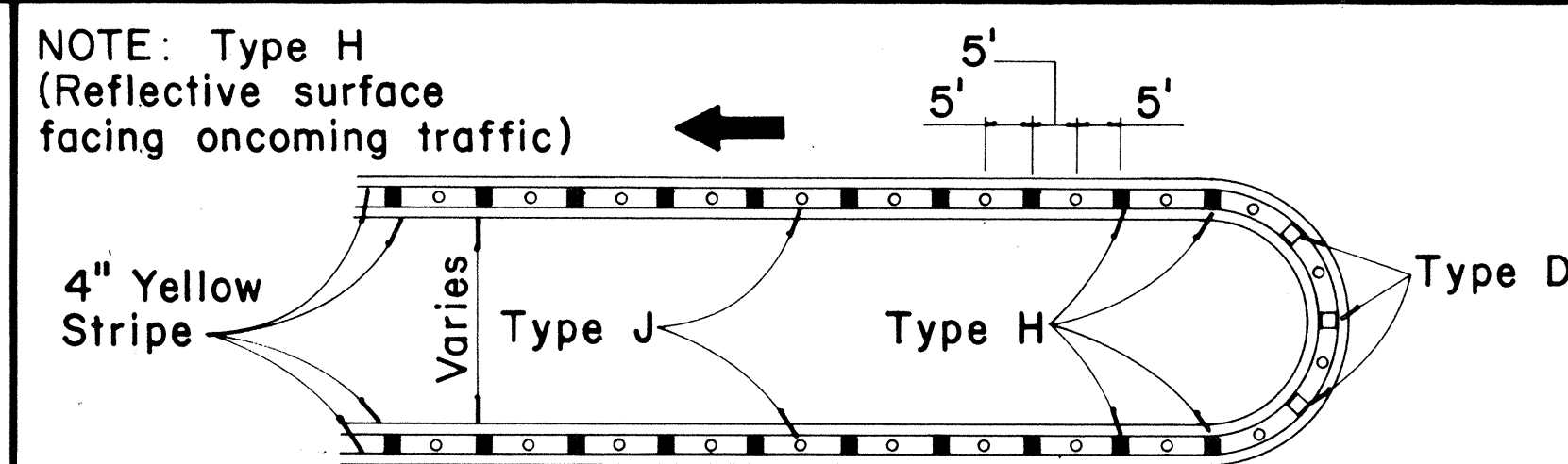
**MULTI-LANE
LANE LINES AND CENTER LINE**



FREEWAY LANE LINES



**CHANNELIZING LINES
OR SOLID LANE LINES**



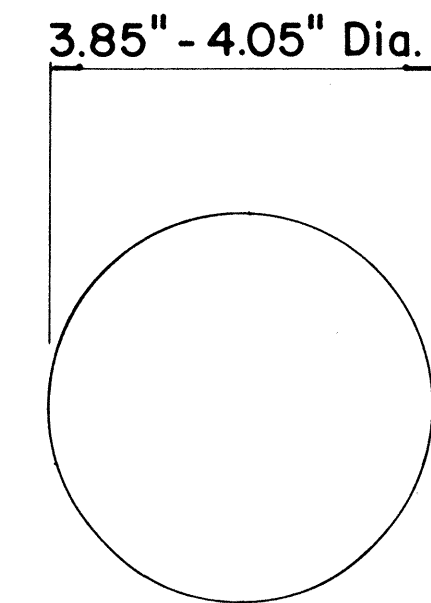
MEDIAN NOSE DELINEATION

TWO - LANE

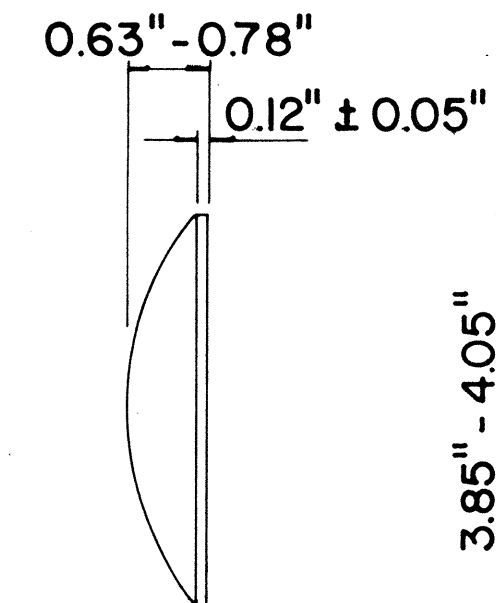
MULTI - LANE

FREEWAY

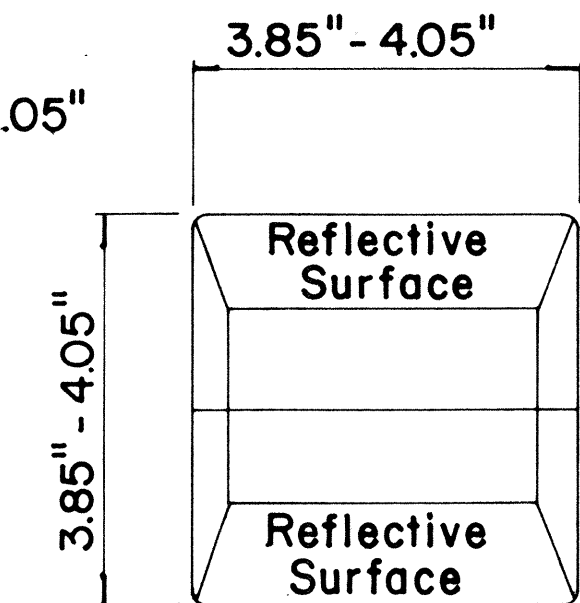
MISCELLANEOUS



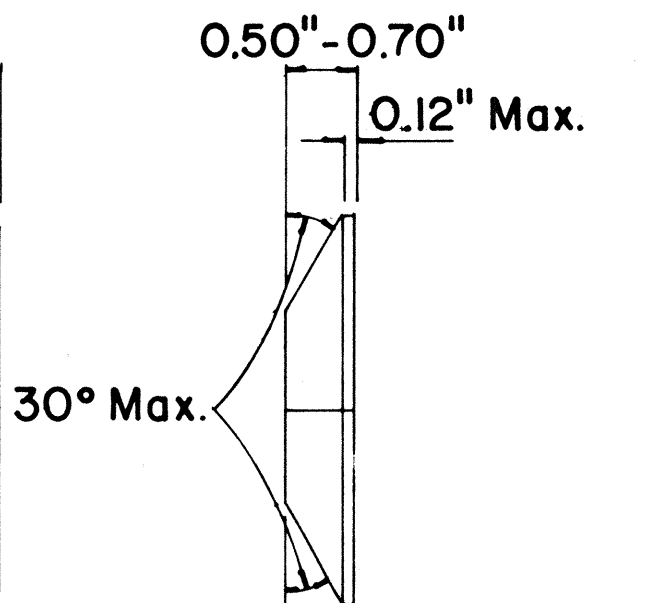
**TYPE A
NON-REFLECTIVE WHITE MARKER**



**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 Contractor unless otherwise specified.

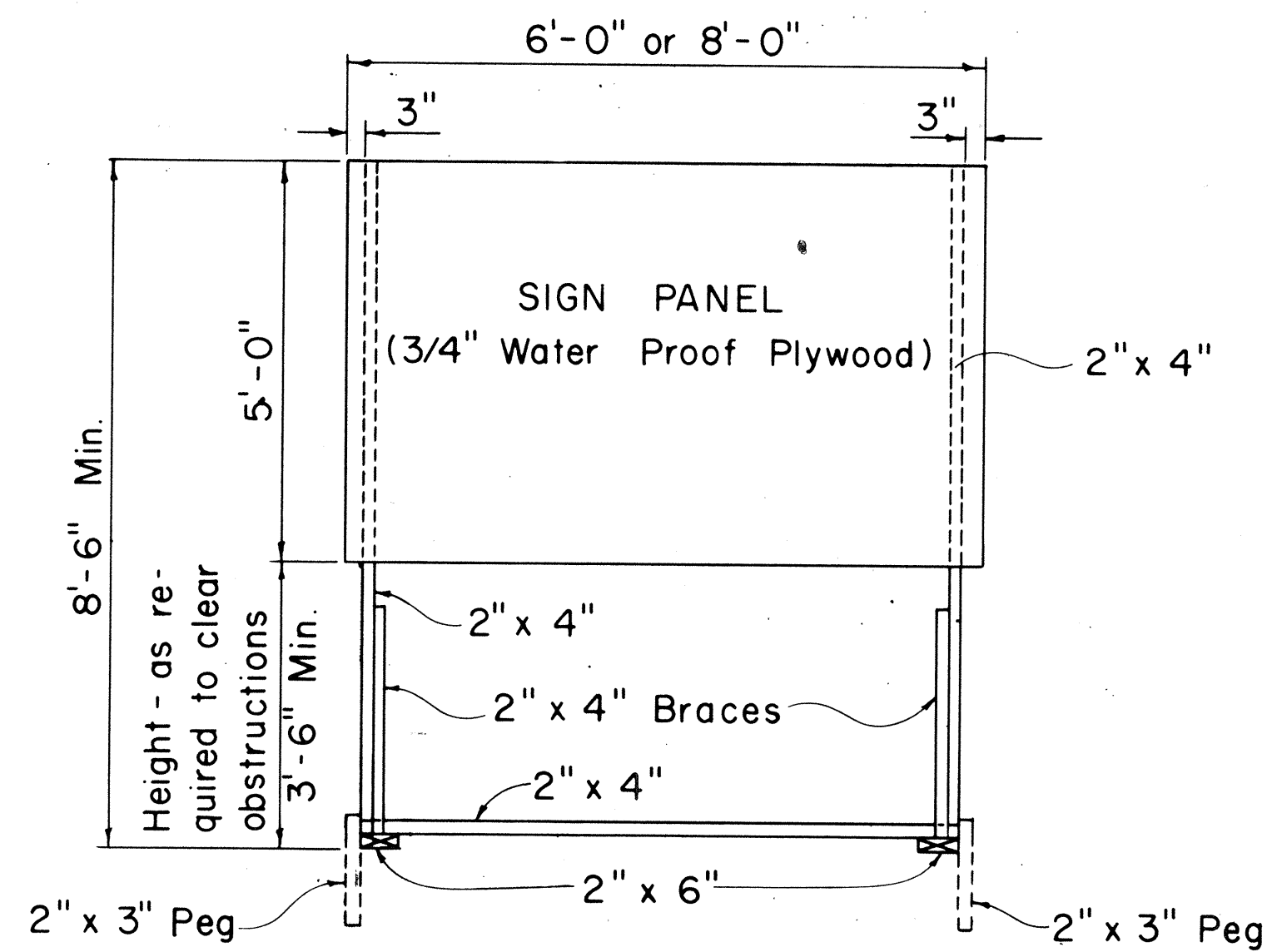
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
RAISED PAVEMENT MARKERS

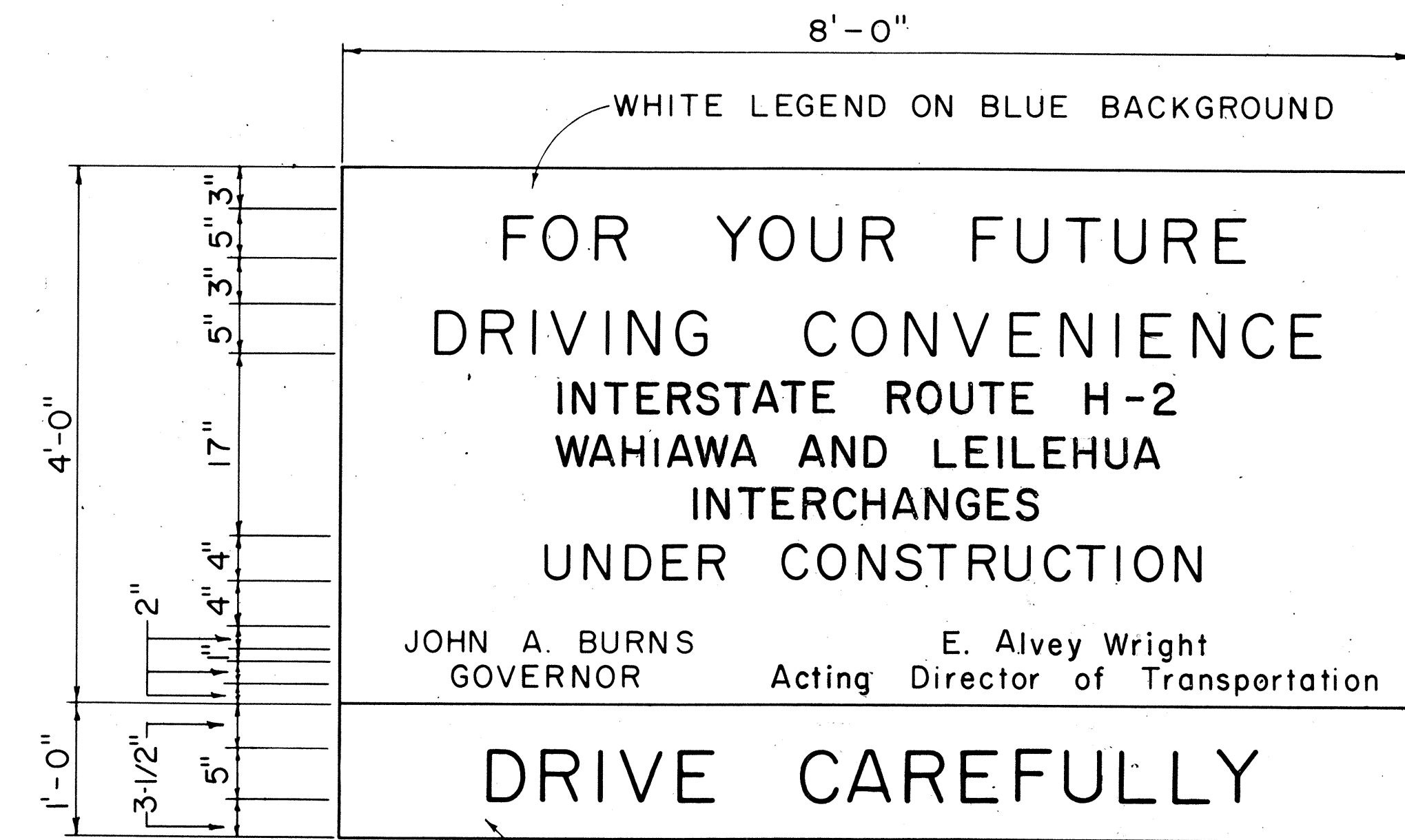
Not to Scale October 1971
SHEET No. 6 OF 13 SHEETS

DATE: _____
DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____
ORIGINAL PLAN No. _____
NOTE BOOK No. _____

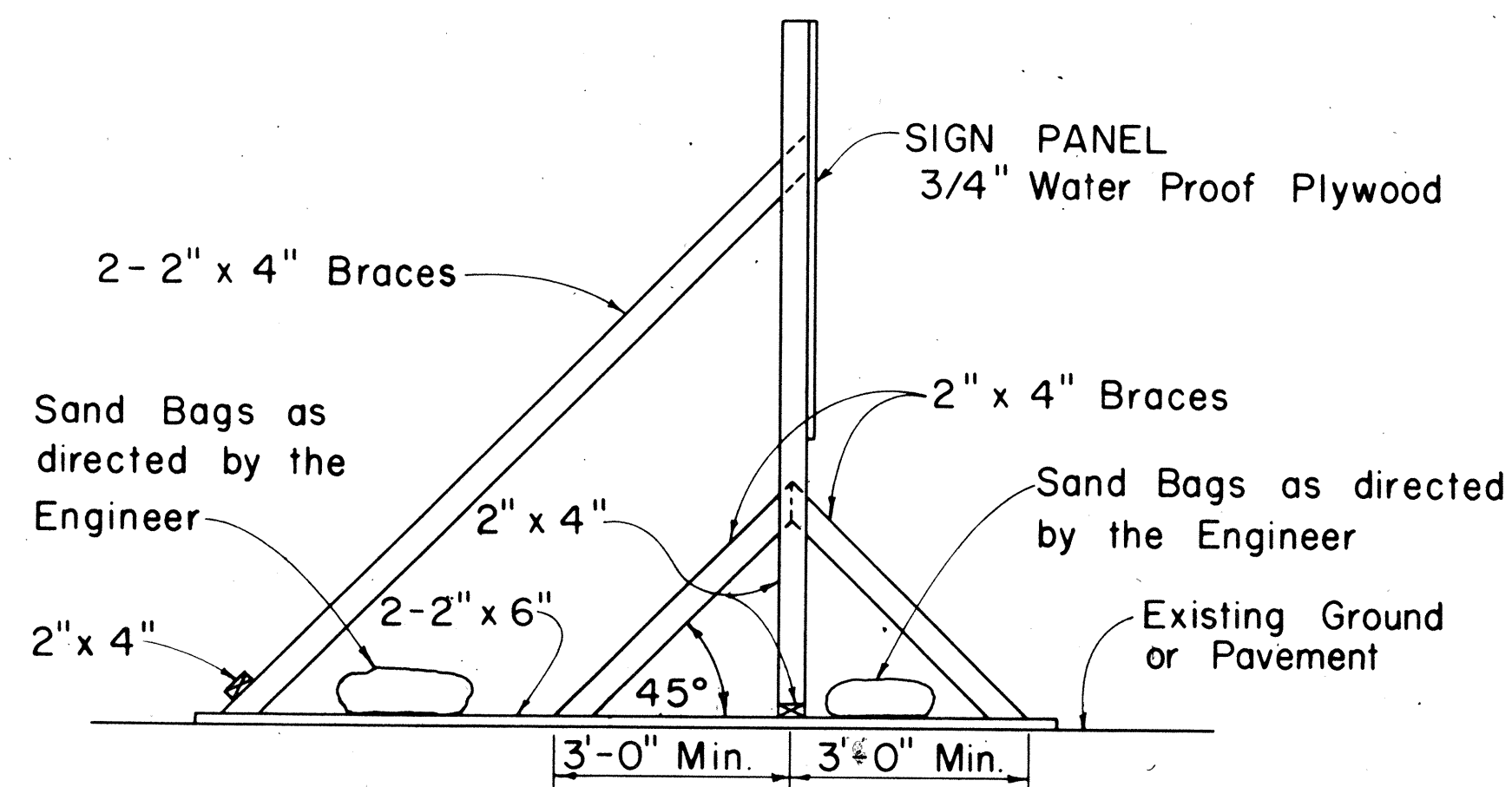
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(B)G	1973	54	160



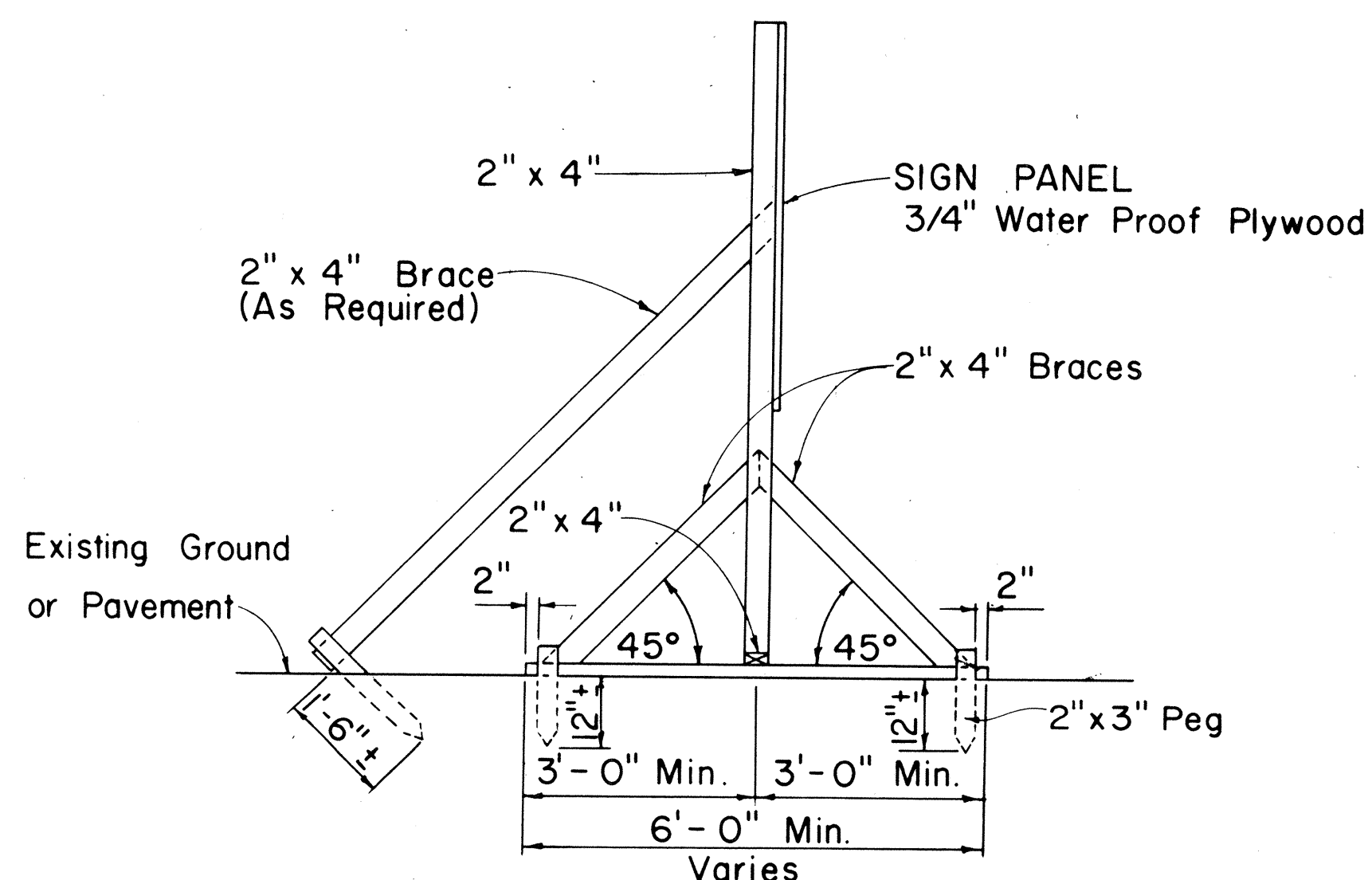
FRONT VIEW
Scale: 1/2" = 1'-0"



BLACK LEGEND ON YELLOW BACKGROUND
USE SERIES "D" LETTERS



SIDE VIEW
(SIGN SUPPORT AND FRAME WEIGHTED DOWN)
Scale: 1/2" = 1'-0"



SIDE VIEW
(SIGN SUPPORT AND FRAME ANCHORED IN GROUND)
Scale: 1/2" = 1'-0"

SIGN SUPPORT AND FRAME
Scale: As Shown

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

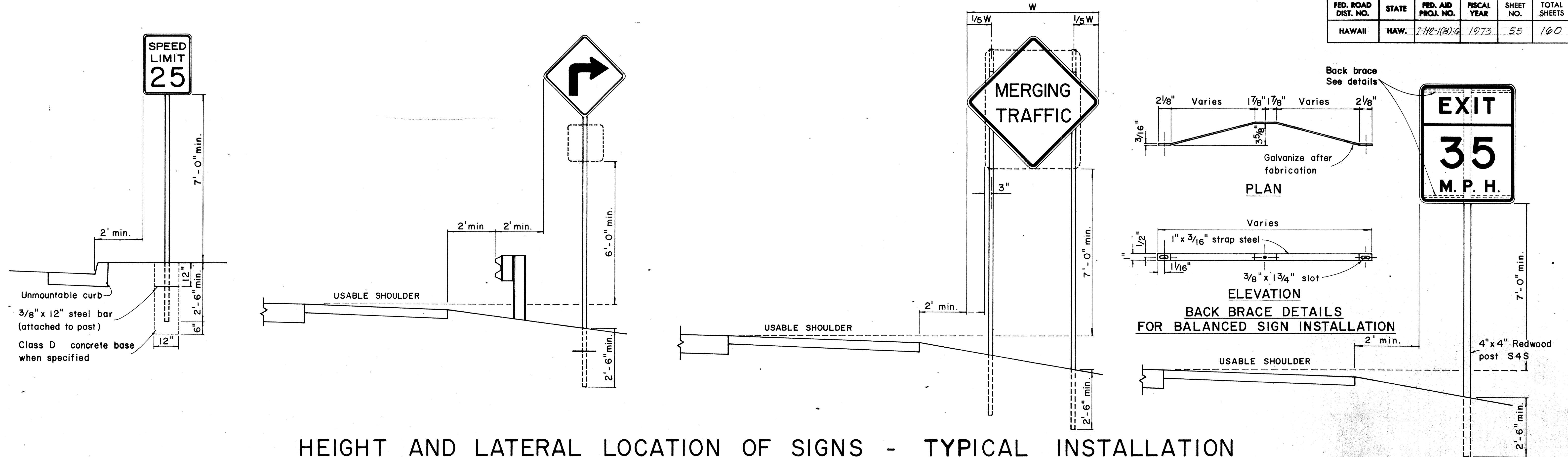
TYPICAL DETAILS

PROJECT INFORMATION SIGN

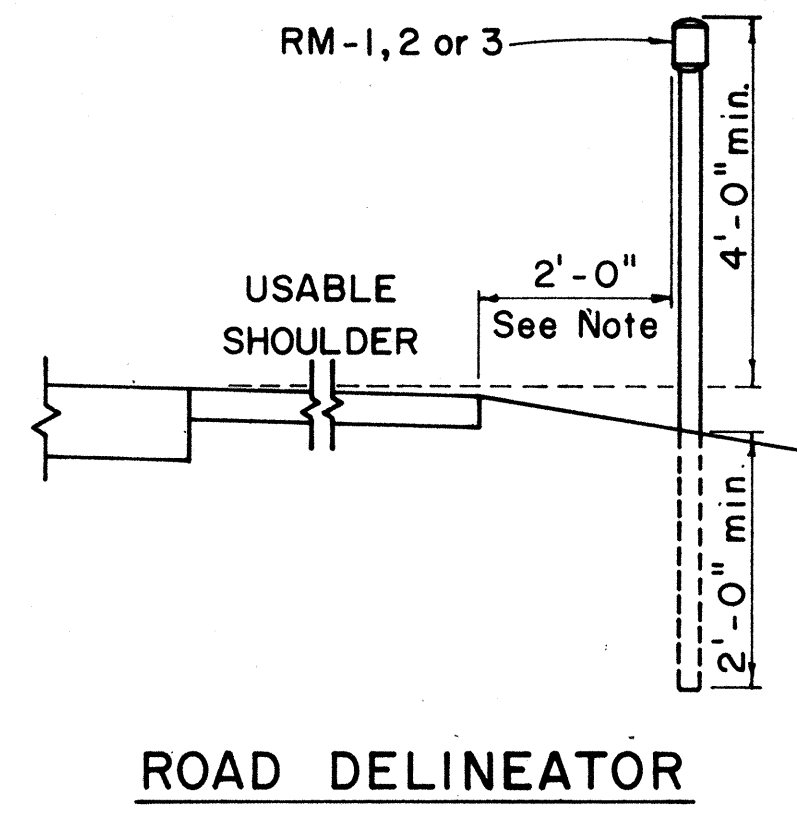
Scale: As Shown
SHEET No. 7 OF 13 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7-H2-(B)0	1973	55	100

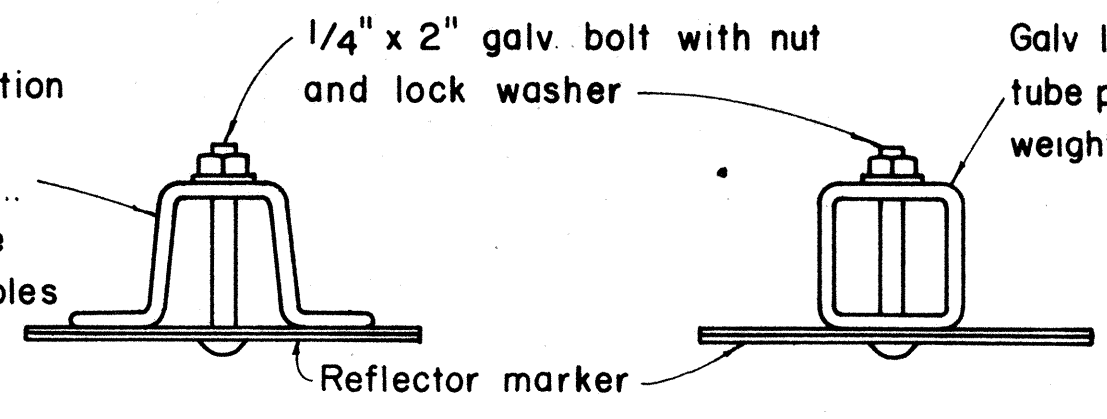


HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATION



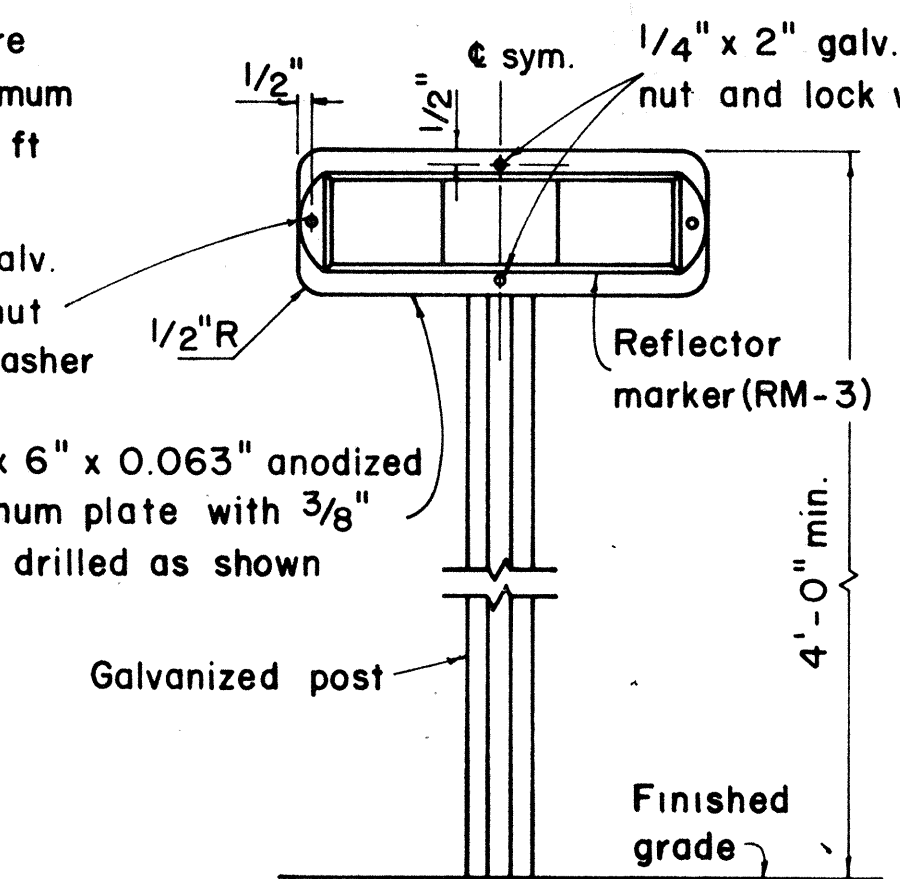
Galv. flanged channel 1/8" x 3/16" rolled section post with a minimum weight of 2 lbs. per ft.. Upper 2 ft. shall have a single row of 3/8" holes centered in the web at 1" o.c.

TYPICAL SECTION OF ROAD DELINEATOR

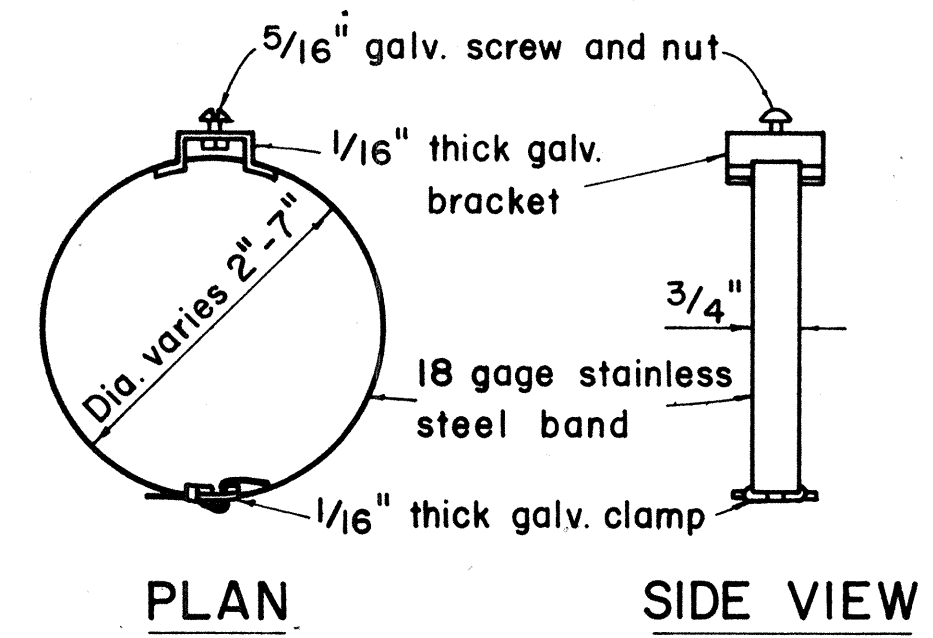


Galv. 1/2" x 1/2" square tube post with a minimum weight of 1.7 lbs per ft

1/4" x 1/2" galv. bolt with nut and lock washer



TYPICAL DETAIL HORIZONTAL REFLECTOR MARKER RM-3H

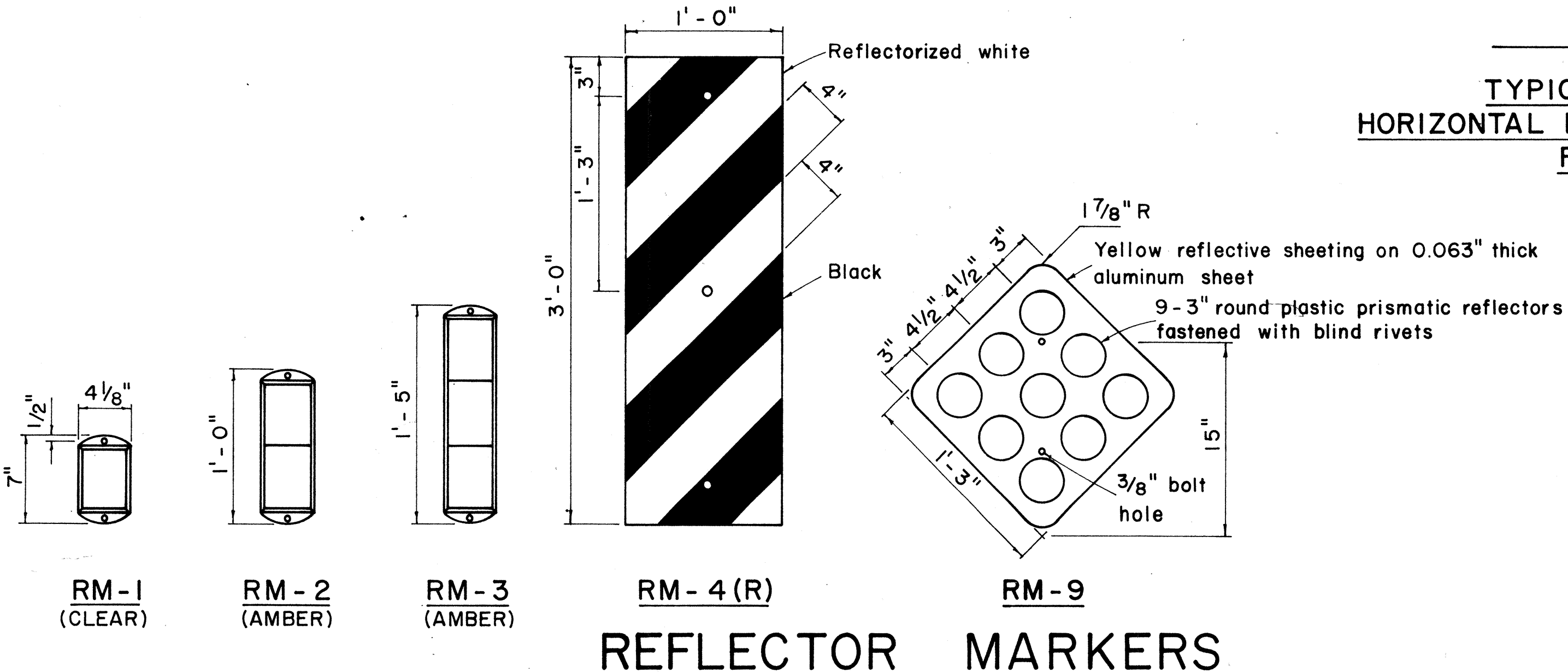


TYPICAL BAND BRACKET FOR MOUNTING TRAFFIC SIGNS

- 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.

APPROVAL RECOMMENDED:
E.ichi Tanaka 12/29/69
 TRAFFIC ENGINEER DATE

APPROVED:
John J. Selig 12-20-69
 ASSISTANT CHIEF, ENGINEERING DATE



REFLECTOR MARKERS

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

STANDARD DETAILS
MISCELLANEOUS SIGN DETAILS

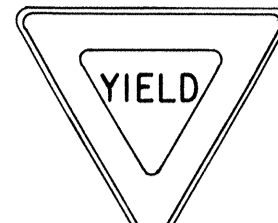
Not to scale March, 1968
 SHEET No. 8 OF 13 SHEETS DT 100

DATE: _____
 SURVEY PLOTTED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN NO. _____
 NOTE BOOK NO. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-42-1(8)G	1973	50	100



R1-1 30" x 30"
R1-1-A 36" x 36"
4-WAY
R1-3 12" x 6"
R1-3-A 18" x 9"



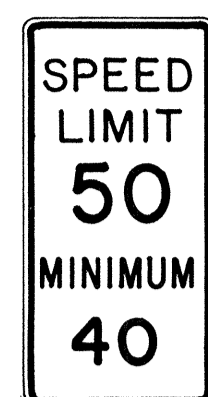
R1-2 36" x 36" x 36"
R1-2-A 48" x 48" x 48"



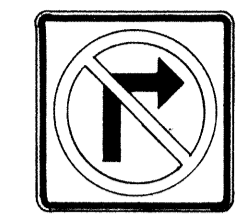
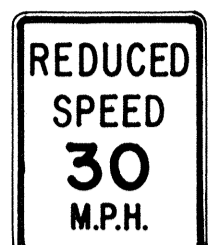
R2-1(50) 24" x 30"
R2-1(50)-A 48" x 60"



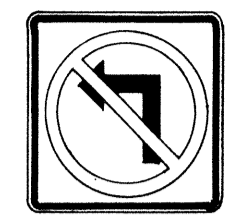
R2-2(40) 24" x 24"
R2-2(40)-A 48" x 48"



R2-4a(50/40) 24" x 48"
R2-4a(50/40)-A 48" x 96"
R2-5b(30) 24" x 30"
R2-5b(30)-A 48" x 60"



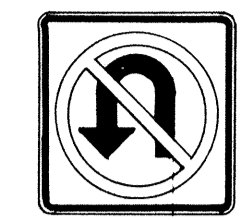
R3-1 24" x 24"
24" x 18"
R3-1-A 48" x 48"
48" x 36"



R3-2 24" x 24"
24" x 18"
R3-2-A 48" x 48"
48" x 36"



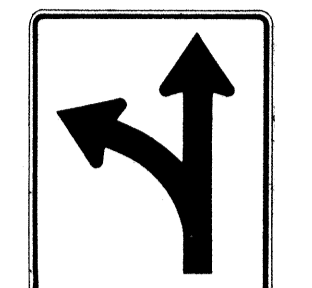
R3-3 24" x 24"
R3-3-A 48" x 48"



R3-4 24" x 24"
24" x 18"
R3-4-A 48" x 48"
48" x 36"



R3-5(L) 30" x 36"
R3-5(L)-A 48" x 60"



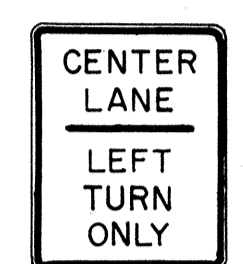
R3-6(L) 30" x 36"
R3-6(L)-A 48" x 60"



R3-7(R) 30" x 30"
R3-7(R)-A 48" x 48"



R3-8(L) 30" x 30"
R3-8(L)-A 36" x 36"
R3-8(L)-B 48" x 48"



R3-9 24" x 30"



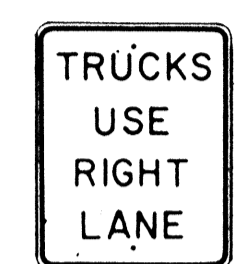
R4-1 24" x 30"



R4-2 24" x 30"



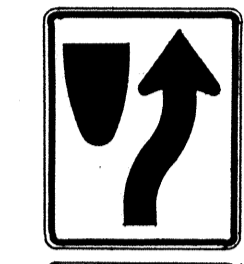
R4-3 24" x 30"
R4-3-A 48" x 60"



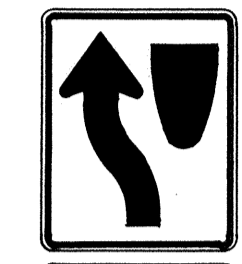
R4-5 24" x 30"



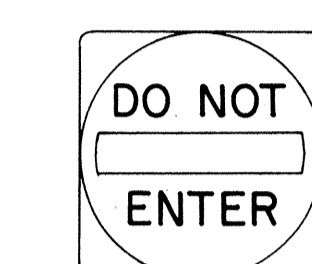
R4-6(500) 24" x 30"



R4-7 24" x 30"
24" x 18"



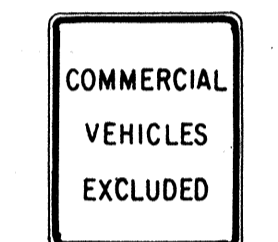
R4-8 24" x 30"
24" x 18"



R5-1 30" x 30"
R5-1-A 48" x 48"



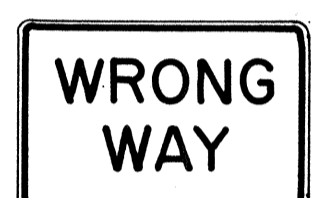
R5-2 24" x 24"
24" x 18"



R5-4 24" x 30"



R5-6 24" x 24"
24" x 18"



R5-9 36" x 24"



R6-1(R) 36" x 12"



R6-2(R) 18" x 24"



R7-1 12" x 18"
R7-1-A 24" x 30"



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



R7-107(R) 12" x 18"



R7-108 12" x 18"



R7-201 12" x 6"
R7-201-A 24" x 12"



R8-1 24" x 30"



R8-2 24" x 30"



R8-3 24" x 30"



R8-4 30" x 24"
R8-4-A 48" x 36"



R8-5 24" x 30"



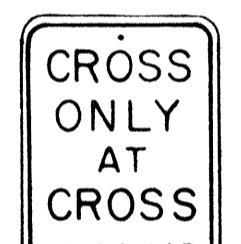
R8-6 24" x 30"



R8-7 30" x 24"
R8-7-A 48" x 36"



R9-1 18" x 24"



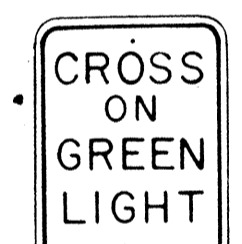
R9-2 12" x 18"



R9-3 12" x 18"



R9-4 18" x 24"



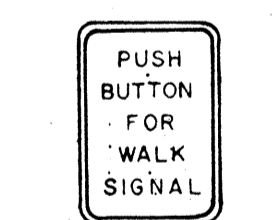
R10-1 12" x 18"



R10-2 12" x 18"



R10-3 9" x 12"



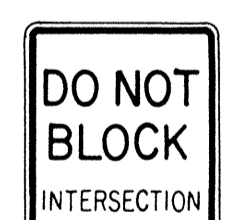
R10-4 9" x 12"



R10-5 24" x 30"



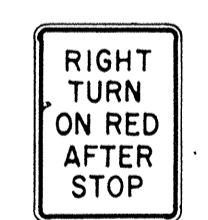
R10-6 24" x 36"



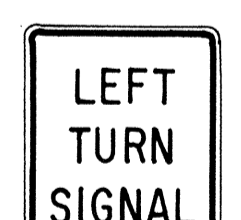
R10-7 24" x 30"



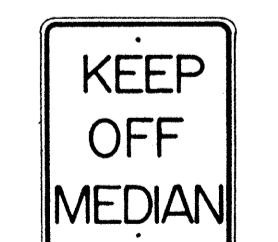
R10-8 24" x 30"



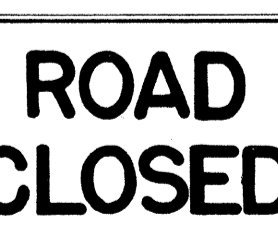
R10-9 24" x 30"



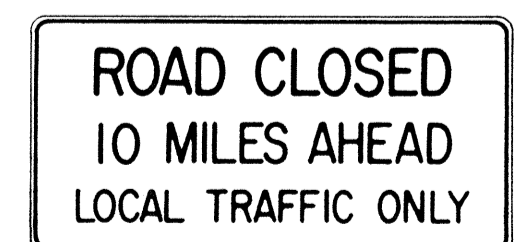
R10-10 24" x 30"



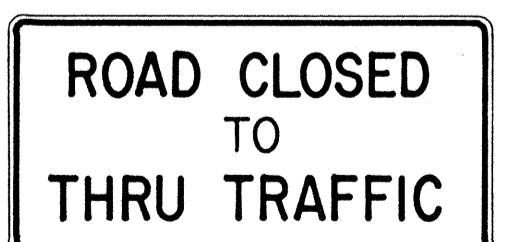
R11-1 24" x 30"



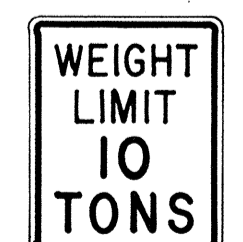
R11-2 48" x 30"



R11-3(10) 60" x 30"



R11-4 60" x 30"



R12-1(10) 24" x 30"

GENERAL NOTES

1. Sign details shall conform to the FHWA publications "Manual on Uniform Traffic Control Devices for Streets and Highways," 1971, and "Standard Highway Signs."
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.

APPROVAL RECOMMENDED:
Eishi Tanaka 3/17/72
TRAFFIC ENGINEER DATE

APPROVED:
Robert J. Roberts 3-20-72
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE
1	Supersedes Sht. DT 101 Approved 12-30-69	H.C.	3/20/72

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

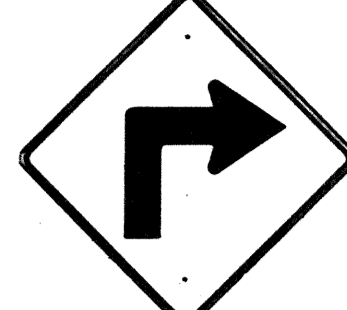
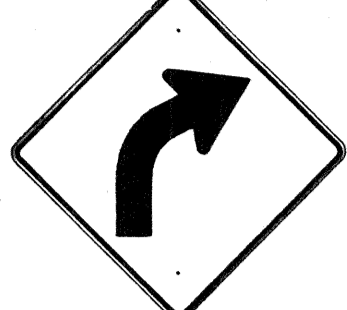
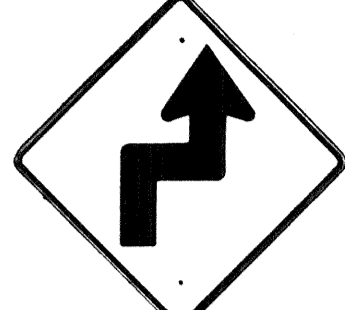
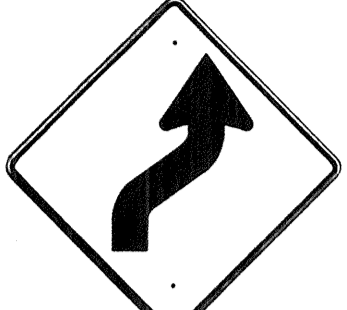
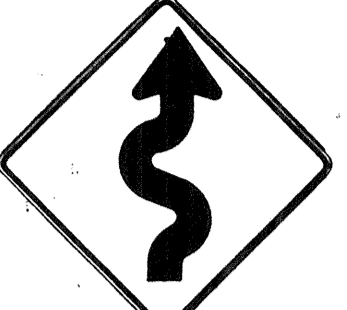
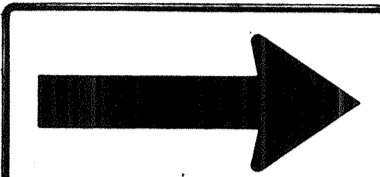
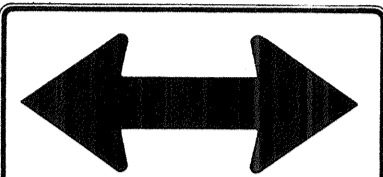
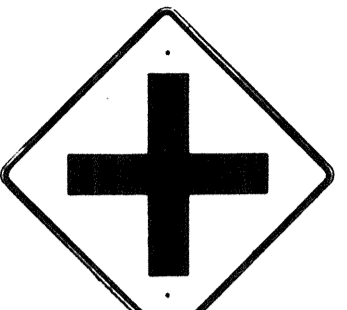
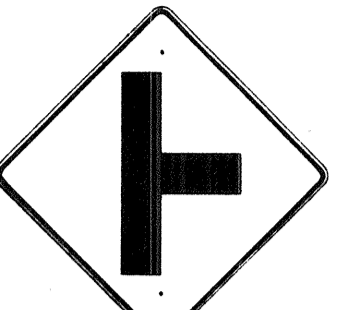
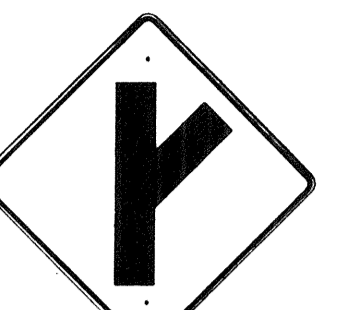
**STANDARD DETAILS
REGULATORY SIGNS**

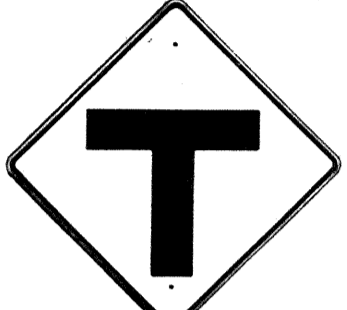



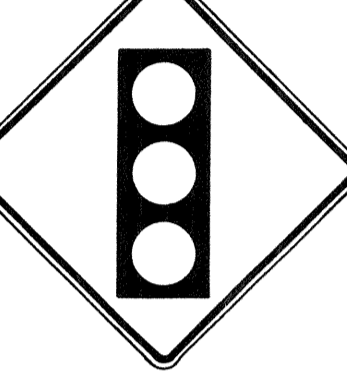

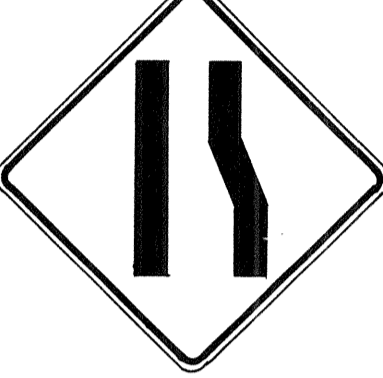



NOT TO SCALE











SHEET No. 50 OF 13 SHEETS DT 101








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

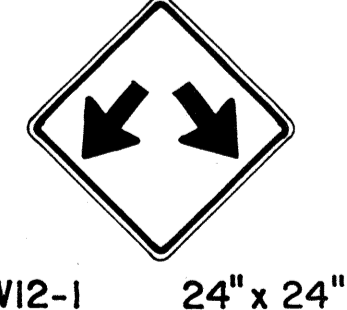


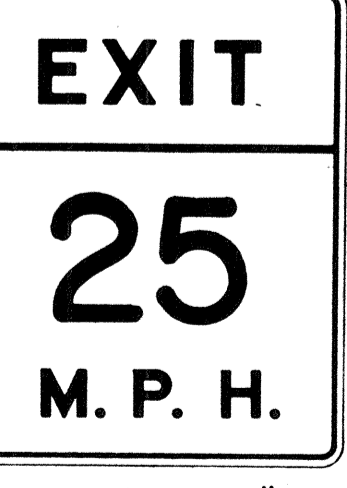
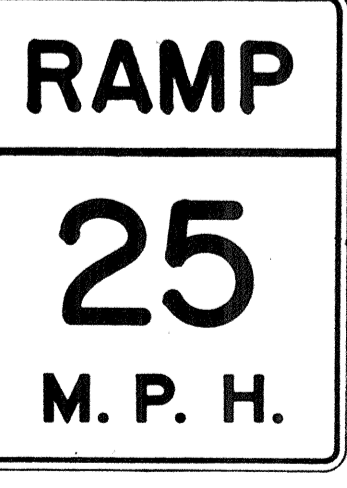


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(8)G	1973	57	100

 W1-1(R) 30"x30" W1-1(R)-A 48"x48"	 W1-2(R) 30"x30" W1-2(R)-A 48"x48"	 W1-3(R) 30"x30" W1-3(R)-A 48"x48"	 W1-4(R) 30"x30" W1-4(R)-A 48"x48"	 W1-5(R) 30"x30" W1-5(R)-A 48"x48"	 W1-6 48"x24"	 W1-7 48"x24"	 W2-1 30"x30" W2-1-A 48"x48"	 W2-2 30"x30" W2-2-A 48"x48"	 W2-3(R) 30"x30" W2-3(R)-A 48"x48"
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 W2-4 30"x30" W2-4-A 48"x48"	 W2-5 30"x30" W2-5-A 48"x48"	 W3-1 30"x30" W3-1-A 36"x36"	 W3-2 30"x30" W3-2-A 36"x36"	 W3-3 36"x36" 24"x18"	 W4-1(R) 30"x30" 24"x18" W4-1(R)-A 48"x48" 24"x18"	 W4-2(R) 36"x36" W4-2(R)-A 48"x48"	 W5-1 36"x36"	 W5-2 30"x30" W5-2-A 36"x36"	 W5-3 36"x36"
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 W6-1 36"x36" 24"x18"	 W6-2 36"x36" 24"x18"	 W6-3 30"x30" 24"x18" W6-3-A 36"x36" 24"x18" W6-3-B 48"x48" 24"x18"	 W7-1 30"x30" 24"x18" W7-1-A 36"x36" 24"x18"	 W7-2 24"x18"	 W8-1 30"x30" W8-1-A 36"x36"	 W8-2 30"x30" W8-2-A 36"x36"	 W8-3 30"x30" W8-3-A 36"x36"	 W8-4 30"x30" W8-4-A 36"x36"	 W8-5 30"x30" 24"x18" W8-5-A 36"x36" 24"x18"
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 W9-1(R) 30"x30" W9-1(R)-A 36"x36" W9-1(R)-B 48"x48"	 W9-2(L) 36"x36" W9-2(L)-A 48"x48"	 W10-1 36" Diameter	 W11-1 30"x30" 24"x18" W11-1-A 36"x36" 24"x18"	 W11-2 30"x30" 24"x18" W11-2-A 36"x36" 24"x18"	 W11-4 30"x30" 24"x18" W11-4-A 36"x36" 24"x18"	 W11-5 30"x30" 24"x18" W11-5-A 36"x36" 24"x18"
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 W12-1 24"x24" W12-1-A 36"x36" W12-1-B 48"x48"	 W12-2(12'-6") 36"x36" 24"x18"	 W13-1(25) 18"x18" W13-1(25)-A 24"x24"	 W13-2(25) 48"x60"	 W13-3(25) 48"x60"	 W14-1 30"x30"	 W14-3 36"x48"x48"
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GENERAL NOTES

1. Sign details shall conform to the FHWA publications "Manual on Uniform Traffic Control Devices for Streets and Highways," 1971, and "Standard Highway Signs."
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.

APPROVAL RECOMMENDED:
Enish Tanaka
TRAFFIC ENGINEER 3/17/72 DATE

APPROVED:
John Salsin
ASSISTANT CHIEF, ENGINEERING 3-20-72 DATE

NO.	REVISION	APPROVED BY	DATE
1	Supersedes Sht. DT 102 Approved 12-30-69	H.T.	3/20/72

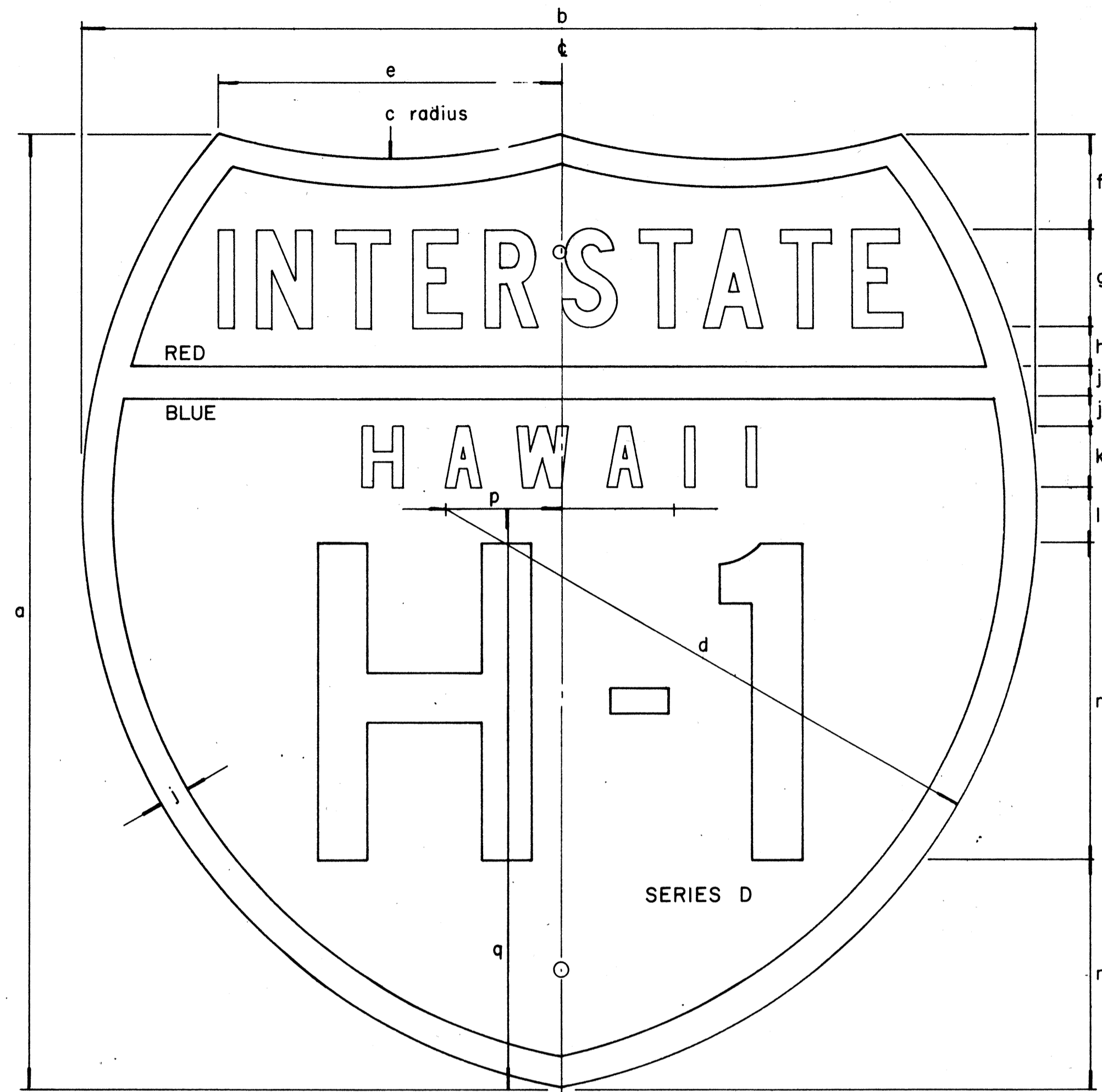
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
WARNING SIGNS

NOT TO SCALE
SHEET No. 10 OF 13 SHEETS DT 102

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

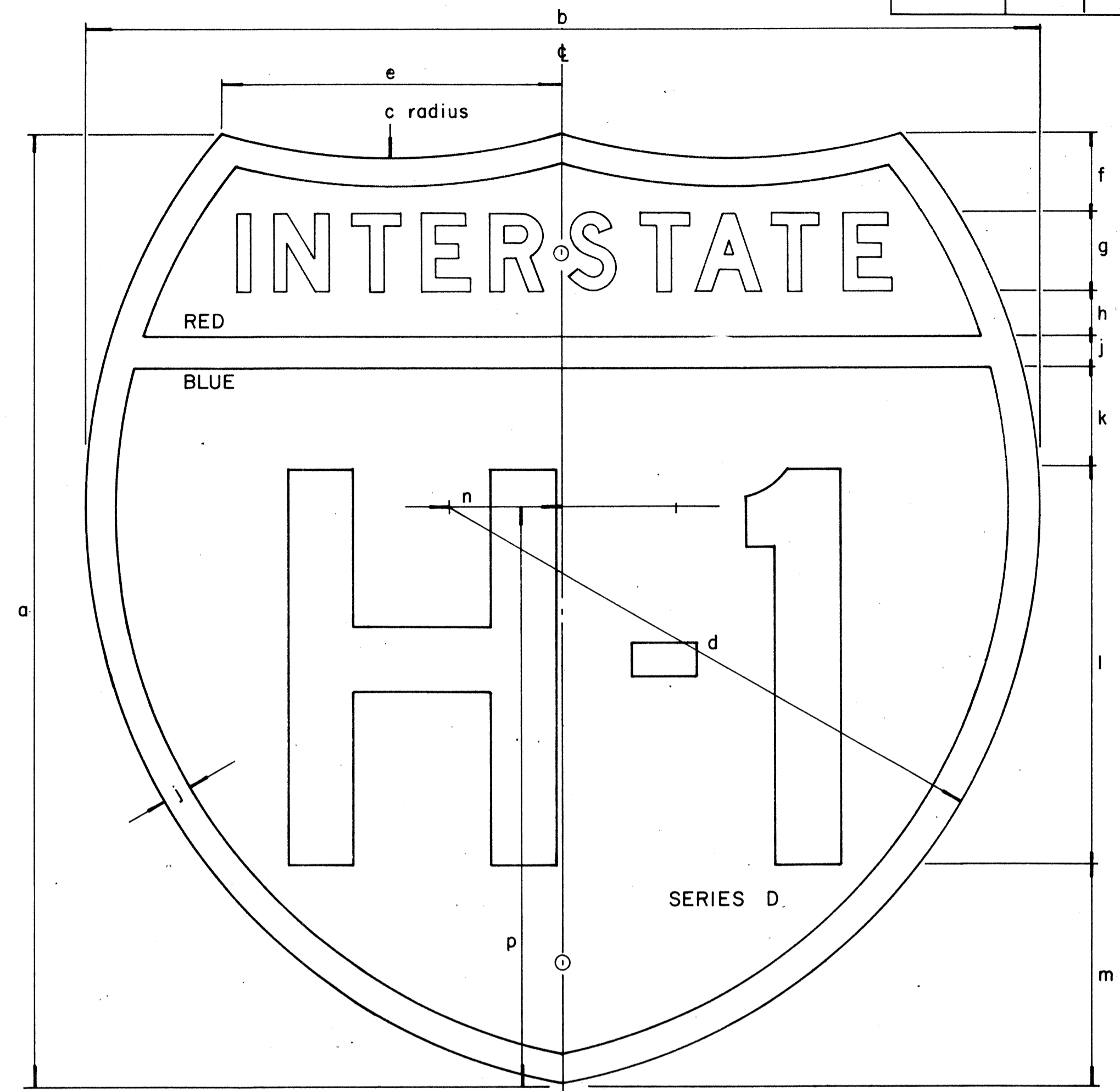
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(2)6	1973	50	160



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, 1966
- 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.

APPROVAL RECOMMENDED:

Eiichi Tanaka
TRAFFIC ENGINEER 12/29/69
DATE

APPROVED:

John P. ...
ASSISTANT CHIEF, ENGINEERING 12-29-69
DATE

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
INTERSTATE ROUTE MARKERS

ORIGINAL PLAN
 SURVEY LOCATED BY
 DRAWN BY
 DESIGNED BY
 QUANTITIES BY
 CHECKED BY
 DATE

