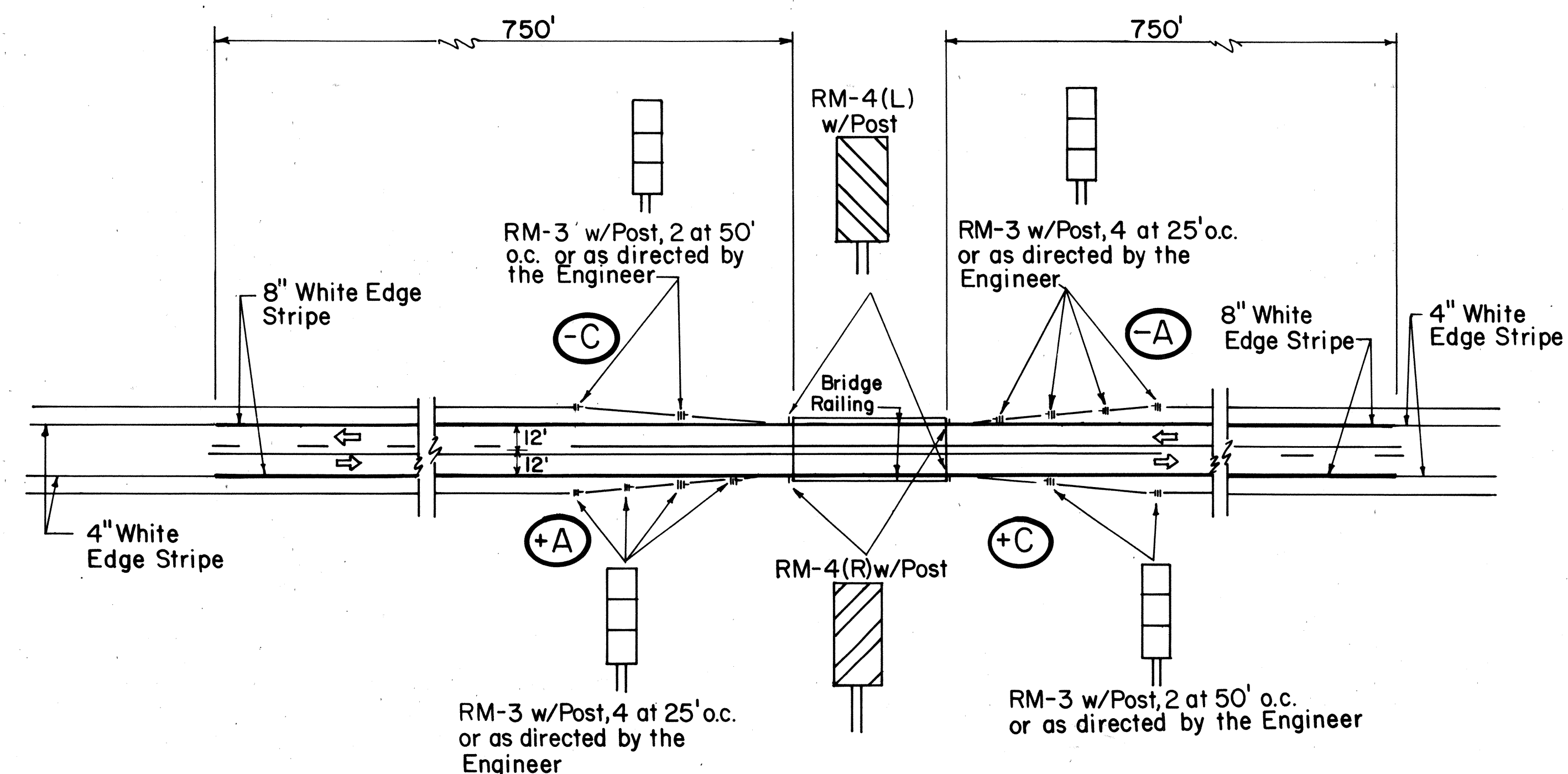
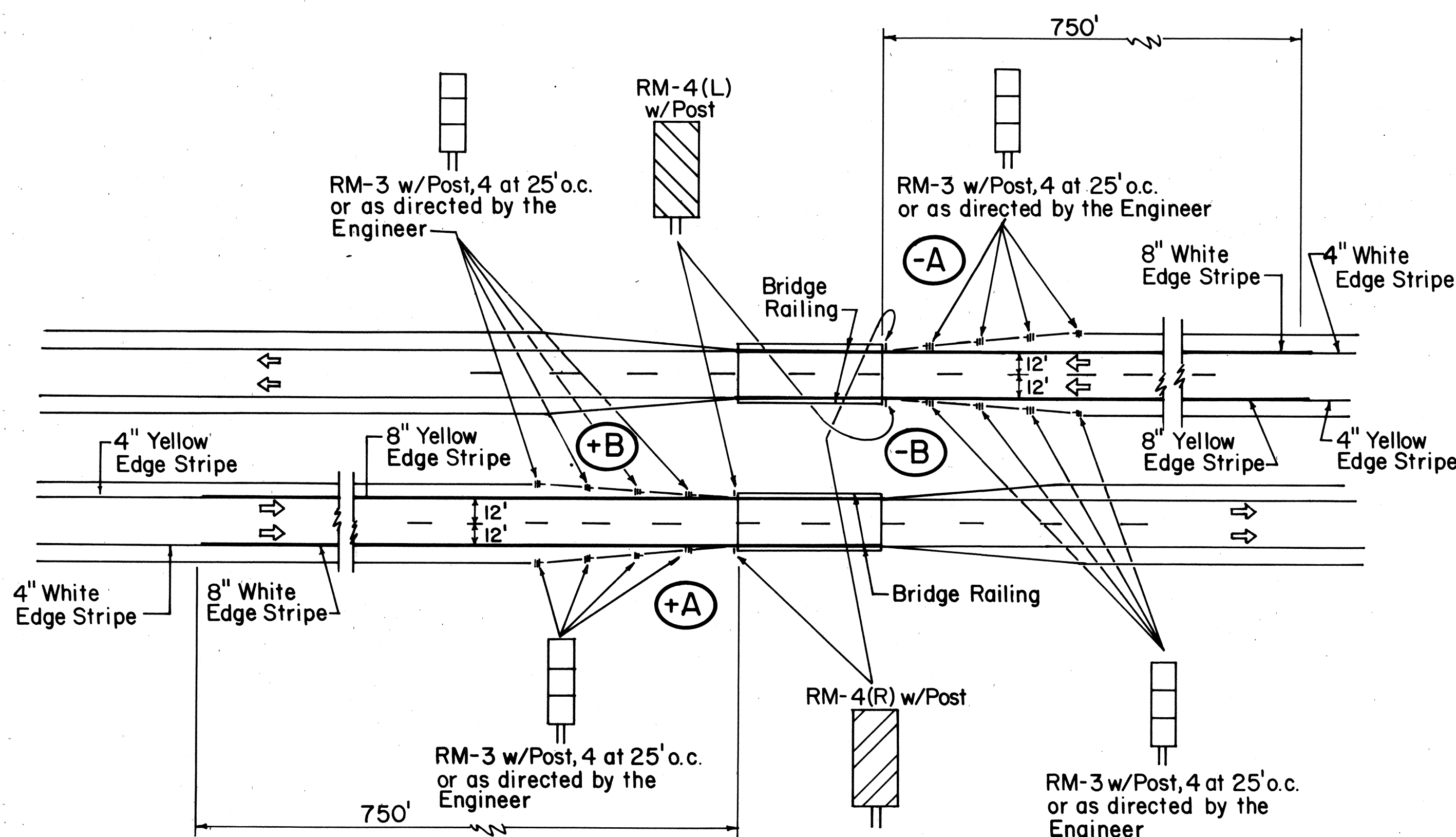


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-86M	1986	6	9

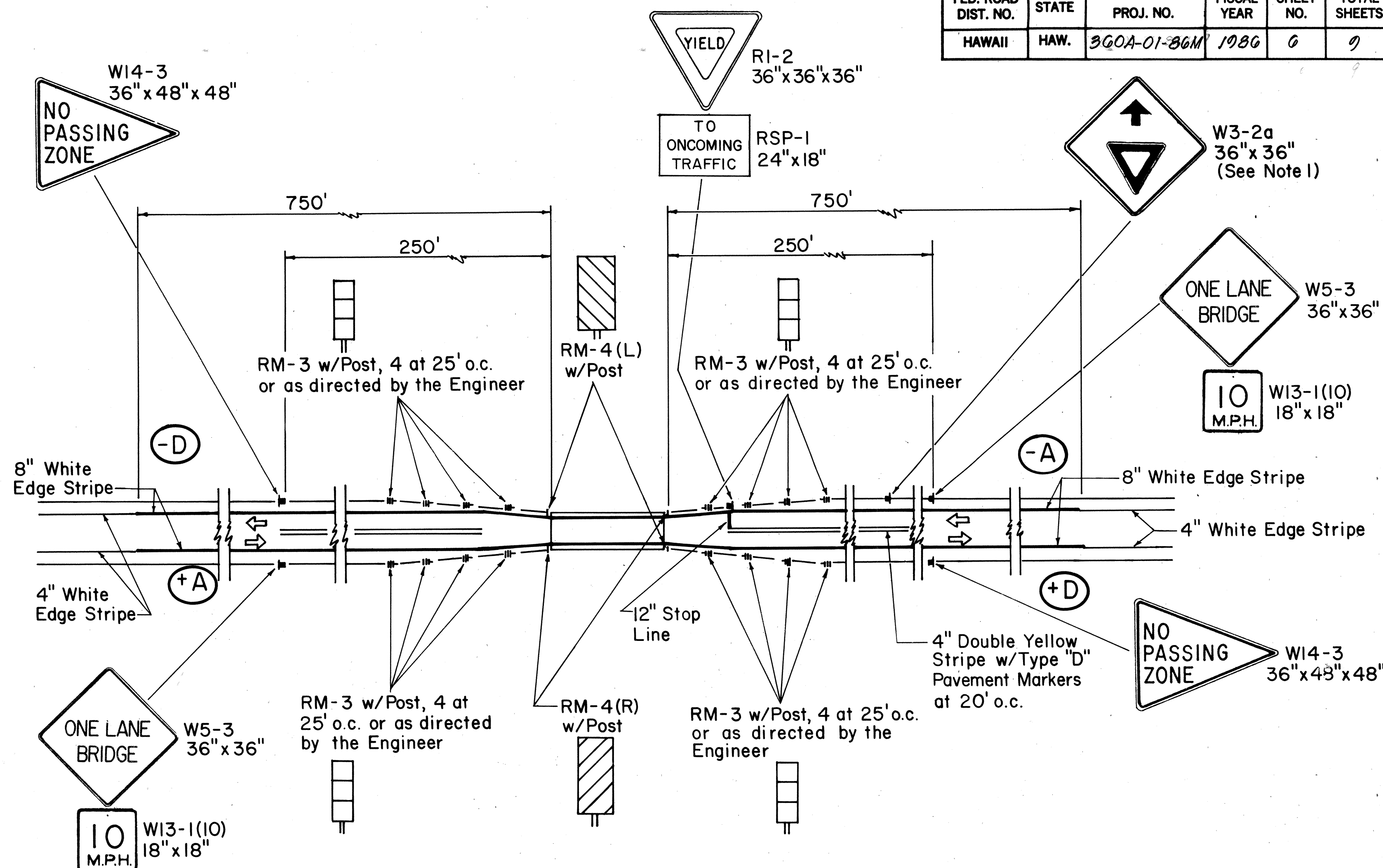


UNDIVIDED HIGHWAY



DIVIDED HIGHWAY

TYPICAL NARROW BRIDGE DELINEATION



TYPICAL ONE LANE BRIDGE DELINEATION

# NOTES:

1. YIELD AHEAD sign (W3-2a) shall be installed only on approaches to a YIELD sign (R1-2) that is not visible for a sufficient distance to permit a driver to bring his vehicle to a stop at the YIELD sign. Final location will be determined in the field by the Engineer.
2. Stop line and YIELD signs shall be installed on the approach that has the longer or better sight distance. Final location will be determined in the field by the Engineer.
3. Signs shall be spaced a minimum of 125 feet apart in the same direction of traffic.

## LEGEND

- ➡ Direction of traffic
- + Increasing Log Miles
- Decreasing Log Miles
- +A Type of reflector marker treatment

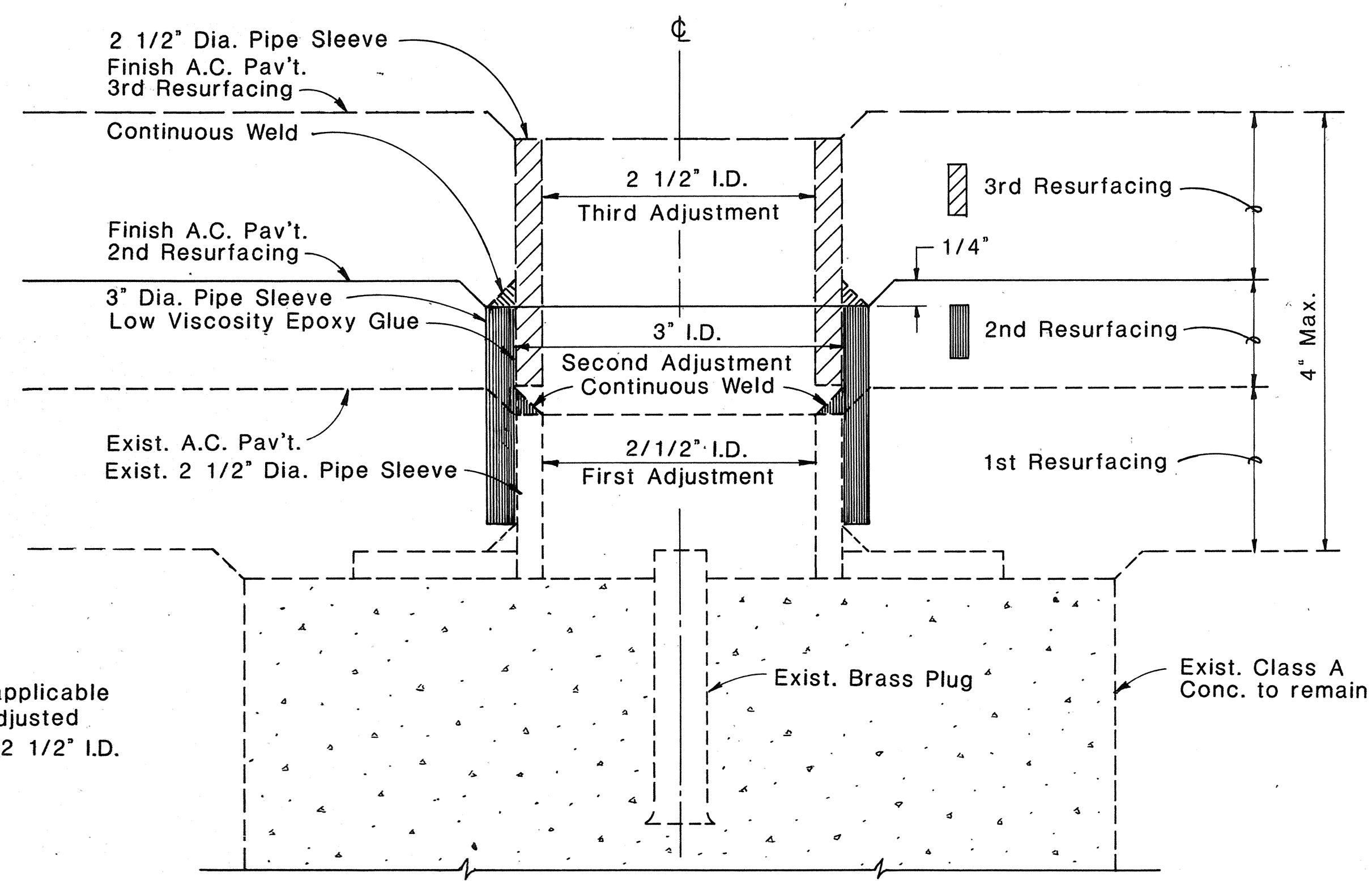
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION

TYPICAL DELINEATION AND  
PAVEMENT MARKINGS AT BRIDGES

Scale: N.T.S.

SHEET No. 7 OF 4 SHEETS

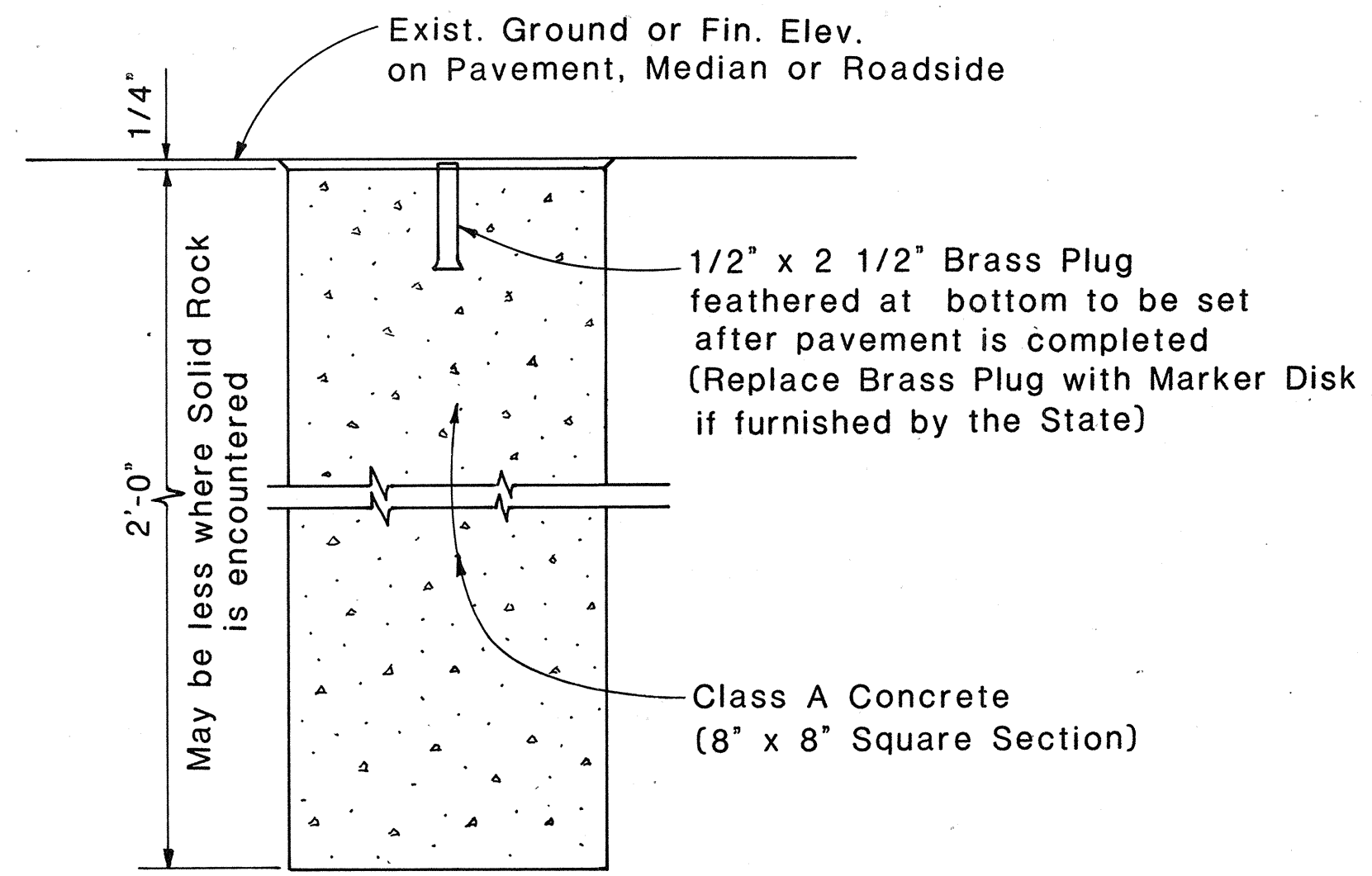
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-86M	1986	7	9



NOTE:  
This detail is applicable only if initial adjusted pipe sleeve is 2 1/2\" I.D.

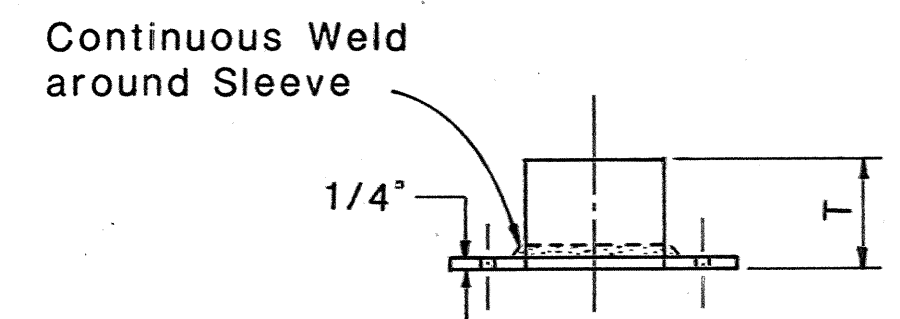
## DETAIL FOR CENTERLINE MONUMENT (2ND & 3RD) ADJUSTMENTS

FULL SIZE



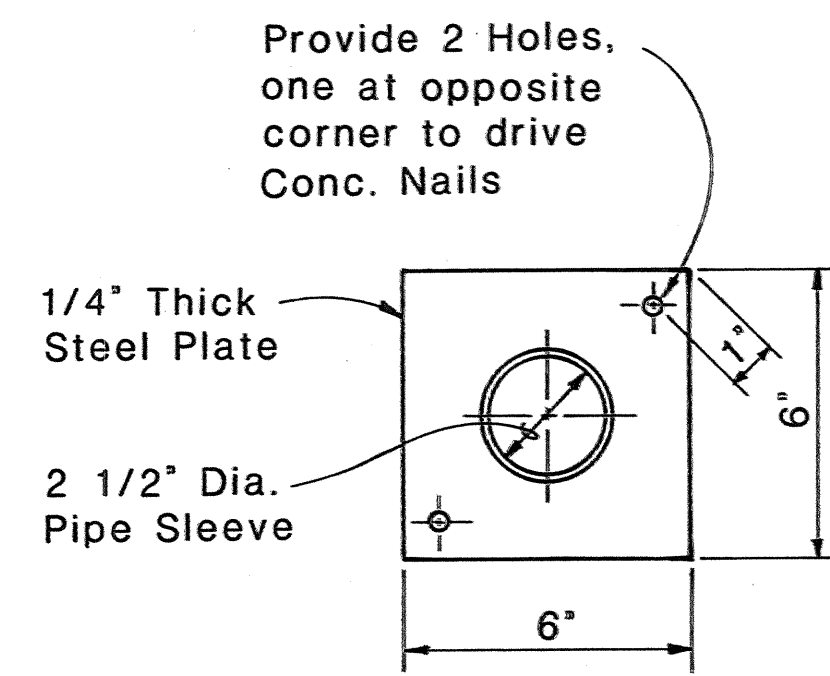
## DETAIL FOR CENTERLINE & REFERENCE SURVEY MONUMENT

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

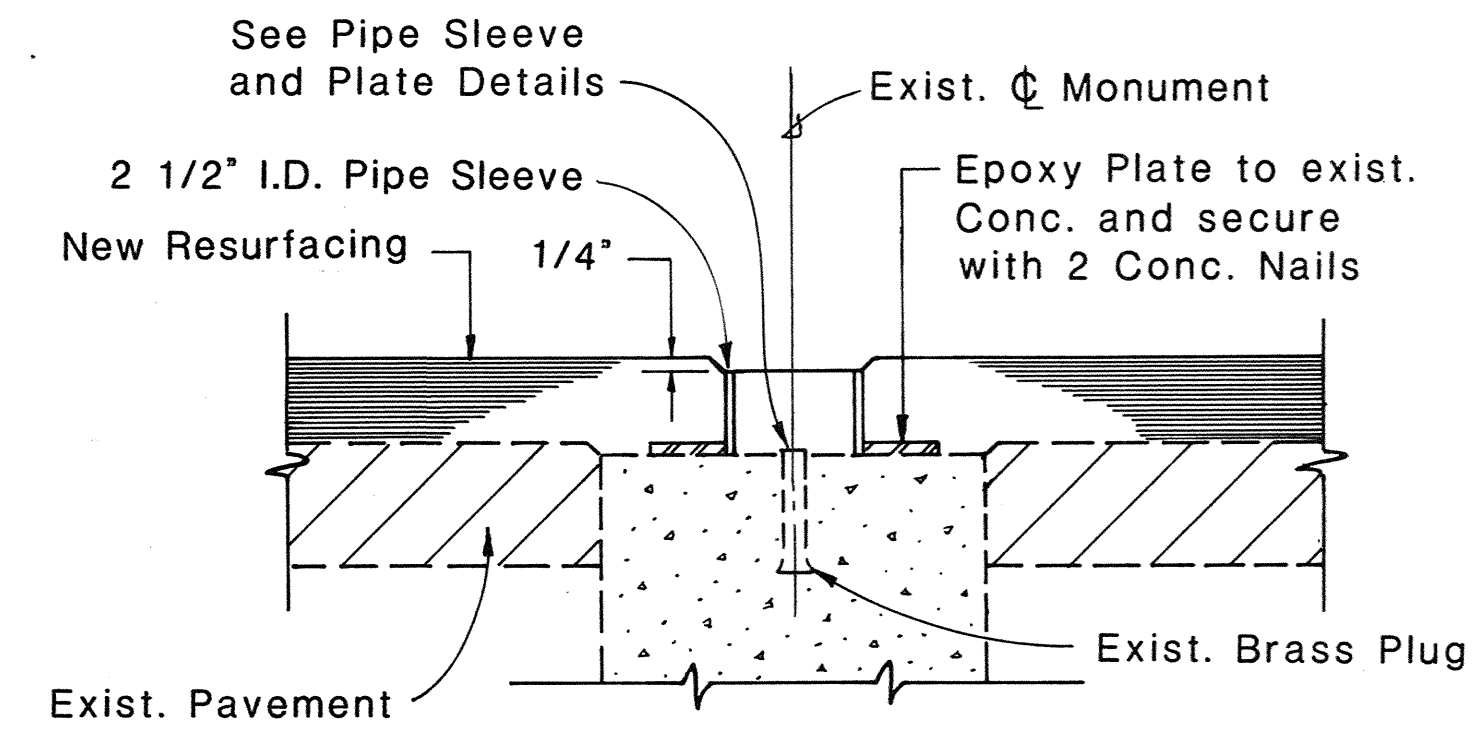


T = New Resurfacing Thickness

### PIPE SLEEVE & PLATE ELEVATION



### PIPE SLEEVE & PLATE PLAN



### SECTION THRU MONUMENT

NOTE  
These Adjustment Details also apply to Centerline Monuments utilized as Stationline Reference Points.

## DETAILS FOR ADJUSTED CENTERLINE MONUMENT

Scale: 3\" = 1'-0"

APPROVAL RECOMMENDED:  
*Mike Mima* 6-20-83  
HIGHWAY DESIGN ENGINEER DATE  
APPROVED:  
*W. Fujiyama* 6-22-83  
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED	
		BY	DATE
1	Delete Note No. 1	<i>WJ</i>	11-17-84

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**STANDARD DETAILS**  
**CENTERLINE AND REFERENCE**  
**SURVEY MONUMENT**  
Scale: As Shown Date: May, 1983  
SHEET No. 2 OF 4 SHEETS

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



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-86M	1986	8	9



CW20-1a 48"x 48"



CW20-2d 48"x 48"



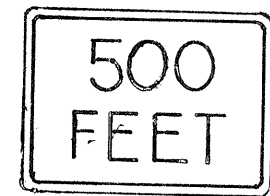
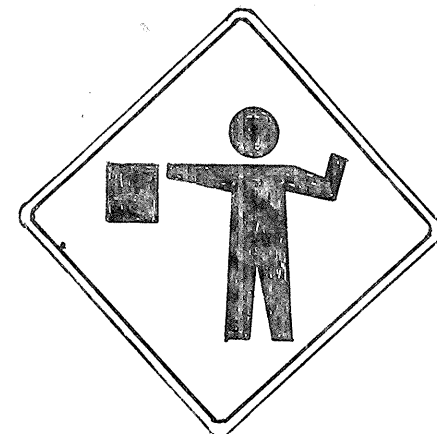
CW20-3b 48"x 48"



CW20-4d 48"x 48"



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



CW20-7c 36"x 36"  
24"x 18"  
CW20-7c-A 48"x 48"  
24"x 18"



CW21-1 30"x 30"



CW21-2 30"x 30"



CW21-3 36"x 36"



CW21-4 36"x 36"



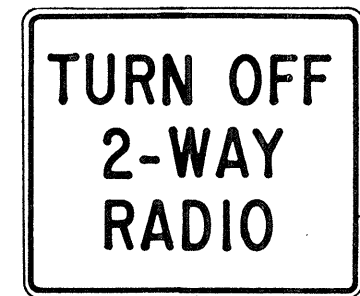
CW21-5 30"x 30"



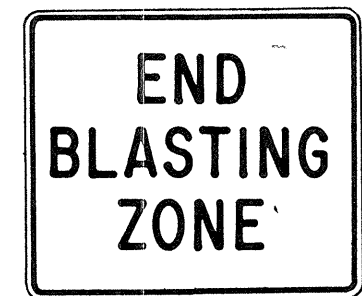
CW21-6 30"x 30"



CW22-1b 48"x 48"



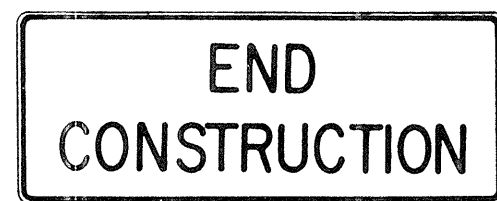
CW22-2 42"x 36"



CW22-3 42"x 36"



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



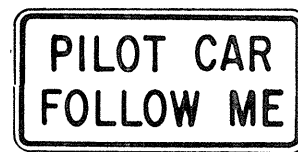
CG 20-2 60"x 24"



CM4-9(R) 30"x 24"



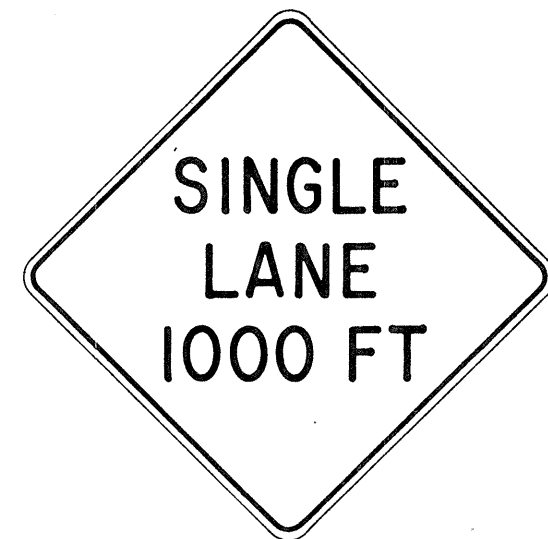
CM4-10(R) 48"x 18"



CG 20-4 36"x 18"



CW23-1 36"x 36"



CW23-2b 48"x 48"



CW23-3(R) 48"x 48"

### GENERAL NOTES

- 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.
- All construction signs shall be reflectorized.
- All construction signs shall have 3/8" bolt holes drilled at appropriate locations.
- Numerals in ( ) indicates numerals to be inserted for sign message. (R) or (L) indicates right or left.
- 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.

APPROVAL RECOMMENDED:

*Erich Tanaka*  
TRAFFIC ENGINEER

3/21/12  
DATE

APPROVED:

*Walter Salsich*  
ASSISTANT CHIEF, ENGINEERING

3/23/12  
DATE

NO.	REVISION	APPROVED BY	DATE
1	Supersedes Sht. DT 104 Approved 12-30-69	H.T.	3/23/12
2	Revised General Note 1	H.T.	10/10/14
3	Revised General Note 2	H.T.	9-16-15
4	Revised General Note 2 and sign CG20-1(5)	H.T.	9-14-16
5	Revised General Note 1 and sign CW20-7c	E.T.	9/18/15

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

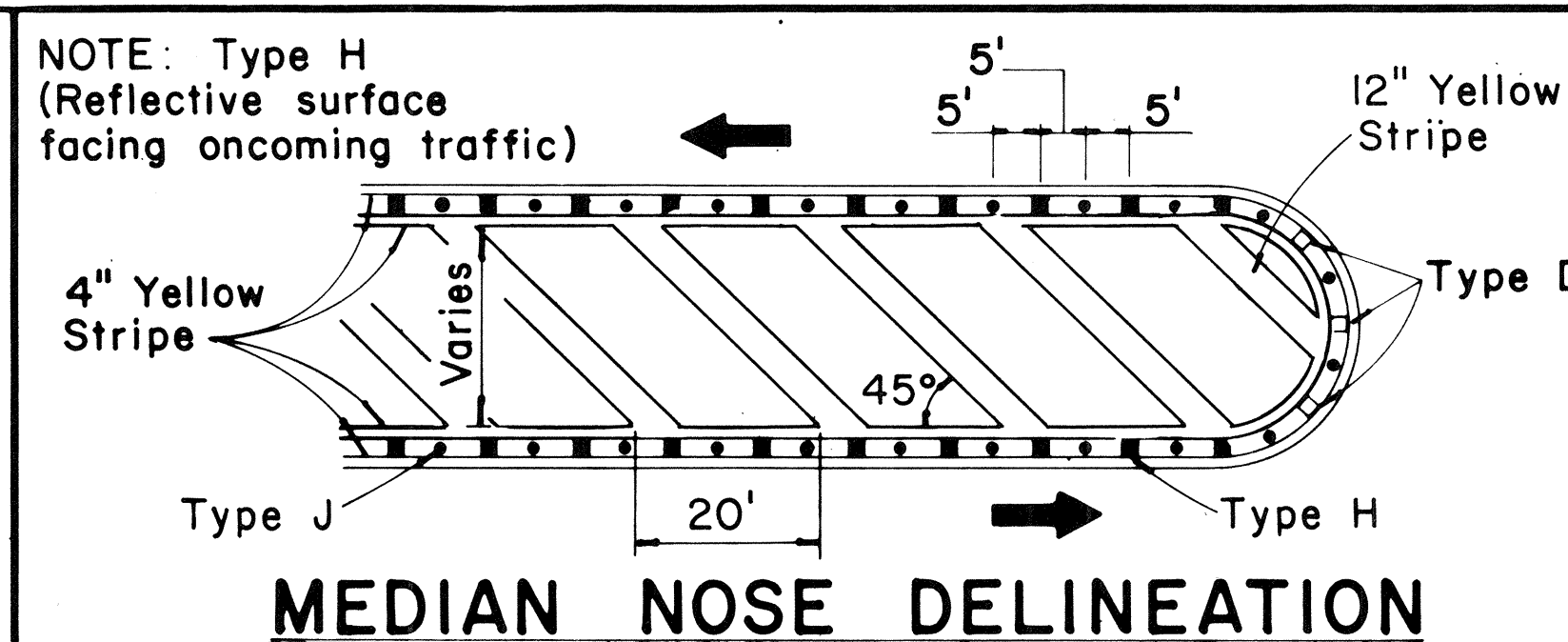
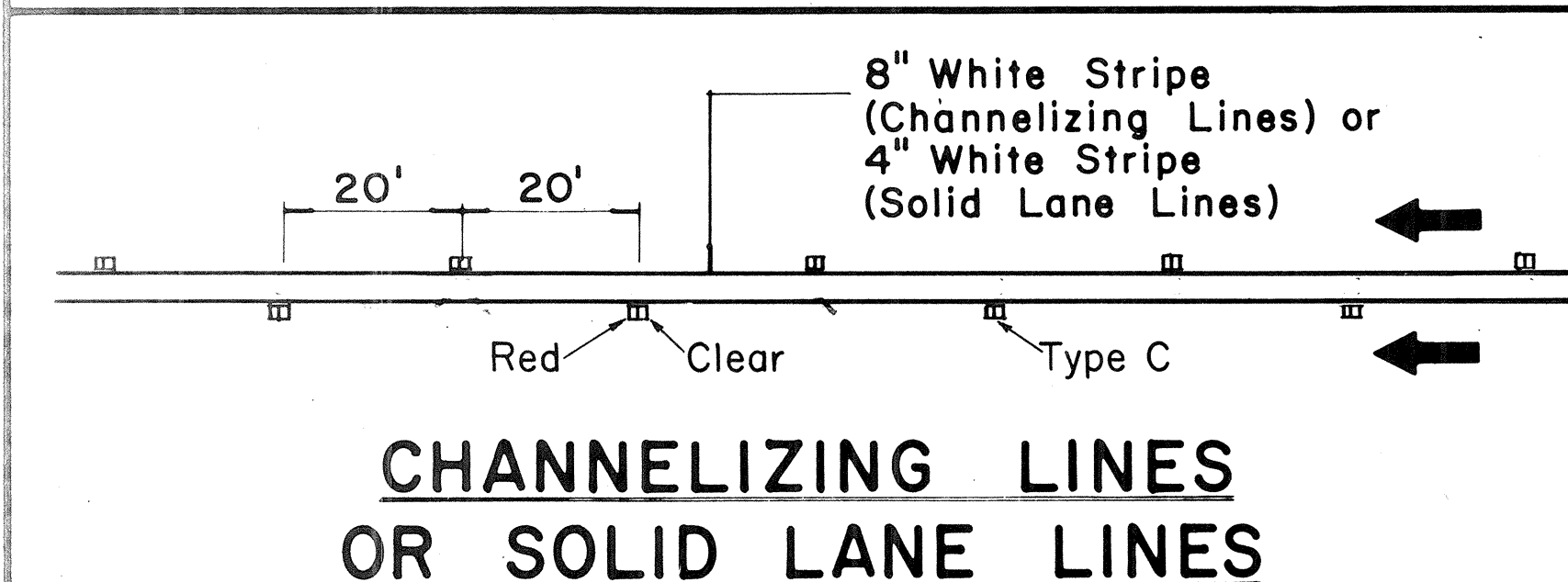
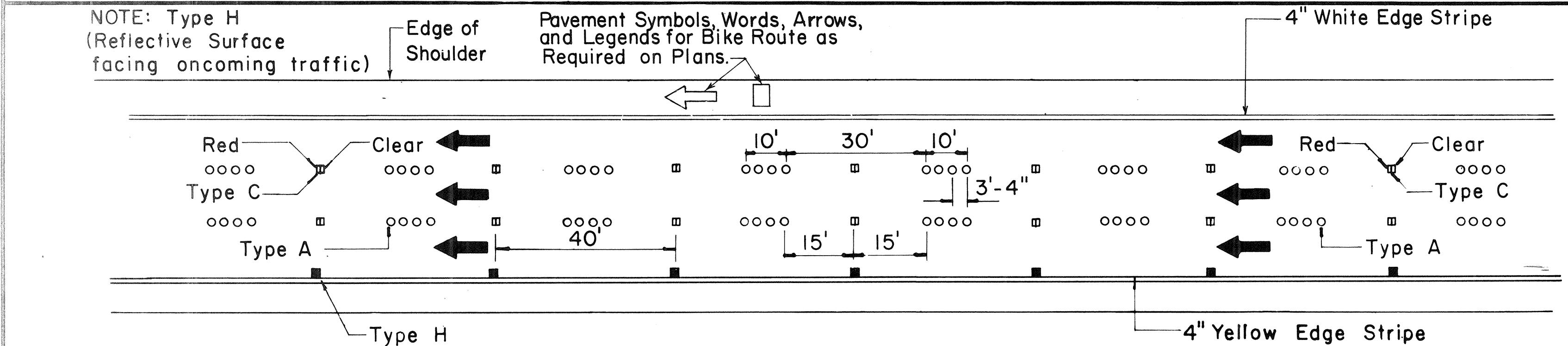
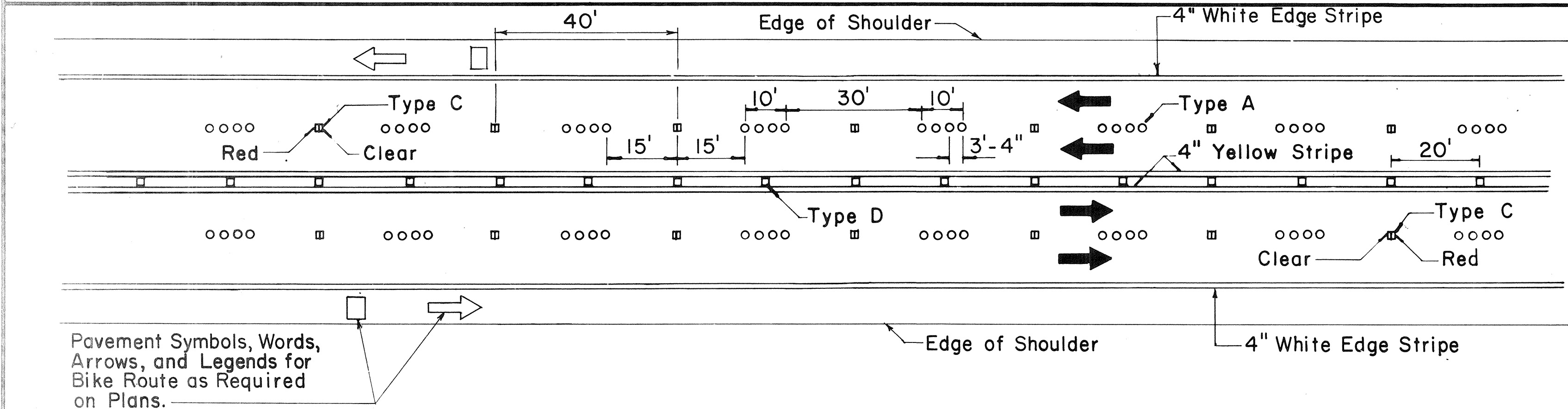
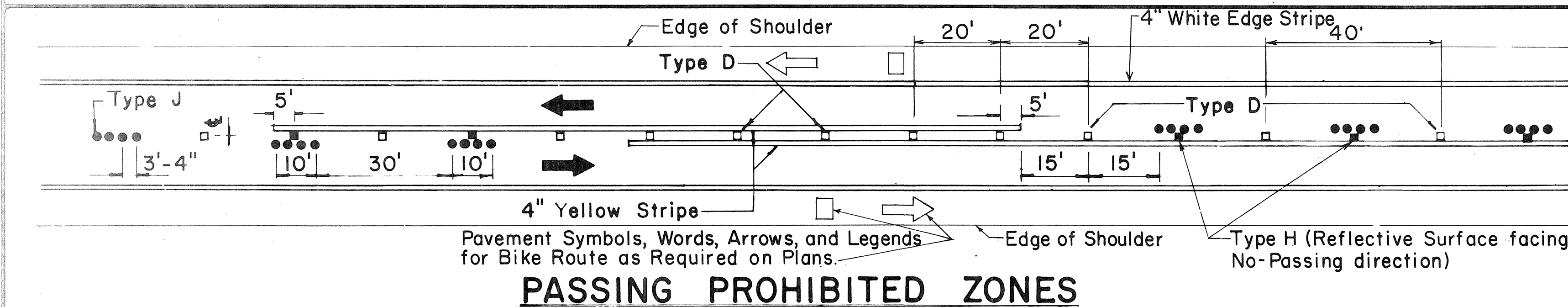
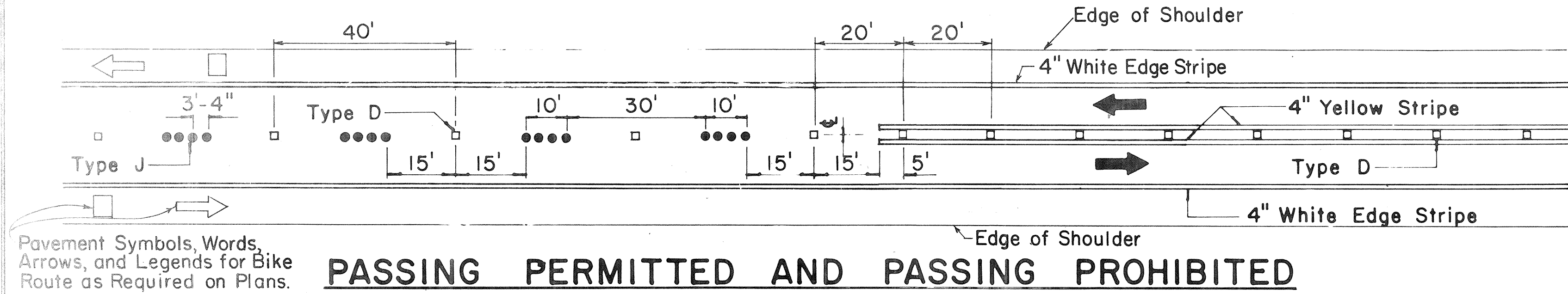
### STANDARD DETAILS CONSTRUCTION SIGNS

NOT TO SCALE

SHEET No. 3 OF 4 SHEETS DT 104

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-86M	1986	9	9

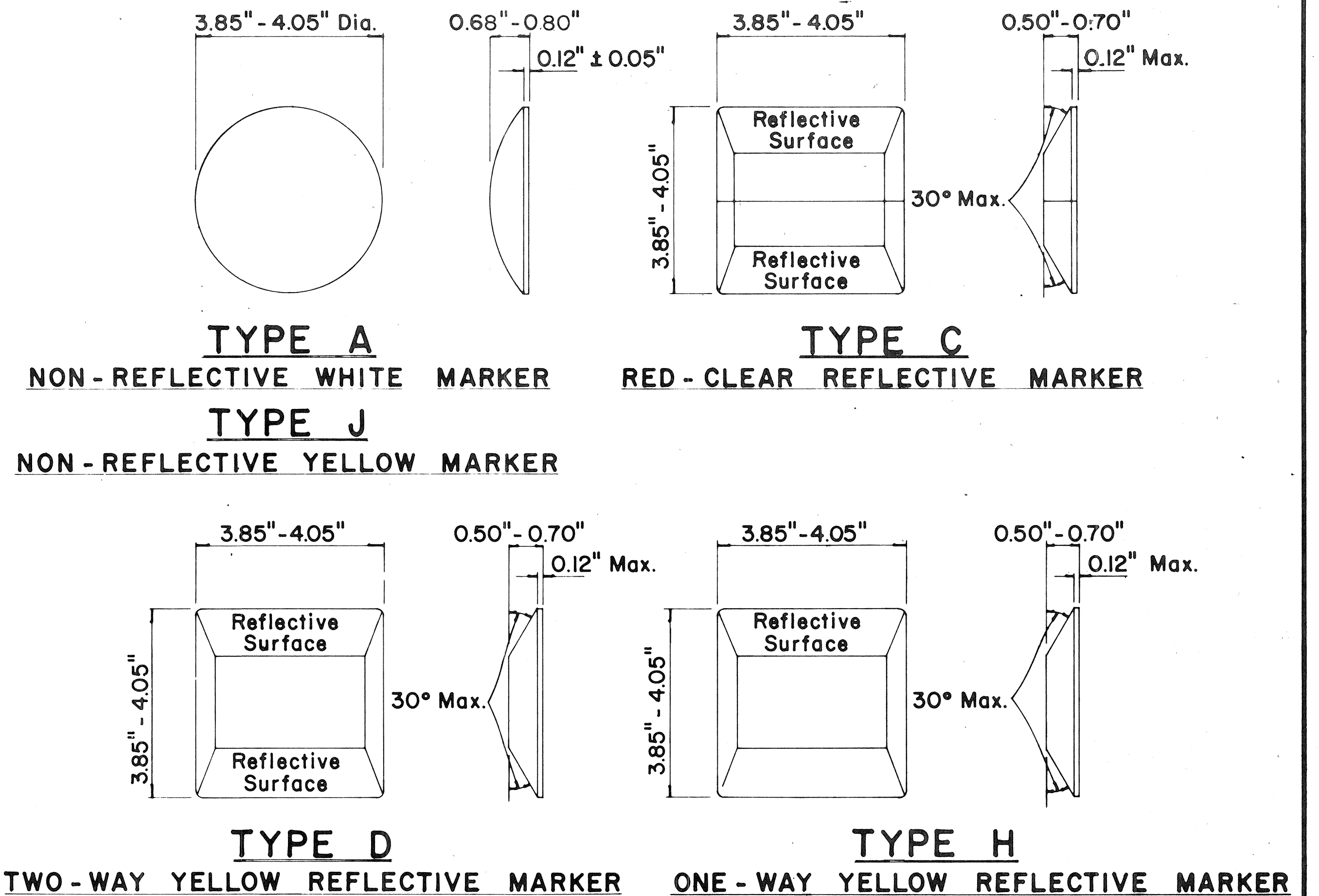


TWO - LANE

MULTI - LANE

DIVIDED HIGHWAY AND FREEWAY

MISCELLANEOUS



### GENERAL NOTES

- Pavement marking and striping shall conform to the latest "Manual on Uniform Traffic Control Devices for Streets and Highways," and as amended.
- Layout and installation of pavement marking and striping shall be done by the Contractor. The Contractor shall check the layouts with the Engineer prior to performing work.
- Edge lines shall not be continued through intersections and shall not be broken for driveways unless otherwise shown or directed.

### LEGEND

- Type A
- Type C
- Type D
- Type H
- Type J

APPROVAL RECOMMENDED:

*Eiichi Tanaka* 7/21/78  
TRAFFIC ENGINEER DATE

APPROVED:

*Herbert S. DeKish* 1/24/78  
ASSISTANT CHIEF, ENGINEERING DATE

No.	REVISION	APPROVED BY	DATE
1	Supersedes DT 300 approved 11/18/71.	H.T.	1/24/78
2	Delete Type A Markers from Bike Route Delineation.	H.T.	10/15/79
3	Added General Note 3. Revised left edge stripe.	H.T.	9-28-83
4	Revised Channelizing Lines or Solid Lane Lines.	E.T.	9/18/85

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**STANDARD DETAILS**  
**RAISED PAVEMENT MARKERS**  
**AND STRIPING**

Not to Scale July 1978  
SHEET No. 4 OF 4 SHEETS DT 300