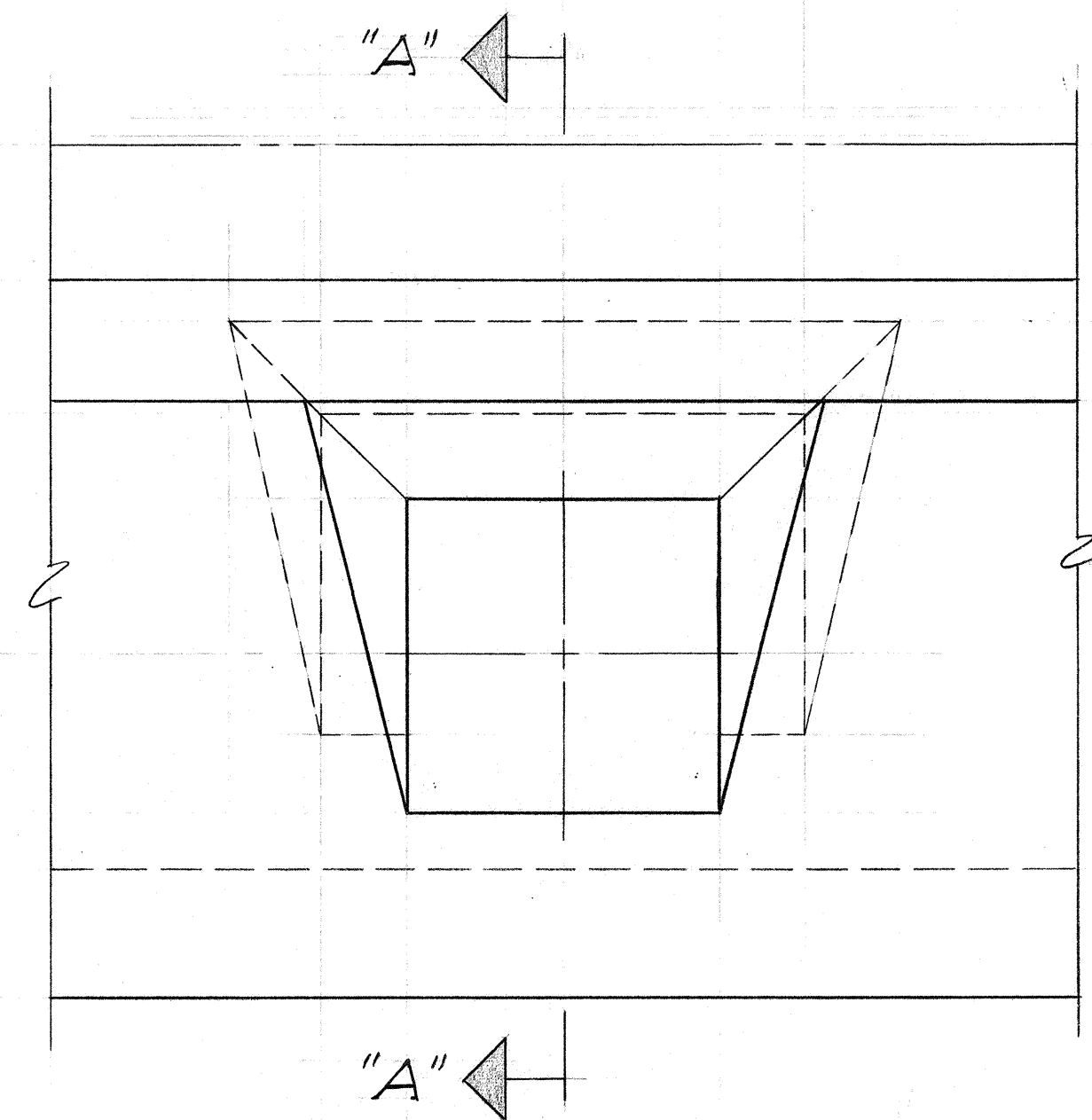
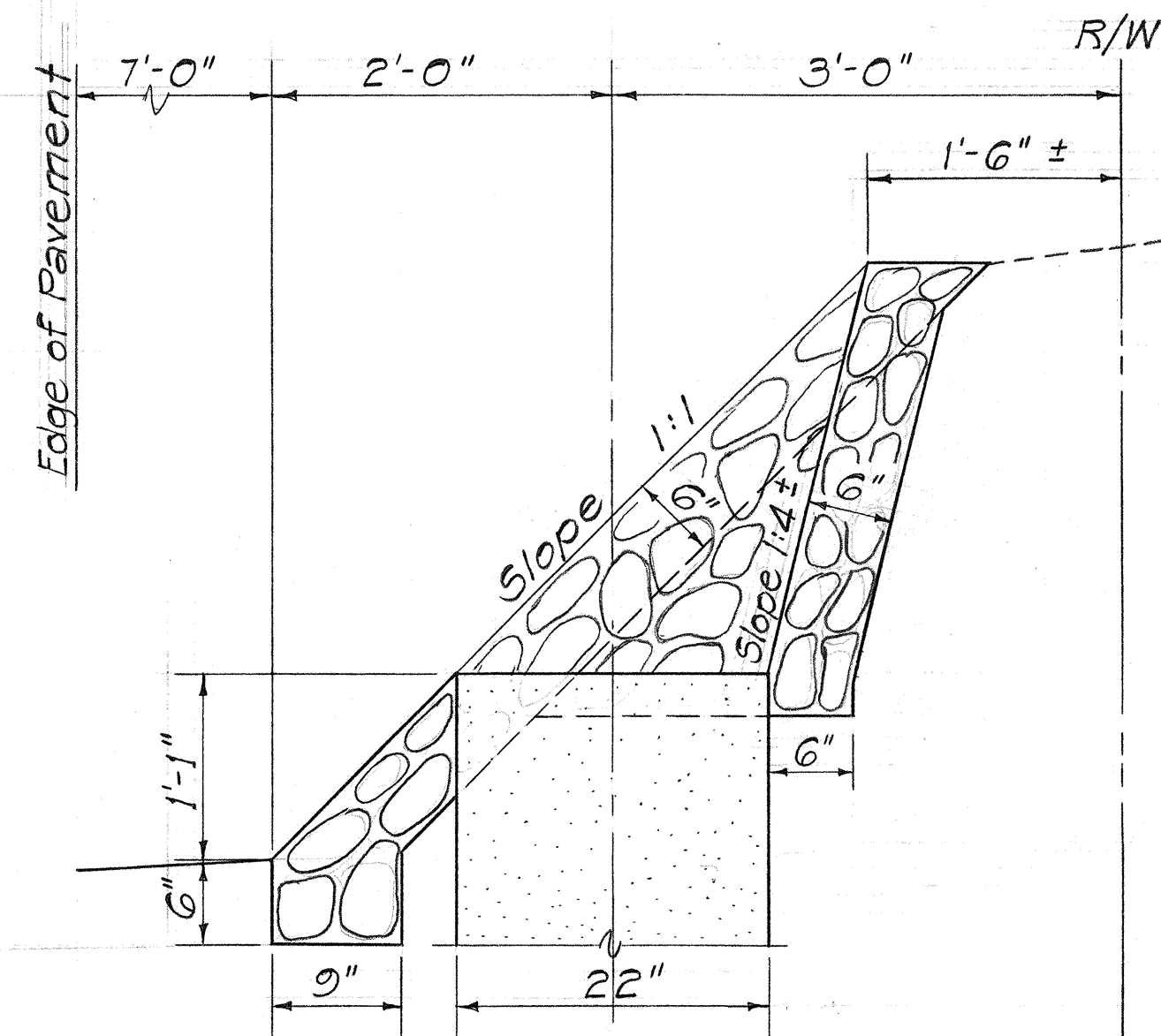


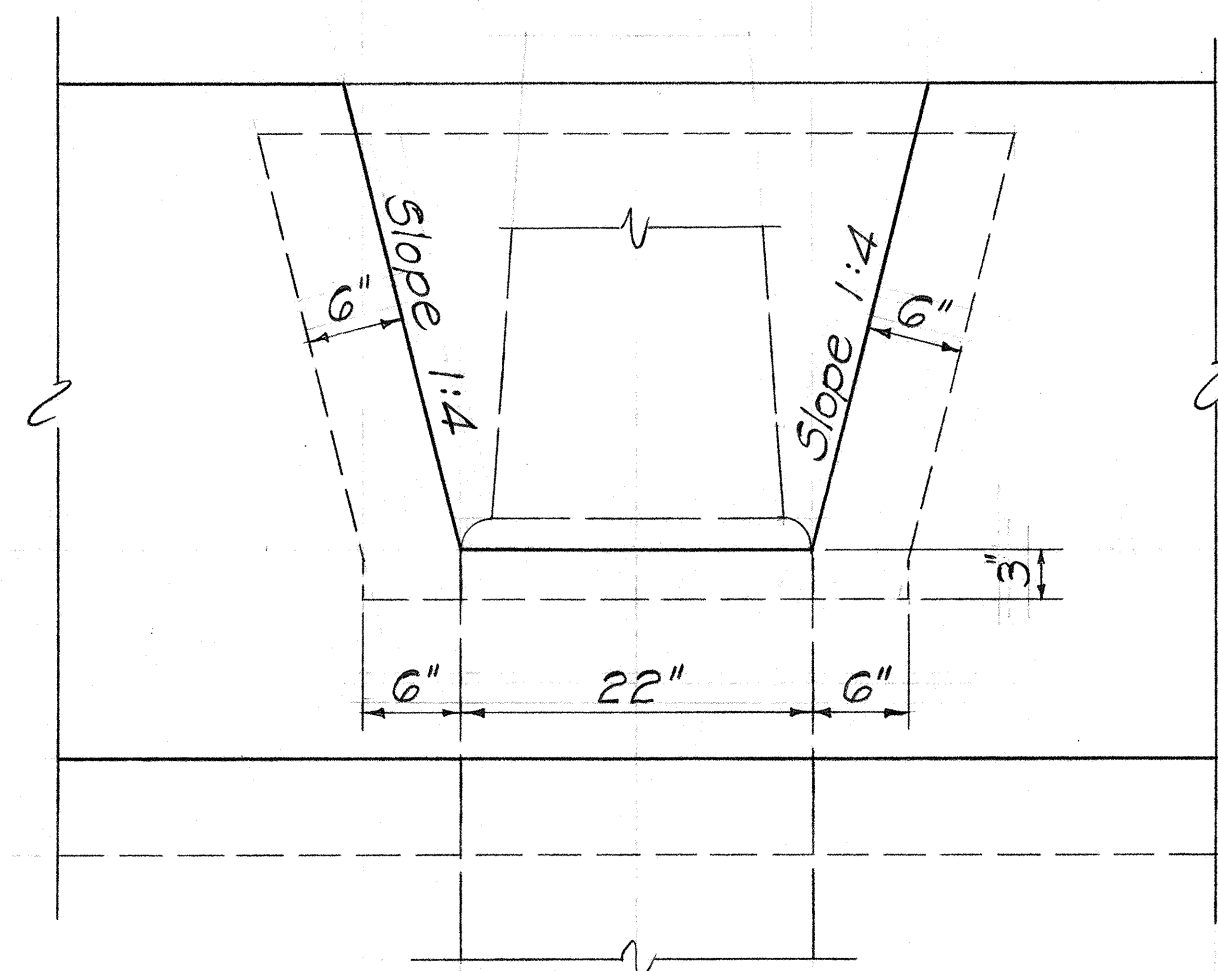
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-68	1968	17	31



PLAN



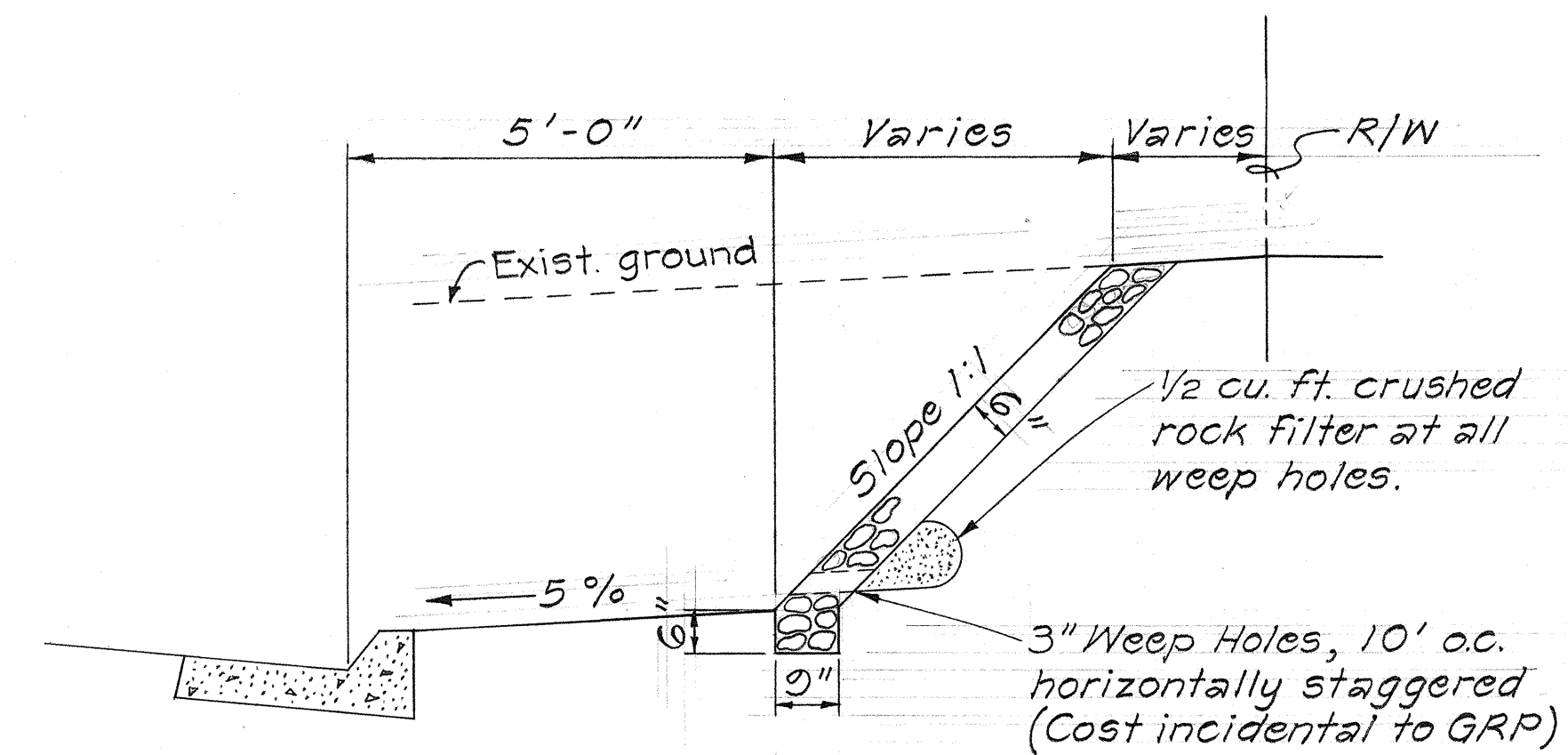
SECTION "A"-A"



ELEVATION

DETAIL OF BENCH IN GRP WALL
FOR LIGHT STANDARD FOOTING
Scale: 1"=1'-0"

NOTE:
Payment for bench in Grouted Rubble Paving shall be paid for in accordance with the provisions of Section 65.01, "Grouted Rubble Paving" and not as footing for Light Standard.

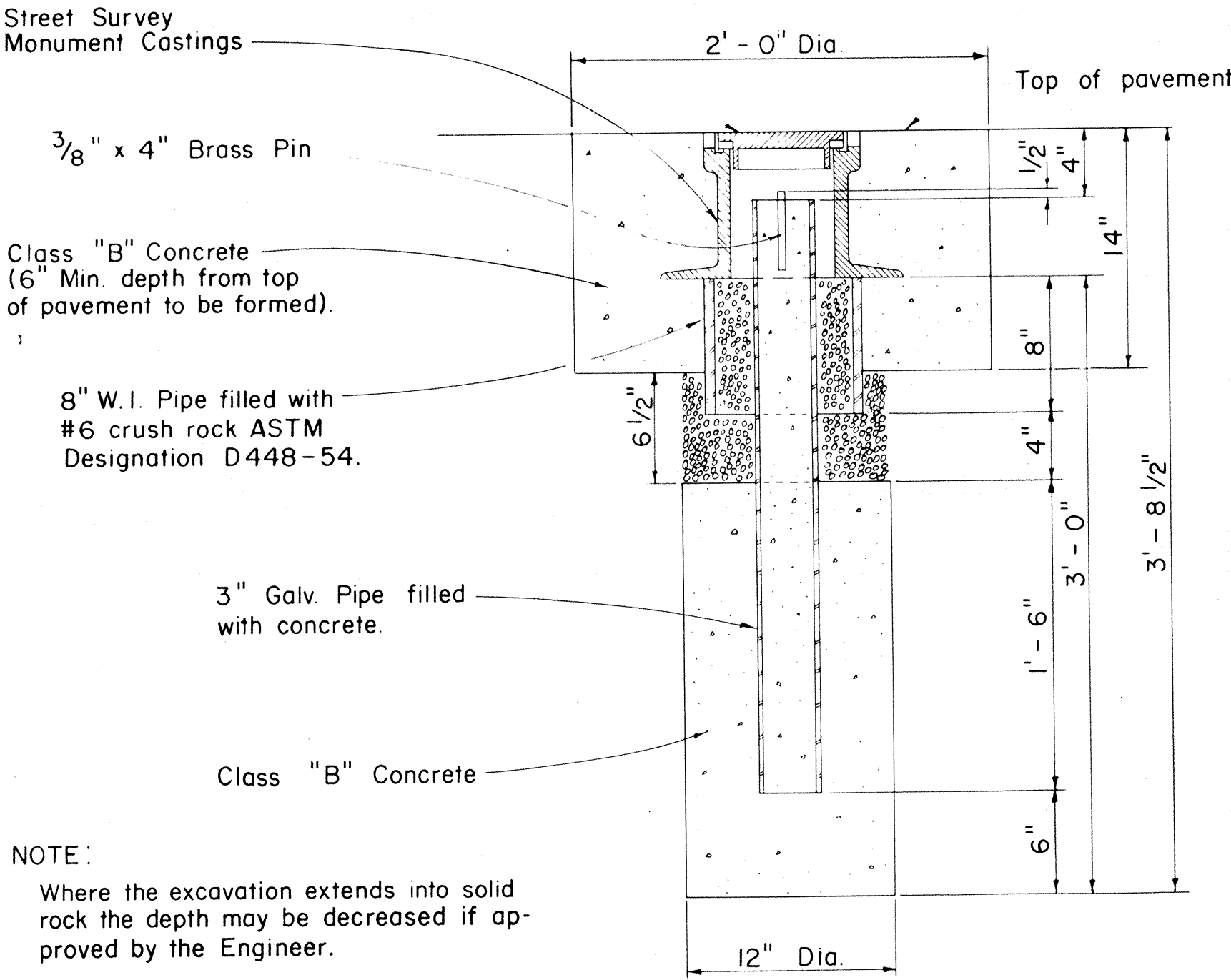


TYPICAL GRP SECTION
Scale: 1/2"=1'-0"

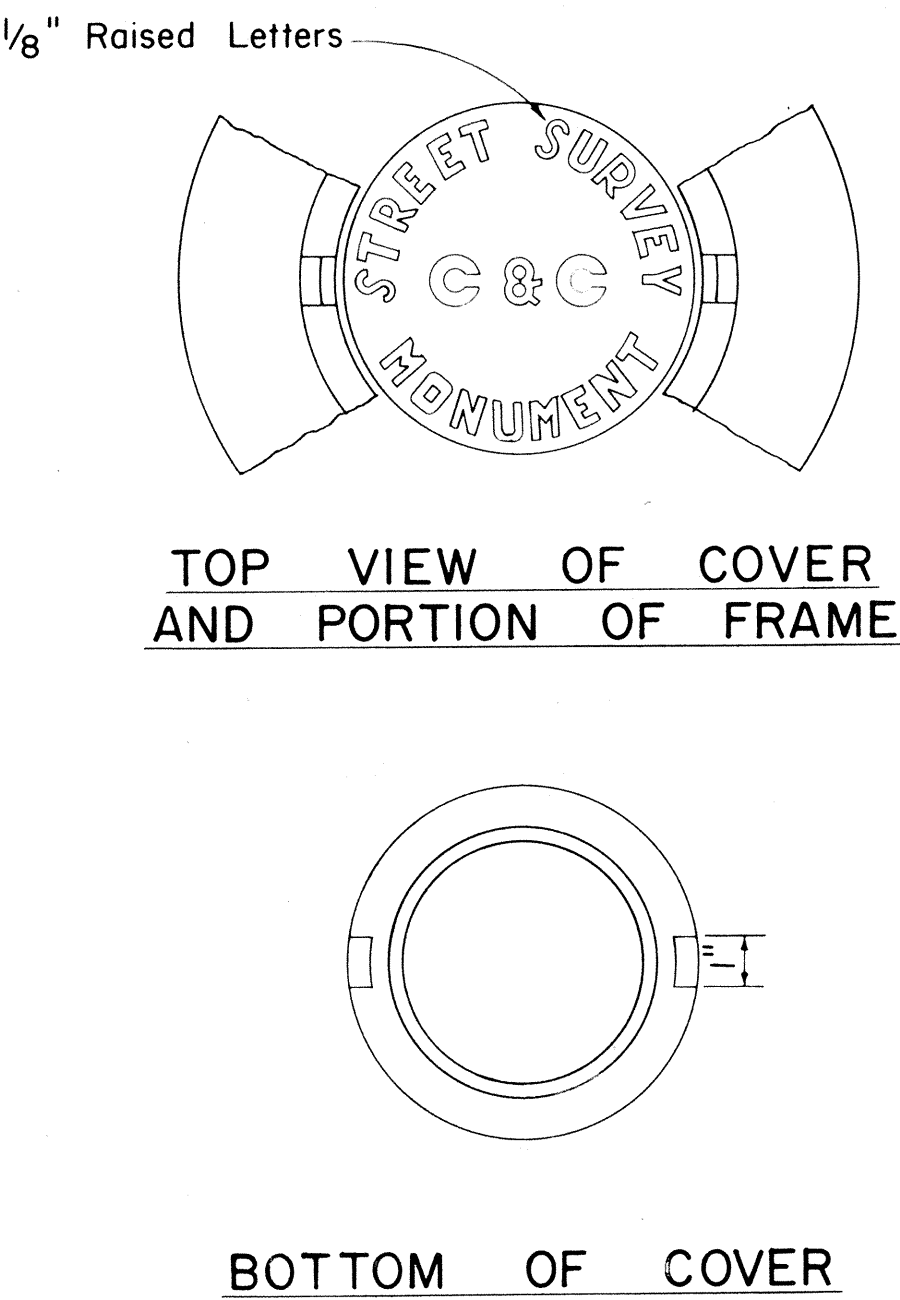
DATE	____
DESIGNED BY	____
TRACED BY	____
DESIGNED BY	____
QUANTITIES BY	____
CHECKED BY	____
ORIGINAL PLAN	____
NOTE BOOK	____
No.	____

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
DETAILS FOR GROUTED RUBBLE PAVING Proj. No. 63A-02-68	
Scale: As Shown	Date: _____
SHEET No. 1 OF 13 SHEETS	

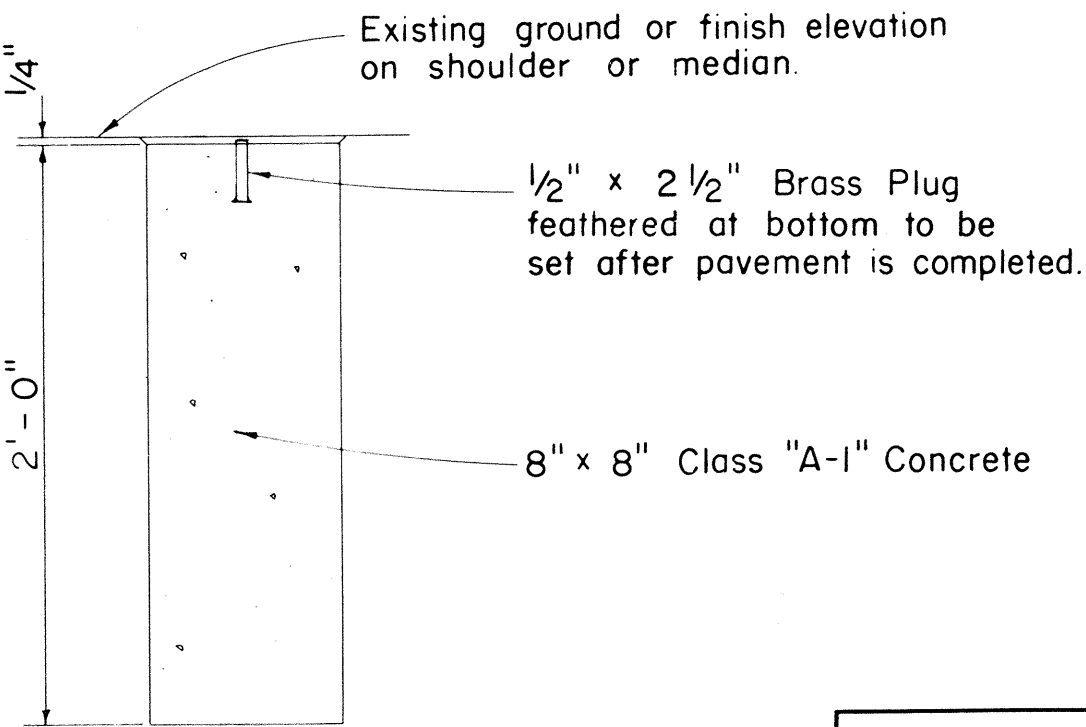
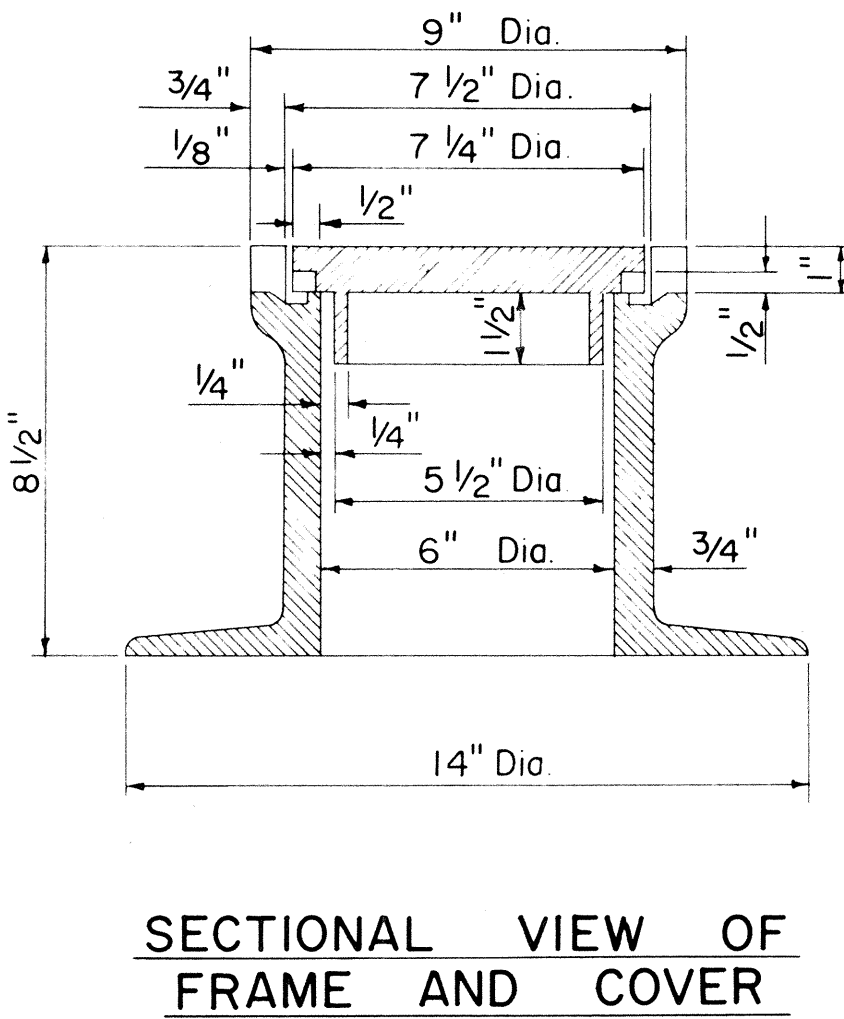
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	63A-02-68	1968	18	31



STREET SURVEY MONUMENT
 Scale: 1/2" = 1' - 0"



STREET SURVEY MONUMENT CASTINGS
 Scale: 3" = 1' - 0"



DETAIL FOR SURVEY MONUMENT
 Scale: 1 1/2" = 1' - 0"

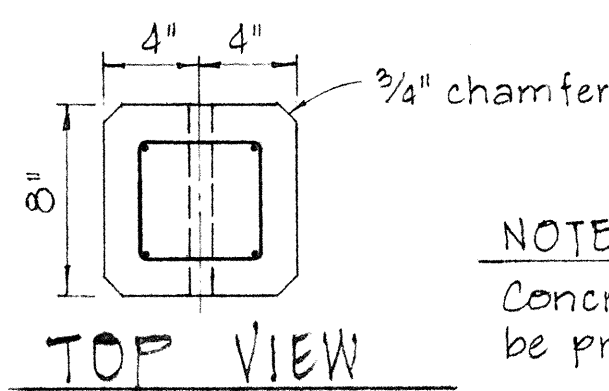
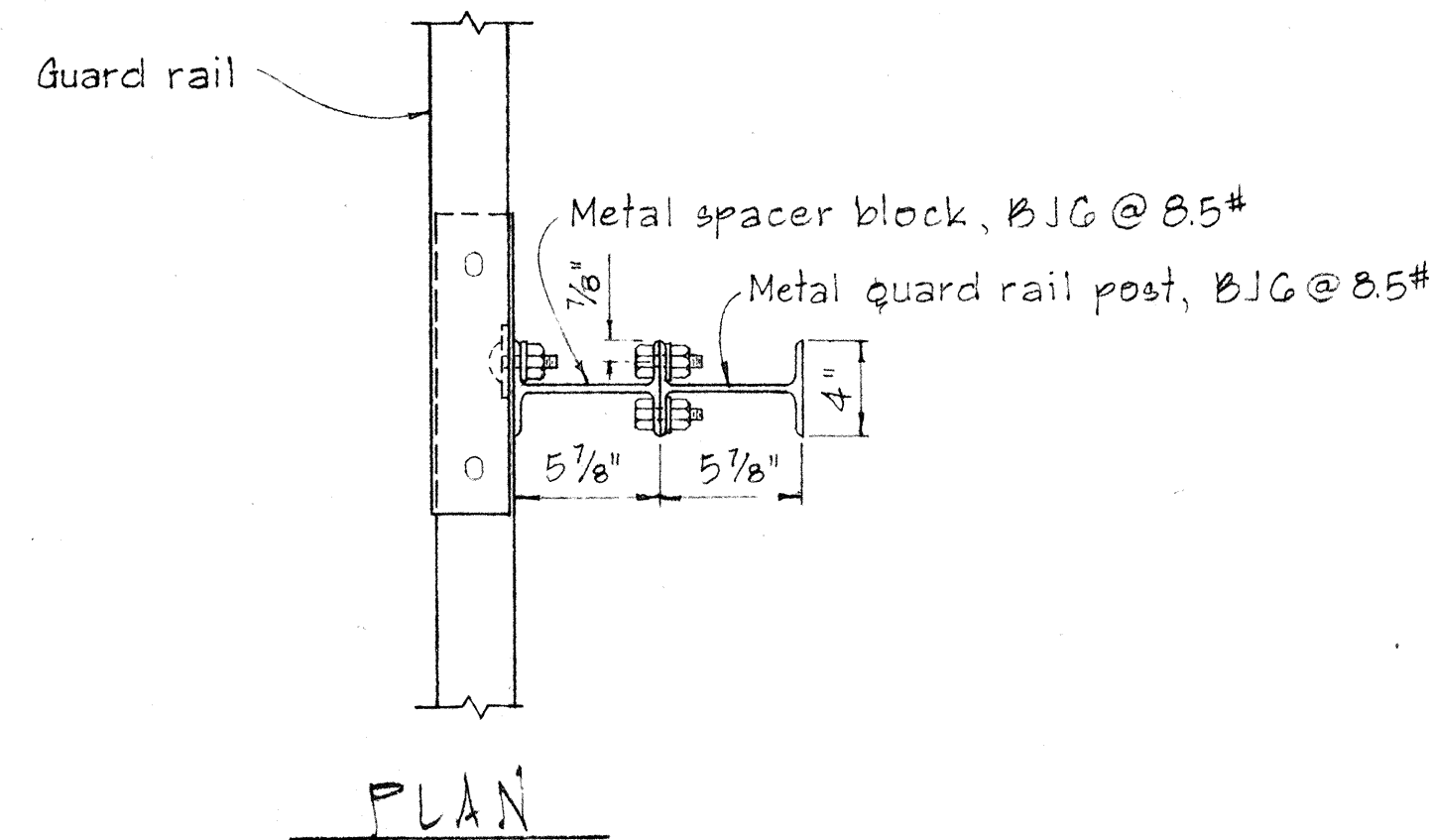
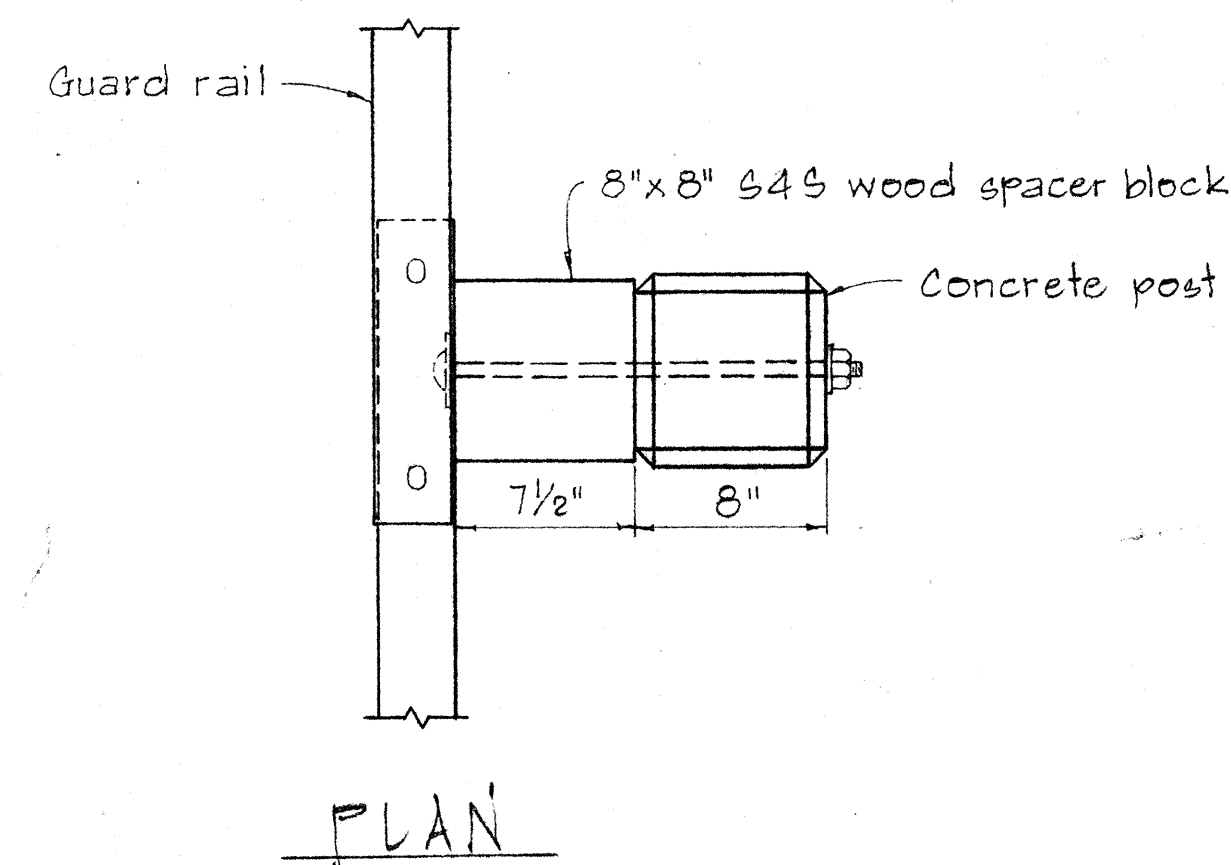
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

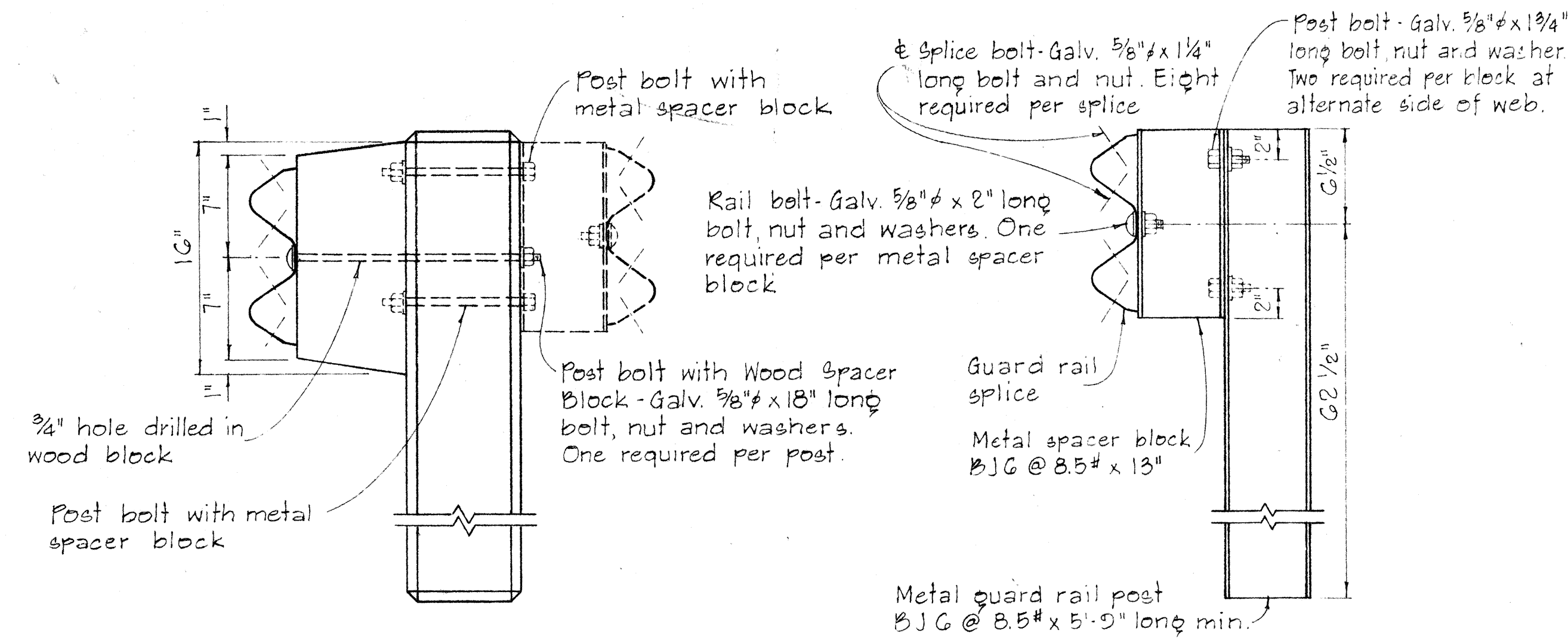
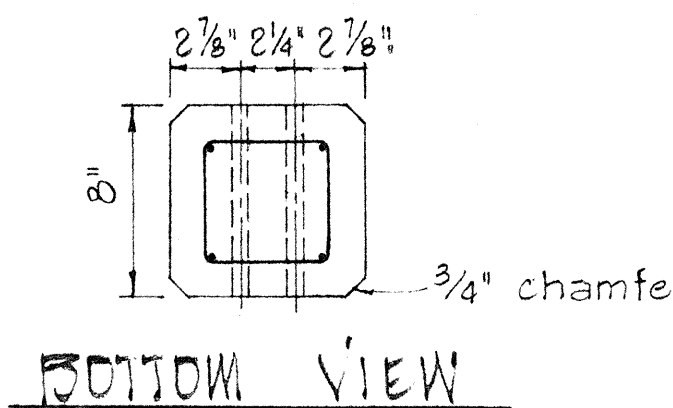
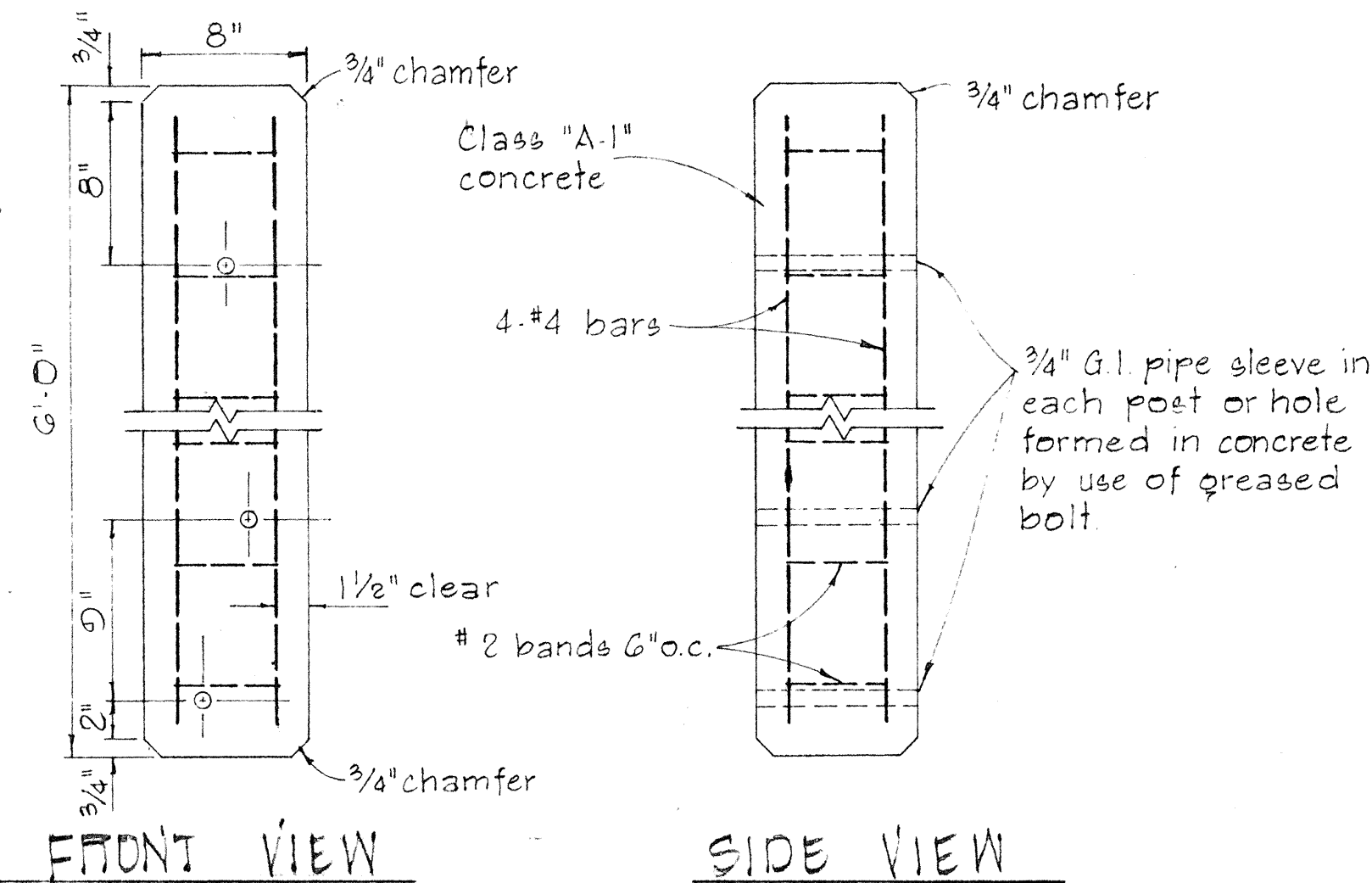
Scale: As Shown
Date: March 1969

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-68	1968	19	31

REVISED: 12-11-68
REVISED: 2-26-69

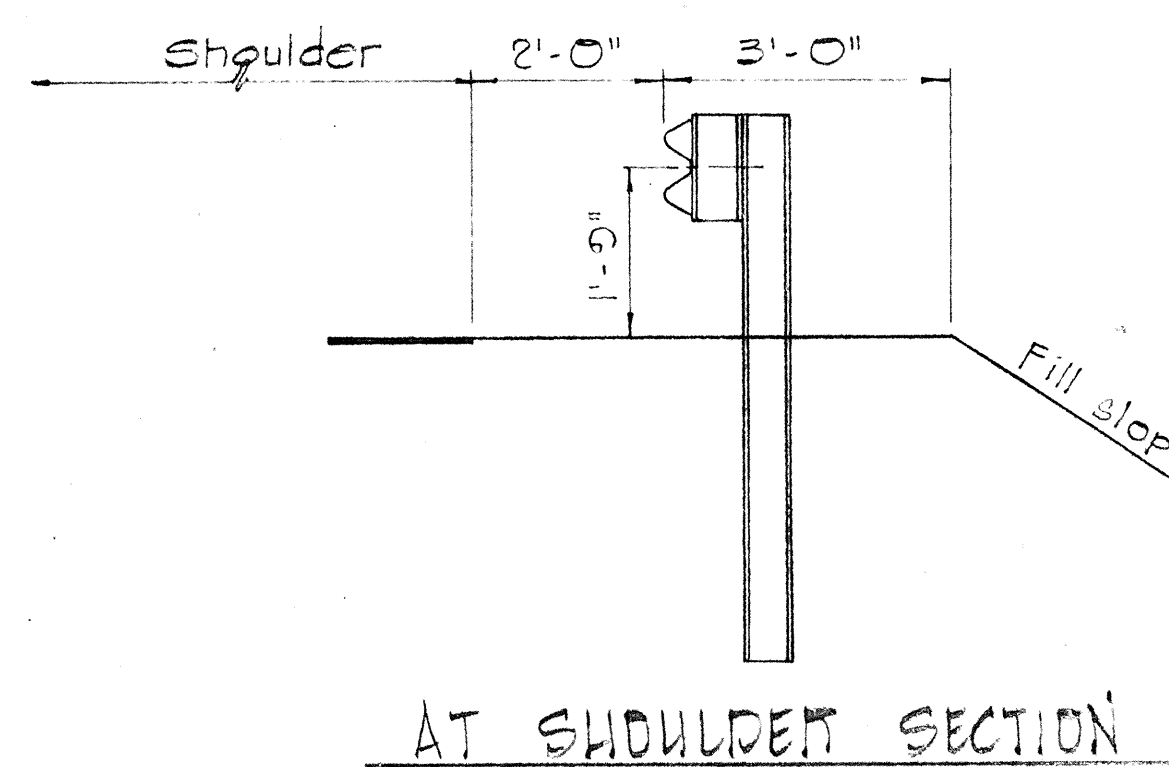
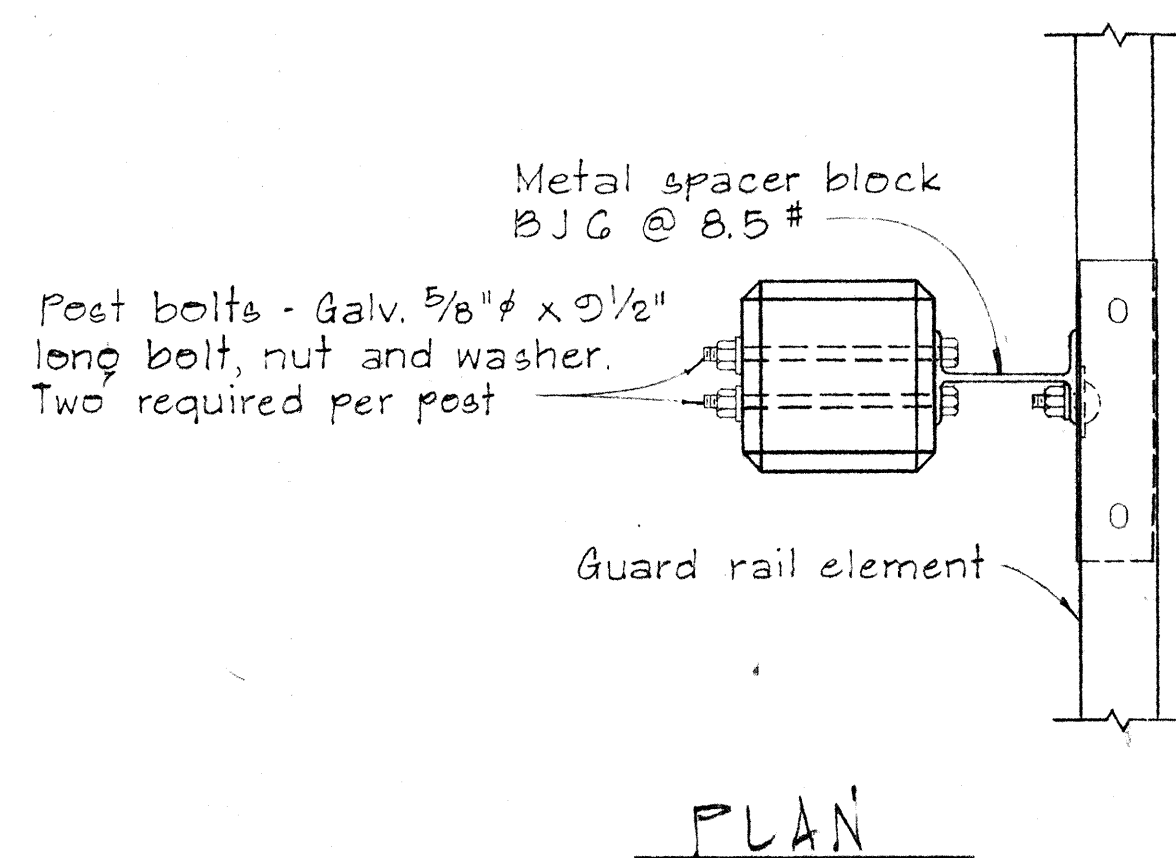


NOTE:
Concrete post shall be precast



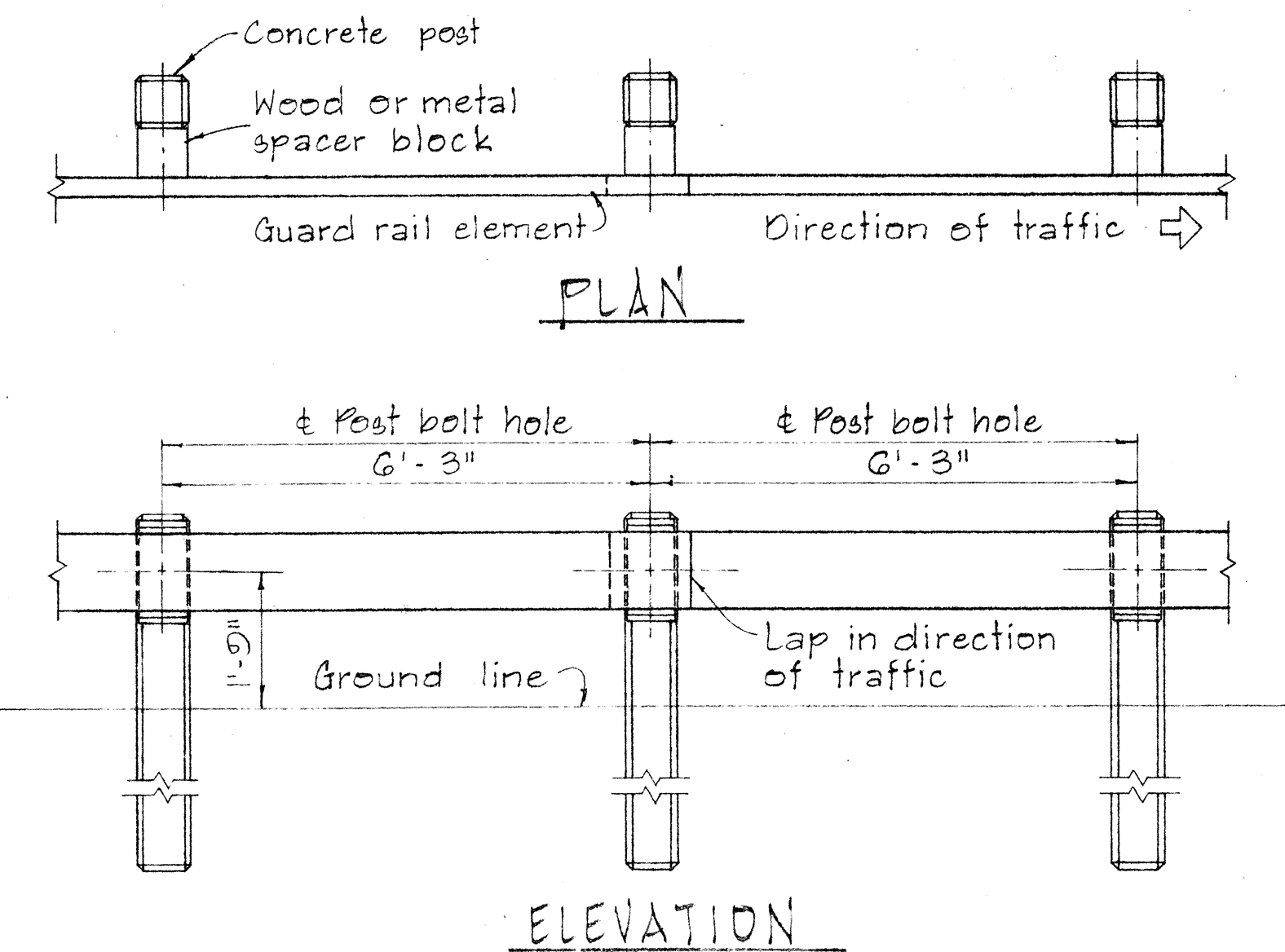
SINGLE METAL GUARD RAIL ON METAL POST
WITH METAL SPACER BLOCK
SCALE: 1 1/2" = 1'-0"

DETAIL OF CONCRETE POST
SCALE: 1 1/2" = 1'-0"

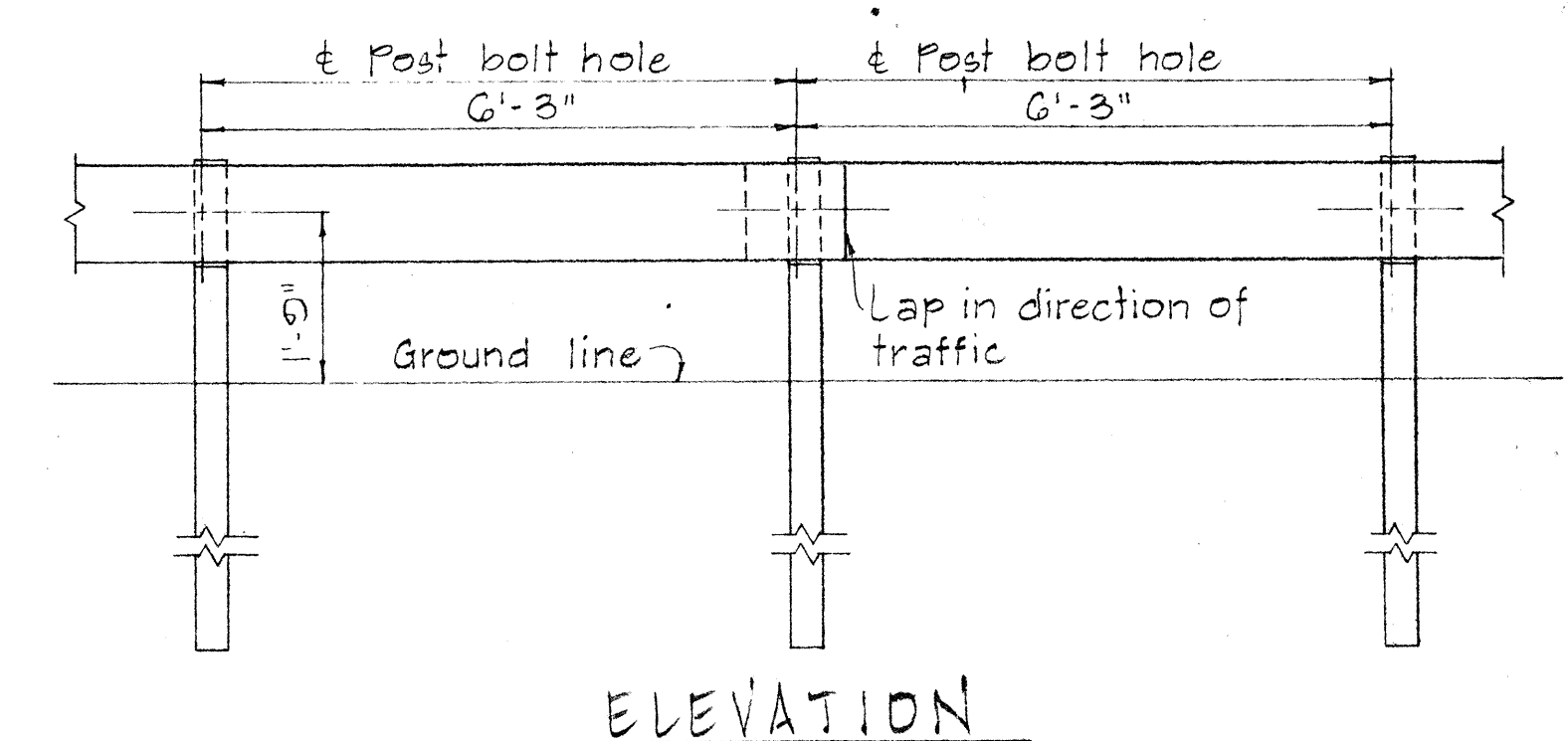


SINGLE METAL GUARD RAIL ON PRECAST
CONCRETE POST WITH WOOD OR METAL SPACER BLOCK
SCALE: 1 1/2" = 1'-0"

TYPICAL METAL GUARD RAIL DETAIL
SCALE: 1 1/2" = 1'-0"



METAL GUARD RAIL ON CONCRETE POST
WITH WOOD OR METAL SPACER BLOCK
SCALE: 1/2" = 1'-0"



METAL GUARD RAIL ON METAL POST
WITH METAL SPACER BLOCK
SCALE: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
METAL GUARD RAIL

SCALE: AS SHOWN NOV. 1968

SHEET No. 3 OF 13 SHEETS DT 500

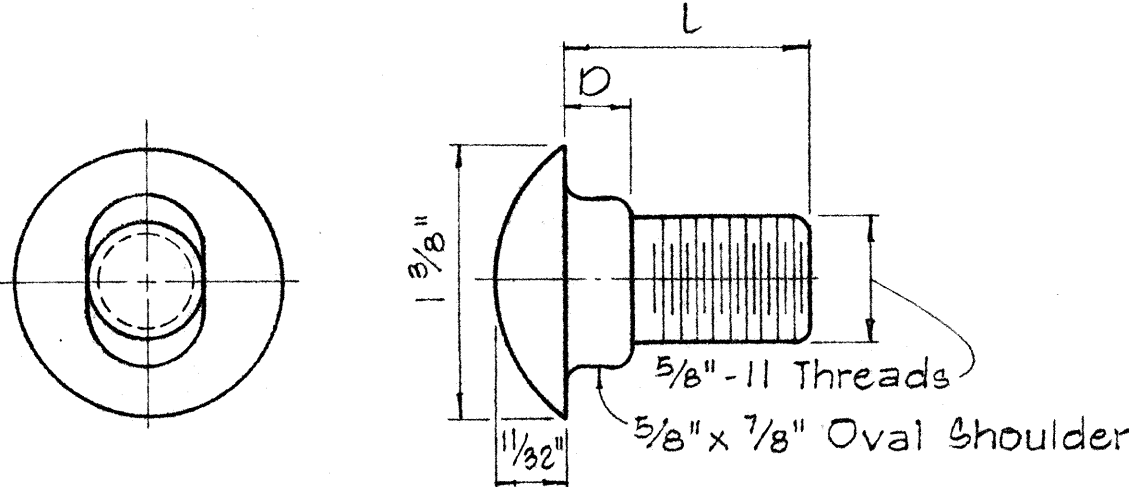
DATE	
SURVEY PLOTTED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-68	1968	20	31

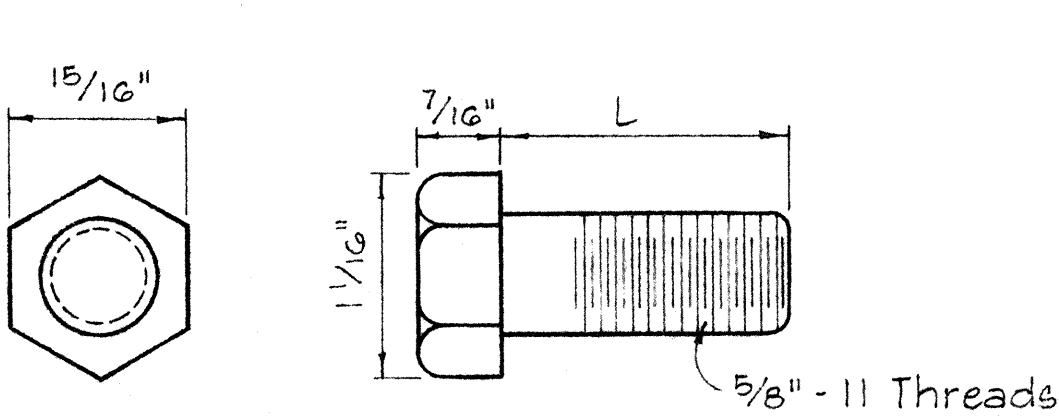
Revised: Dec. 11, 1968

BOLT DIMENSIONS		
TYPE A BOLT		
Splice Bolt	5/16"	1 1/4"
Post Bolt for Conc. Post w/ Double Wood Blocks	3/32"	24"
Post Bolt for Conc. Post w/ Single Wood Block	3/32"	18"
Rail Bolt for Metal Block	3/32"	2"

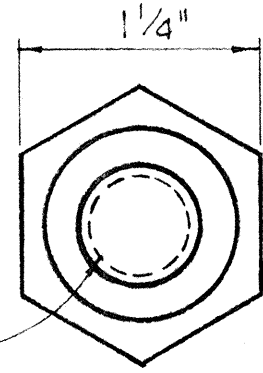
BOLT DIMENSIONS		
TYPE B BOLT		
Post Bolt for Conc. Post w/ Metal Blocks		5 1/2"
Post Bolt for Metal Post w/ Metal Block		1 3/4"



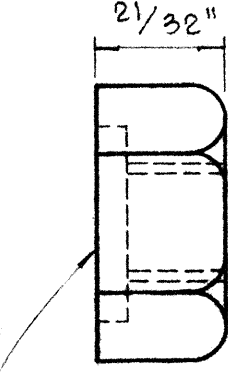
TYPE A BOLT



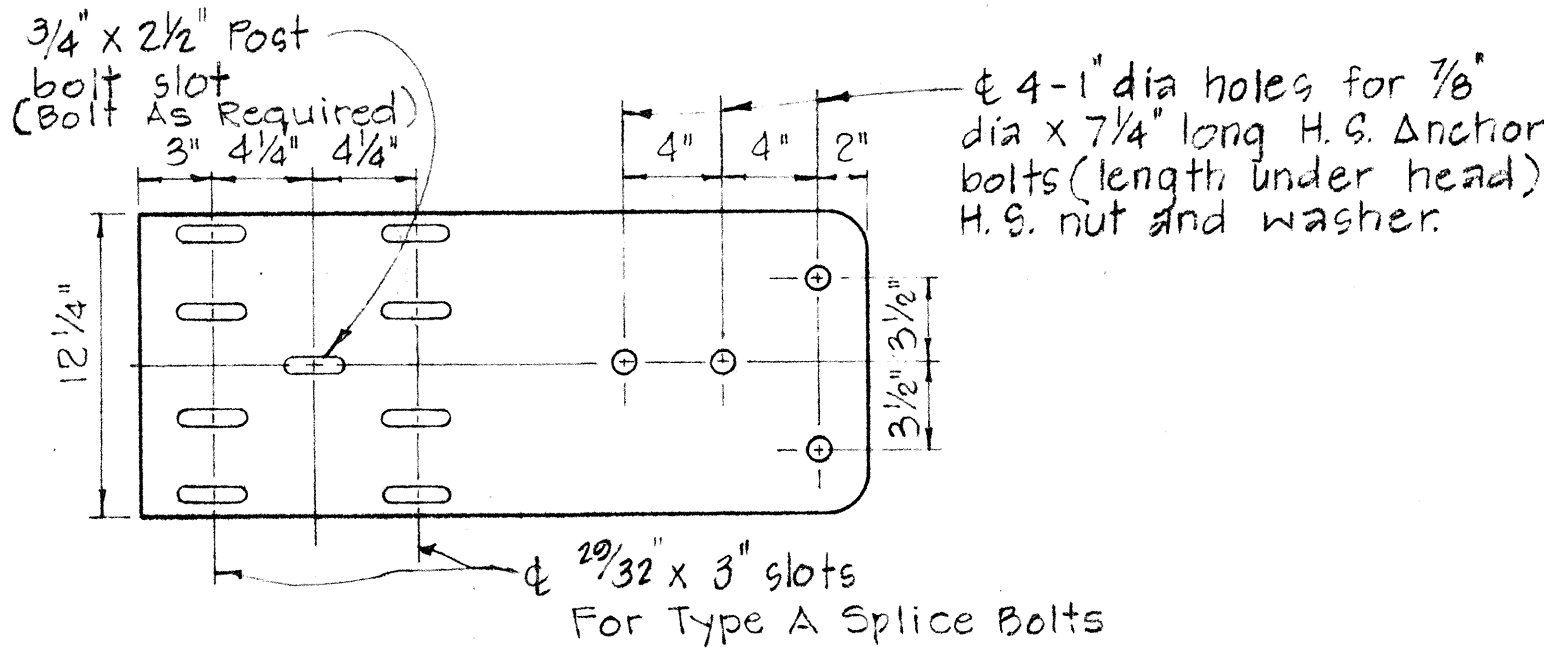
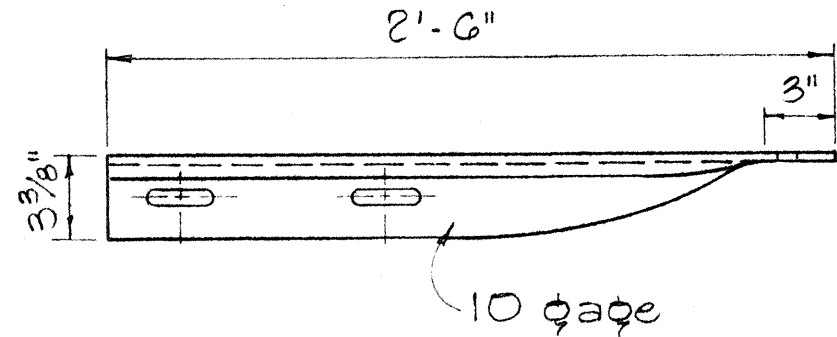
TYPE B BOLT



HEXAGON NUT

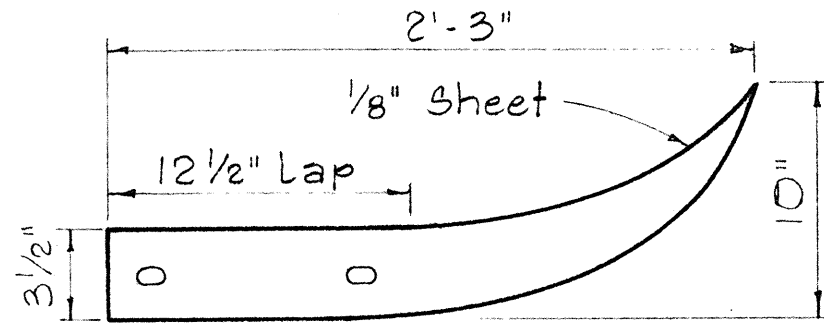


5/32" Deep x 1 5/16" Dia. C' Bore for Type A Bolt only. Plain nut for Type B Bolt.



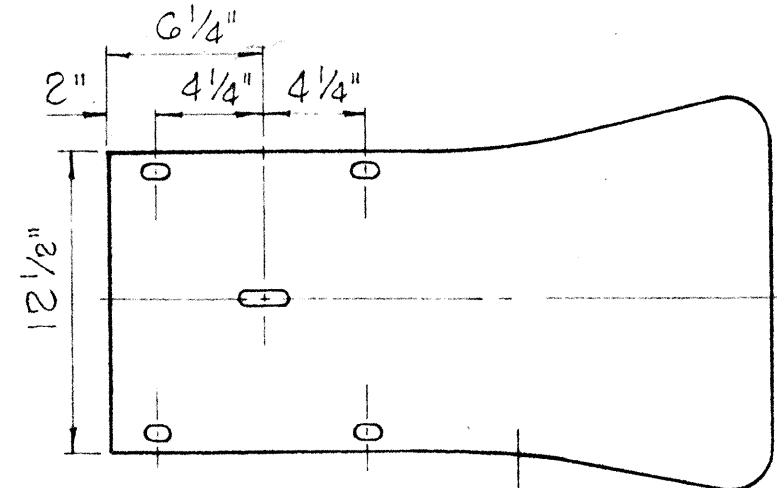
SPECIAL END SHOE

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

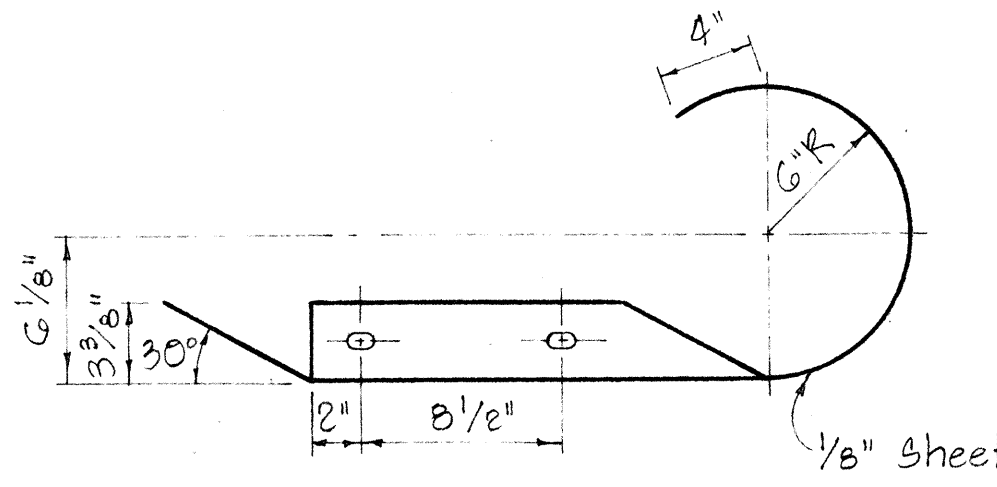


FLARED END

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

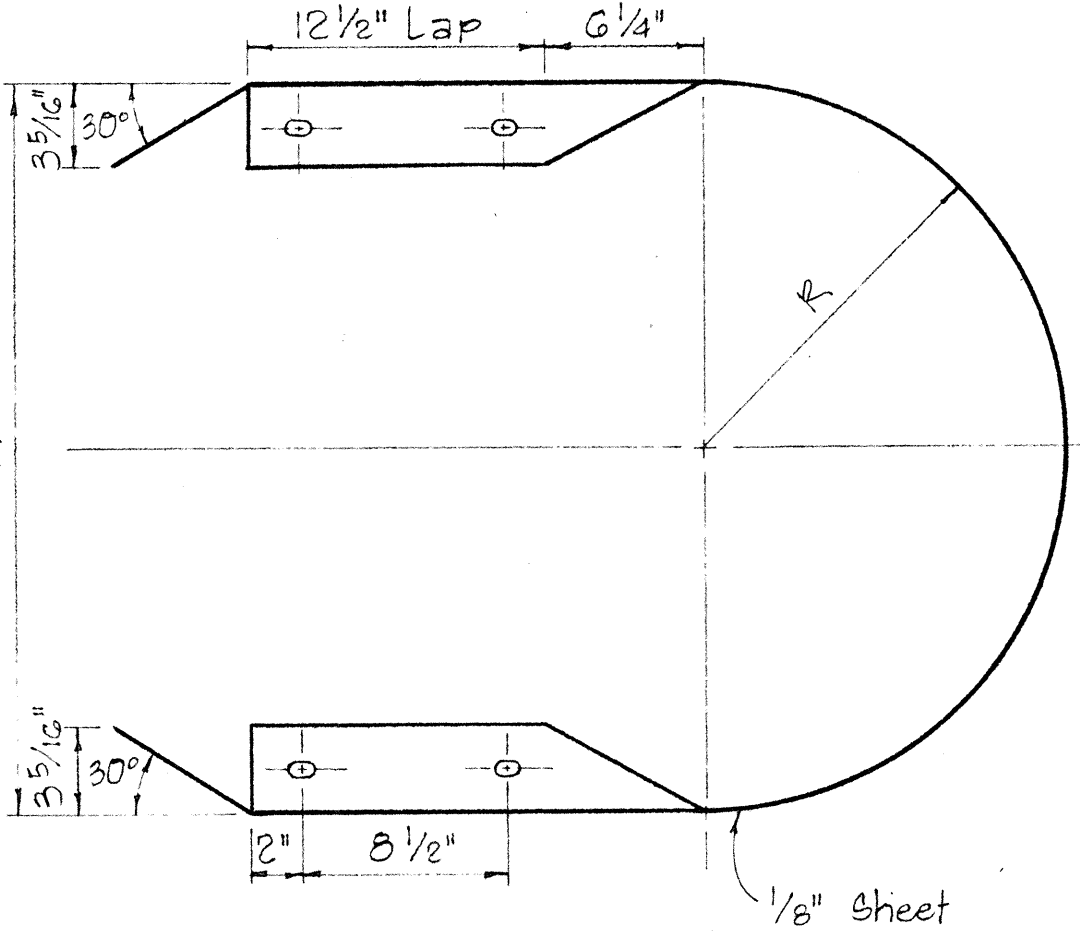
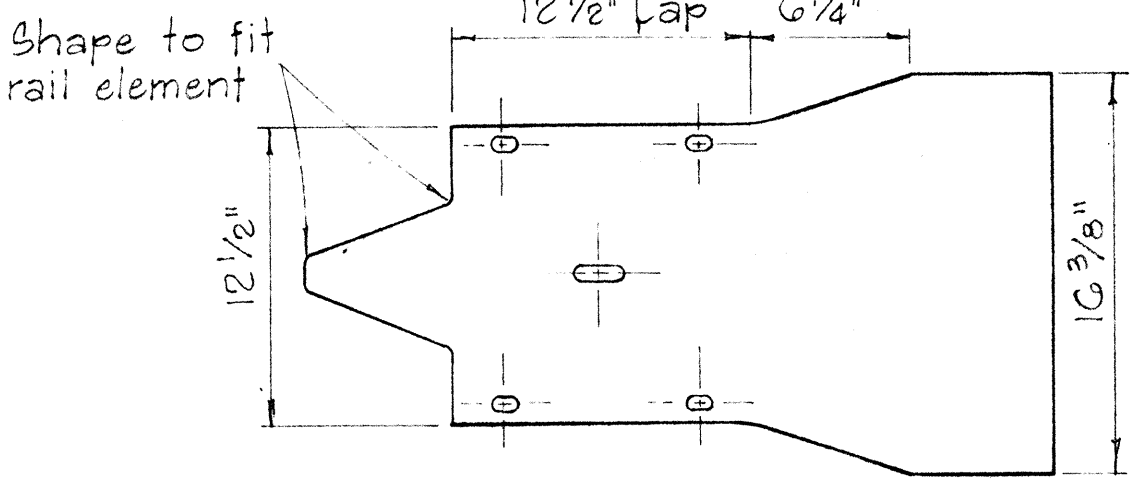


Same as rail element section



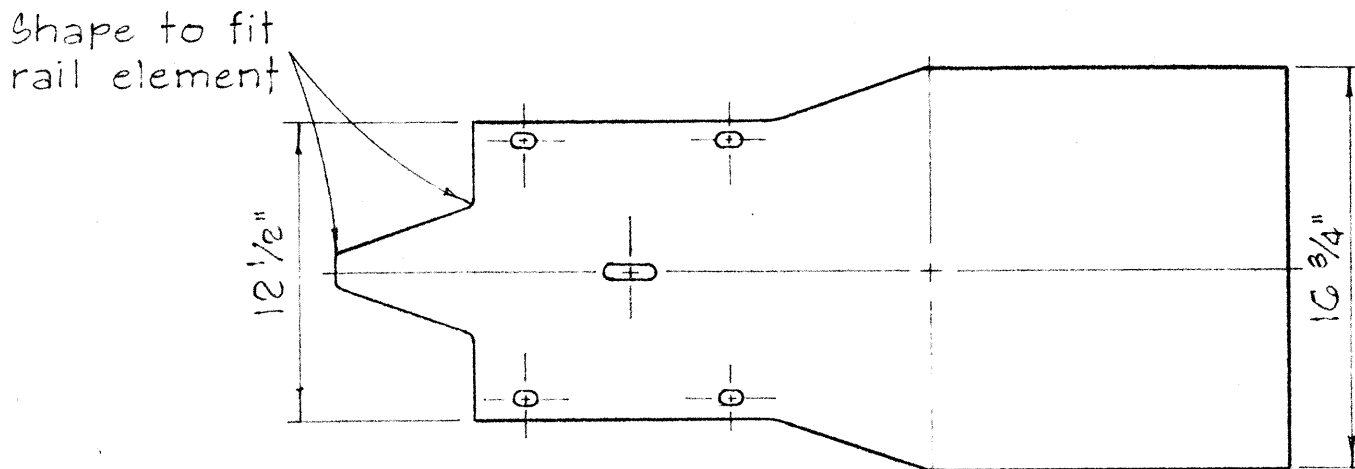
CURVED END

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	25 3/4"	14 1/8"
Double Metal Guard Rail on Concrete Post with Metal Blocks (BJG)	26 1/2"	13 1/4"
Double Metal Guard Rail on Metal Post with Metal Blocks (BJG)	24 3/8"	12 3/16"

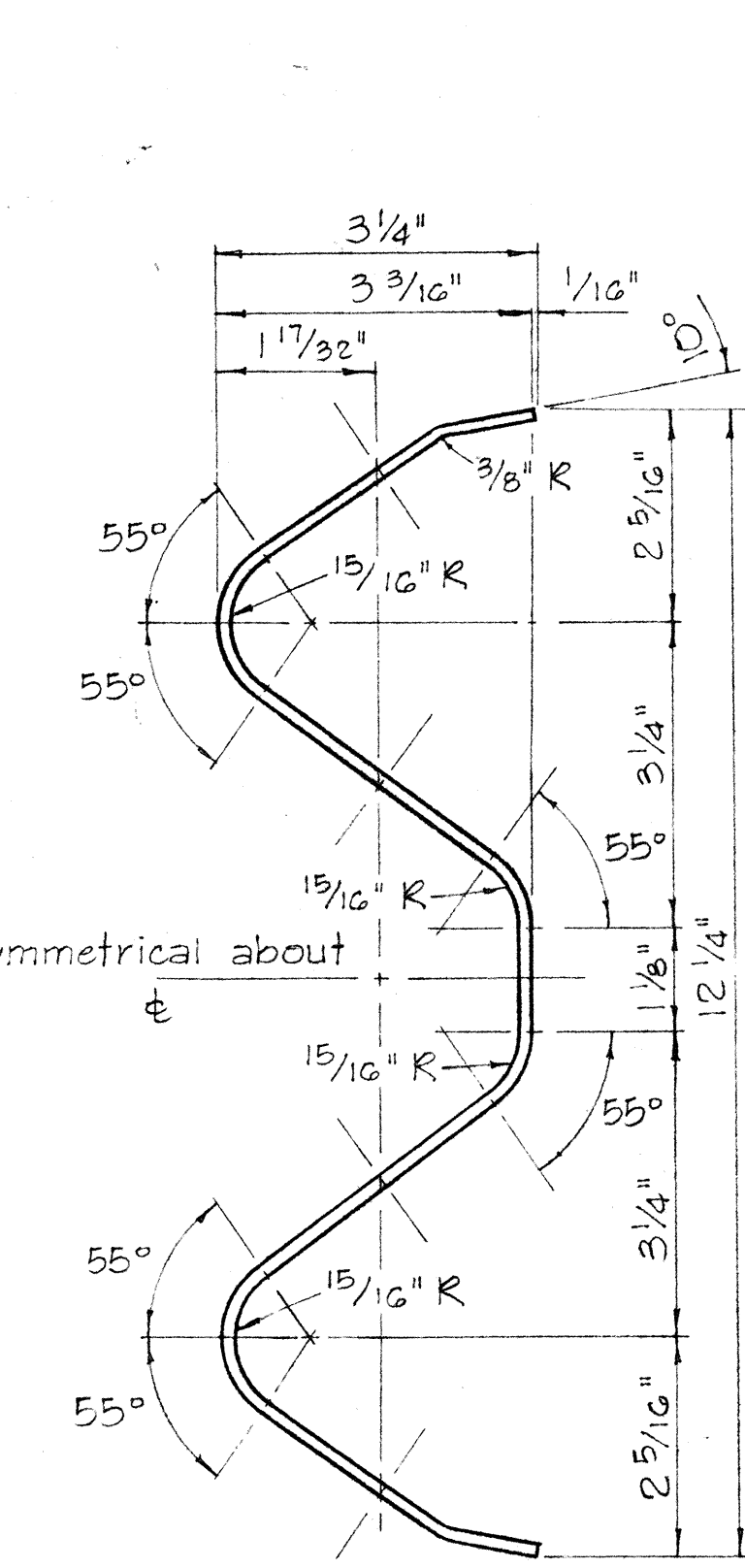
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
METAL GUARD RAIL

Scale: As Noted August, 1968

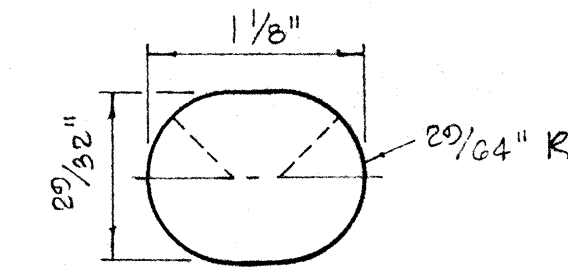
SHEET No. 4 OF 13 SHEETS DT 501

20



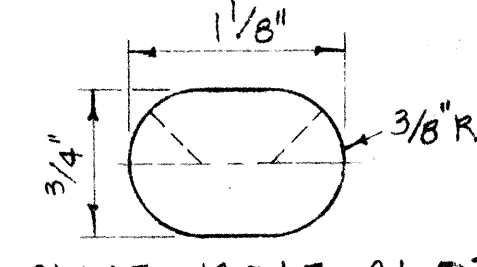
RAIL ELEMENT SECTION

Scale: 6" = 1'-0"

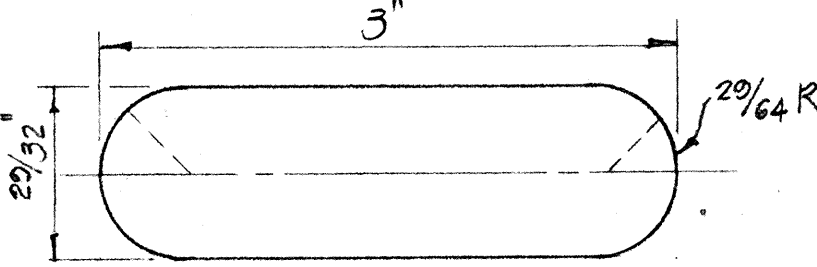


SPLICE BOLT SLOT

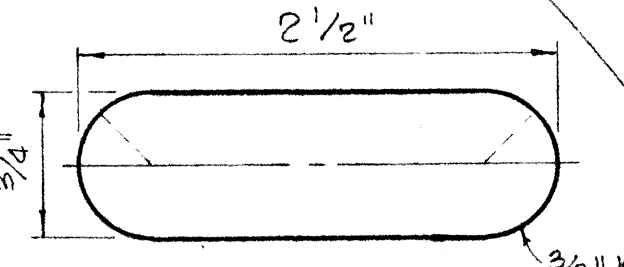
Scale: Full Size



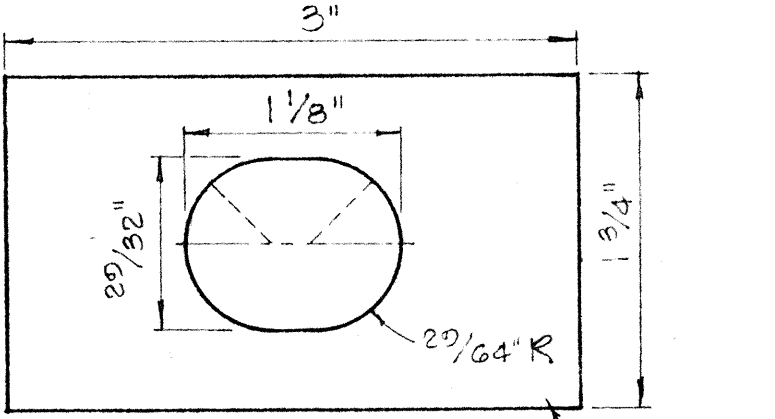
SPLICE BOLT SLOT
FOR ALL ENDS



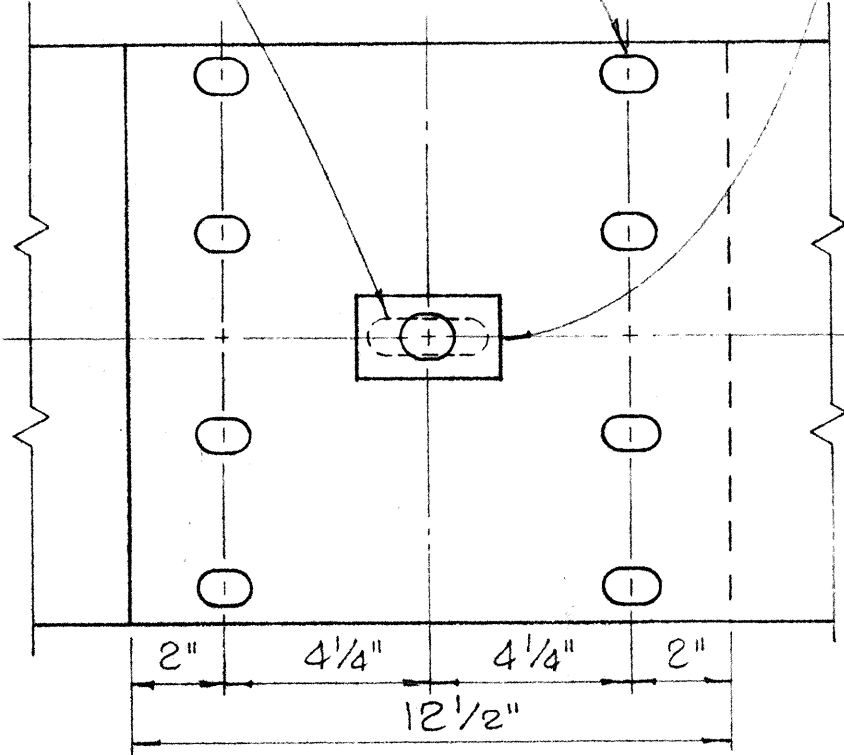
SPLICE BOLT SLOT
FOR SPECIAL END SHOE



POST BOLT SLOT



RAIL WASHER



RAIL SPLICE

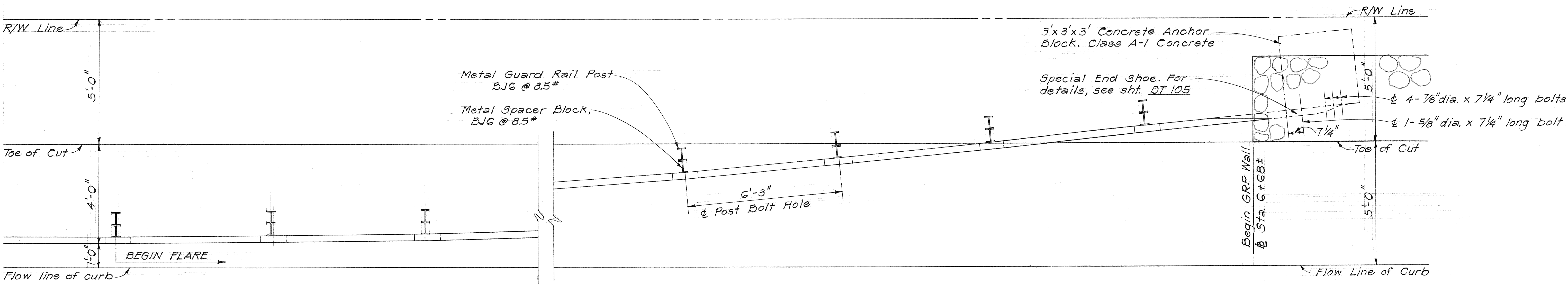
Scale: 3" = 1'-0"

NOTES:

1. H.S. Bolts shall conform to the requirements of ASTM A-325.
2. Special End Shoe shall be fabricated from 10 Gage steel conforming to the requirements of AASHO 180.

DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
TRACED BY	.....
NOTED BY	.....
CHECKED BY	.....
NO.	.....

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-68	1968	21	31

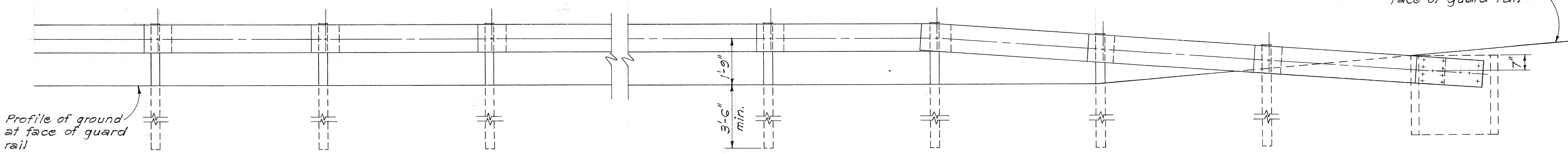


PLAN
Scale: 1/2" = 1'-0"

GUARD RAIL FLARE OFFSETS

X	12.5	25.0	37.5	50.0	62.5	75.0	87.5
Y	0.10	0.40	0.92	1.63	2.55	3.67	5.0

X = Distance from post at Sta. 5+79 ±
Y = Guard Rail flare offsets.



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

NOTE:

1. Concrete, excavation, and miscellaneous appurtenances necessary to anchor the guard rail ends shall be incidental to the metal guard rail.
2. Payment for grout rubble paving shall be payable as grout rubble paving.

ORIGINAL	DATE
PLAN	
DESIGNED BY	
NOTED BY	
CHECKED BY	
DATE	

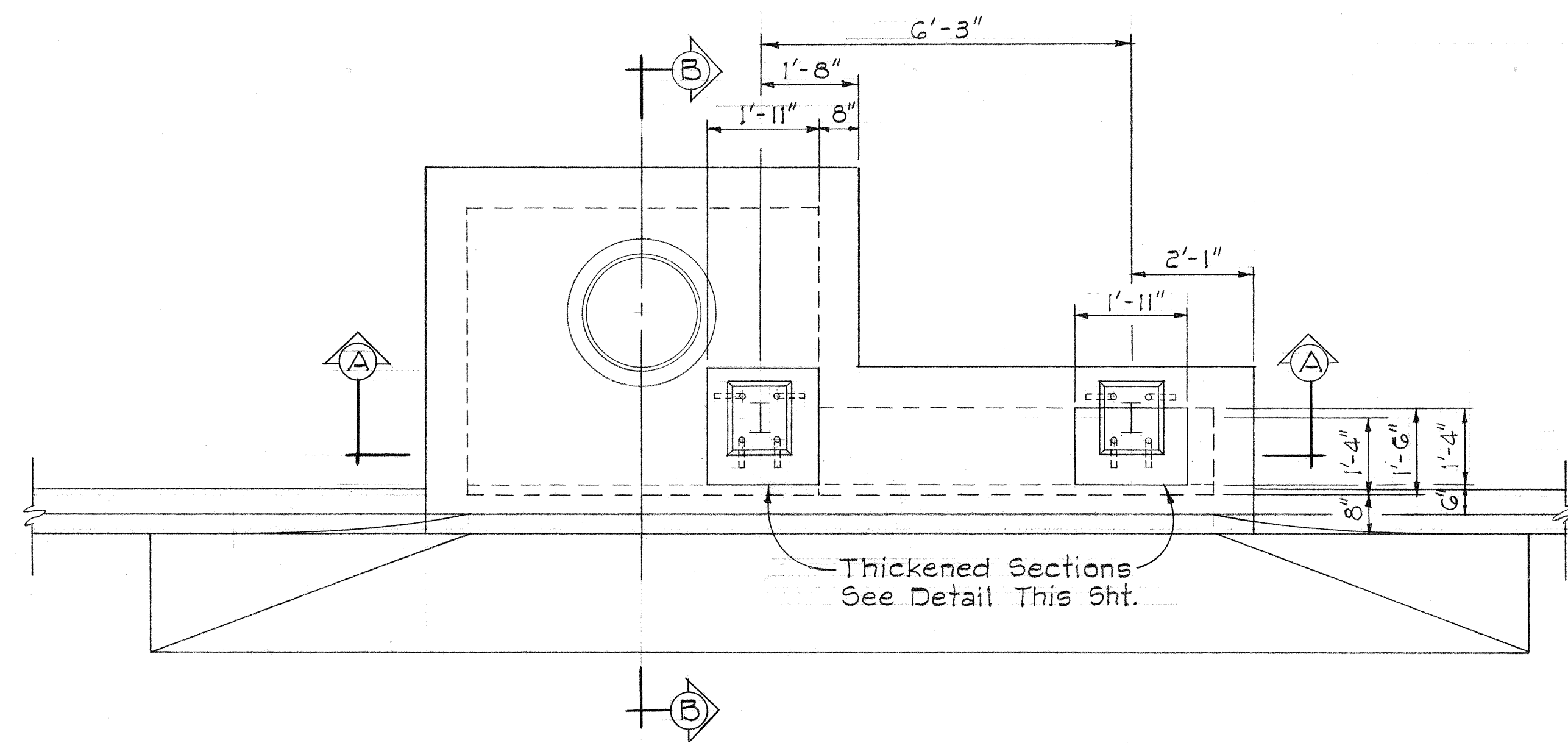
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**GUARD RAIL TO
ANCHOR BLOCK DETAIL**
Proj. No. 63A-02-68

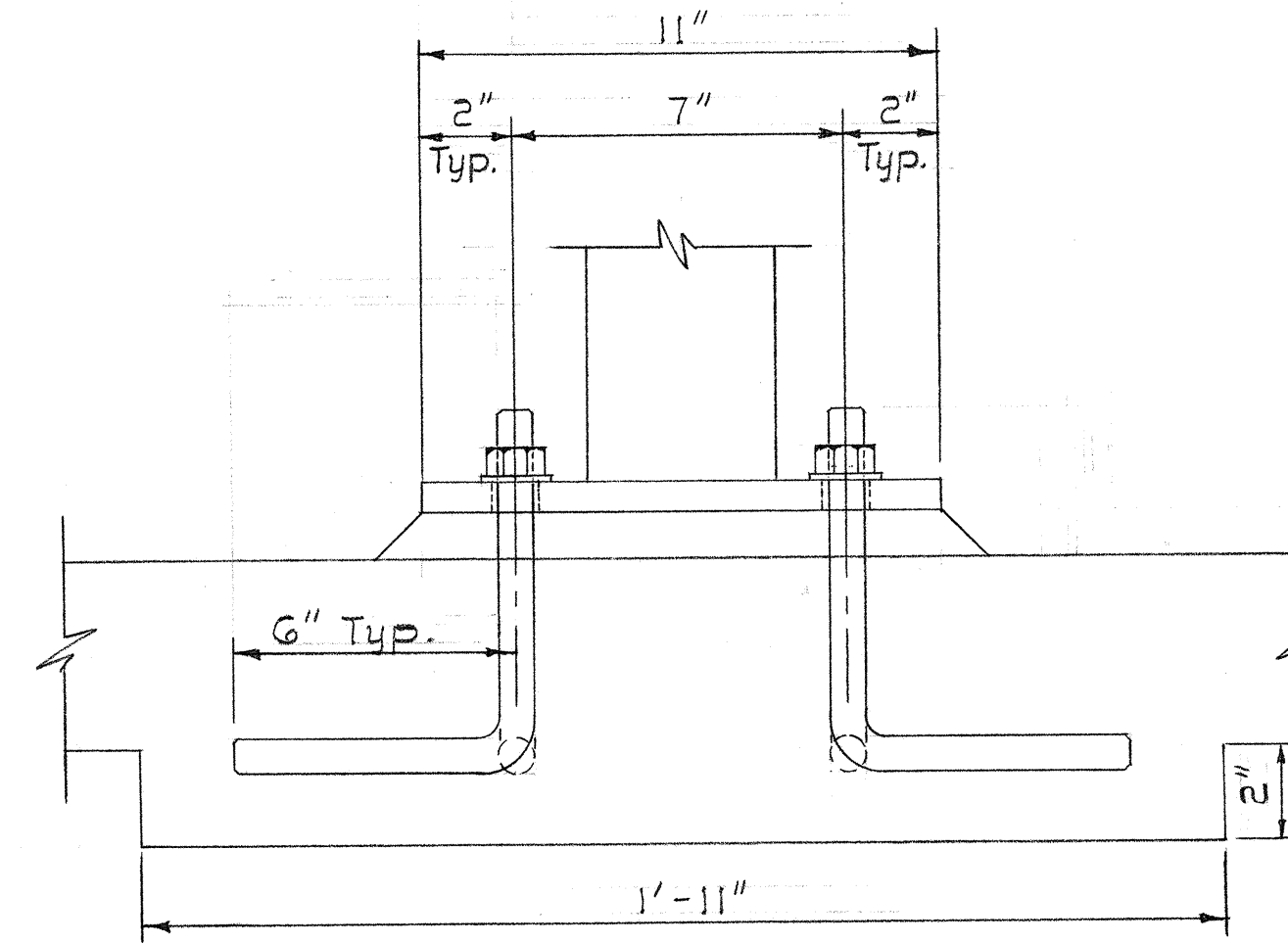
Scale: As Shown Date:

SHEET No. 5 OF 13 SHEETS

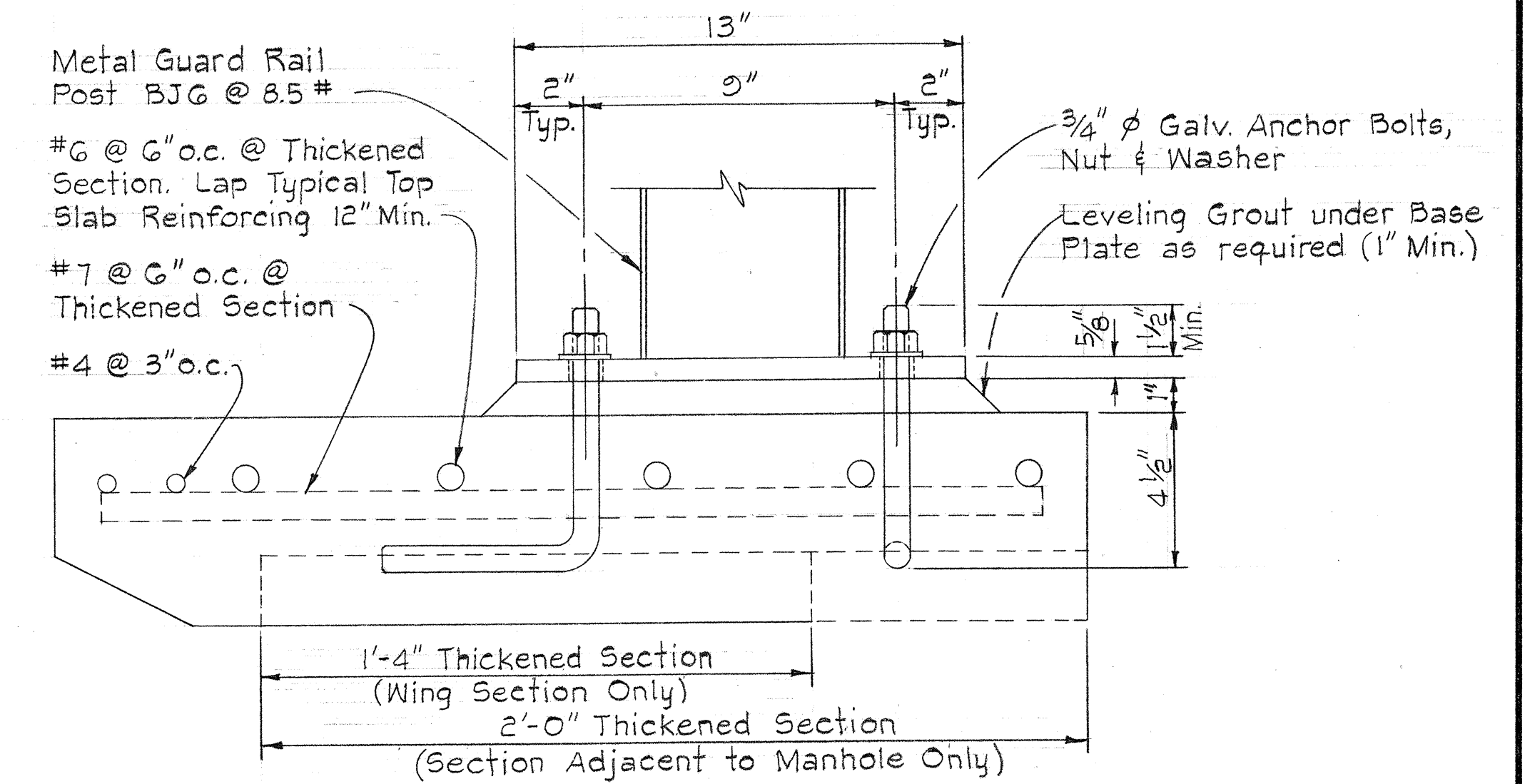
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	G3A-02-G8	1968	22	31



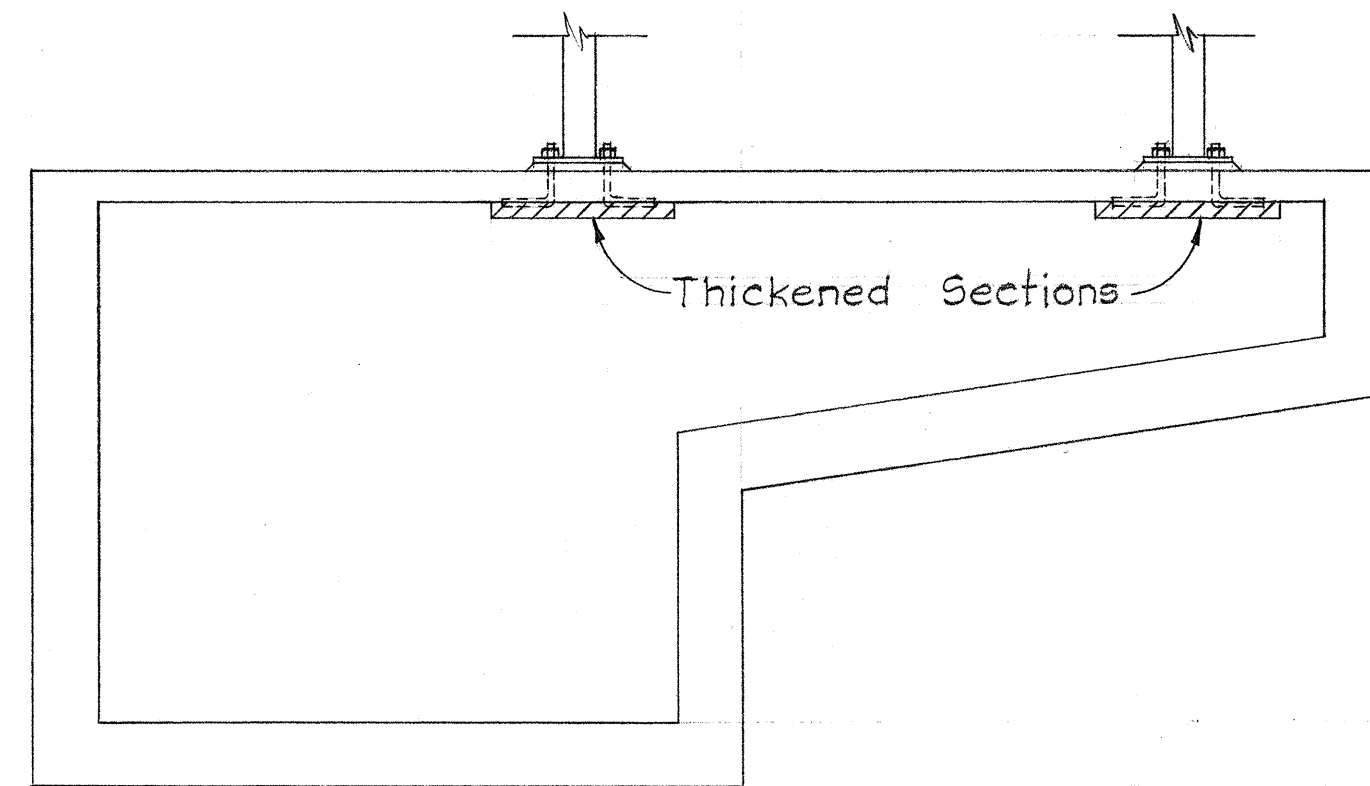
PLAN



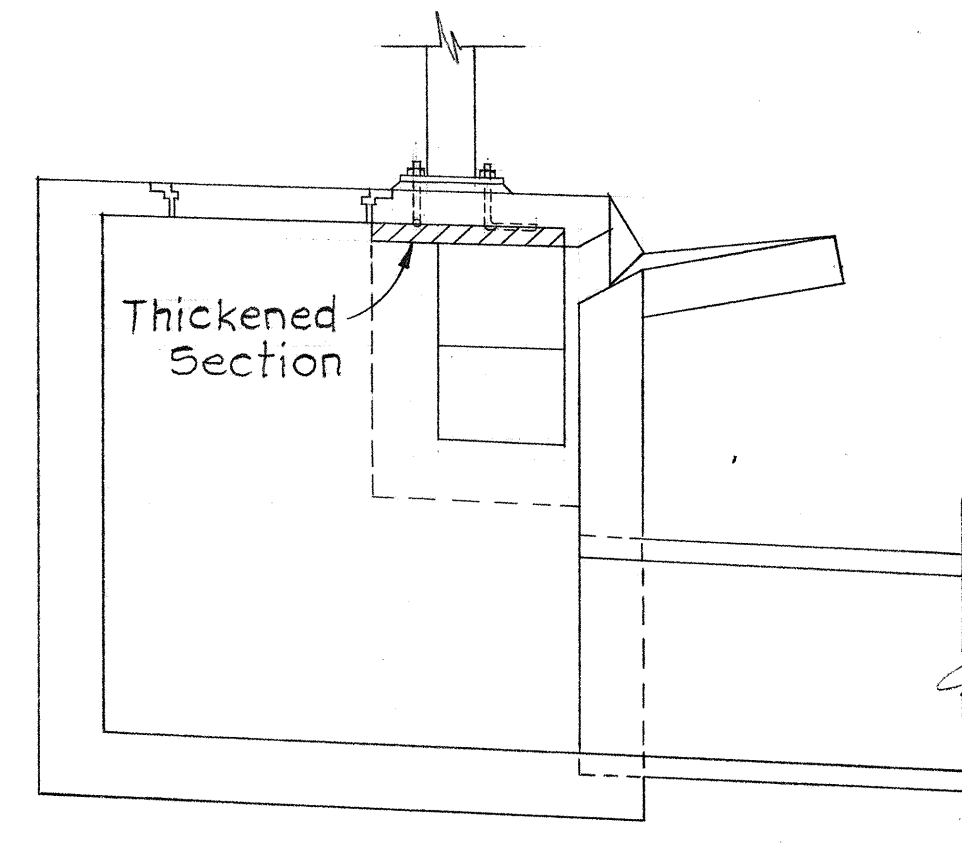
SECTION D-D



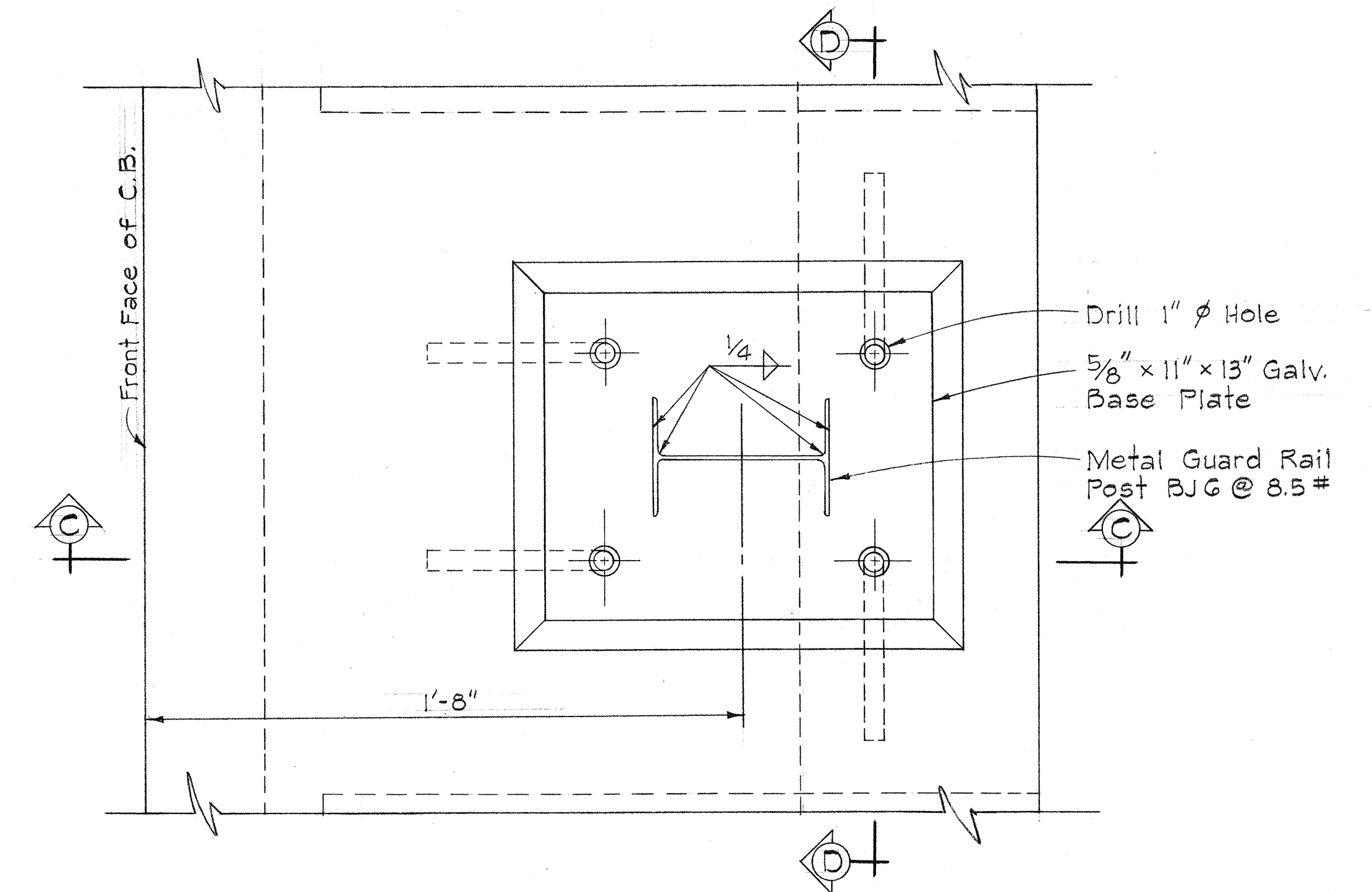
SECTION C-C



SECTION A-A



SECTION B-B



PLAN

MODIFICATION TO TYPE "C" C.B.

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

GUARD RAIL POST MOUNTING DETAILS ON TYPE "C" C.B.

Scale: 3" = 1'-0"

NOTES:

1. Reinforcing for top slab similar to reinforcing for Type "C" C.B. except for thickened section.
2. The cost of constructing and installing the metal guard rail posts on the new catch basin, including all new materials required (except anchor bolts) shall be considered as included in the payment for construction of Guard Rail, Contract Item No. 81.01 and no additional compensation shall be made thereof.
3. Payment for concrete in thickened section shall be paid for as "Class A-1 concrete other than in bridges." Payment for anchor bolts shall be considered incidental to "Reinforcing Steel other than in bridges."

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**SPECIAL GUARD RAIL
DETAILS**

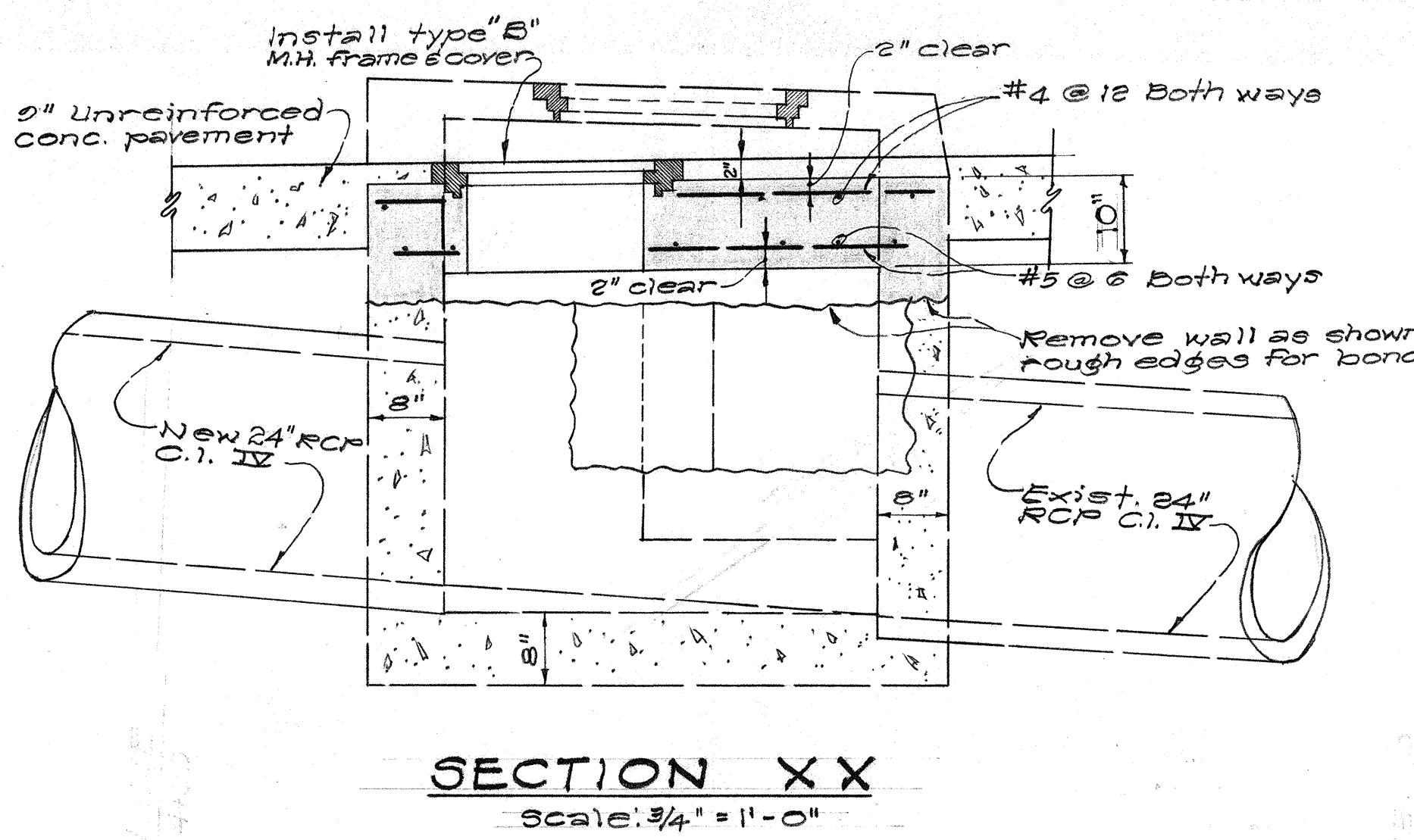
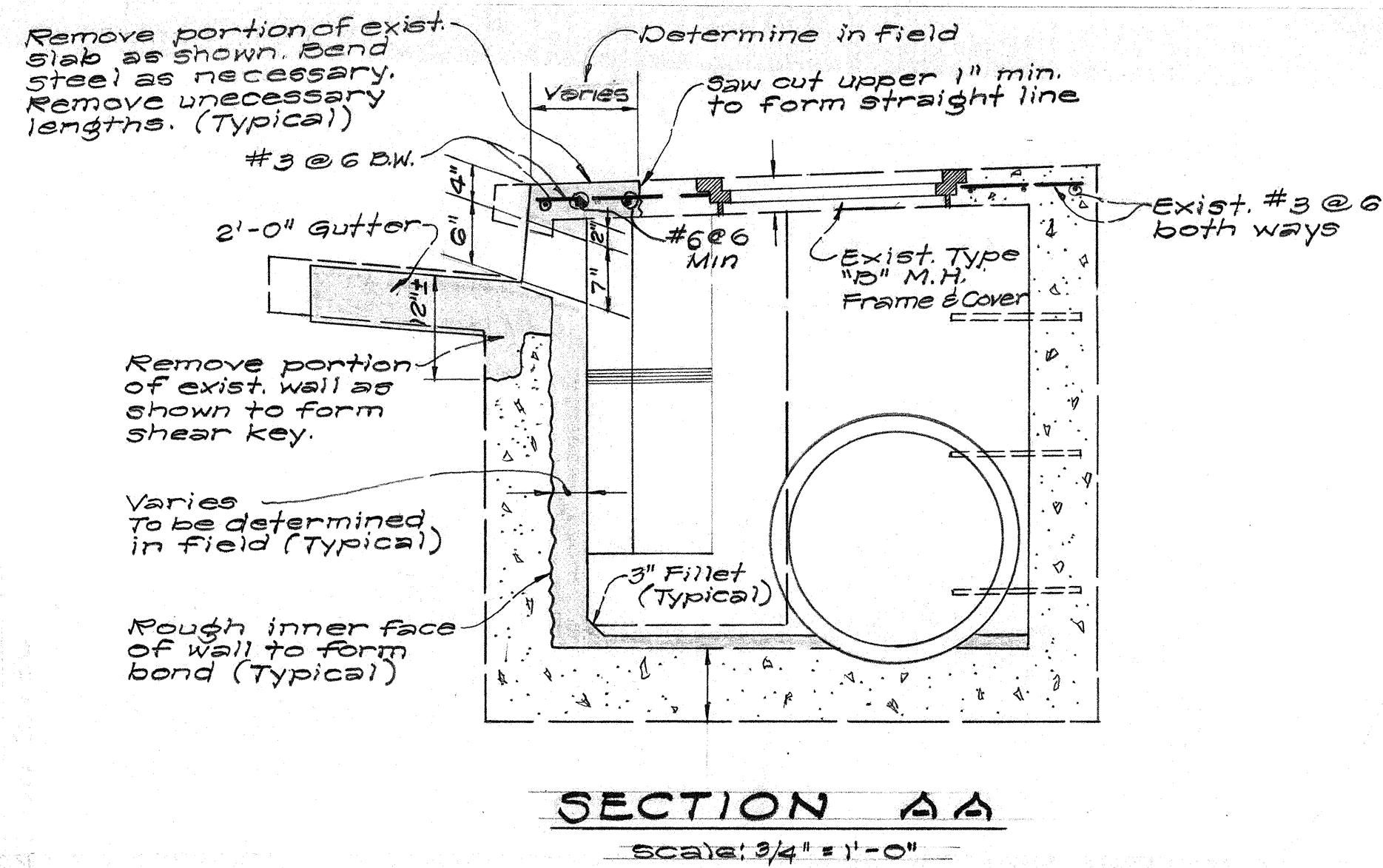
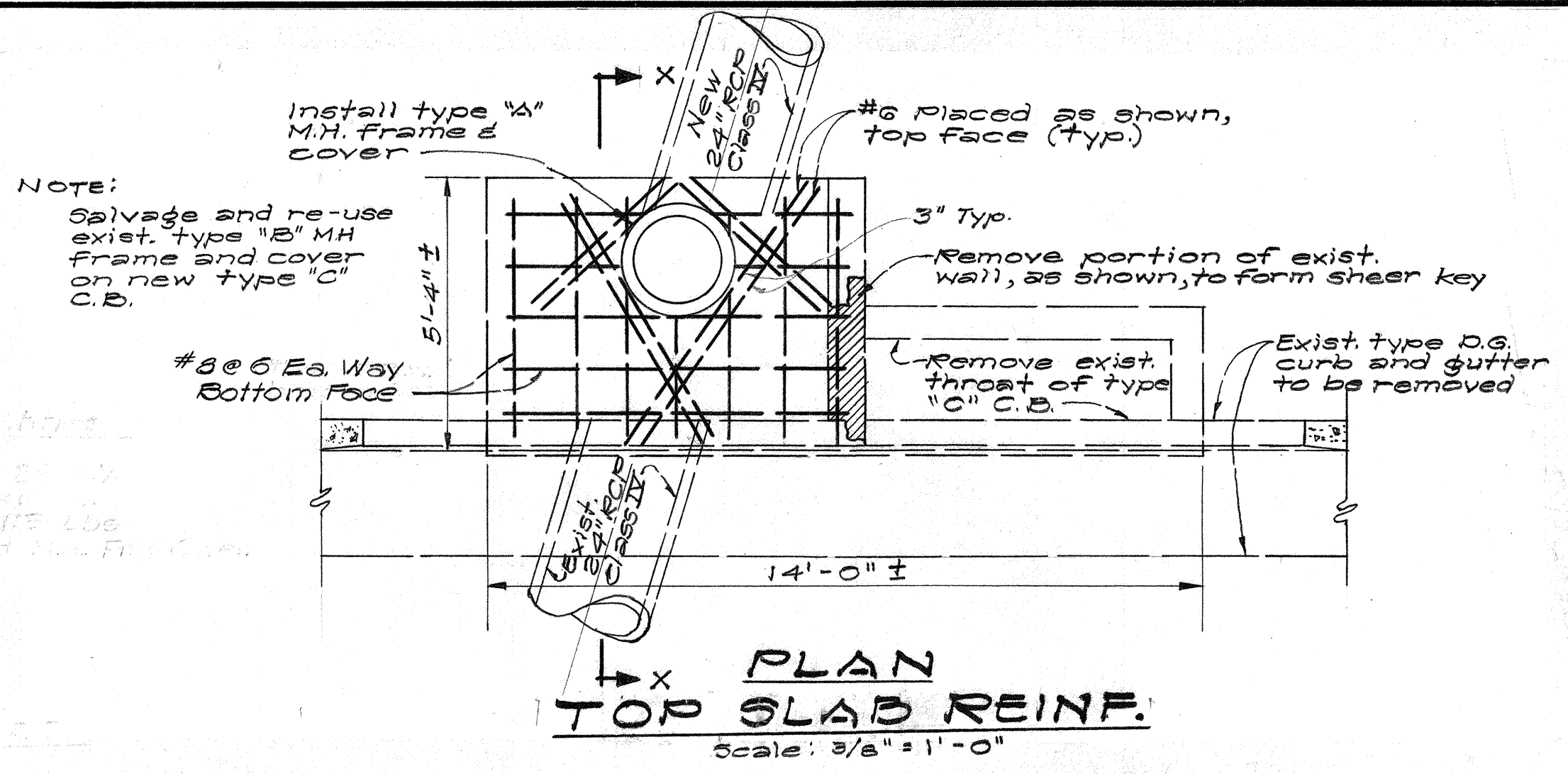
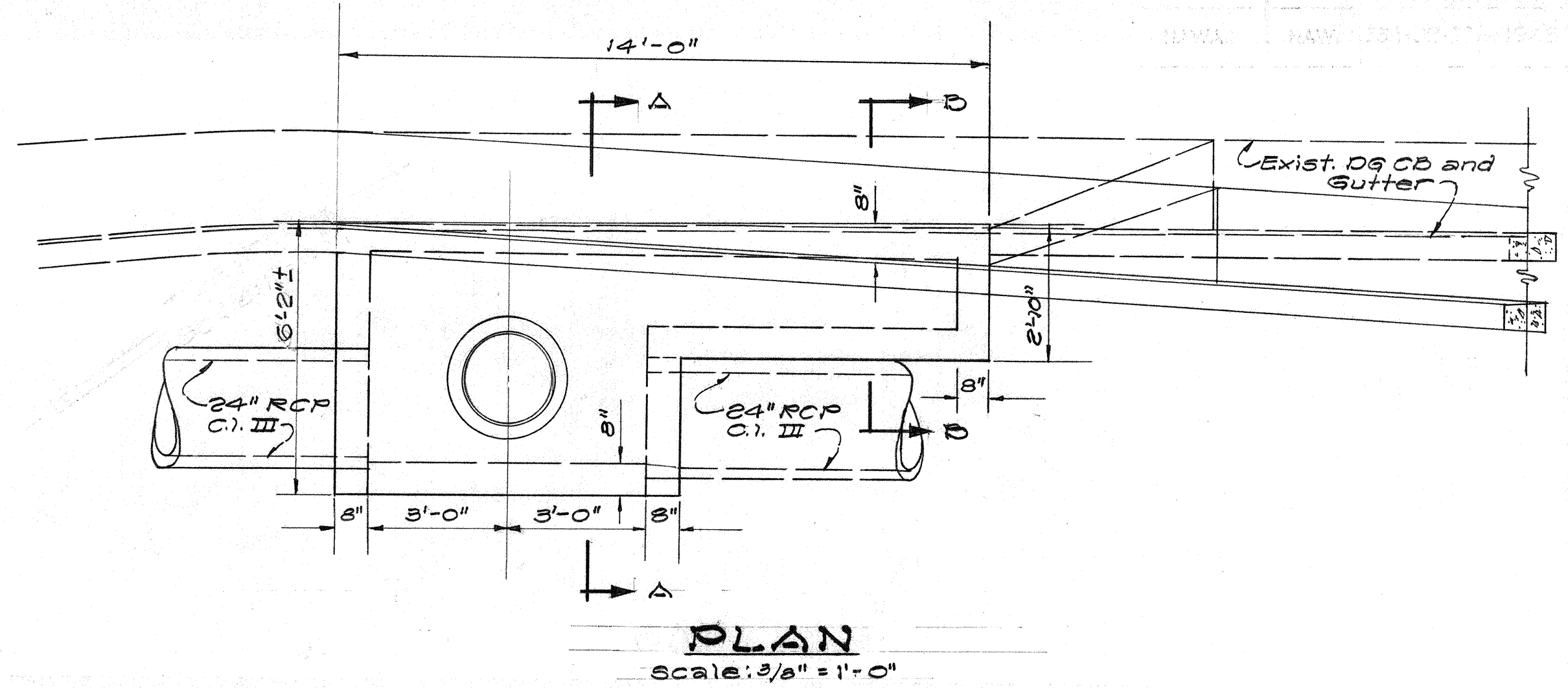
ADDITIONAL LANES
ON LIKELIKE HIGHWAY
PROJ. No. G3A-02-G8

Scale: As Shown Date: March, 1968

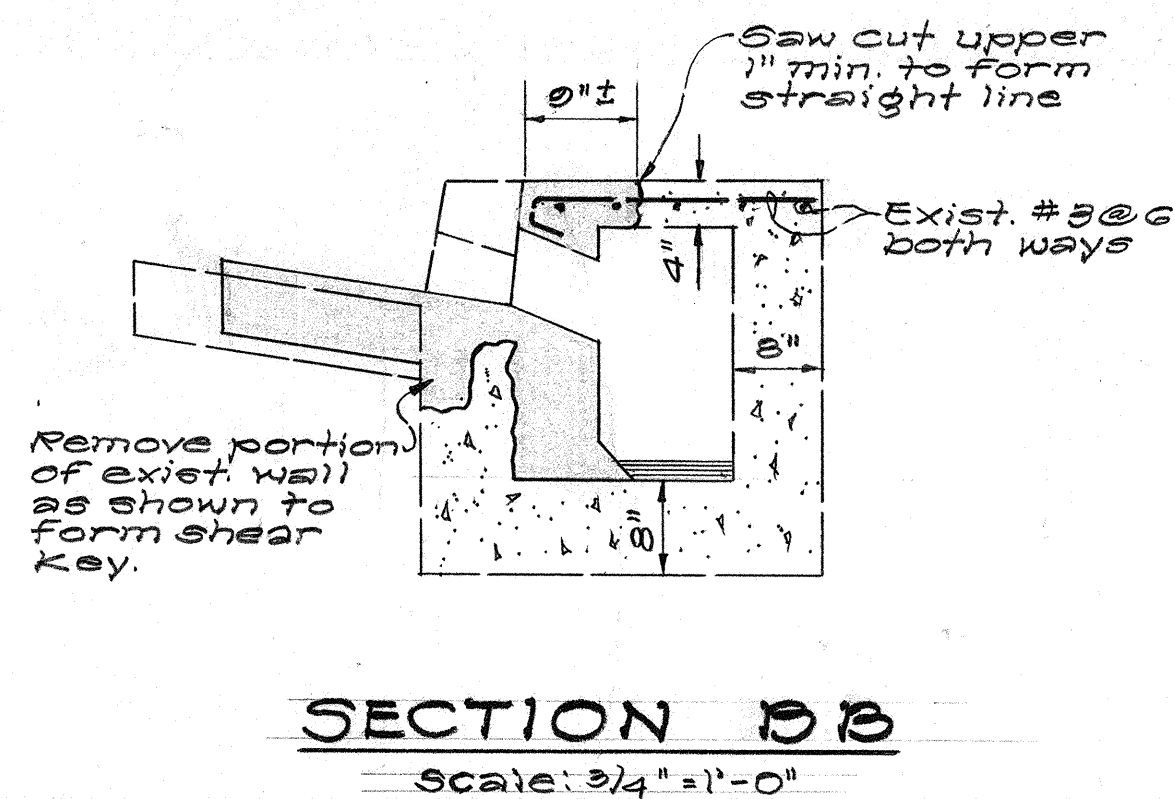
SHEET No. 6 OF 13 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-68	1968	23	31



DETAILS OF CONVERTING EXISTING CATCH BASIN INTO A MANHOLE AT STA. 5+G5 LT.



DETAILS OF RECONSTRUCTION TO EXISTING TYPE "B" CATCH BASIN AT STA. 0+G7 RT.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

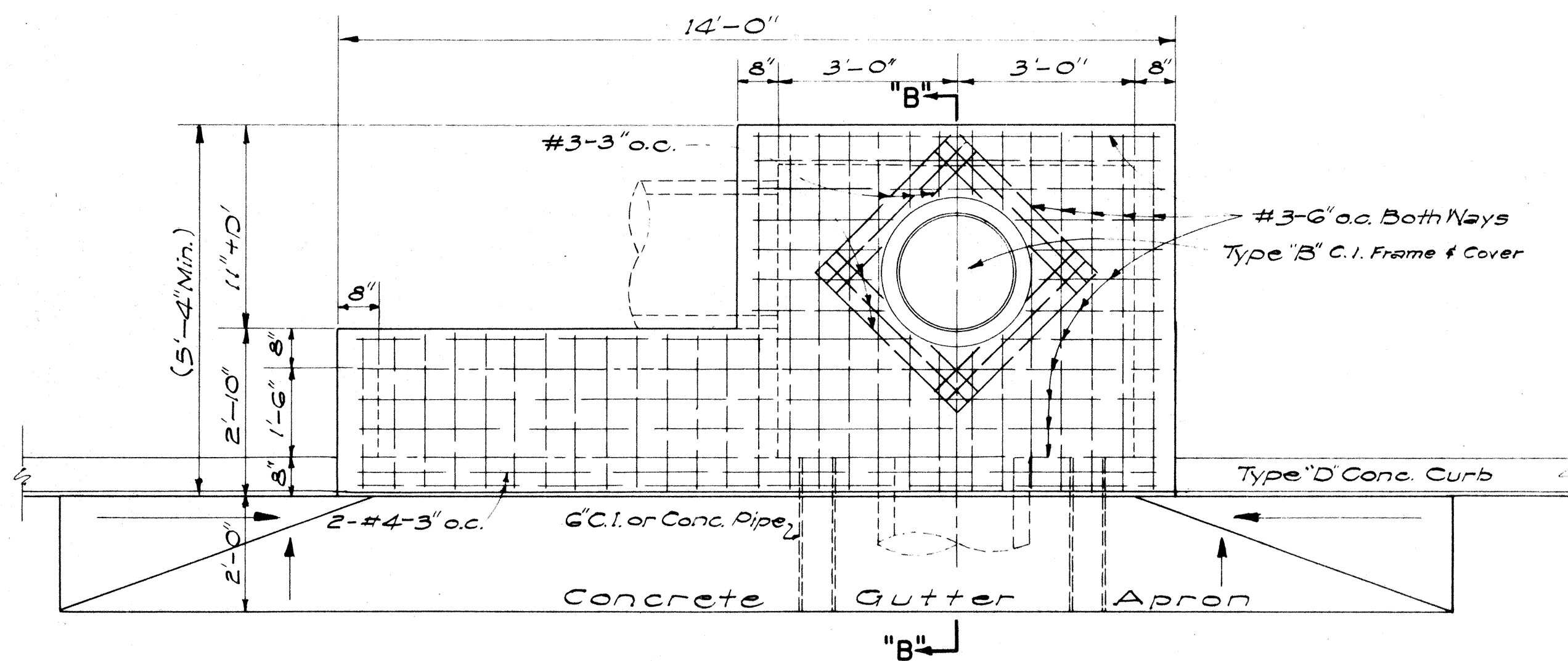
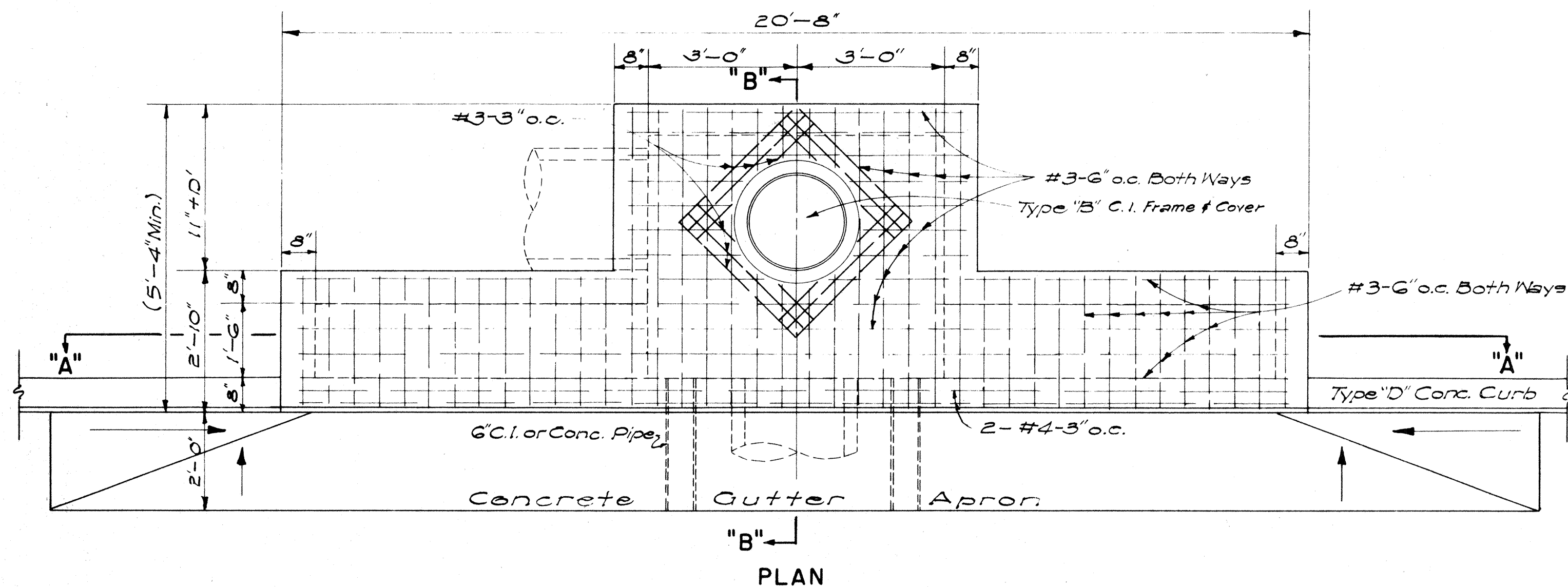
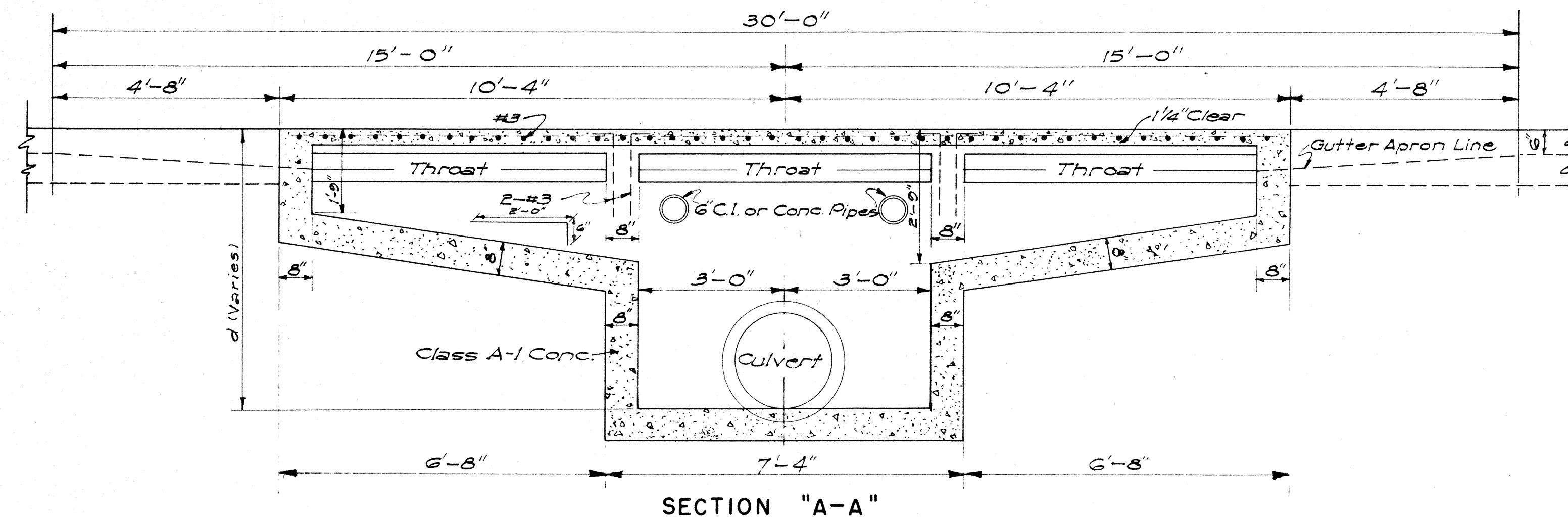
ADDITIONAL LANES ON LIKELIKE HWY.
SCHOOL ST. TO KALIHI ST.

PROJ. NO. 63A-02-68

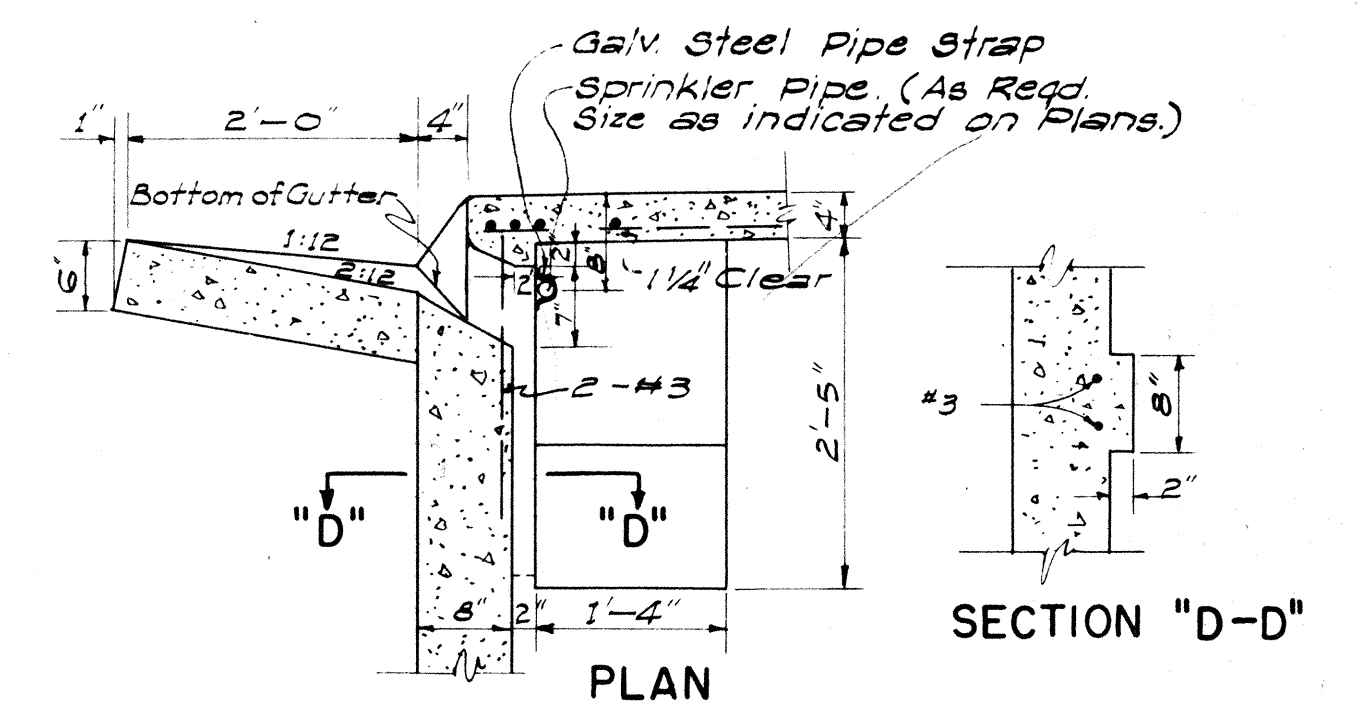
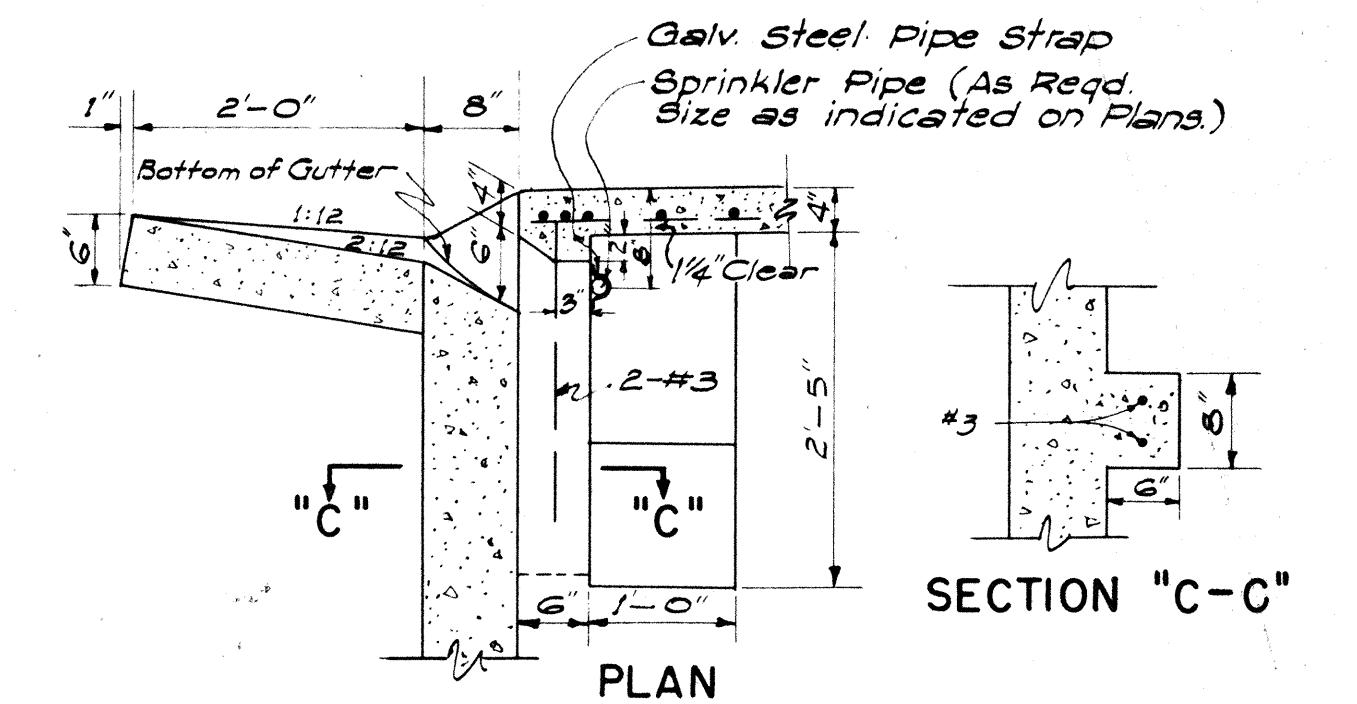
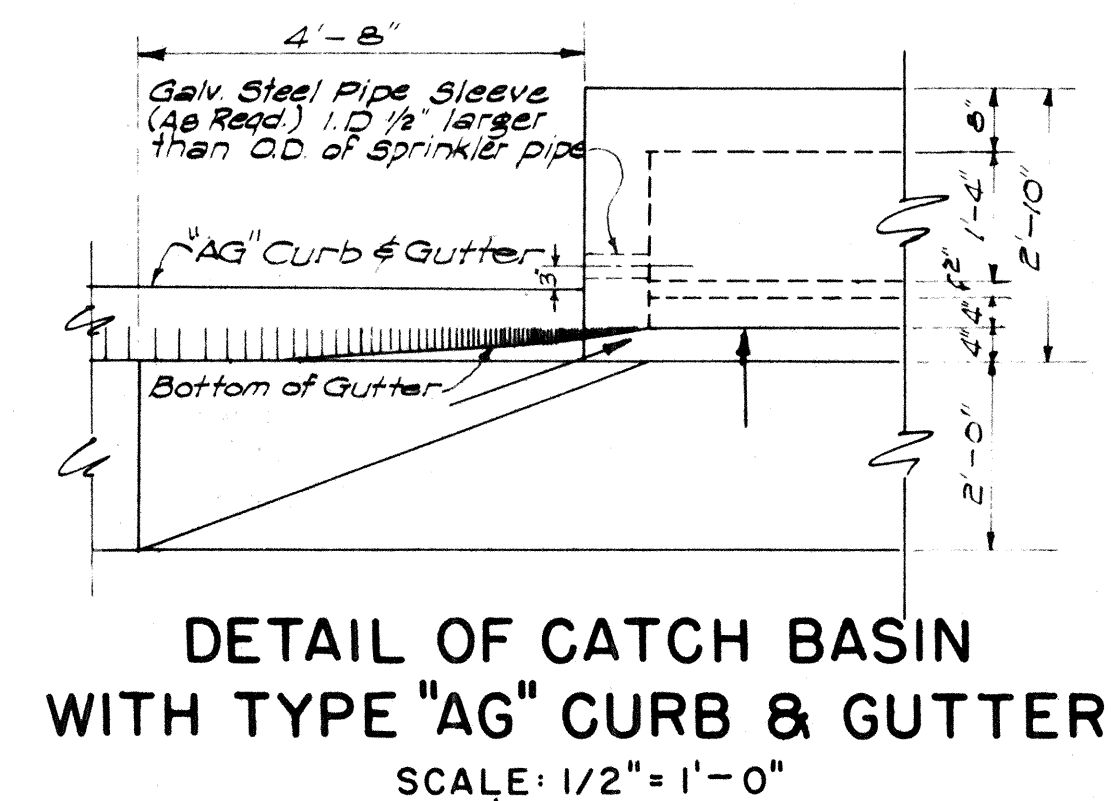
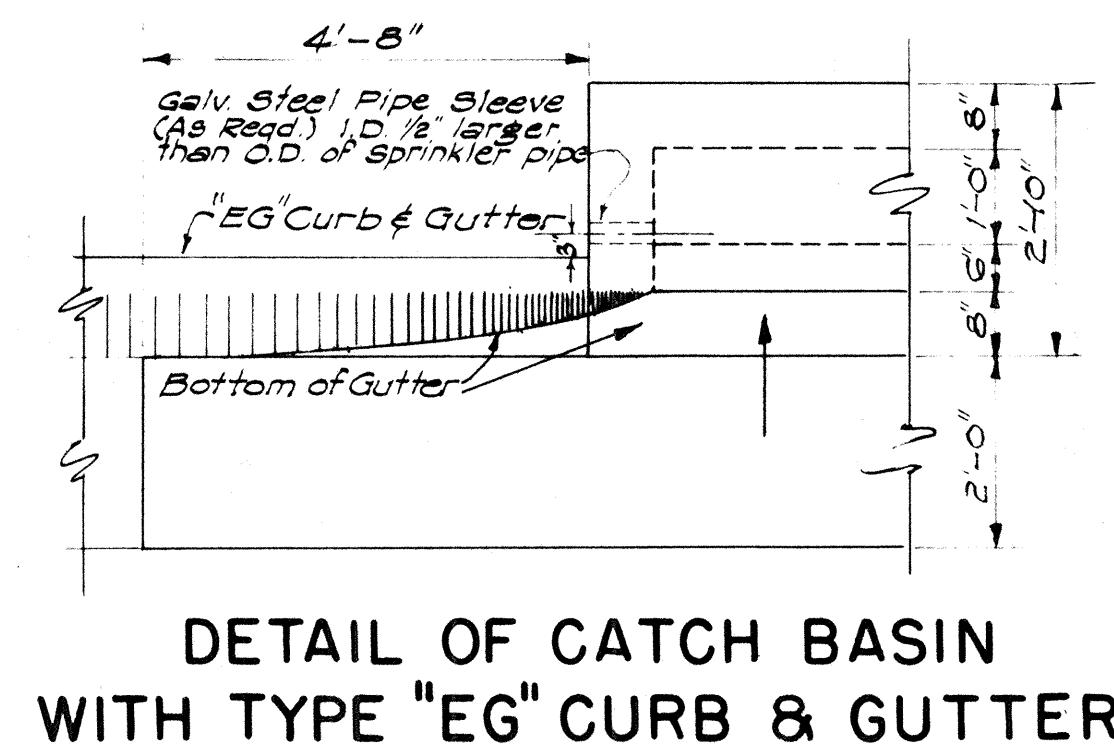
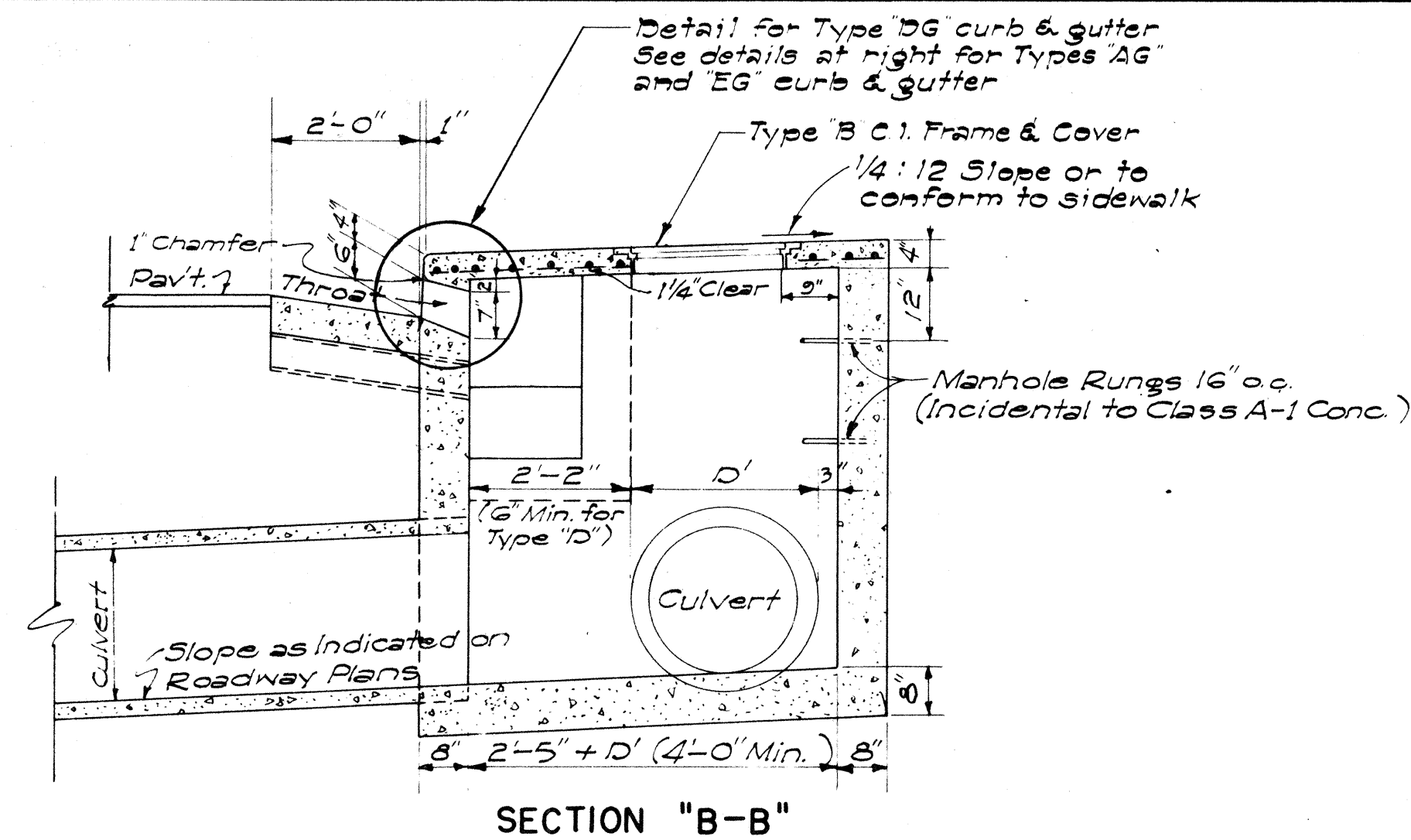
Scale: As Noted Date: Feb. 1968

SHEET No. 7 OF 13 SHEETS

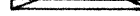
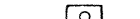
SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



NOTE: TYPE "C" C.B. SIMILAR BUT OPPOSITE HAND

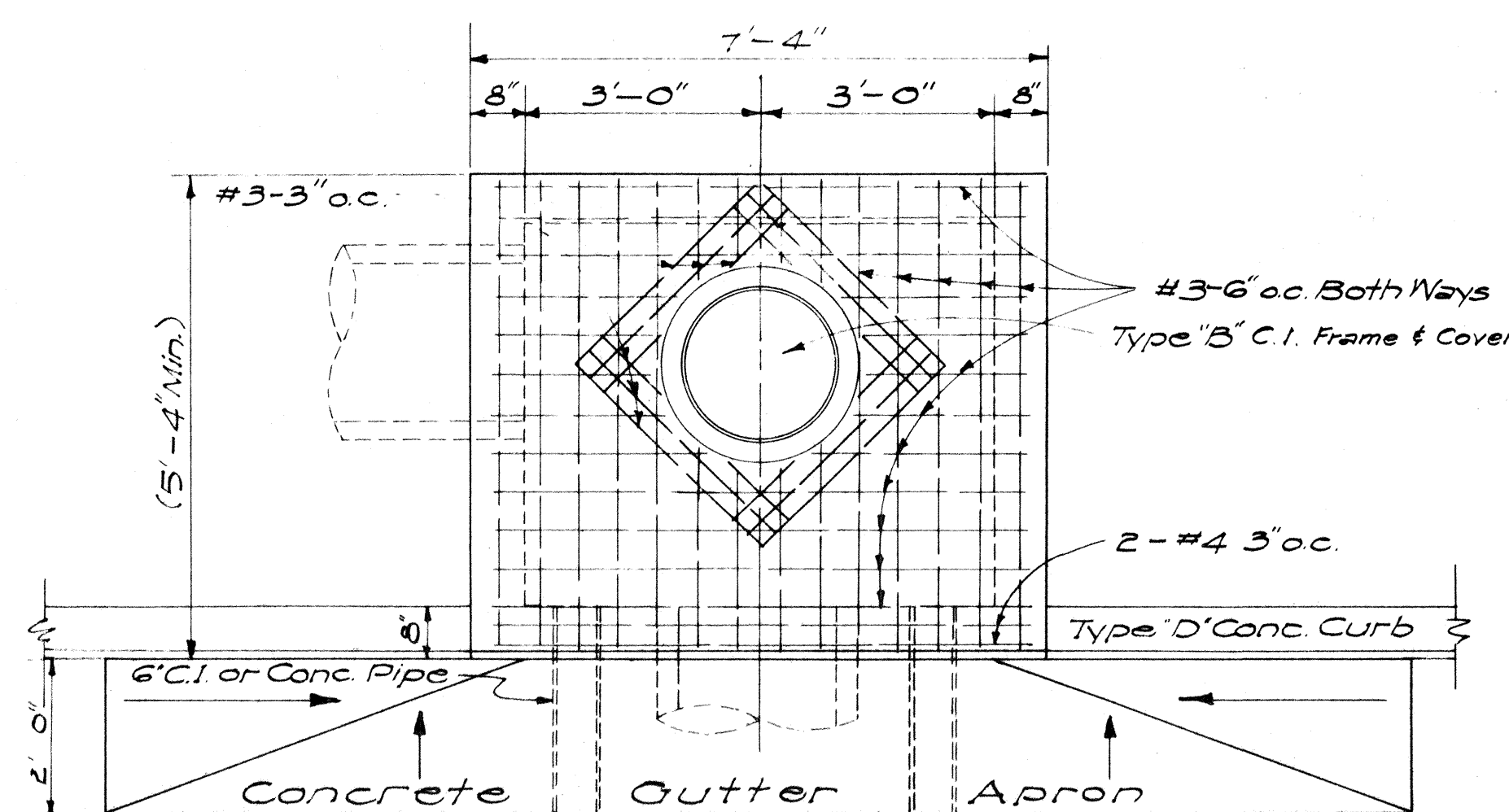


ESTIMATED QUANTITIES

Type	Class A-I Conc.	Struct. Exc.	Reinf. Steel	Gutter Length
"A" 	7.5 c.y.	24.7 c.y.	145 lb.	30'-0"
"B" 	6.0 c.y.	21.5 c.y.	108 lb.	23'-4"
"C" 	6.0 c.y.	21.5 c.y.	108 lb.	23'-4"
"D" 	4.9 c.y.	16.5 c.y.	77 lb.	16'-8"

NOTES:

1. Quantities based on $d = 5.75'$ and $D' = 30"$
2. Quantities do not include concrete for Gutter Apron.
3. The Contractor shall install two 6" Cast Iron or Concrete Pipes as incidental to Class A-1 Concrete for Construction Drainage.
4. Culvert shall leave C.B. from any position and any direction indicated by plans or ordered by the Engineer. Culvert may both enter and leave C.B. so that C.B. will also act as Manhole.
5. The Contractor shall install Galvanized Steel Pipe Sleeves and Straps as incidental to Sprinkler System.



APPROVED:

DATE Aug 26, 1952

STATE HIGHWAY ENGINEER

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS
CATCH BASINS

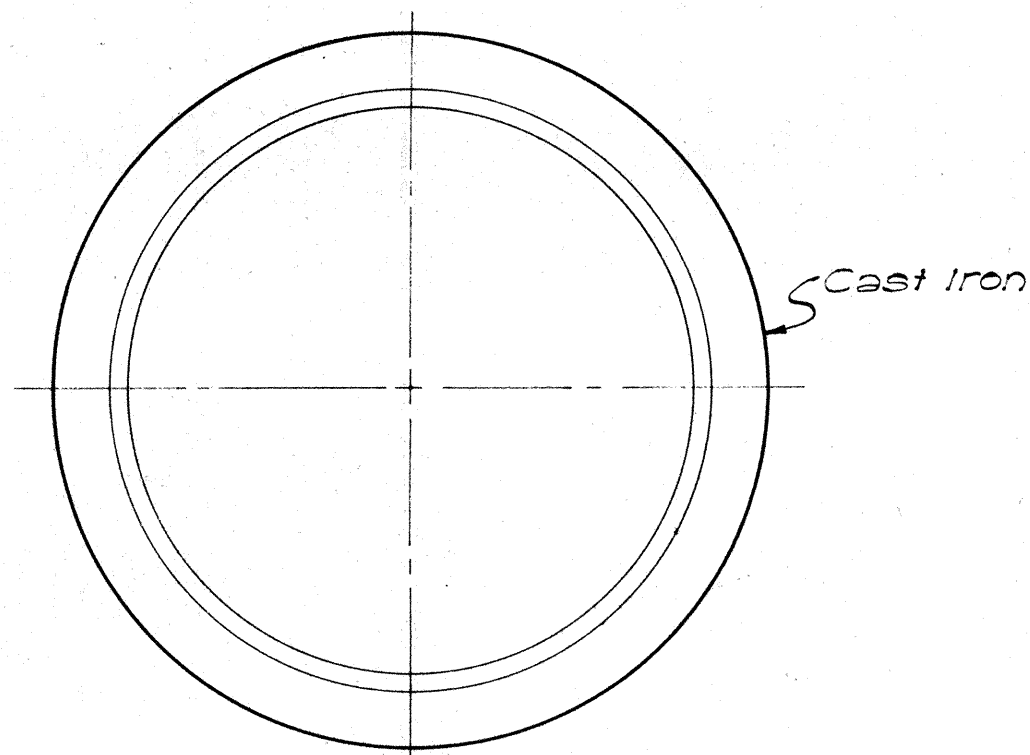
SCALES AS NOTED

SHEET N° 8 OF 13 SHEETS

[illegible]

Technical drawing of a stepped shaft. The shaft has a total length of 30 inches. It features a central section with a diameter of 24 inches and a length of 22 inches. The two end sections have a diameter of 3 inches and a length of 4 inches each. The transition between the sections is a fillet with a radius of 1/8 inch. The drawing includes a top view and a side view, with dimensions labeled in inches.

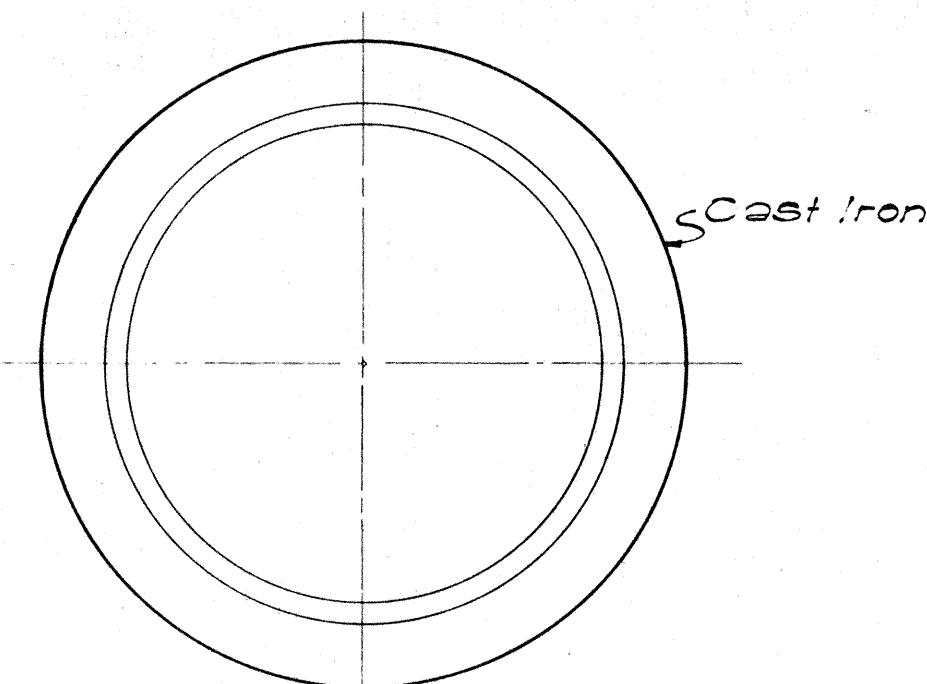
SCALE: 1-1/2" = 1'-0"



A circular technical drawing of a storm drain cover. The cover features a grid of squares with the word "STORM" at the top and "DRAIN" at the bottom. A 1-inch diameter hole is indicated on the right side.

[illegible]

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



Technical drawing of a shaft-hub assembly. The shaft has a diameter of 2 1/4" Dia. with a tolerance of +0.000/-0.005. The hub has an inner diameter of 2 1/2" Dia. with a tolerance of +0.005/-0.000 and an outer diameter of 20" Dia. with a tolerance of +0.000/-0.005. The hub has a length of 4" and a keyway width of 1/2". The shaft has a length of 4" and a keyway width of 1/2". The assembly is shown in a cross-sectional view.

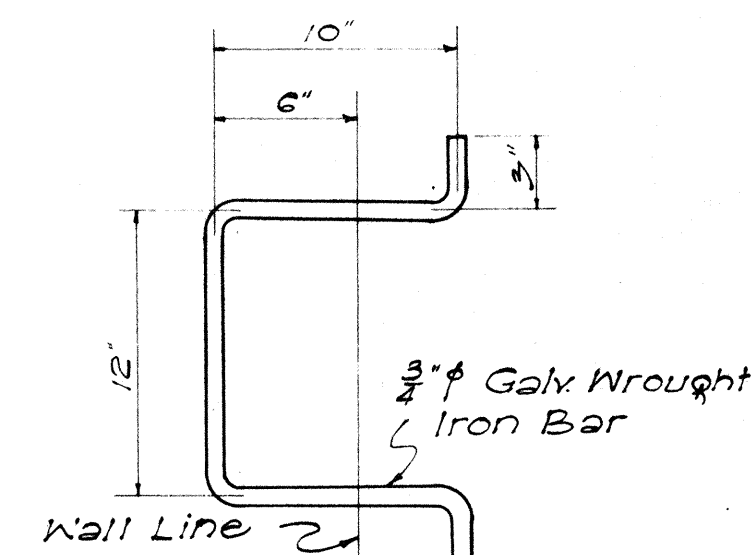
SCALE: 1-1/2" = 1'-0"

Foundry - Honolulu

The drawings show a foundry layout with the following dimensions and components:

- Overall Dimensions:**
 - Length: $2'-10"$
 - Width: $2'-8"$
- Internal Dimensions and Features:**
 - Cast Iron area: $2'-5"$ wide, containing 10 vertical slots.
 - Frame area: $2'-2"$ wide, containing 10 vertical slots.
 - Side wall thickness: $2'-2"$
 - Top wall thickness: $2'-10"$
 - Bottom wall thickness: $2'-8"$
 - Door opening: $2'-2"$ wide, $2'-10"$ high.
 - Door frame: $2'-2"$ wide, $2'-10"$ high.
 - Door frame thickness: $2'-2"$
 - Door frame material: Cast Iron
 - Door frame label: A

SCALE: 3/4" = 1'-0"



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

THE TYPE "W" CAST IRON FRAME AND COVER
SHOWN ON THIS SHEET IS EQUIVALENT TO THE
CITY AND COUNTY OF HONOLULU, BOARD OF
WATER SUPPLY'S CAST IRON MANHOLE FRAME
AND COVER, 20" SIZE.

Technical drawing of a circular object, likely a cap or a lid, showing concentric rings. The word "WATER" is inscribed across the rings. A dimension line indicates a $\frac{7}{8}$ " Hole.

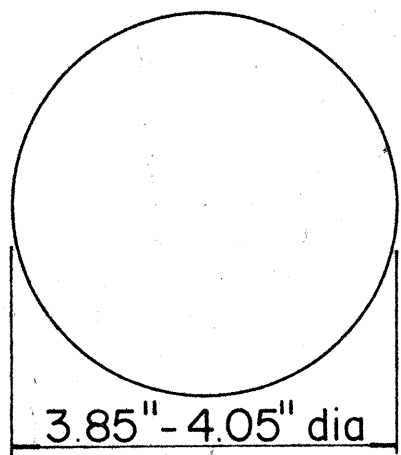
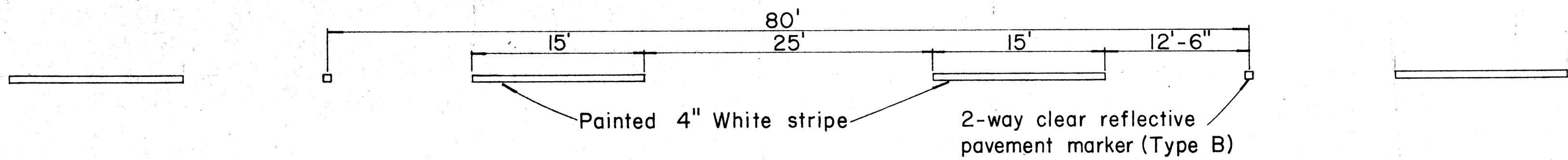
[illegible]

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

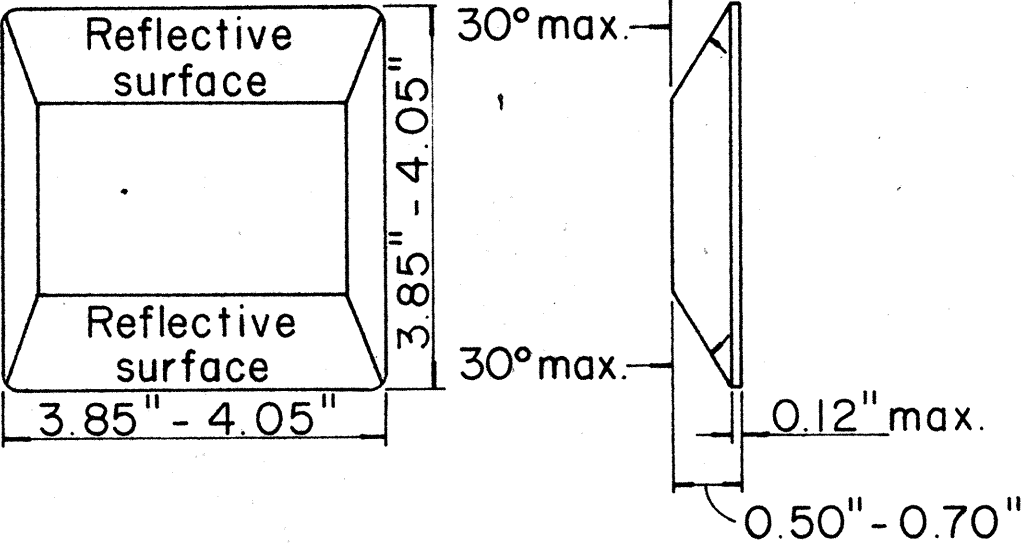
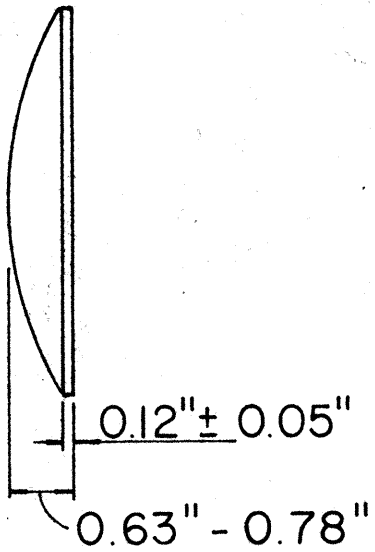
SHEET NO 9 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-68	1968	26	31

1 CENTER LINES ON TWO - LANE RURAL ROADS AND CITY STREETS



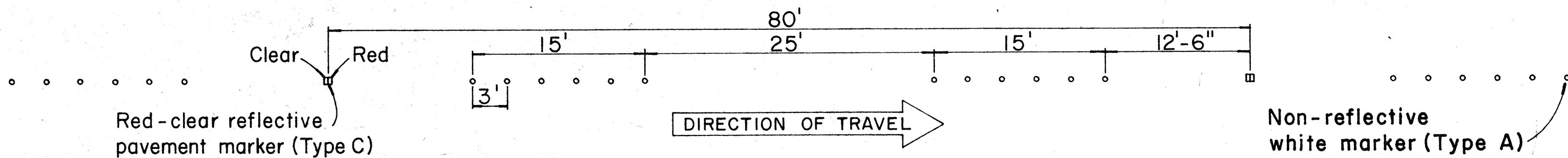
TYPE A
Non - reflective white marker



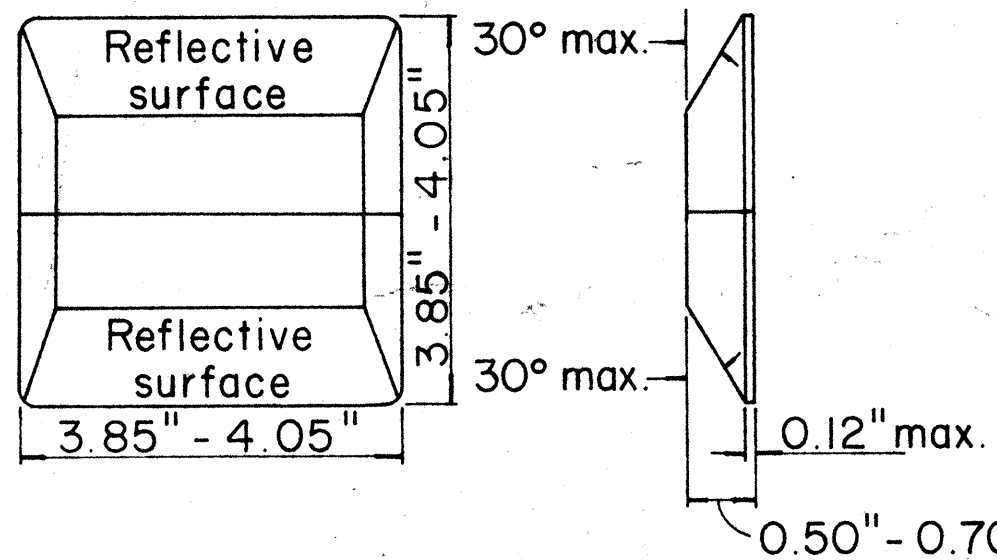
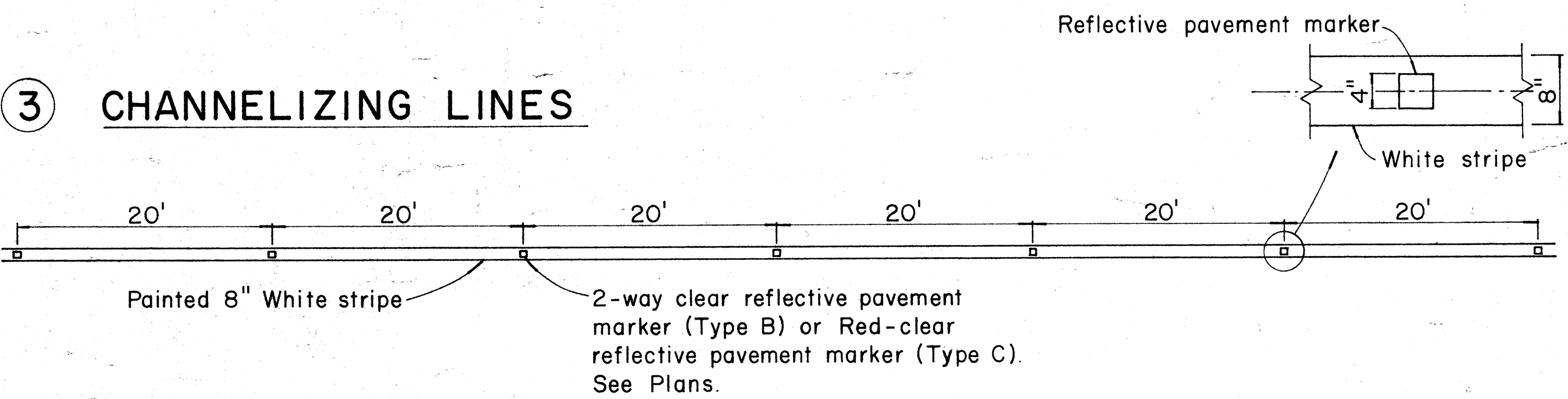
TYPE B
2-way clear reflective surface

TYPE D
2-way yellow reflective surface

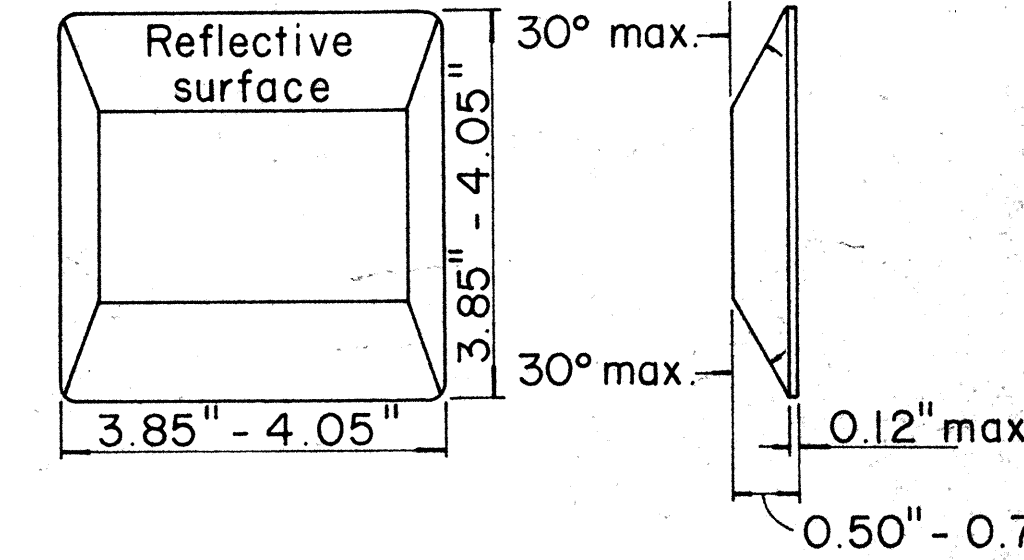
2 LANE LINES



3 CHANNELIZING LINES

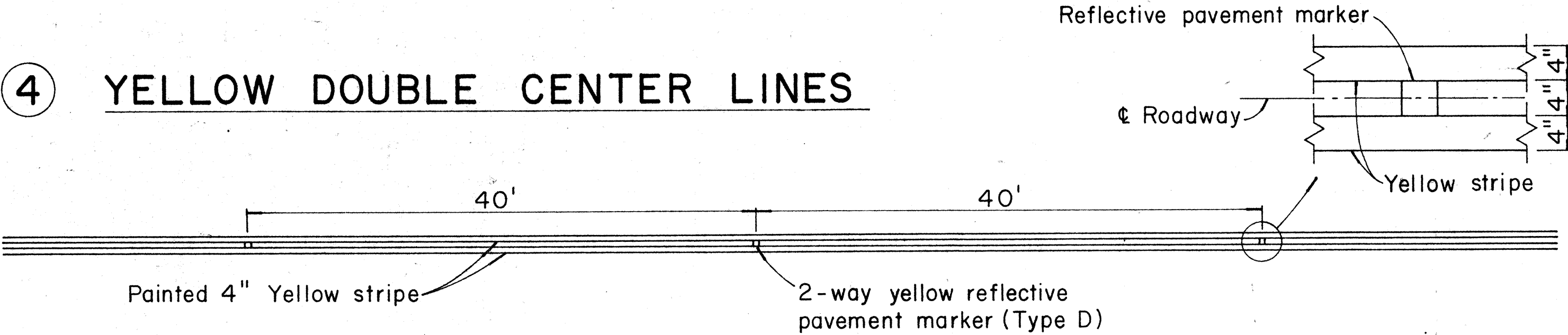


TYPE C
Red - clear reflective surface



TYPE H
One - way yellow reflective surface

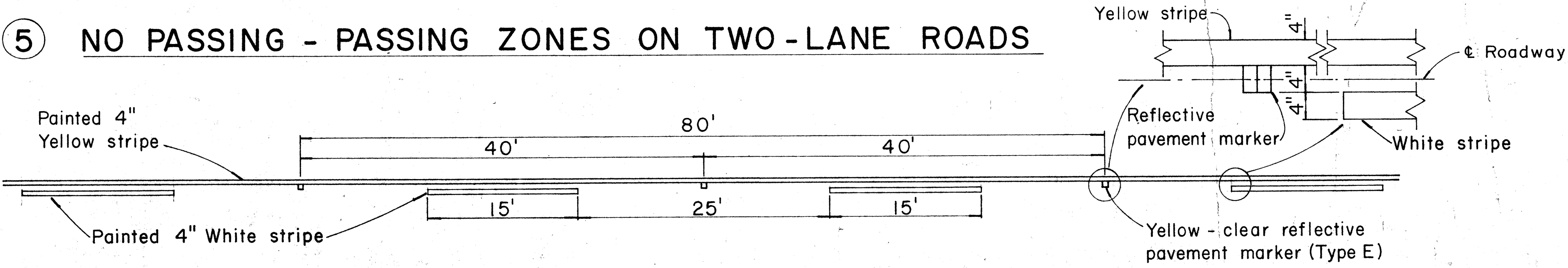
4 YELLOW DOUBLE CENTER LINES



TYPE E
Yellow - clear reflective surface

TYPE G
One - way clear reflective surface

5 NO PASSING - PASSING ZONES ON TWO-LANE ROADS



NOTE:
Painted stripes to be done by State forces

REVISED: Aug. 26, 1968

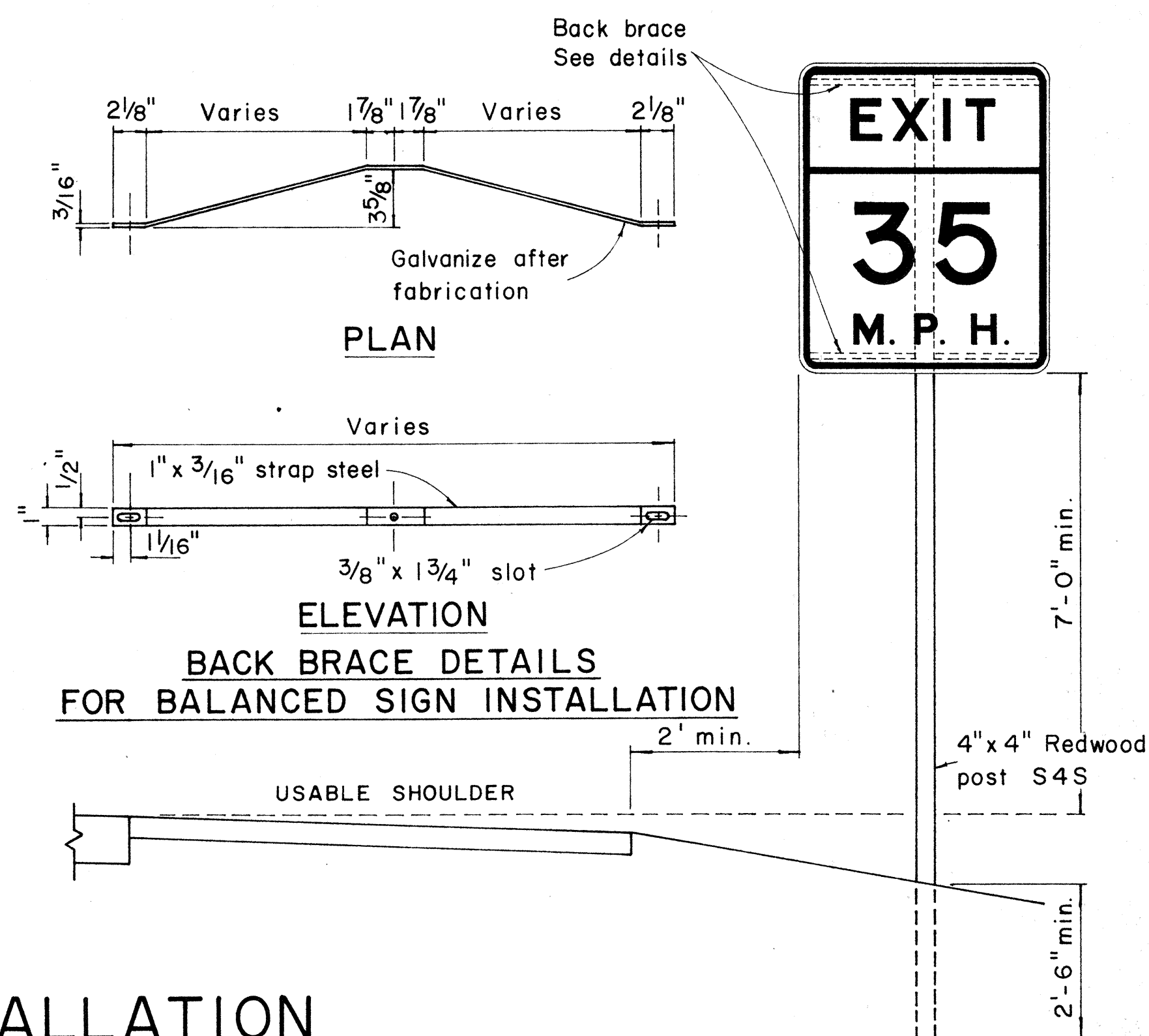
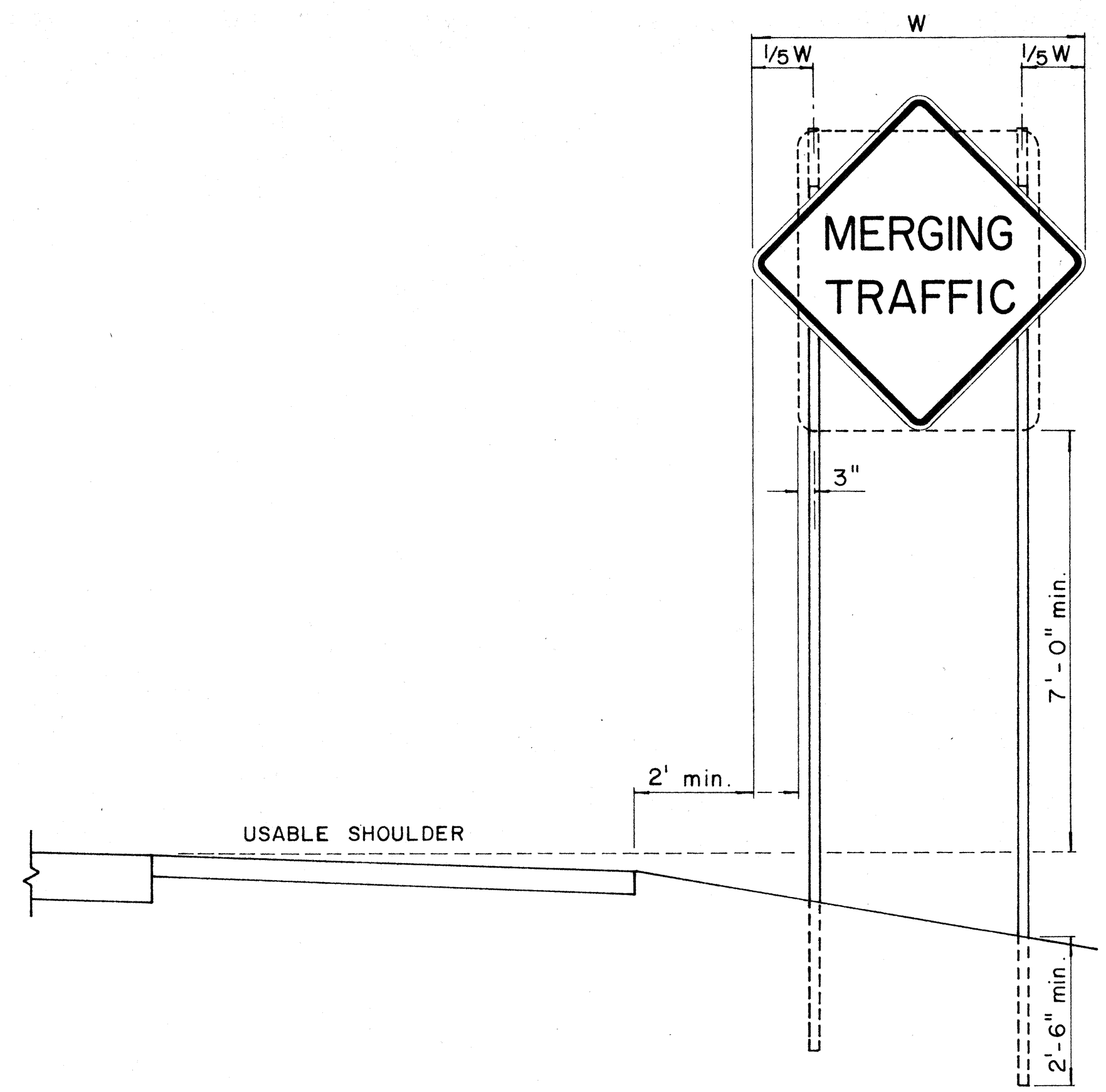
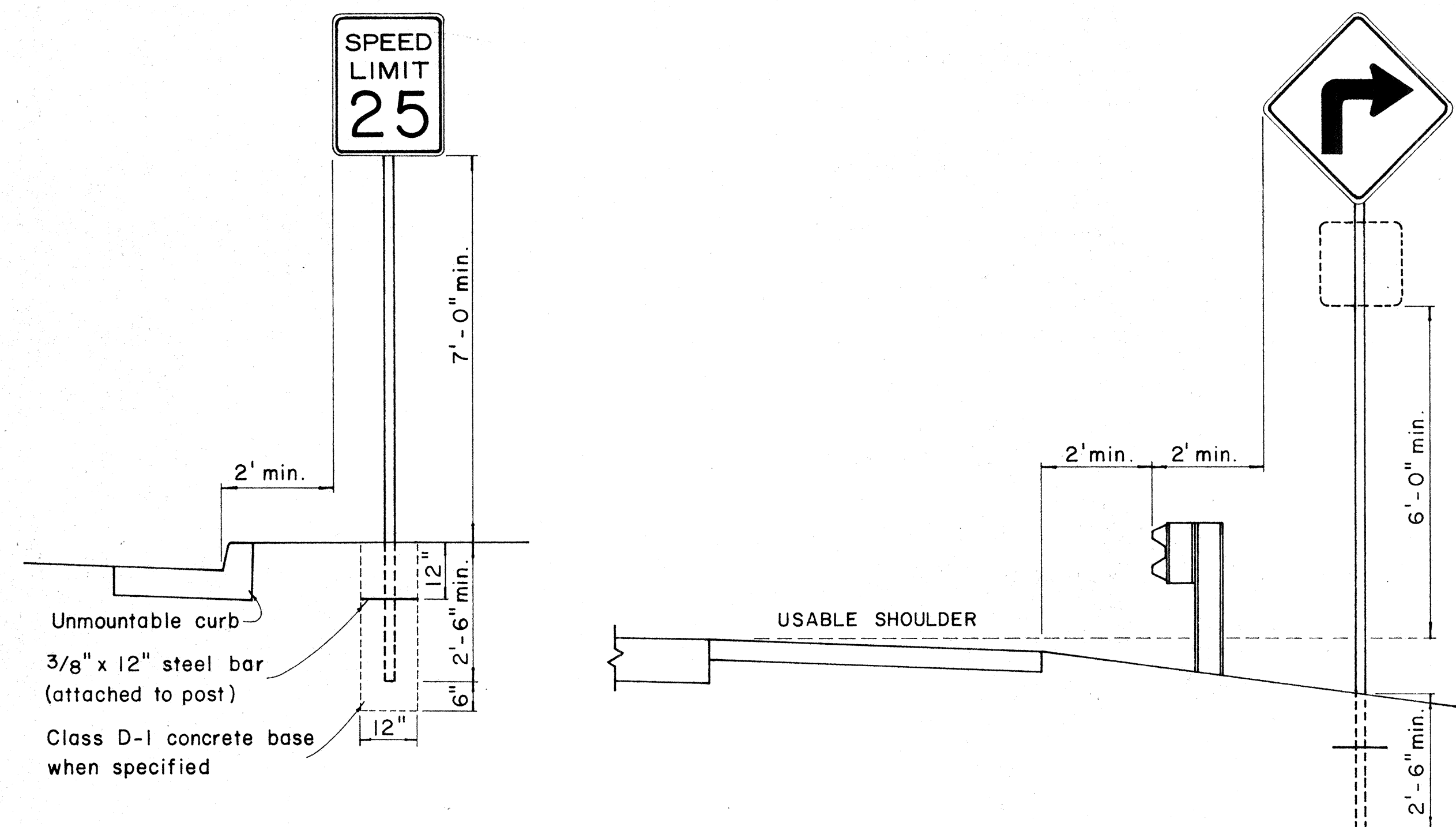
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
RAISED PAVEMENT MARKERS

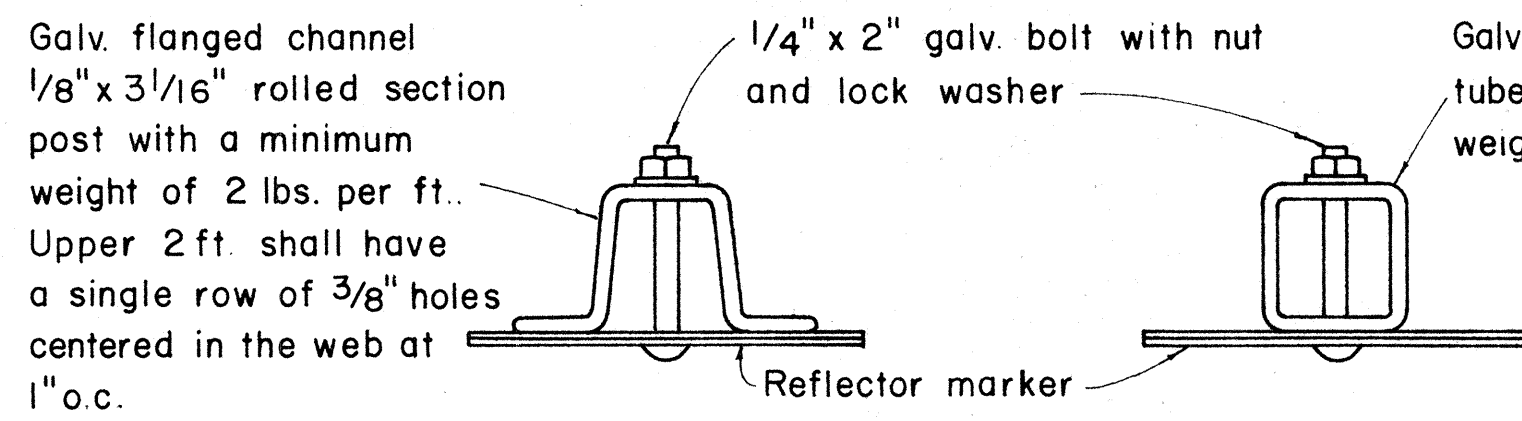
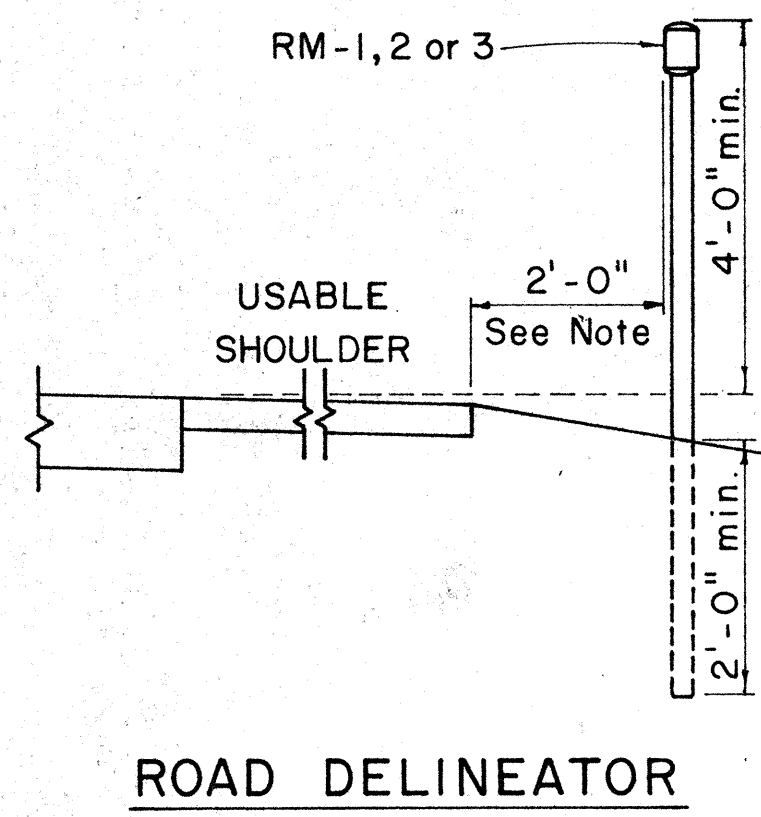
Not to Scale
Sept., 1967
SHEET No. 10 OF 13 SHEETS

DATE	.....
DESIGNED BY	.....
TRACED BY	.....
QUANTITIES BY	.....
CHECKED BY	.....
ORIGINAL PLAN	.....
NOTE BOOK	.....
No.	.....

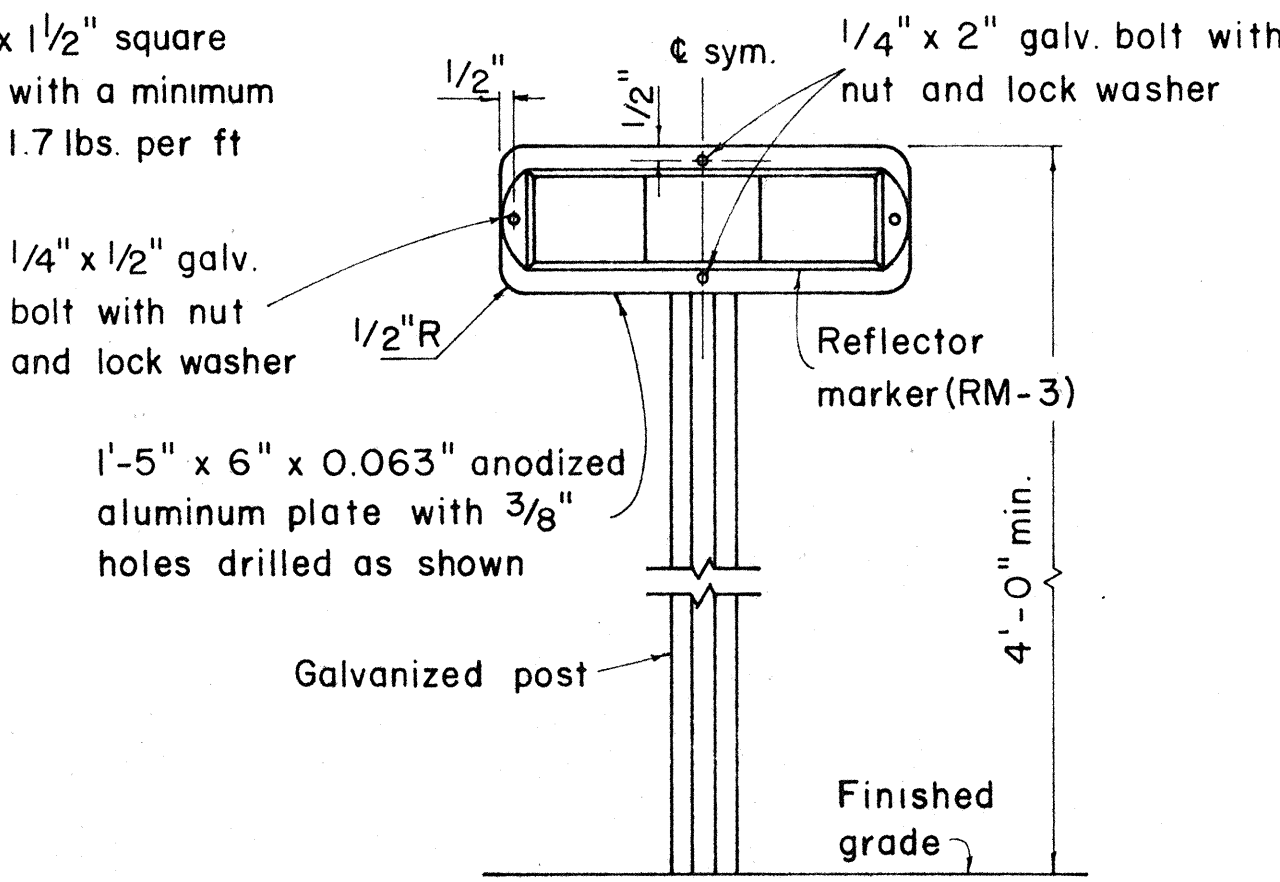
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-68	1966	27	31



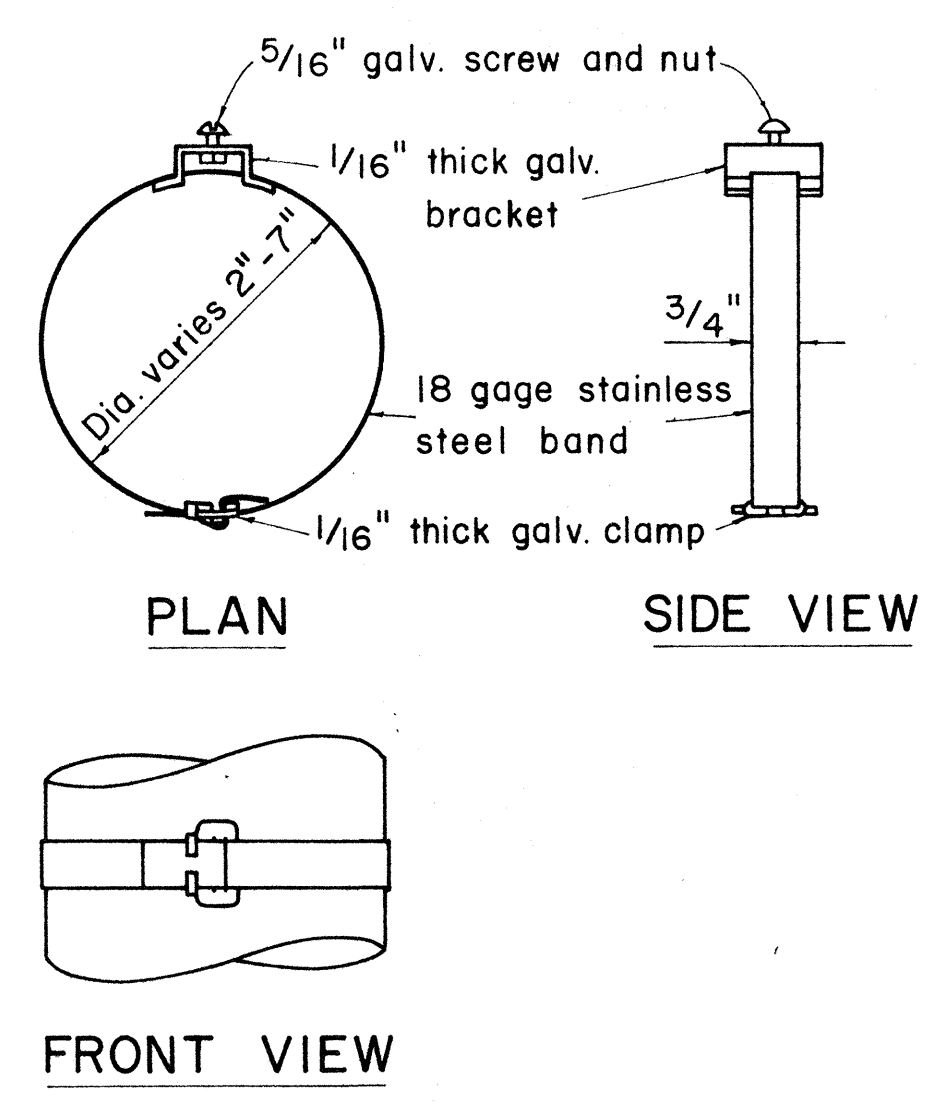
HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATION



TYPICAL SECTION OF ROAD DELINEATOR



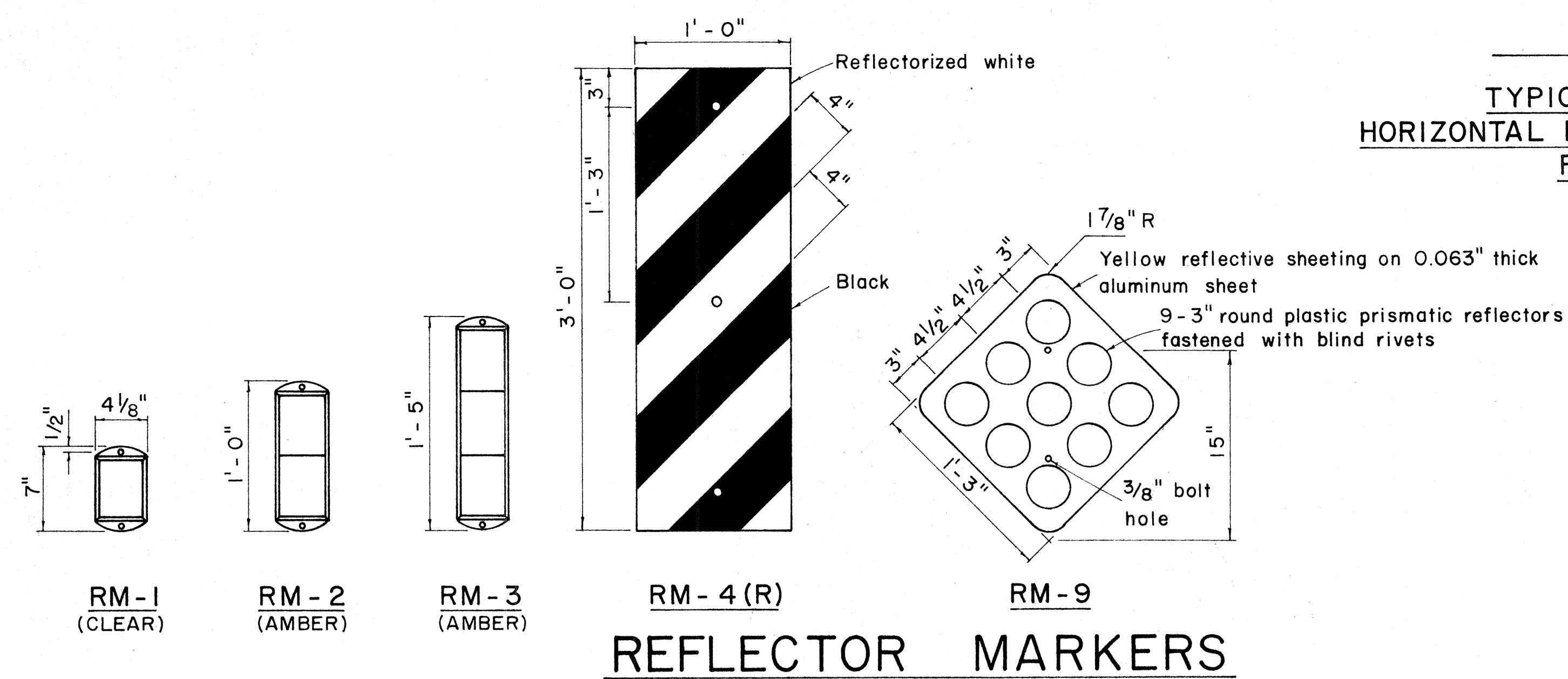
TYPICAL DETAIL
HORIZONTAL REFLECTOR MARKER
RM-3H



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.



REFLECTOR MARKERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

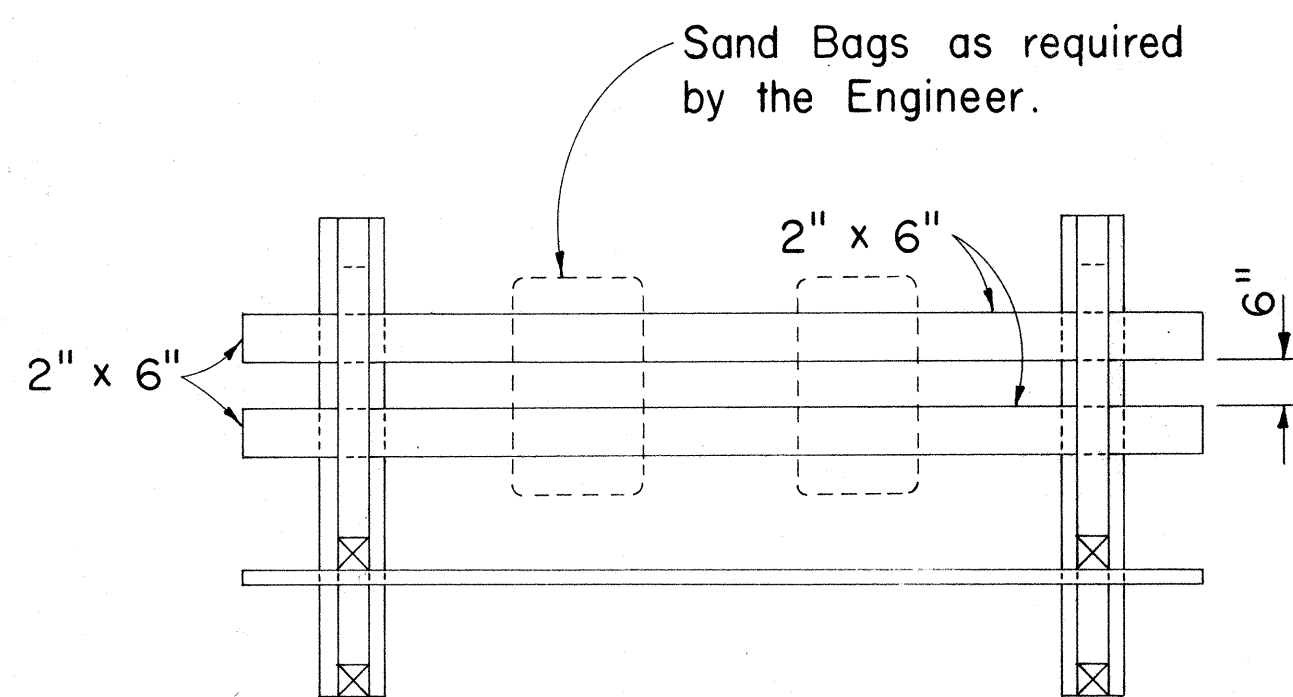
STANDARD DETAILS
MISCELLANEOUS SIGN DETAILS

Not to scale March, 1968

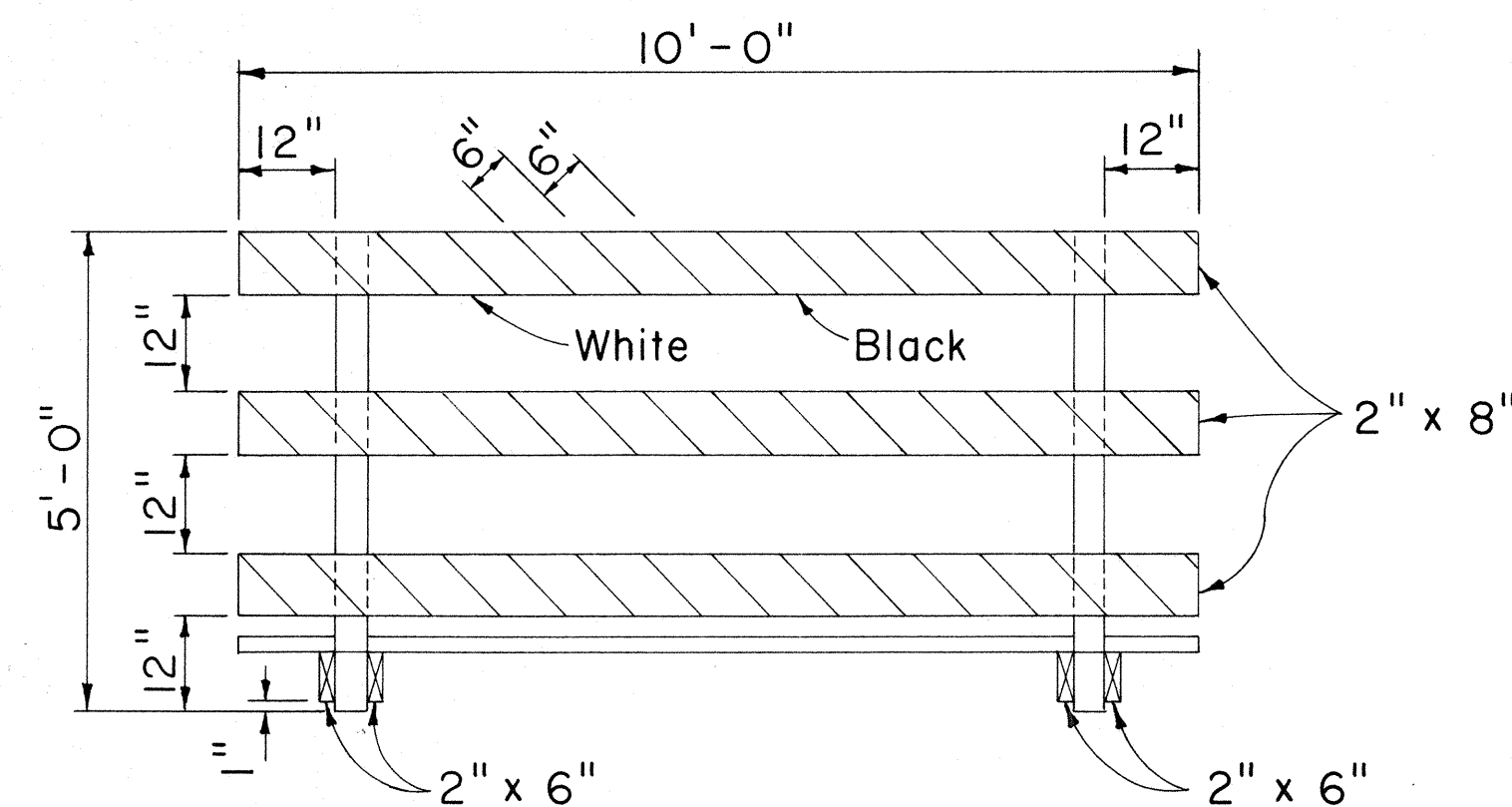
SHEET No. 11 OF 13 SHEETS

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

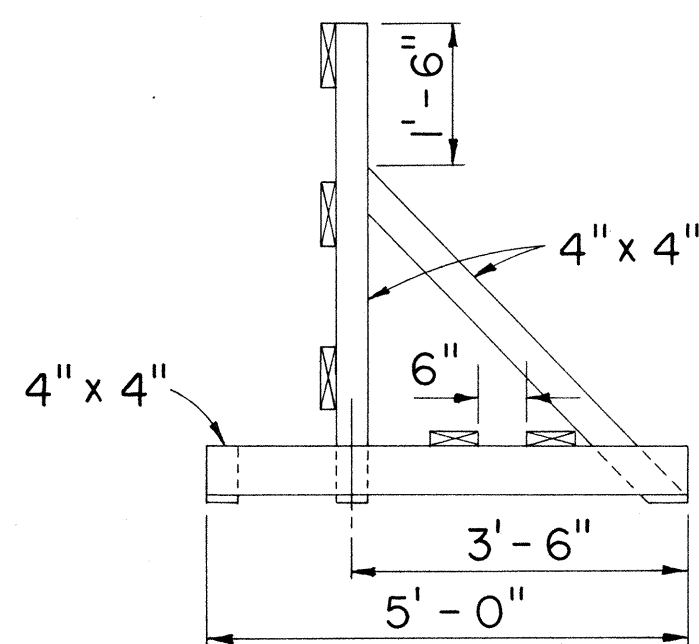
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63A-02-G8	1968	28	31



PLAN VIEW



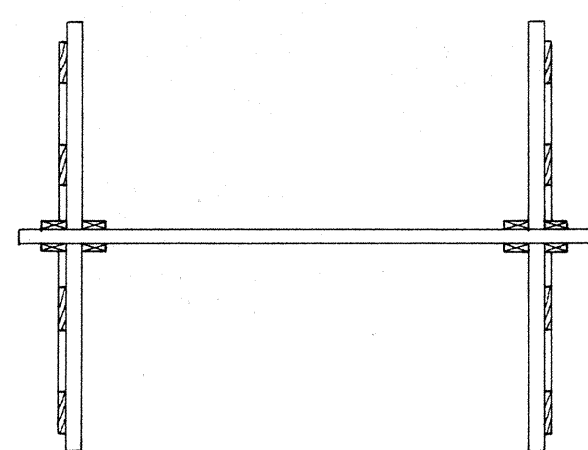
FRONT VIEW



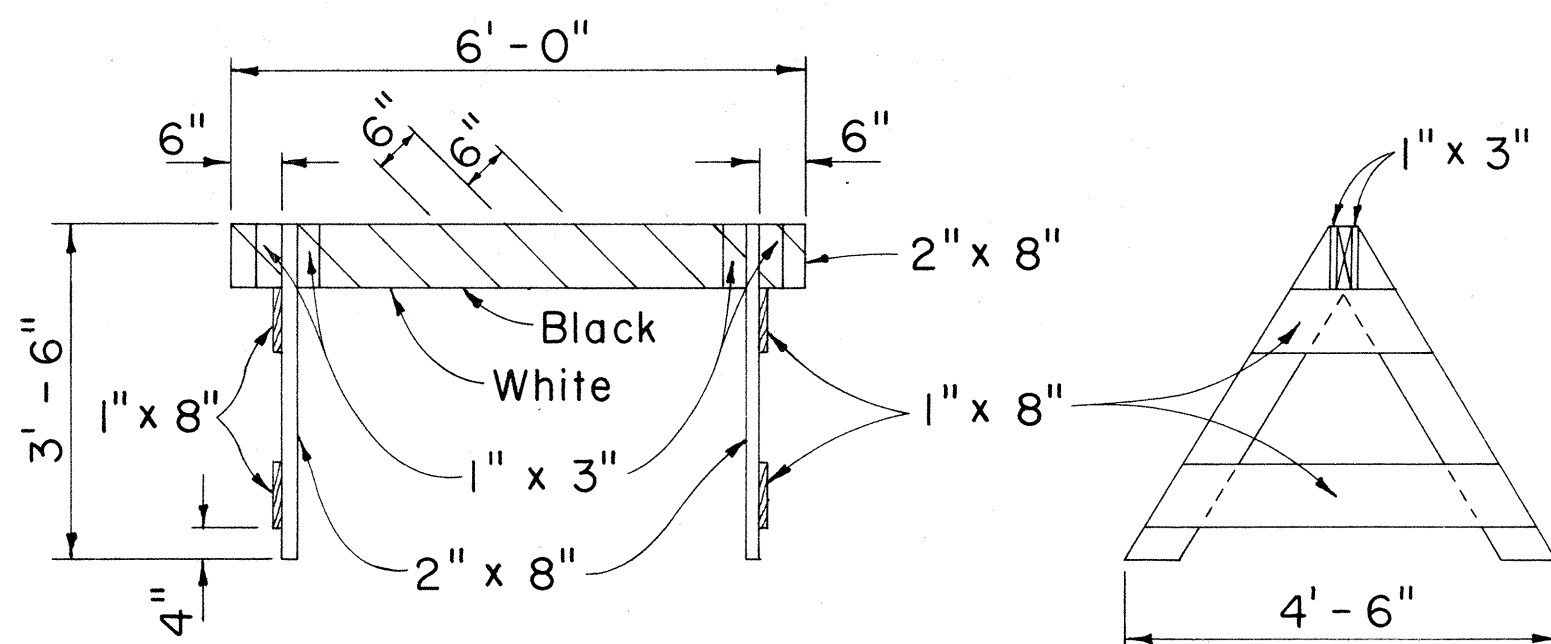
END VIEW

CLASS I BARRICADE

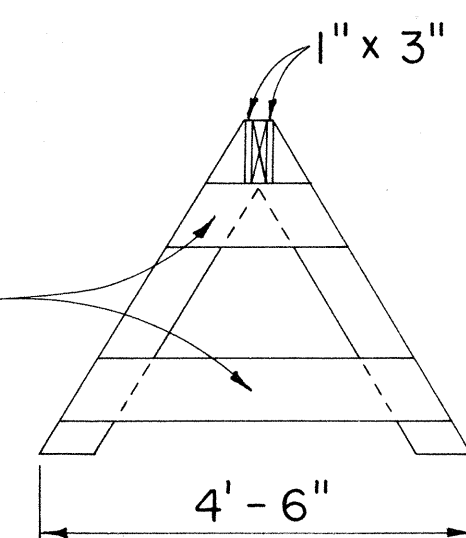
Scale: 1/2" = 1'-0"



PLAN VIEW



FRONT VIEW



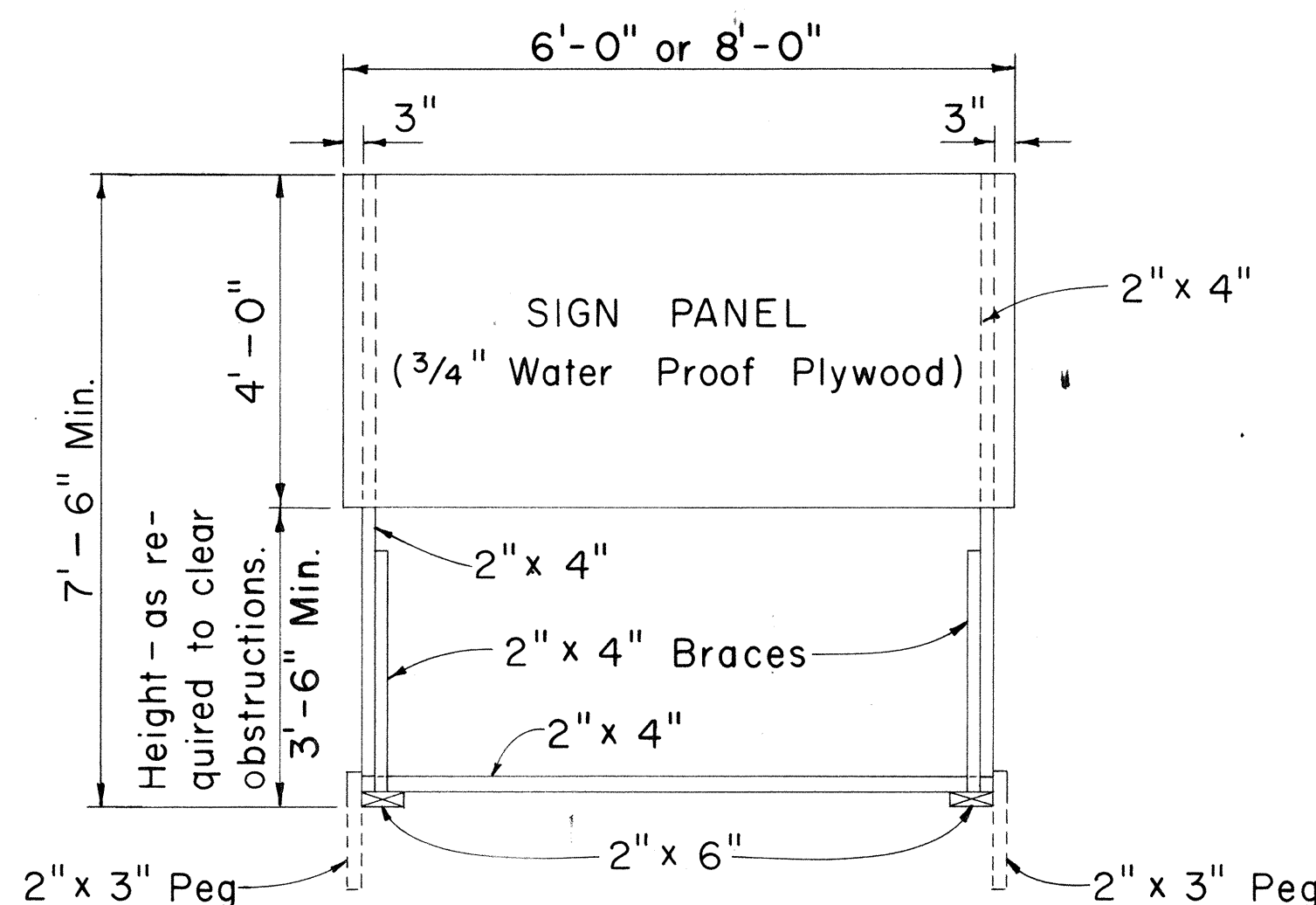
END VIEW

CLASS II BARRICADE

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

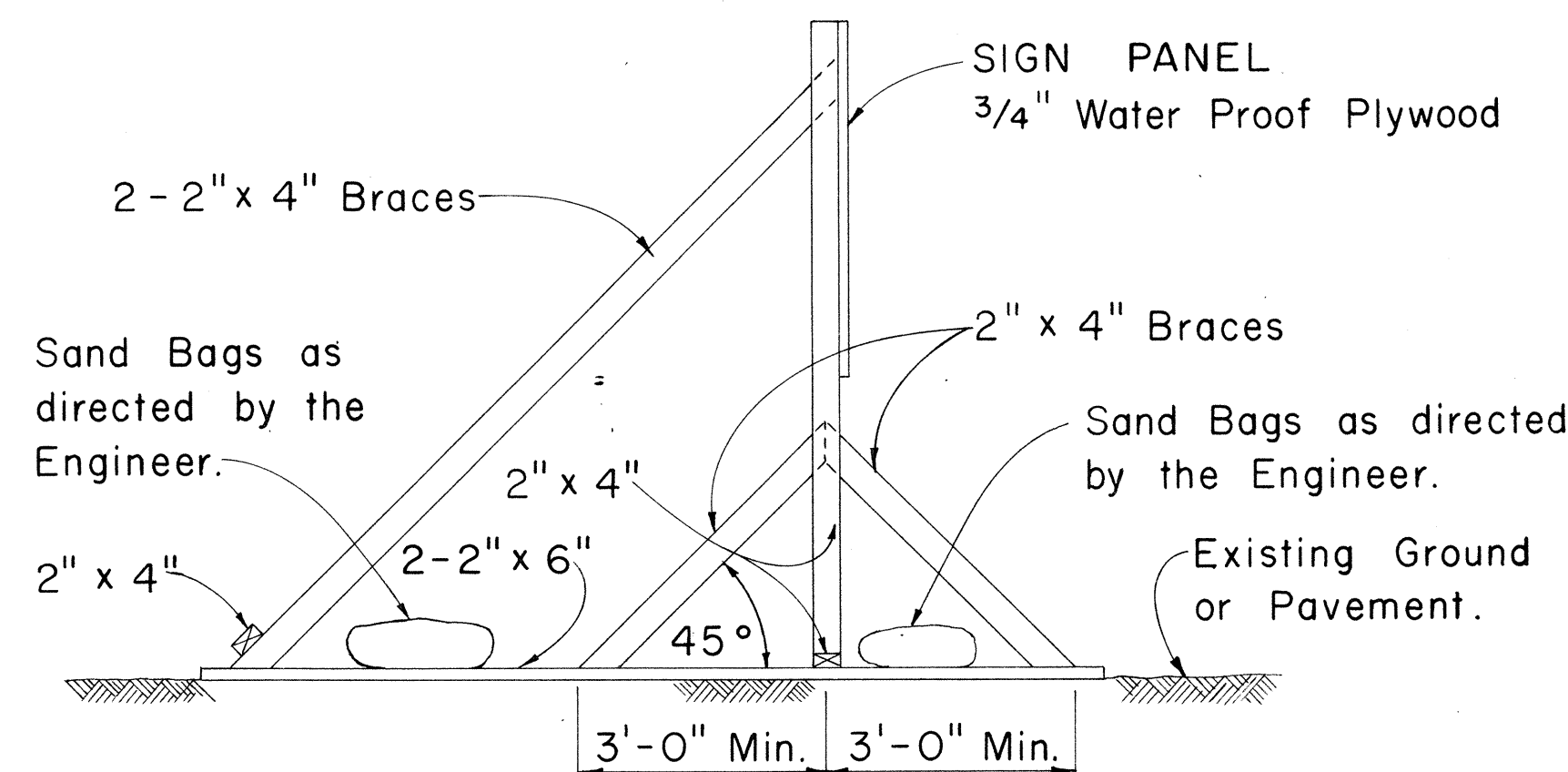
GENERAL NOTES

1. The Contractor shall construct, install and maintain the wood barricades at the locations shown on the Plans.
2. 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.



FRONT VIEW

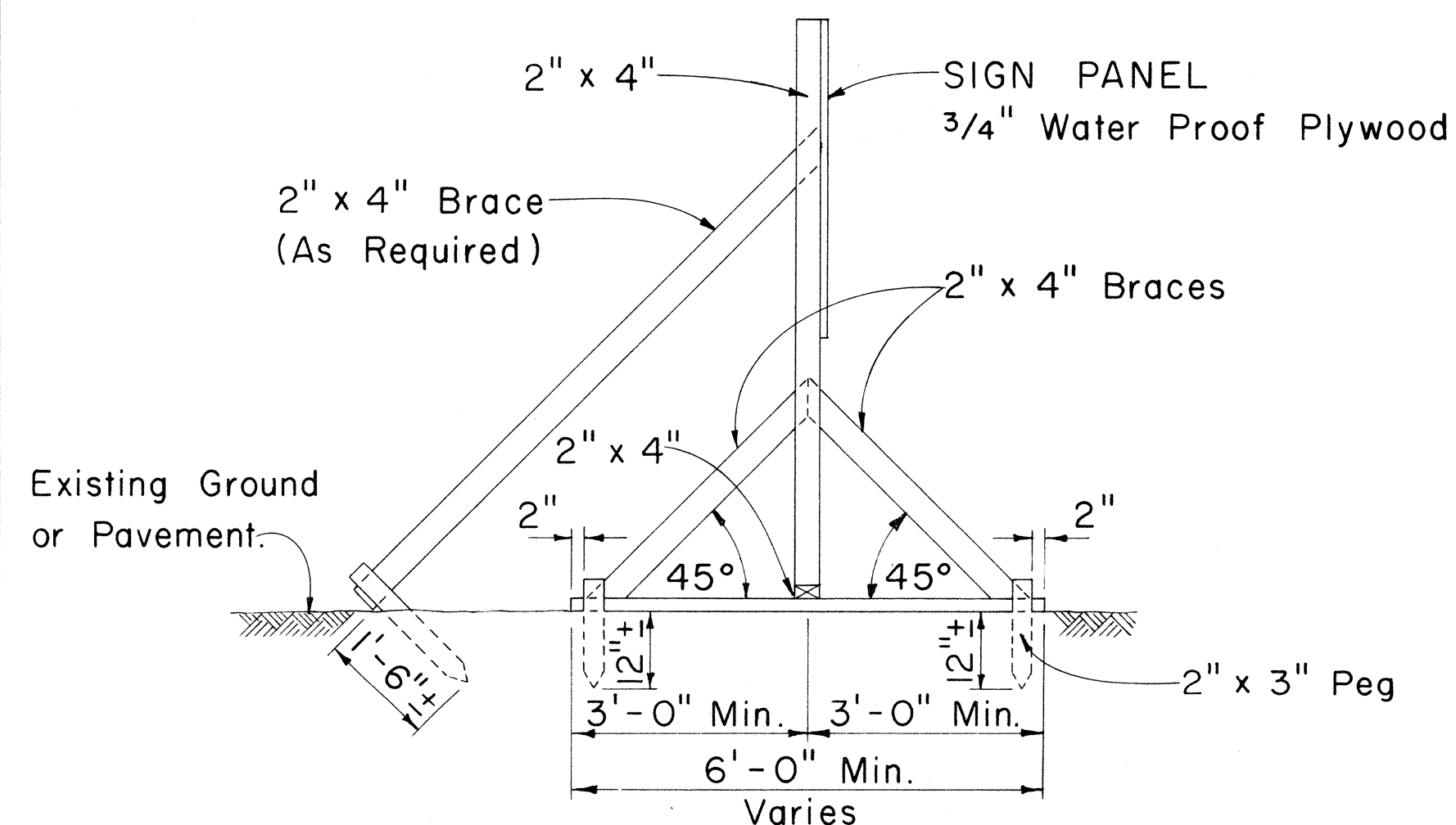
Scale: 1/2" = 1'-0"



SIDE VIEW

(SIGN FRAME WEIGHTED DOWN)

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



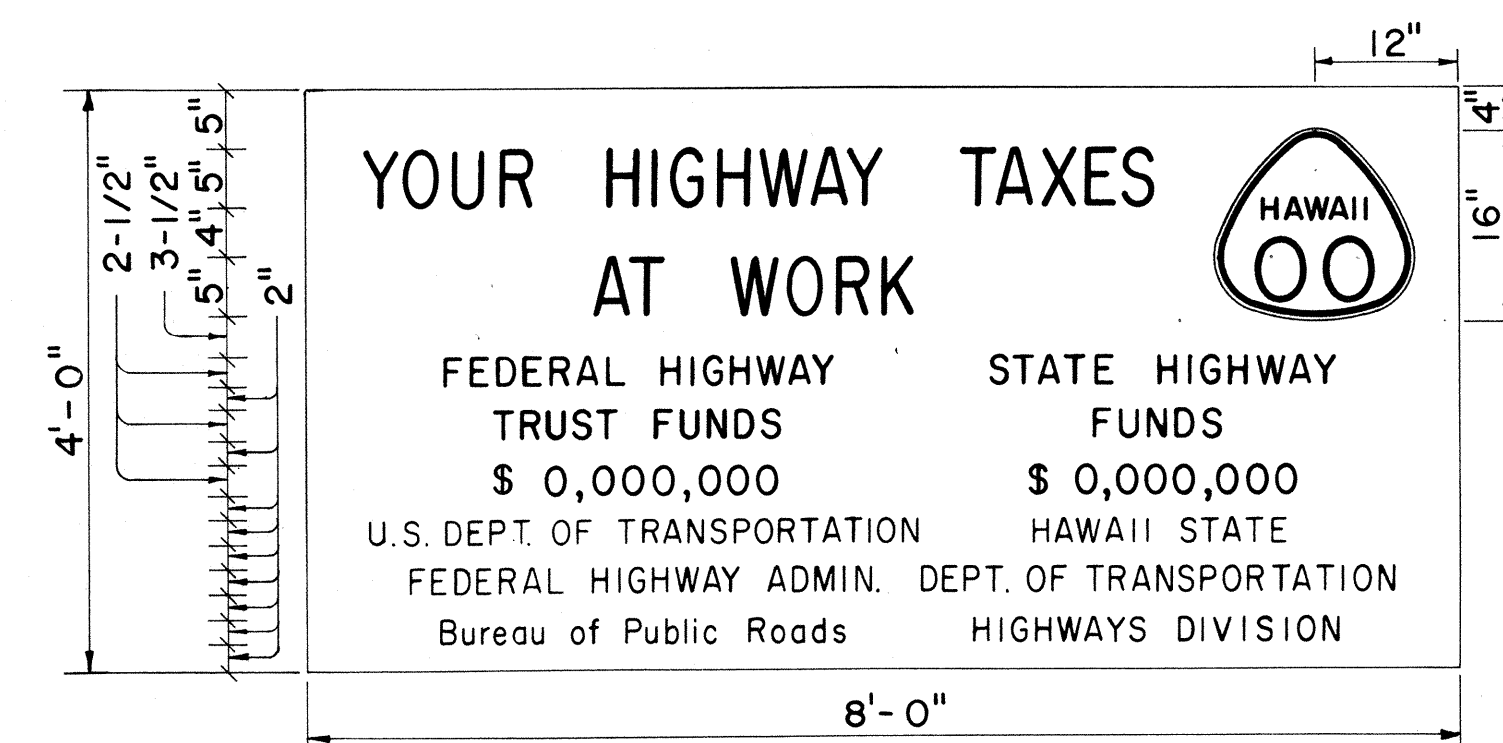
SIDE VIEW

(SIGN FRAME ANCHORED IN GROUND)

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

CONSTRUCTION IDENTIFICATION SIGN

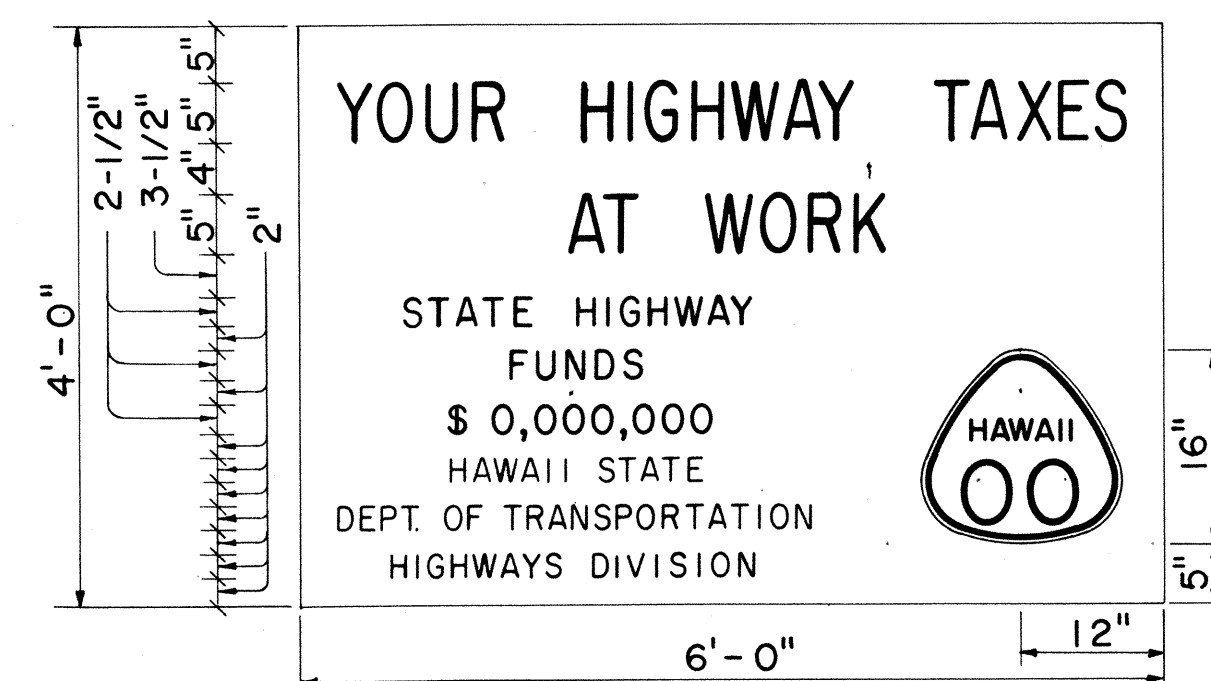
Scale: As Shown



SIGN PANEL

PRIMARY AND SECONDARY SYSTEMS

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



SIGN PANEL

NON-FEDERAL AID PROJECT

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

GENERAL NOTES

1. The sign legend shall be black on white background.
2. The Contractor shall construct, install and maintain the project signs at the locations shown on the plans and as ordered by the Engineer.
3. 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, 1966
4. The Contractor shall fill in the proper numerals in place of ciphers as ordered by the Engineer.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
CONSTRUCTION IDENTIFICATION SIGN
AND
WOOD BARRICADES

Scale: As Shown Date:

SHEET No. 12 OF 13 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.	63A-02-G8	1968	29	31

GENERAL NOTES

- The shape, color, dimensions, symbols, wording, lettering 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 $\frac{3}{8}$ " bolt holes drilled at appropriate locations unless otherwise specified.
- All markers shall have a black legend on a white background unless otherwise specified.
- Sign message of Cardinal Direction Marker (M6-1) shall be denoted by the following suffixes:

M6-1-N : NORTH
 M6-1-E : EAST
 M6-1-S : SOUTH
 M6-1-W : WEST
- Auxiliary markers denoted with the suffix "I": (M4-1-I) shall have a white legend on a blue background.
- Cardinal Direction Marker (M6-1) with suffix I (3) shall have a white legend on a blue background and shall be 30"x 15" in size.
- For MI-3 and MI-4 signs, number in () indicates route number and shall be as shown on the plan.

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

STANDARD DETAILS

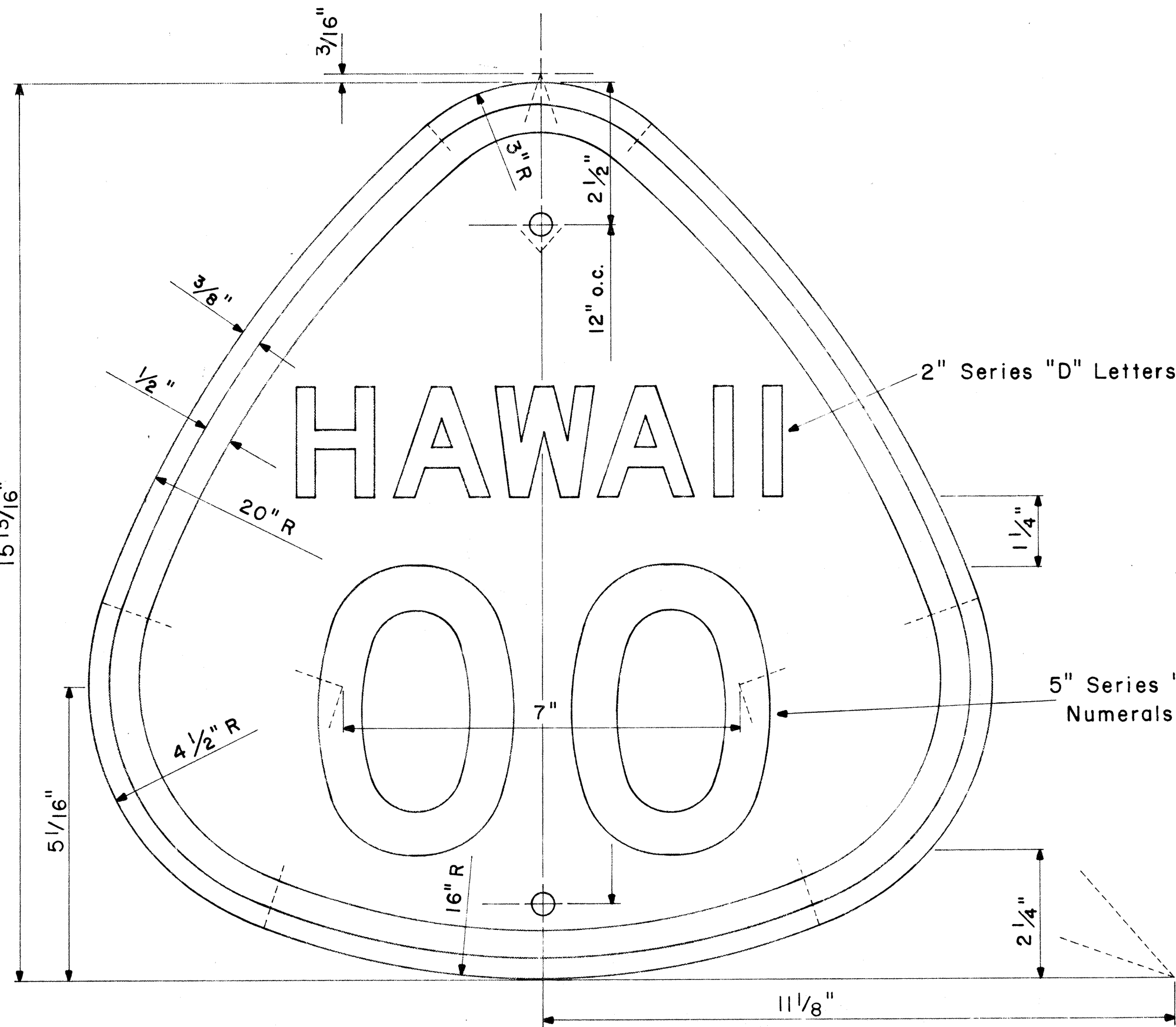
STATE ROUTE MARKERS

AND

AUXILIARY MARKERS

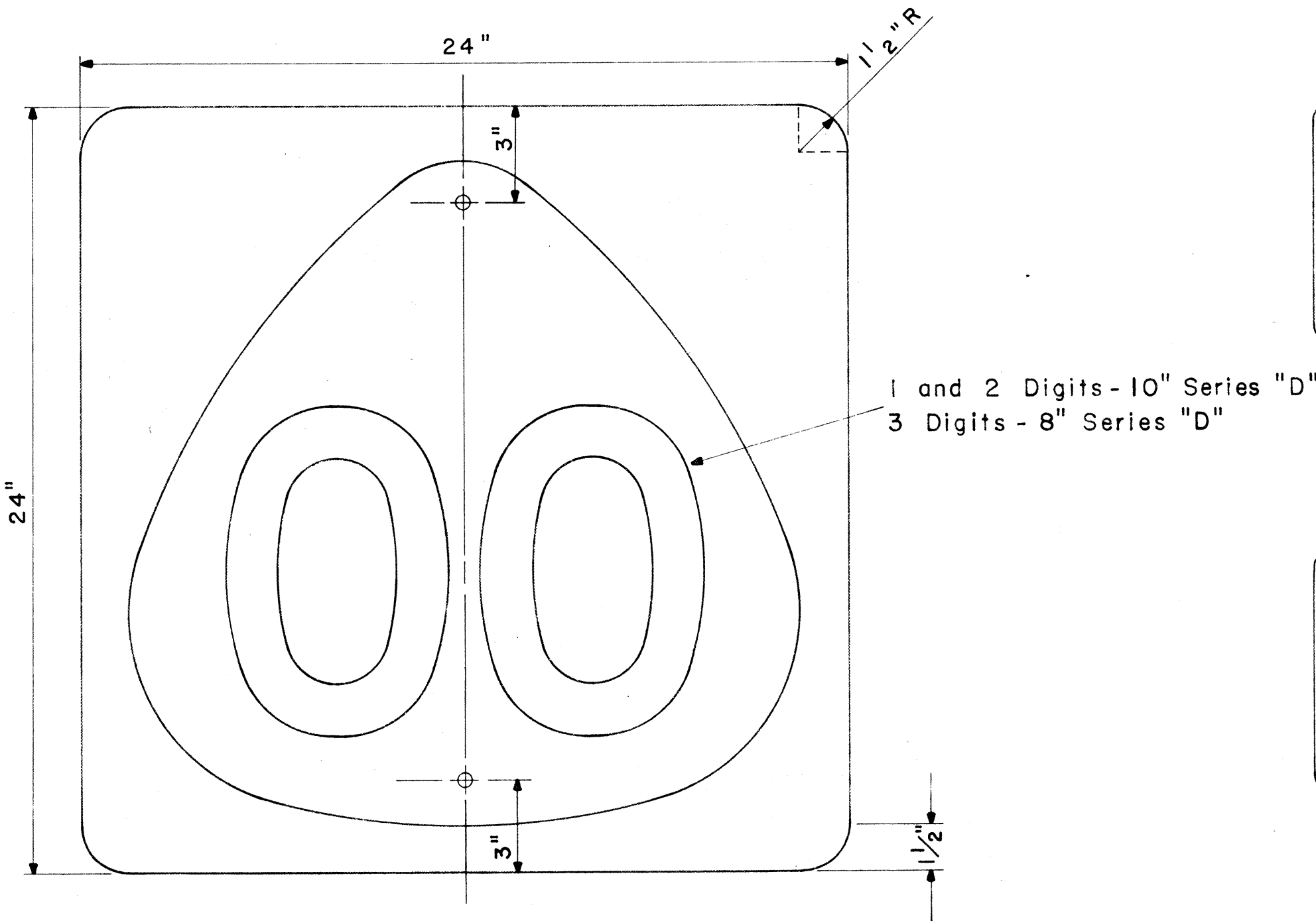
Scale: As Noted

SHEET NO 13 OF 13 SHEETS



STATE ROUTE MARKER
MI-3(00)

Scale: $\frac{1}{2}$ " = 1"

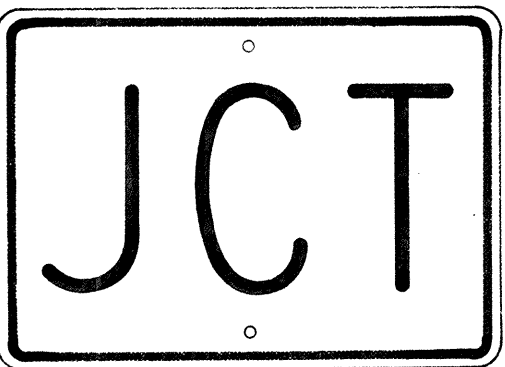


STATE ROUTE MARKER
MI-4(00)

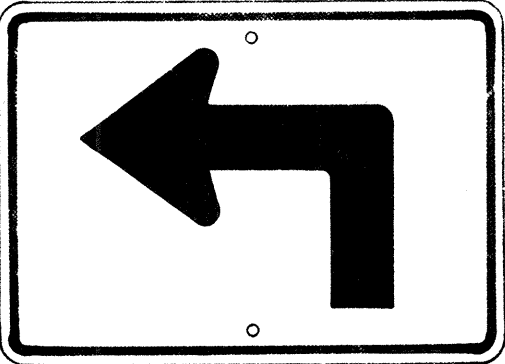
Scale: $\frac{1}{4}$ " = 1"

NOTE:

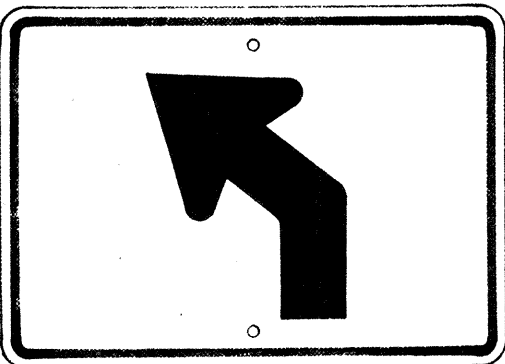
Multiply all dimensions of State Route Marker MI-3 by 1.3 for the dimensions of the shield for MI-4.



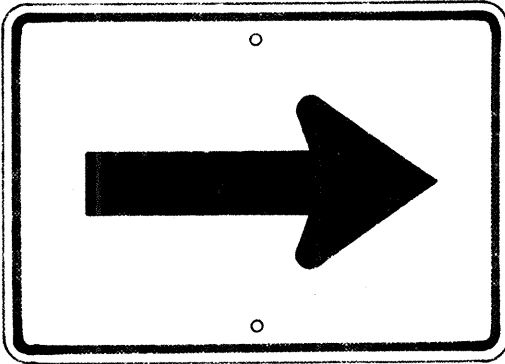
M2-1
21" x 15"



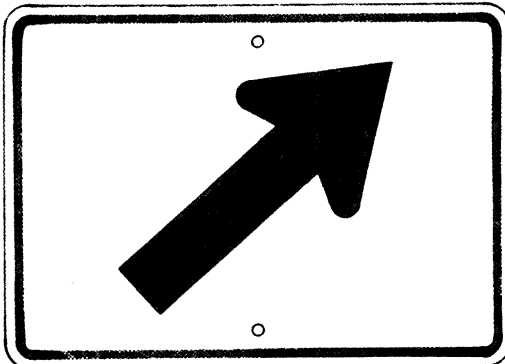
M3-1-L
* M3-1-R
21" x 15"



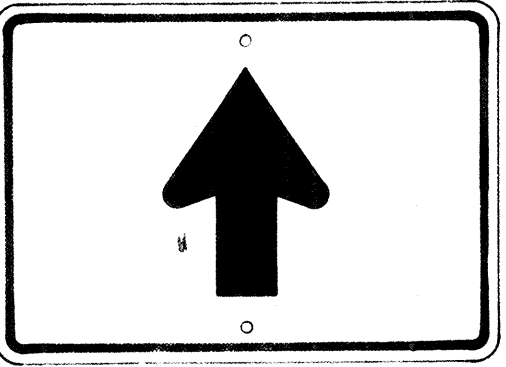
M3-2-L
* M3-2-R
21" x 15"



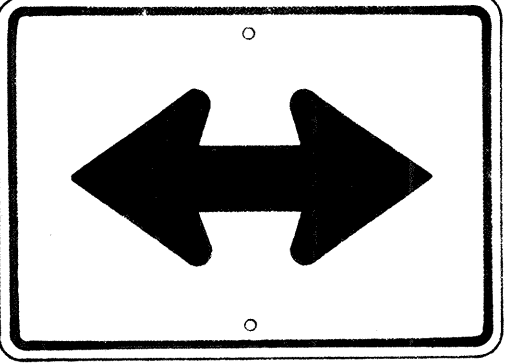
M4-1
21" x 15"



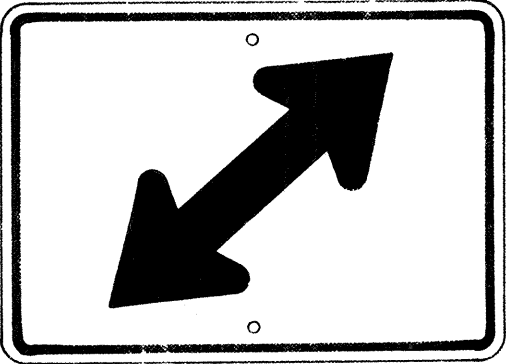
M4-2-R
* M4-2-L
21" x 15"



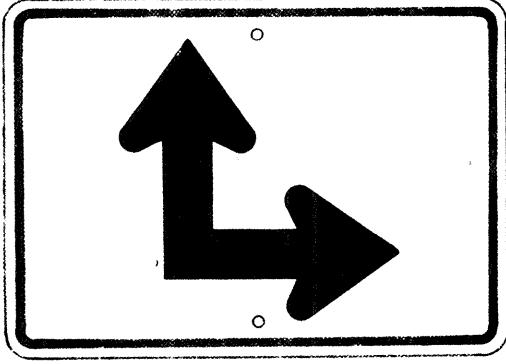
M4-3
21" x 15"



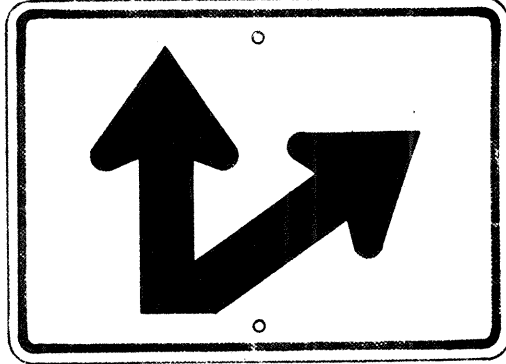
M4-4
21" x 15"



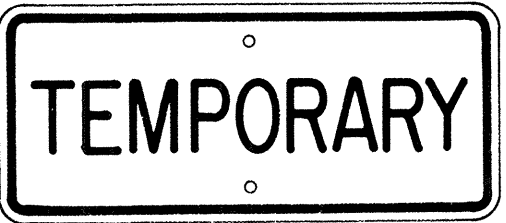
M4-5-R
* M4-5-L
21" x 15"



M4-6-R
* M4-6-L
21" x 15"



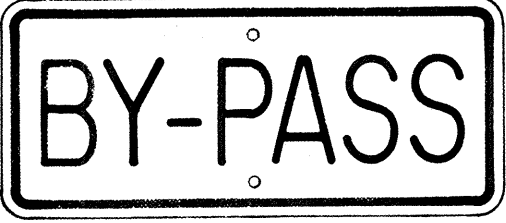
M4-7-R
* M4-7-L
21" x 15"



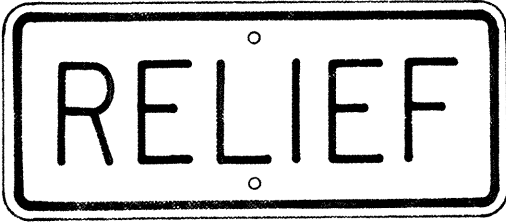
M5-1
21" x 9"



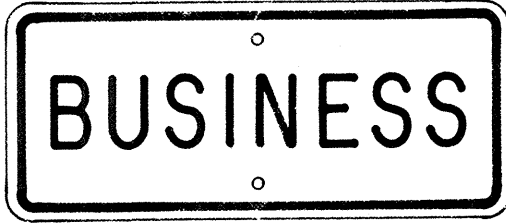
M5-2
21" x 9"



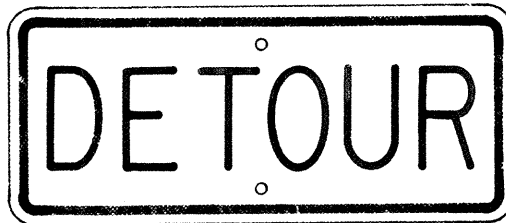
M5-3
21" x 9"



M5-4
21" x 9"



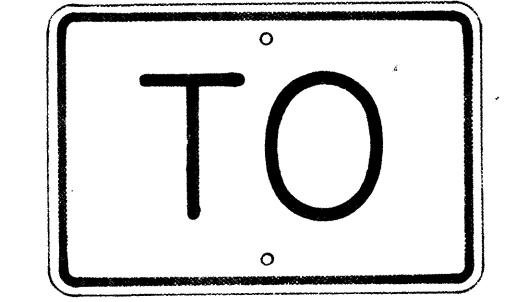
M5-5
21" x 9"



M5-6
21" x 9"



M6-1-N
21" x 9"
(See Note 6)



M7-1
18" x 12"

AUXILIARY MARKERS

Scale: $\frac{1}{8}$ " = 1"

* NOTE:

Signs shall be similar but opposite in direction.

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
NO.	