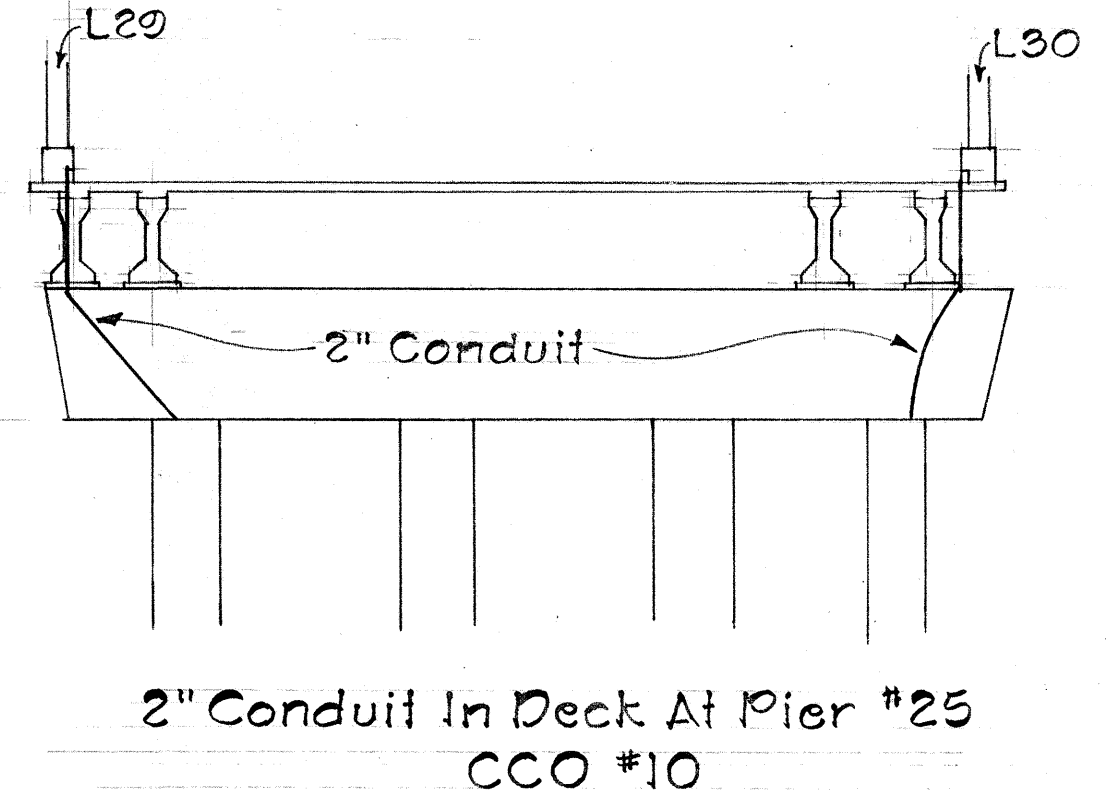
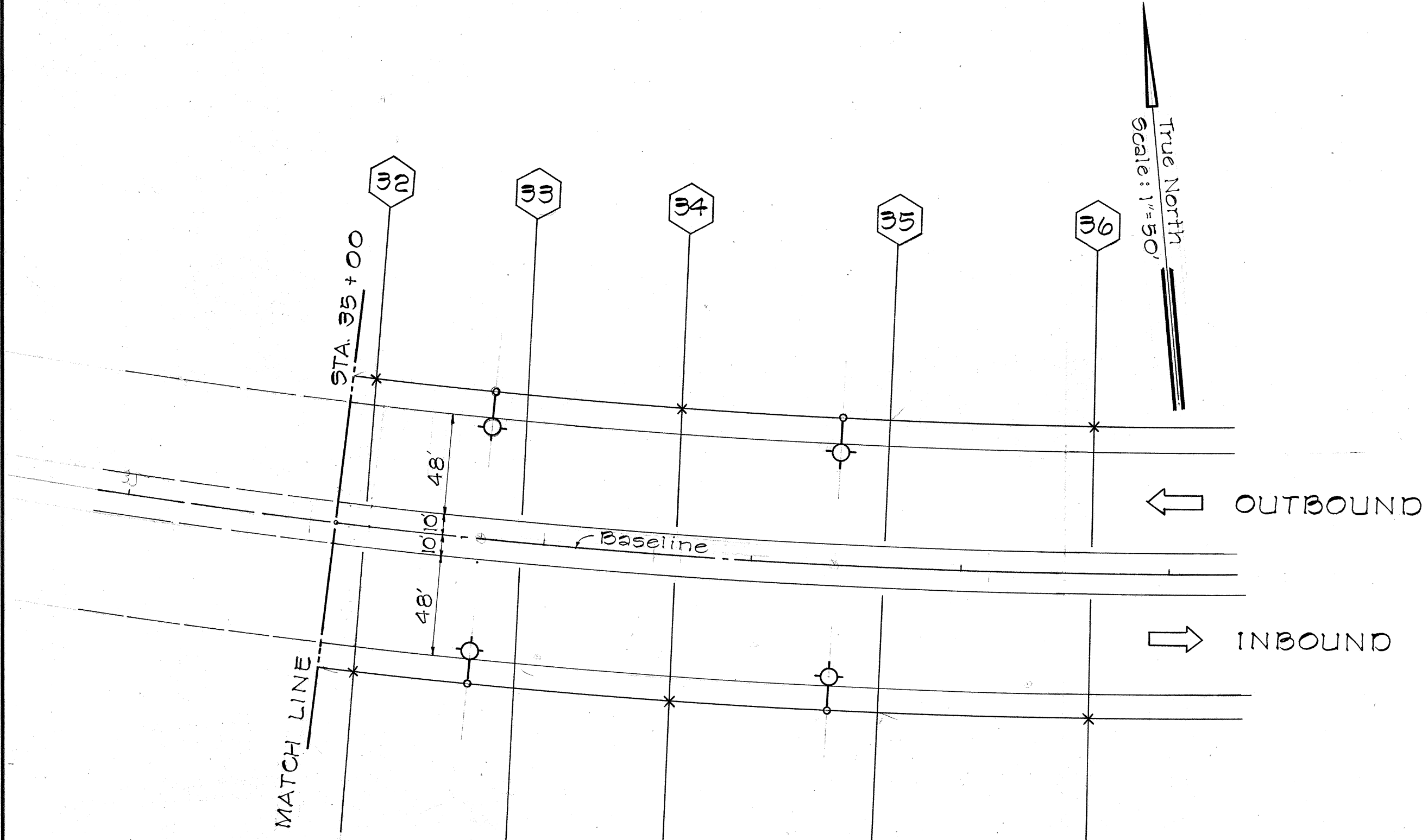
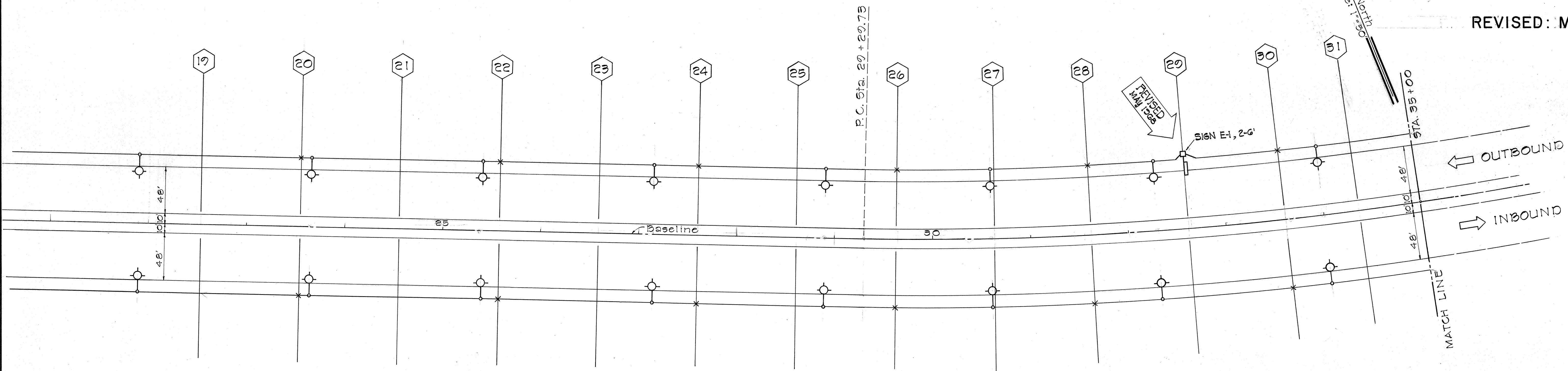


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-142	1968	57A	59

REVISED: May 1968



SYMBOLS

- Future Street Light Standard with Mast Arm and 400w Mercury Luminaire. Provide Conduits and Anchor Bolts rough-in only.
- Rigid Steel Conduits concealed in Concrete Barrier Wall.
- × Expansion Coupling

NOTE:

- Provide Conduits, Junction Boxes, Anchor Bolts and Expansion Coupling only. Pole Standards, Mast Arms, Photoelectric Control Luminaire and Conductors to be installed later.
- Lighting for Expressway Sign E-1 shall be installed complete with luminaires, ballasts, step down transformer, wiring, etc. Feeder cable (2-#8) shall be continuous from sign to junction box with sufficient length coiled for future connection.

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PEARL CITY VIADUCT

LIGHTING PLAN

INTERSTATE ROUTE H-1

F.A.I. Proj. No. 1-HI-1(42)

Scale: 1" = 50'

Feb. 1968

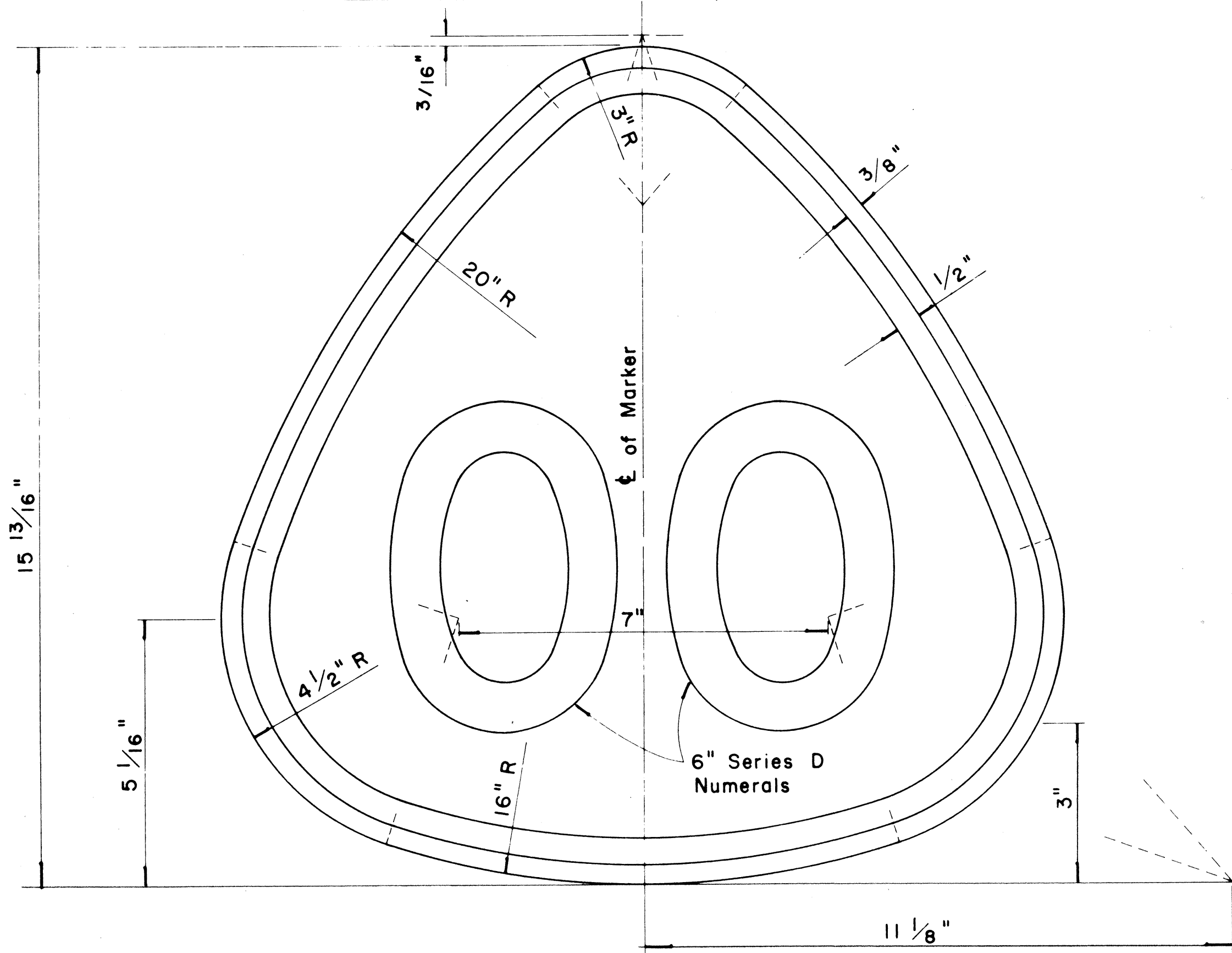
SHEET No. 1 OF 2 SHEETS

C. O. 57A

DATE	BY
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

REVISED
MAY 1968

Shield Size	Multiply Dimensions by	Nominal Size
16"	1	6" Series D
21"	1.3	8" Series D
32"	2.0	12" Series D
42"	2.63	15" Series D
48"	3	18" Series D

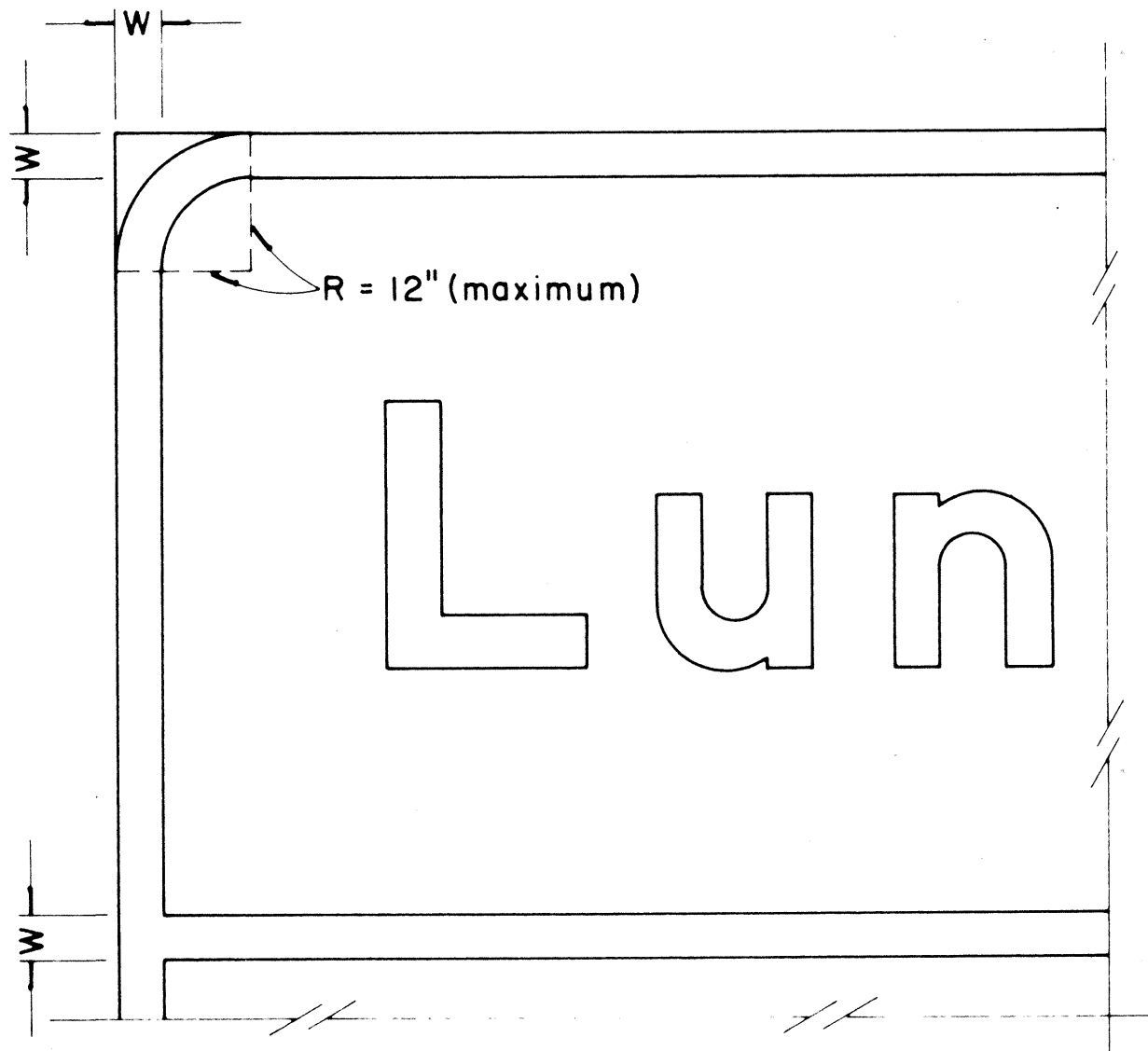


Scale: Half Size

NOTE:

1. State Route Markers on Destination and Expressway signs shall have black numerals and borders on a white reflectorized background mounted on a flat aluminum cut-out.
2. All numerals shall be Series "D" from the "Standard Alphabets for Highway Signs," Bureau of Public Roads, 1957.
3. All Cut-outs shall be fastened on sign panel with Aluminum blind rivets. See Special Provisions.

RADII FOR SIGNS		
Least Dimension of Sign	W	R
2' - 0" to 4' - 6"	2"	3"
4' - 9" to 5' - 6"	2"	6"
5' - 9" to 7' - 6"	2"	9"
7' - 9" and greater	2"	12"



BORDER DETAIL FOR DESTINATION & EXPRESSWAY SIGNS

No Scale

NOTE:

1. Area outside corner radius need not be trimmed.
2. All borders shall be embossed cut-outs, white and reflectorized.
3. All signs shall have borders.

REVISED: Nov. 29, 1967

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DESTINATION & EXPRESSWAY SIGNS

STATE ROUTE MARKER
AND
BORDER DETAIL

Scale: As Shown

SHEET No. OF SHEETS

MAY 1968

C. O. 570

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

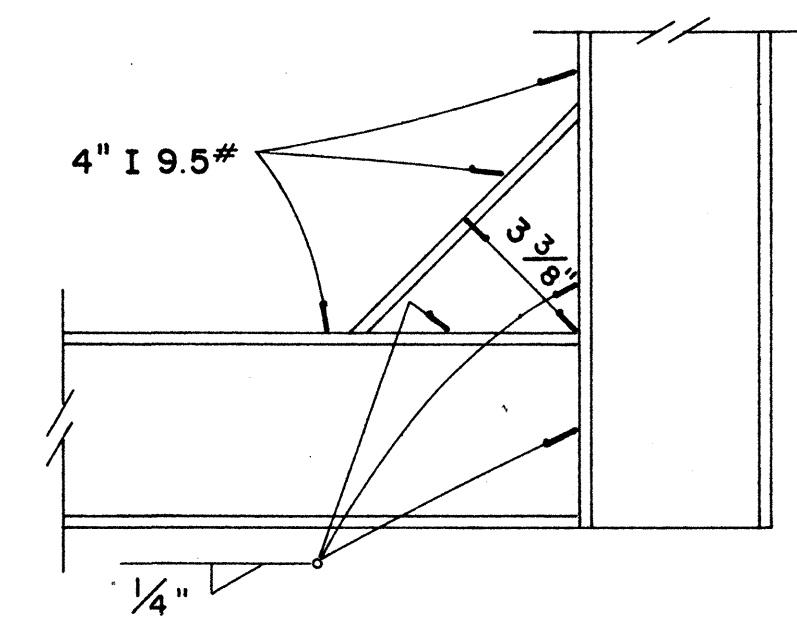
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HA-140	1968	57	59

GENERAL NOTES

1. Conduit sizes: $\frac{3}{4}$ " diameter for one or two Luminaire Units, 1" diameter for three or more Luminaire Units.
2. Fluorescent Fixtures shall be installed as recommended by the manufacturer.
3. Luminaire brackets shall be spaced to fit 4'-0" to 6'-0" luminaires with fittings. Eight feet (8'-0") luminaires shall have an additional bracket at midpoint.
4. All parts of the bracket shall be hot-dip galvanized, prime coated with a suitable primer and painted with three coats of dark green enamel.

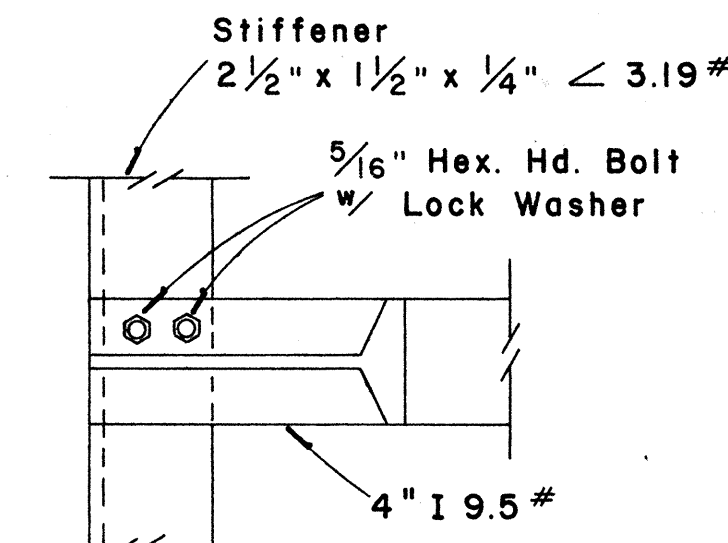
CONDUIT STRAP DETAIL

Scale: 3" = 1'-0"



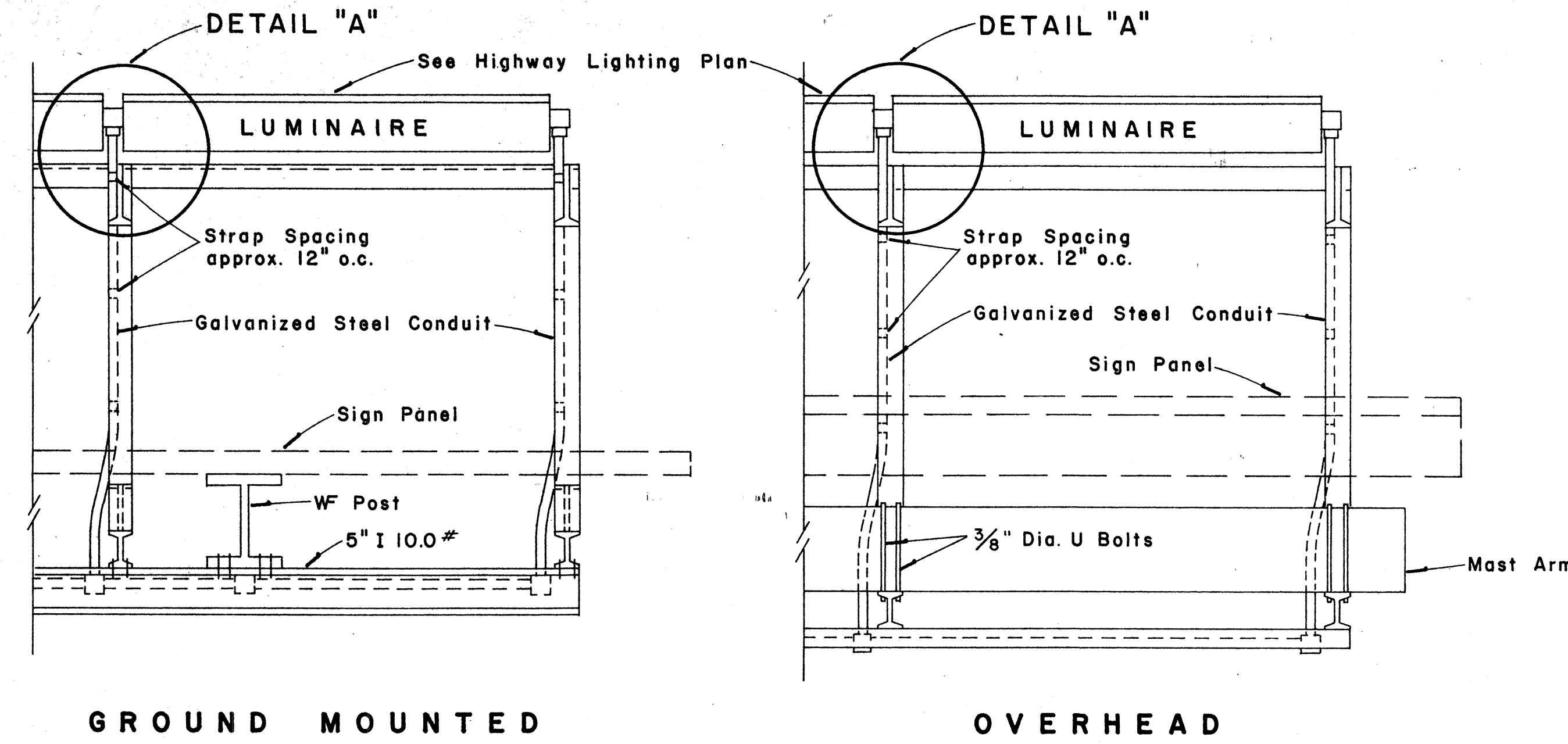
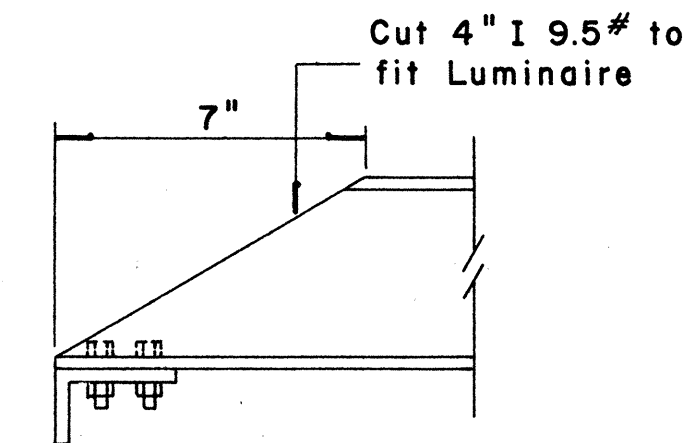
DETAIL "B"

Scale: 3" = 1'-0"



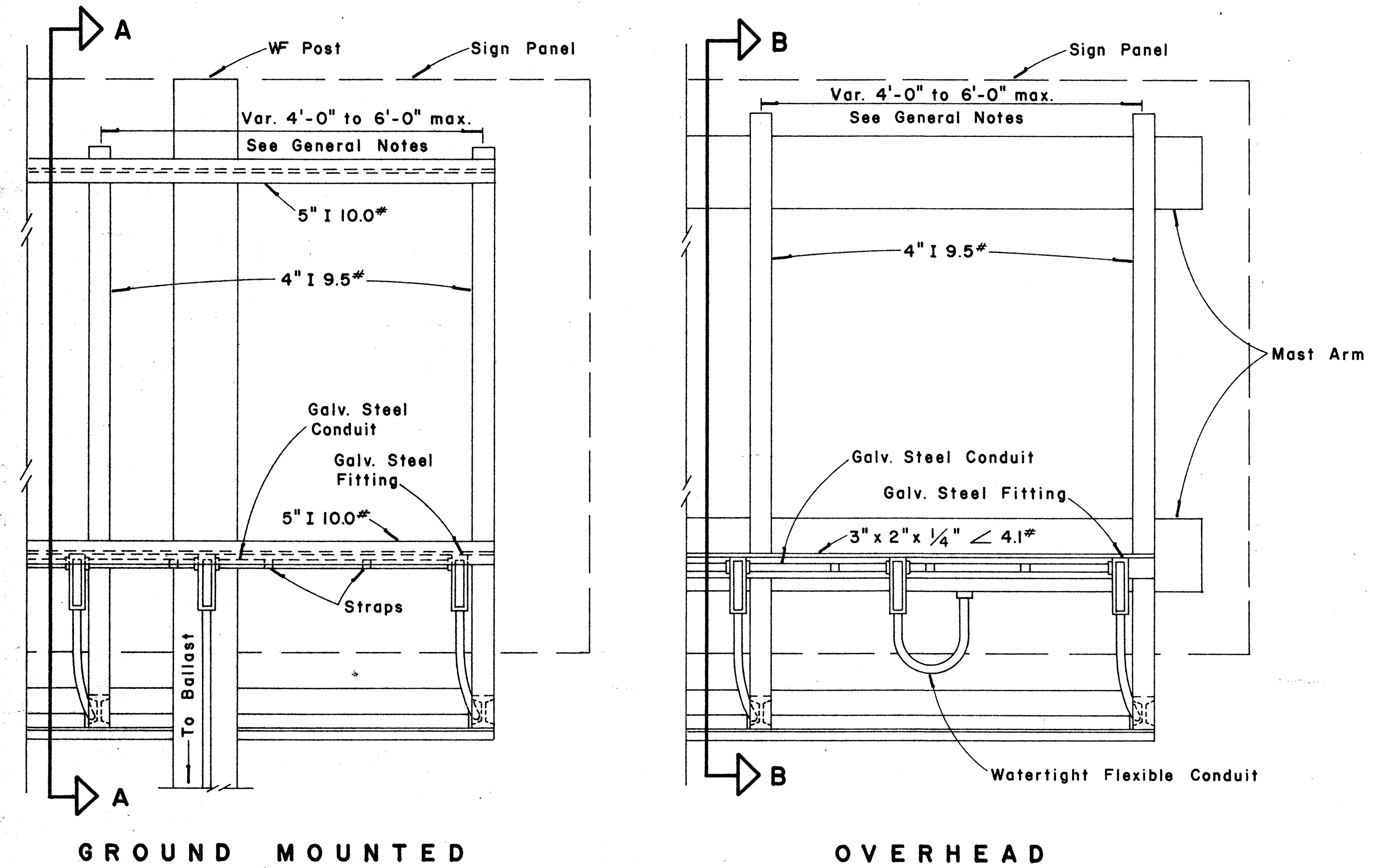
DETAIL "A"

Scale: 3" = 1'-0"



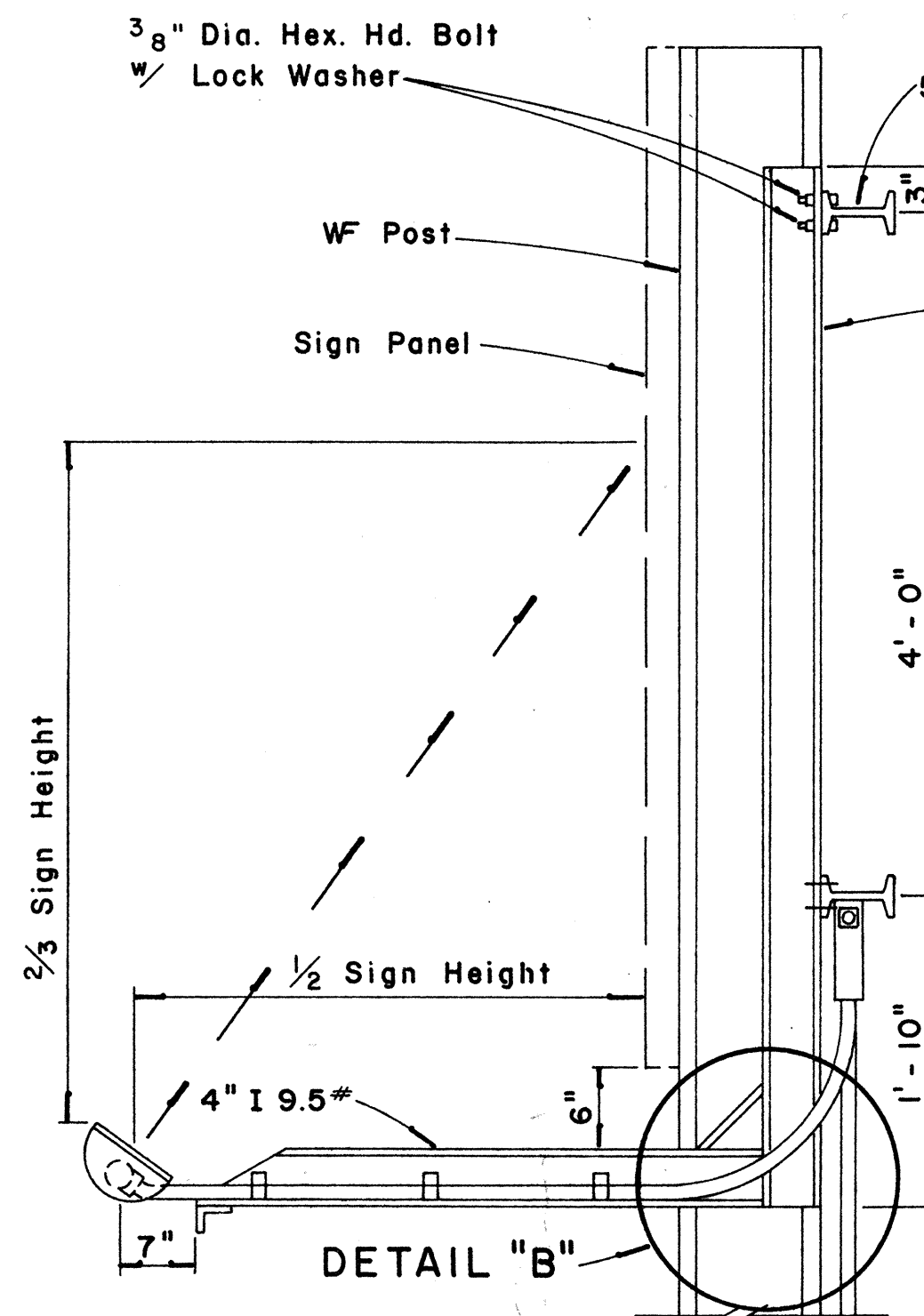
TOP VIEW LUMINAIRE MOUNTING

Scale: 1" = 1'-0"



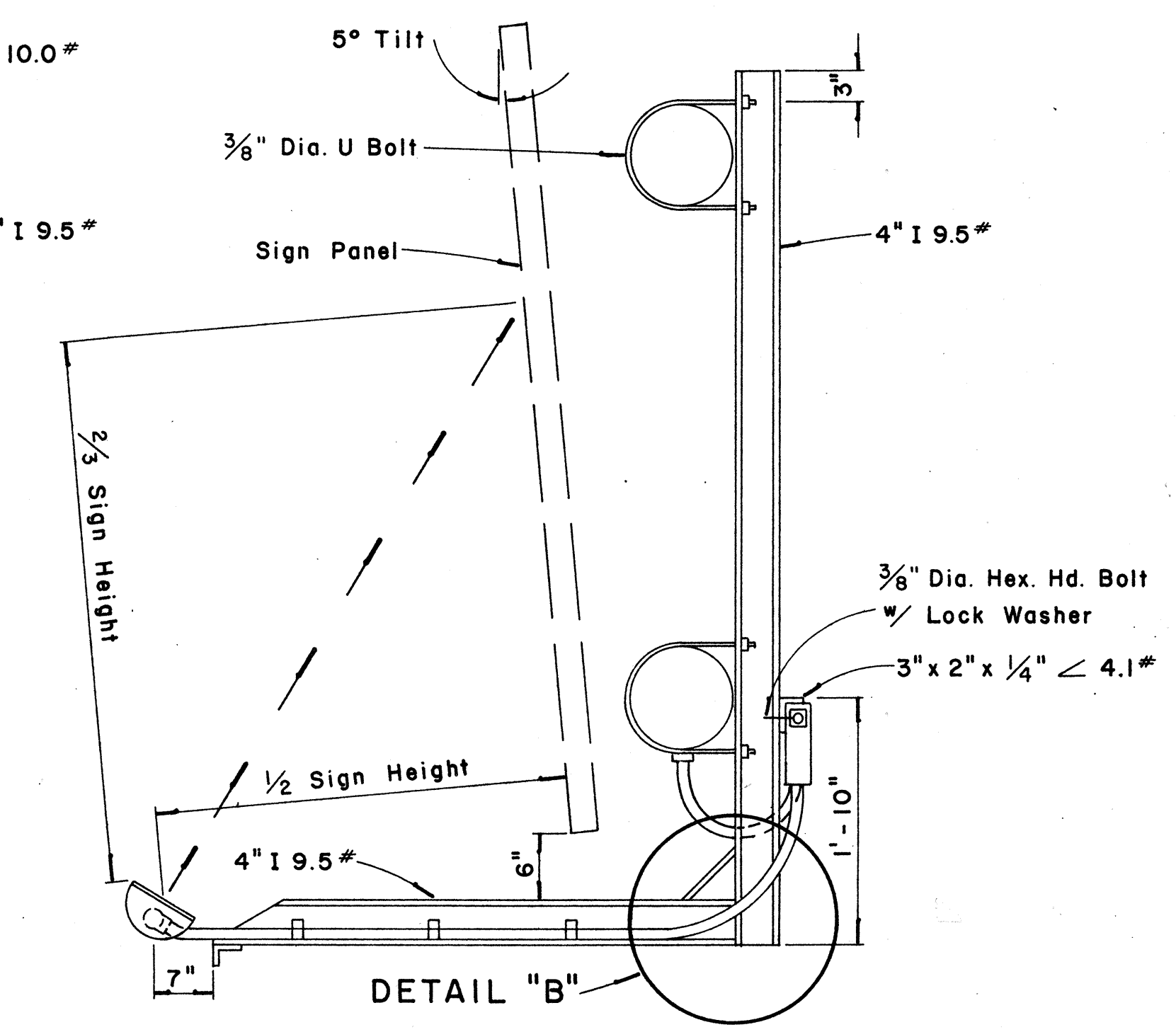
REAR VIEW LUMINAIRE MOUNTING

Scale: 1" = 1'-0"



SECTION "A-A"

Scale: 1" = 1'-0"



SECTION "B-B"

Scale: 1" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EXPRESSWAY SIGNS LUMINAIRE MOUNTINGS

Scale: As Shown

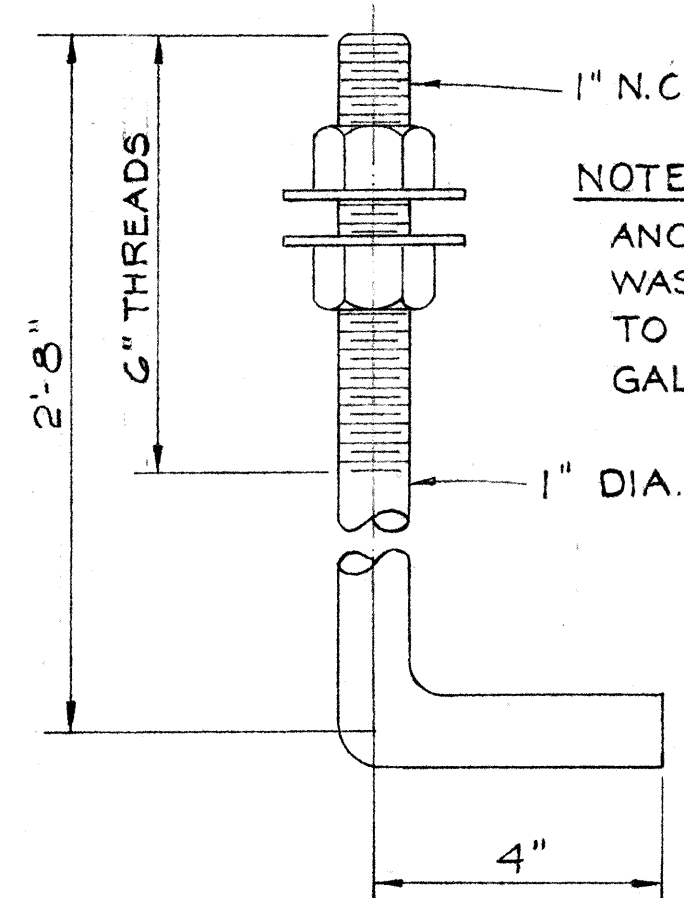
SHEET No. OF SHEETS

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

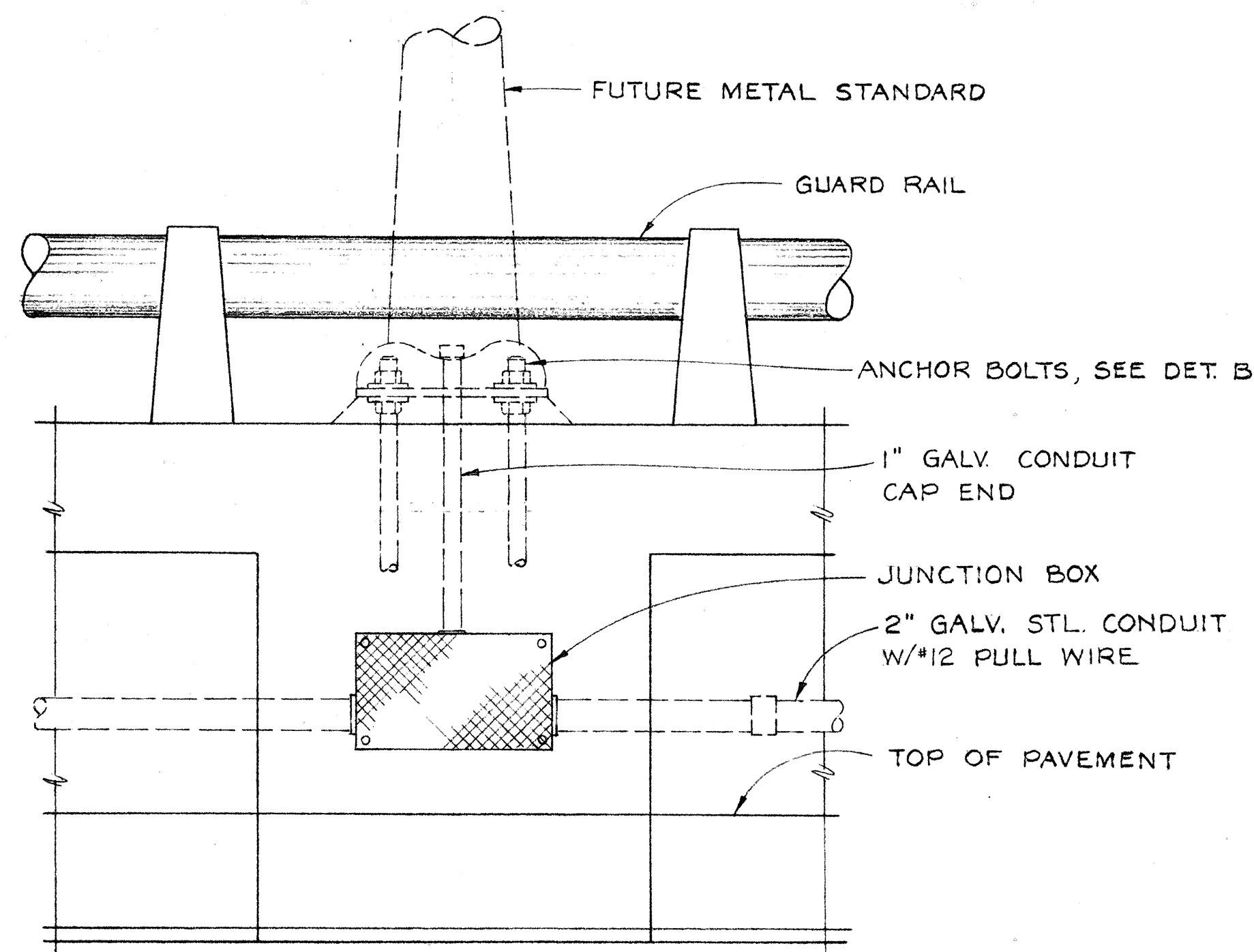
MAY 1968

C. O. 571E

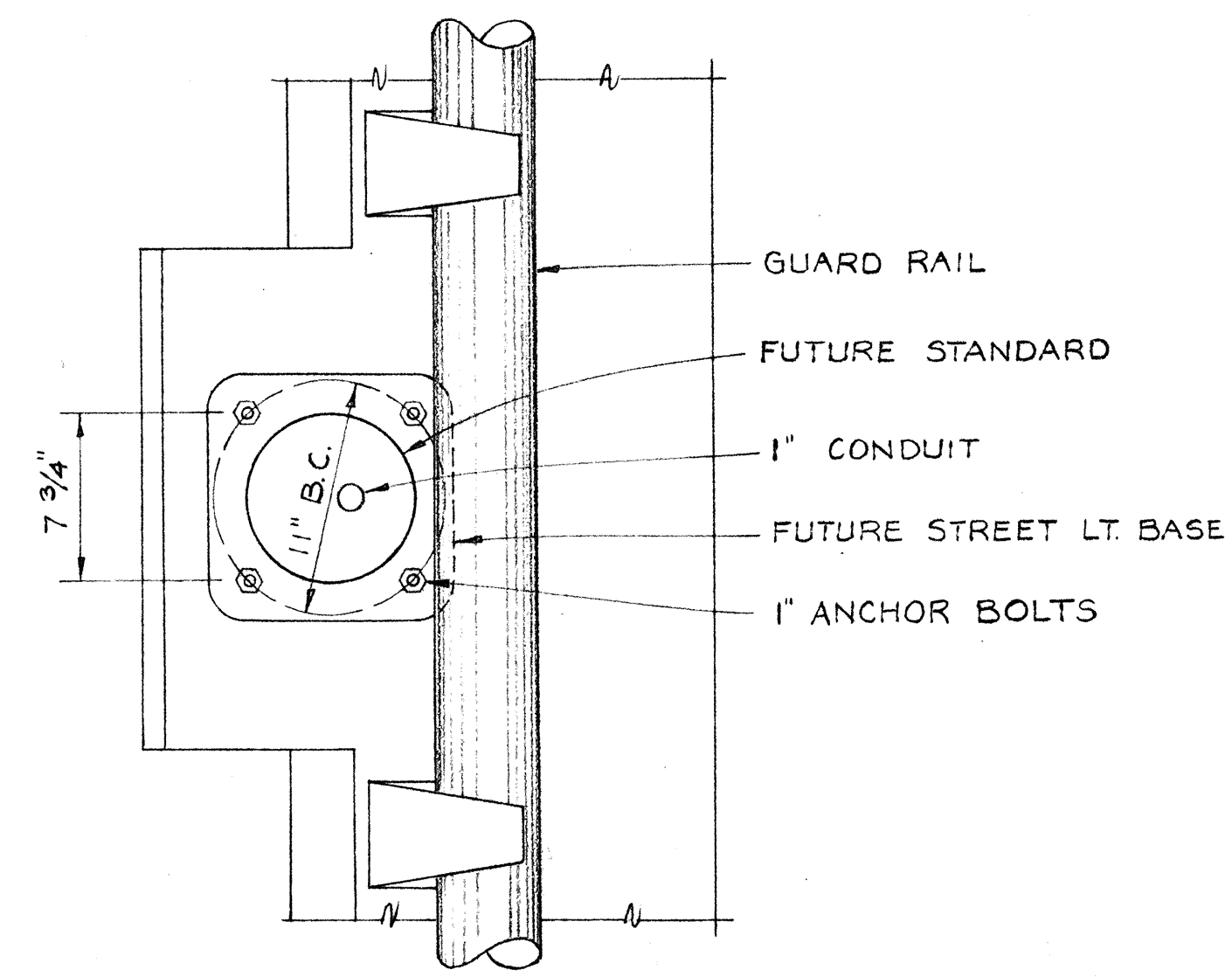
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1-1(42)	1968	58	59



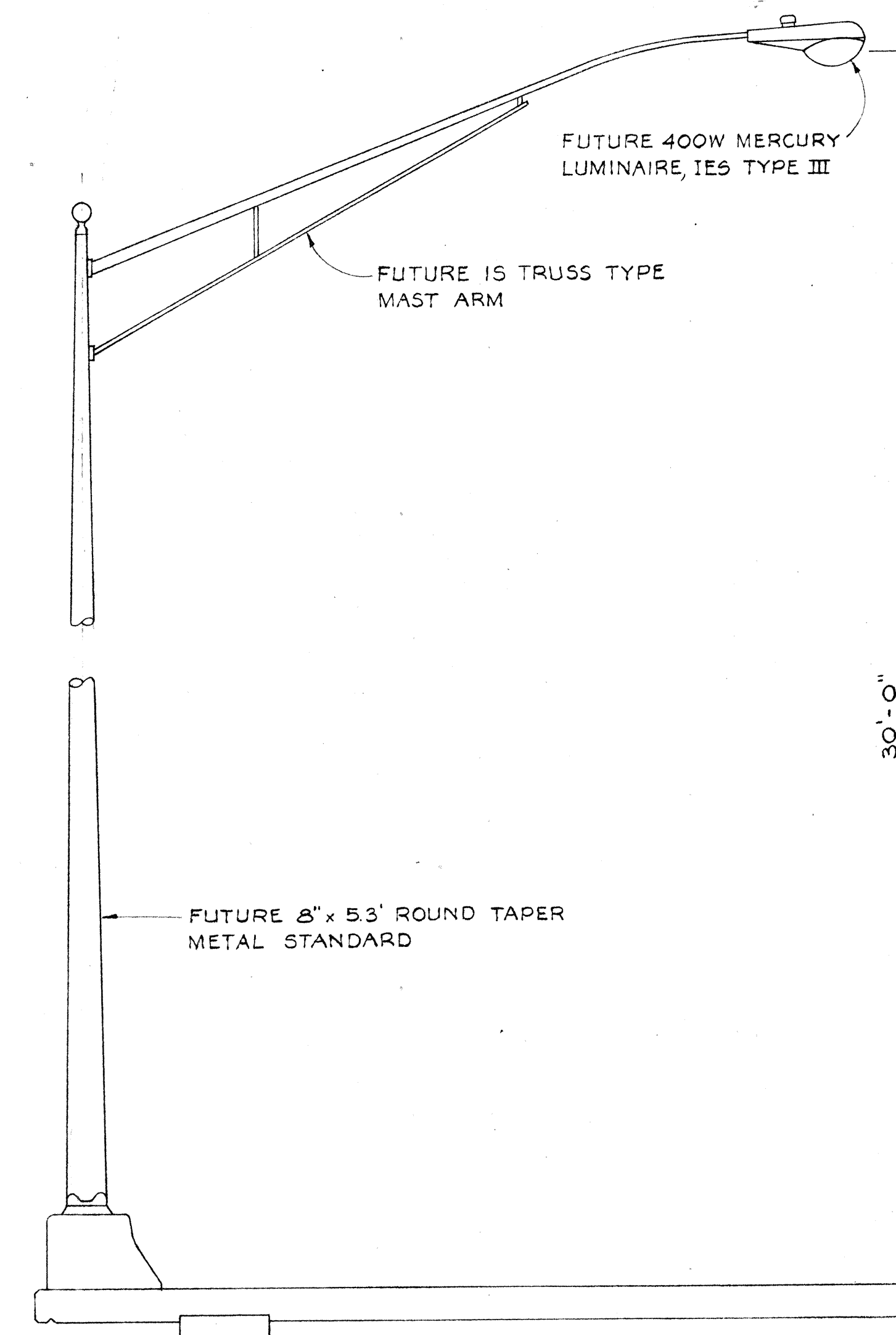
ANCHOR BOLT DETAIL **B**
SCALE: 3/8" = 1'-0"



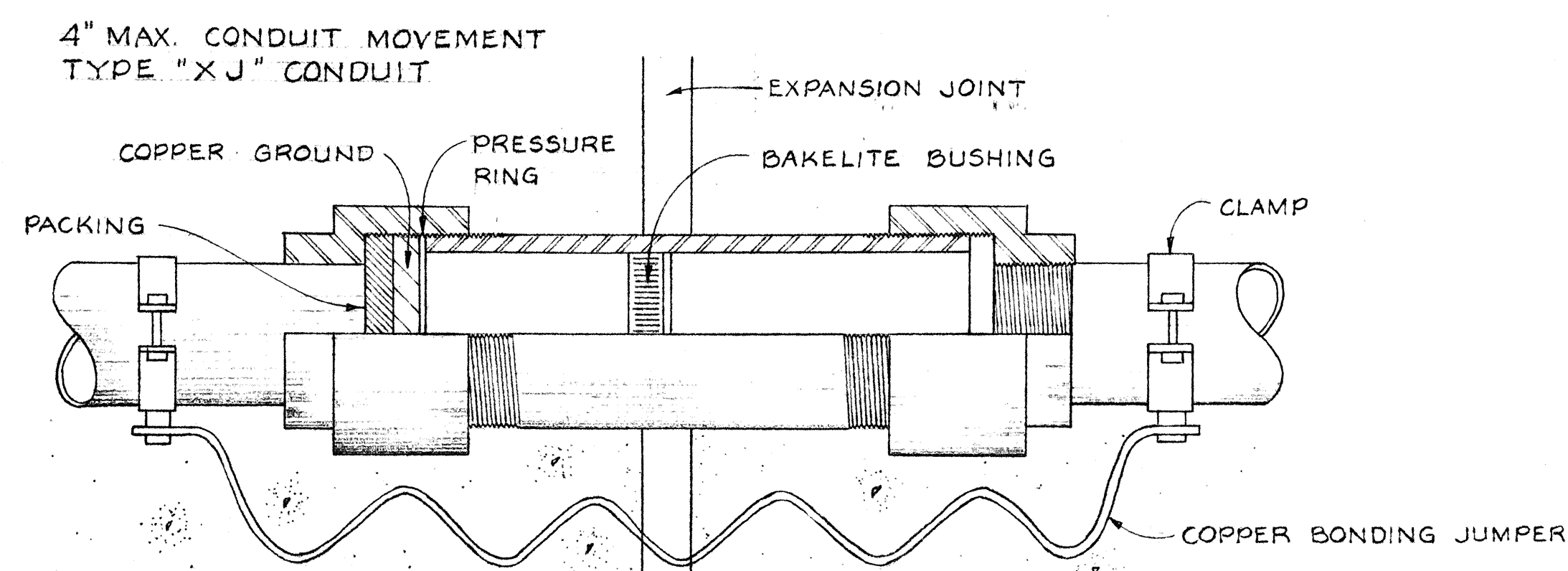
PART ELEVATION
SCALE: 1 1/2" = 1'-0"



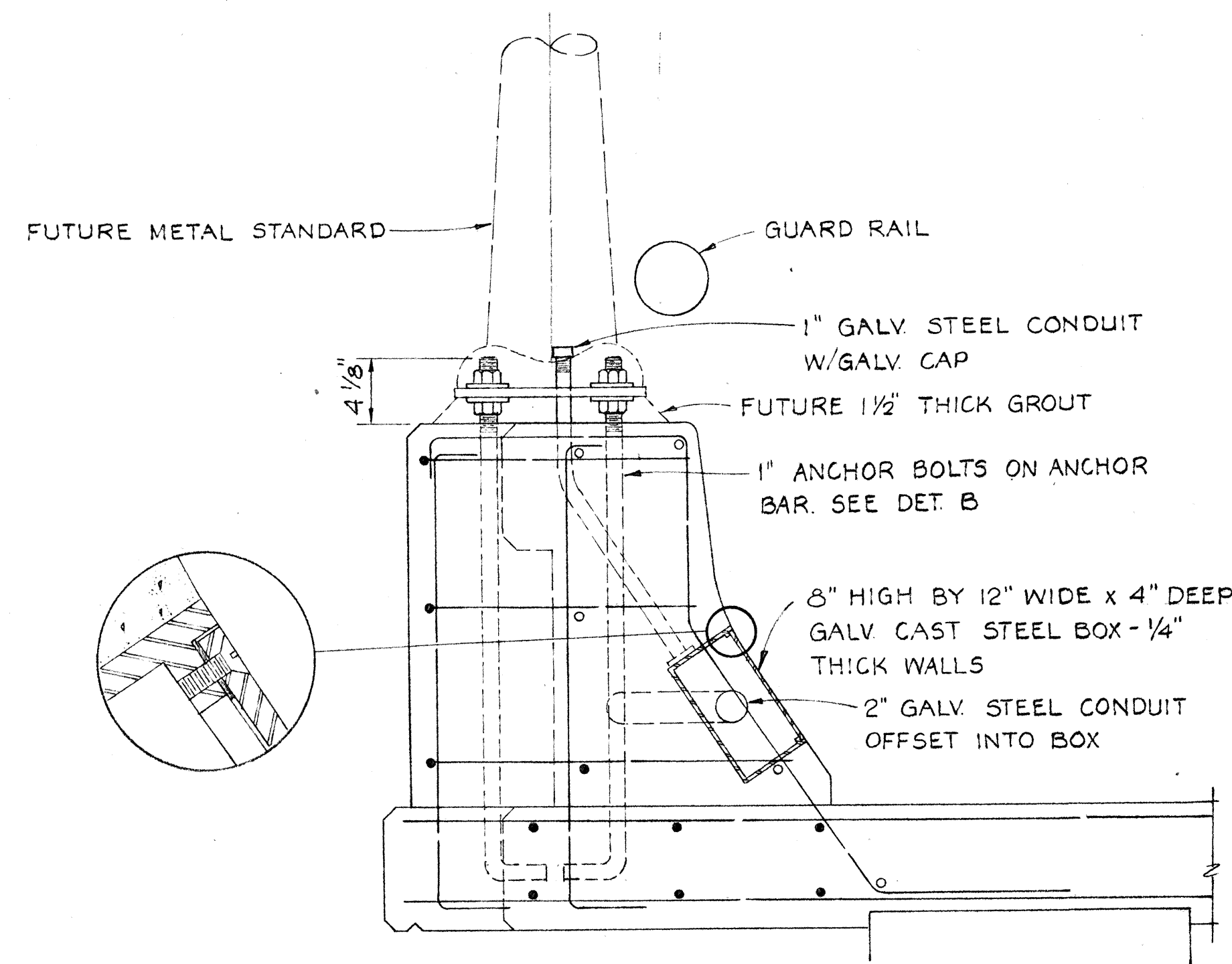
PLAN
SCALE: 1 1/2" = 1'-0"



TYP. STREET LIGHT STANDARD ELEVATION
NOT TO SCALE



EXPANSION FITTING DETAIL **A**
NOT TO SCALE



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

TYP. LIGHT BASE DETAILS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PEARL CITY VIADUCT
LIGHTING DETAILS
INTERSTATE ROUTE H-1
F.A.I. Proj. No I-H-1-1(42)
Scale: As Noted February 1968

SHEET No. 2 OF 2 SHEETS

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