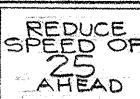


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BF061-1(8)	1960	10	61

SUMMARY				
SIGN	DESCRIPTION	RESET	NEW	FURNISHED AND INSTALLED BY OTHERS
W-2-R			1	
	NO NATIONAL SPEED LIMIT OVERPASS VEHICLES	2		
W-41		3	6	
R-102-C(R)	SPEED LIMIT 45		2	1
R-21	NO STOPPING OR STANDING		6	1
R-104-B	REDUCED SPEED OF 35 AHEAD		2	1
W-42			4	1

NOTE: All existing signs around the vicinity of this intersection to remain.

W-43		3	4	
	UNLAWFUL TO DISPOSE OF LITTER OR GARBAGE ALONG HIGHWAY	1		
M-2		1		
	CAUTION CROSS-OVER AHEAD	1		
W-4-L			2	
R-105-A				2
R-11		2		
R-1			1	
R-104-A				2 At Sta. 77+00 ± Proj. No. S-21G(4)
TOTAL		13	28	4

NOTE:

1. All R-21 Signs to be installed on Highway Lighting Lamp Posts.
2. Federal Aid Markers are shown on this plan for information purpose only. Additional Number Plates for Federal Aid Markers to be paid for under item 108 (2).
3. All Signs designated to be removed shall be removed and stock-piled within the Highway R/W as directed by the Engineer. (Incidental to Roadway Exc.)

LEGEND

-  New Traffic Signs
-  Existing Traffic Signs to Remain
-  Existing Traffic Signs to be Removed.

NOTE: For Existing Traffic Signs and Posts to be reset, see note on plans.

NOTE:

1. For locations of lamp posts on bridges, see bridge detail sheets.
2. Lamp posts not on bridge railings shall be so located that the distance from face of curb to the face of lamp post base shall be 3'-0".
3. Unless otherwise shown, all lamp post shall have G' brackets.
4. Anchor rods in lamp post foundation shall be so set that bracket will be radial to the $\frac{1}{2}$ of roadway.
5. Unless otherwise noted all conduits shall be 2", and encased in concrete.
6. Conduits under paved roadway shall be steel conduits.
7. Conduits under sidewalk areas and in bridges shall be asbestos cement conduits conforming to Federal Specification W-C-571 Type I.
8. Conduits in all bridges are shown in sidewalk on above layout plans for clarity. Actually, these conduits are to be installed underneath bridge railings. (See Bridge Detail Plans).
9. Resetting of signs noted above will be paid for under Item No. 111(3), Reset destination, directional, regulatory, or warning sign.

BEG. OF PROJ. BF-061-1(8)
Outbound @ SCS Sta. 115+97.98

END OF PROJECT
NO. BF-OG1-1(8)

LEGEND

- Existing Luminaire and lamp post.
 —2C—— Existing 2 Cables in 2" Conduit.
 SS Existing Pull Box.
 •○ New 18,000 Lumen Luminaire on 30" Metal
 Lamp Post* (in sidewalk area.)
 •① New 18,000 Lumen Luminaire on 28'-6" Metal
 Lamp Post* (on bridge railing.)
 —2C—— New 2 Cables in 2" Conduit.
 New Precast Type "A" Pull Box.
 S Expansion Coupling - See Detail Sh. No. 8148.11

* Height of Metal Lamp Post shall be in addition to height of Transformer Base.

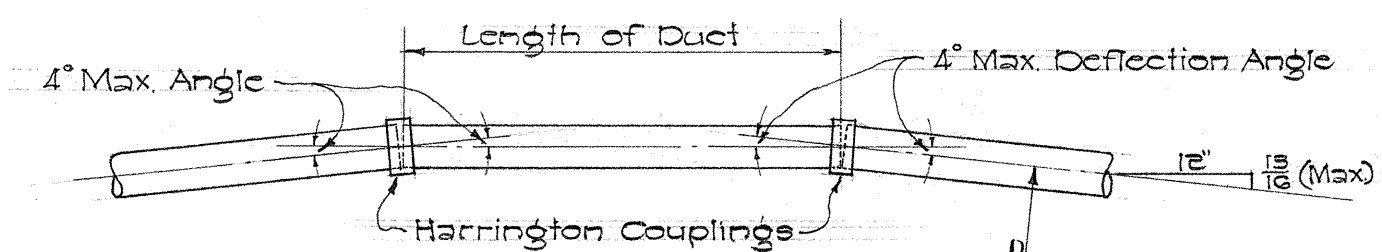
HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII
HIGHWAY LIGHTING SYSTEM
AND TRAFFIC SIGNS
PALI HIGHWAY
OUTBOUND LANES
PROJECT NO. BF-061-(8)

SHEET No. 1 OF 2 SHEETS

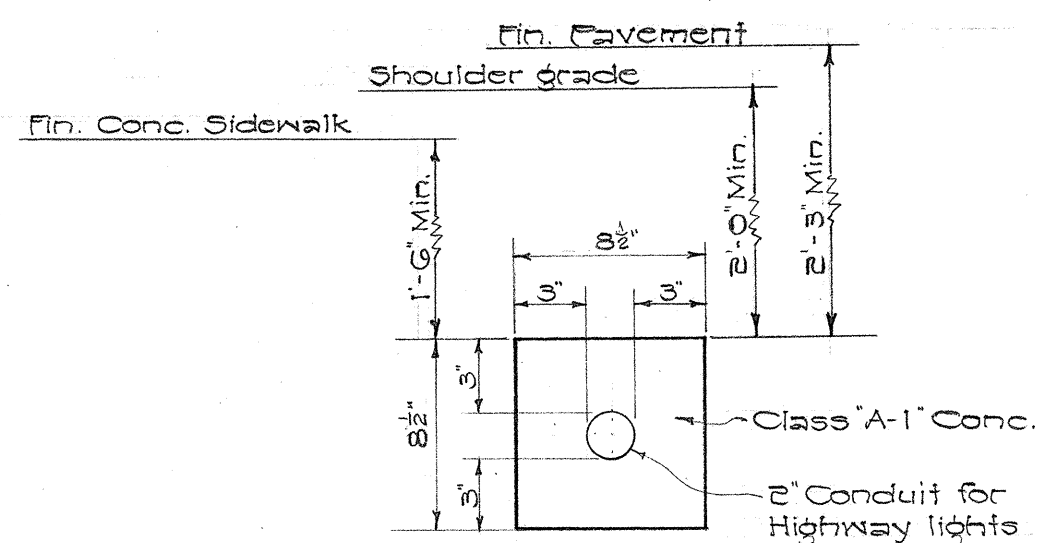
.8148.10

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BF-061-1(8)	1960	11	21

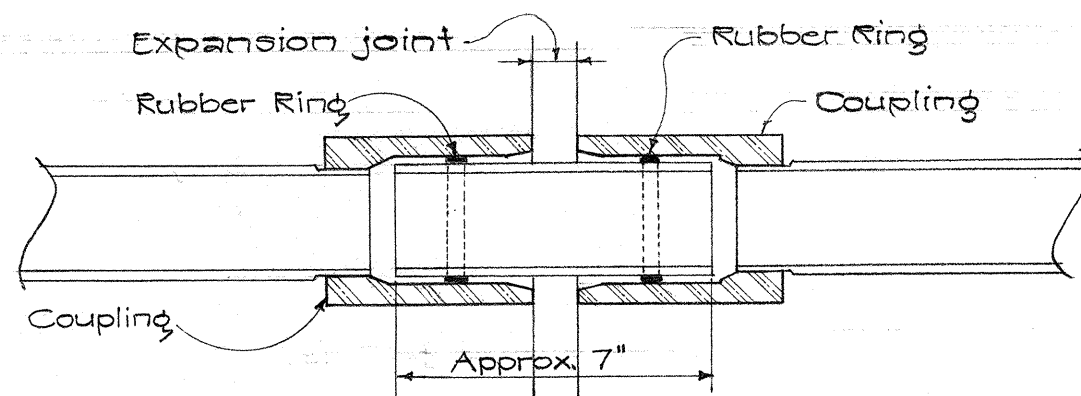
MIN. RADIUS TO FORM CURVES	MIN. RADIUS RE
1' - 0"	14' - 4"
1' - 6"	21' - 6"
2' - 0"	28' - 8"



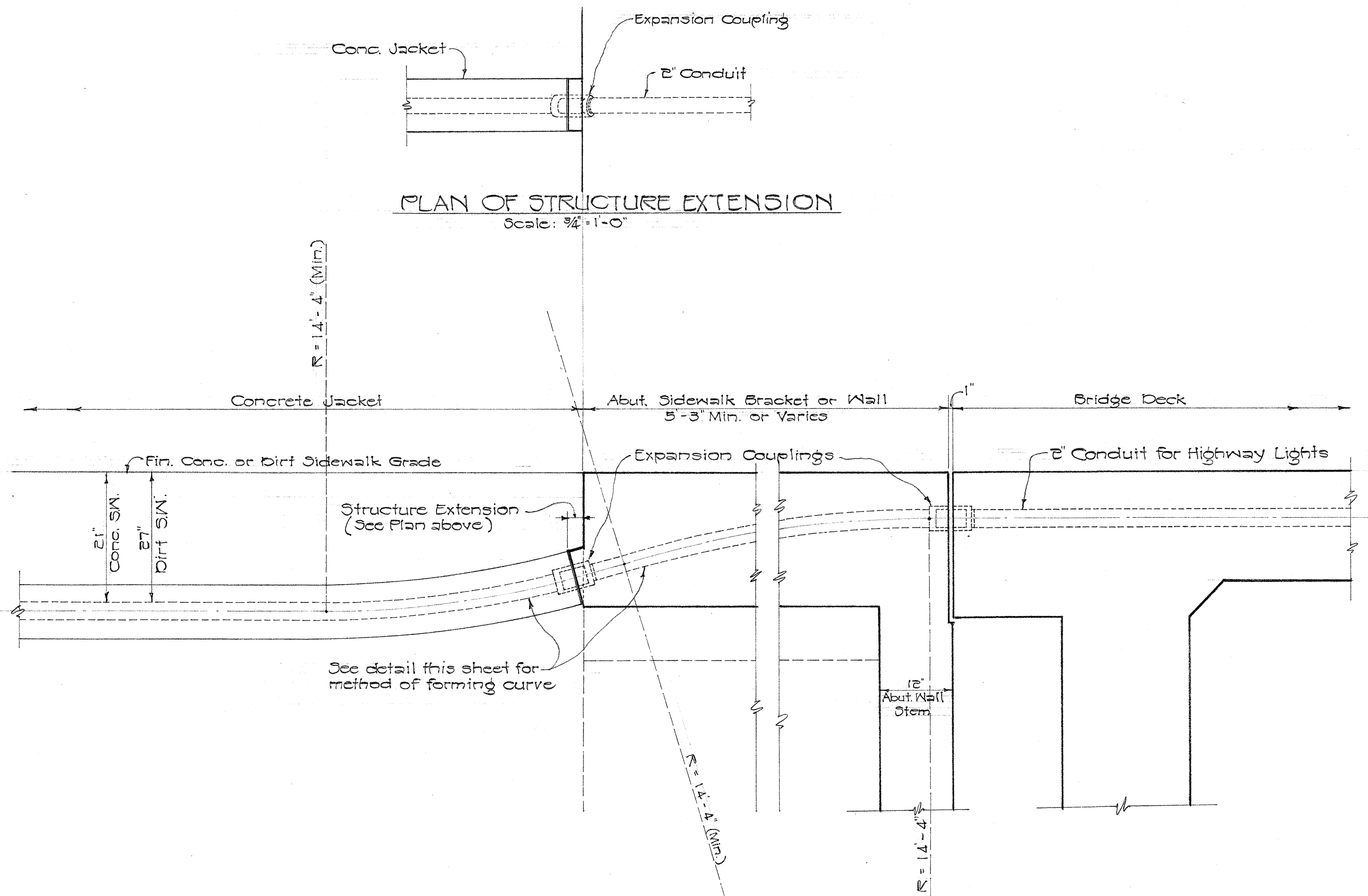
METHOD OF FORMING CURVES
Scale: 1/2" = 1'-0"



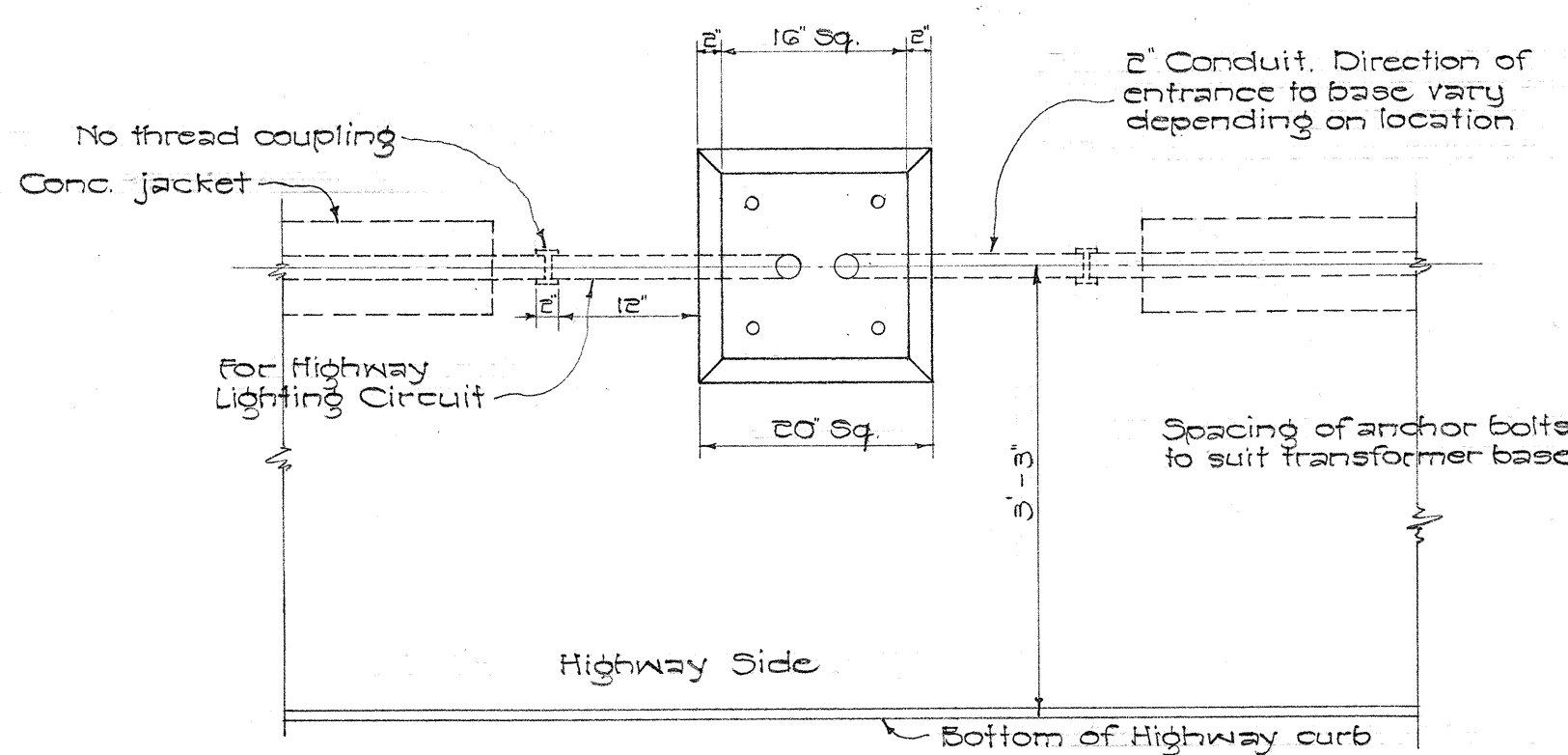
TYPICAL DETAIL OF CONDUITS ENCASED IN CONCRETE JACKET FOR HIGHWAY LIGHTING SYSTEM
Scale: 1/2" = 1'-0"



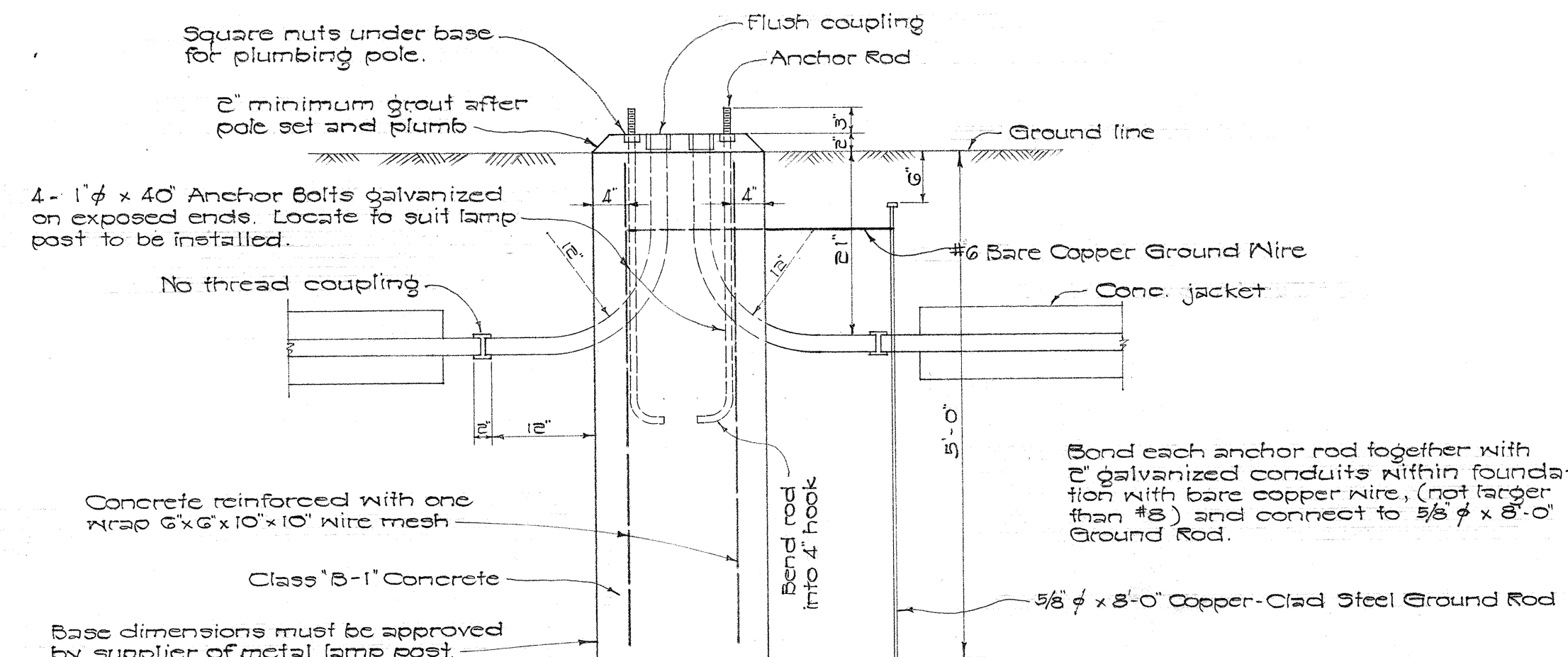
EXPANSION COUPLING FOR ALL 2" CONDUITS AT BRIDGE EXPANSION JOINTS
Scale: 3/4" = 1'-0"



DETAIL SHOWING LOCATION OF EXPANSION COUPLINGS AT BRIDGE EXPANSION JOINTS
Scale: 3/4" = 1'-0"



PLAN



SECTION

CONCRETE FOUNDATION FOR LAMP POST ON GROUND
Scale: 1/2" = 1'-0"

NOTE:
For foundation on bridges, see Bridge Plan Sheet No. 8148.37

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII

HIGHWAY LIGHTING SYSTEM

PALI HIGHWAY
OUTBOUND LANES
PROJECT NO. BF-061-1(8)

Scale: As Noted Sept. 1959

SHEET No. 2 OF 2 SHEETS

8148.11

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