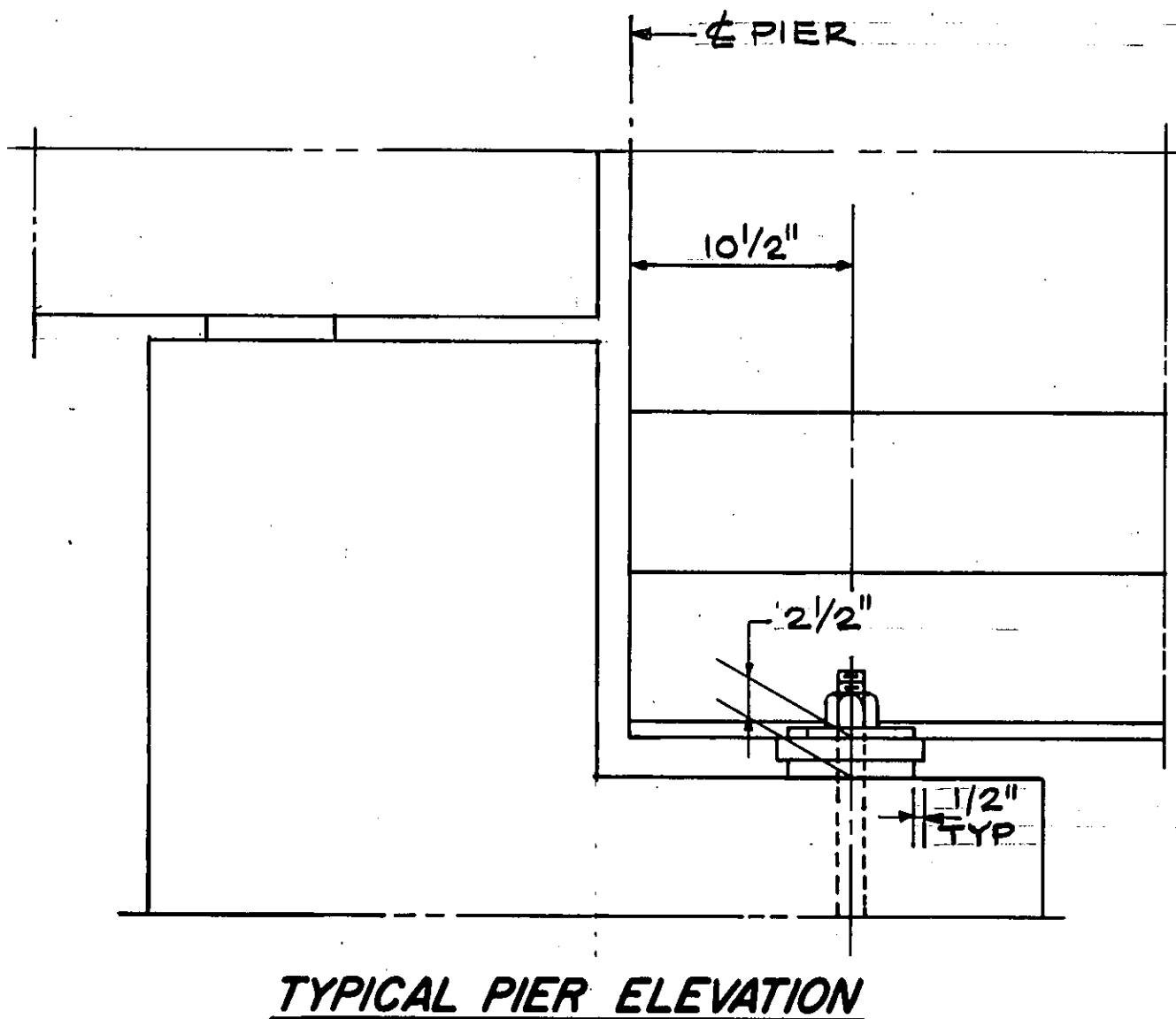
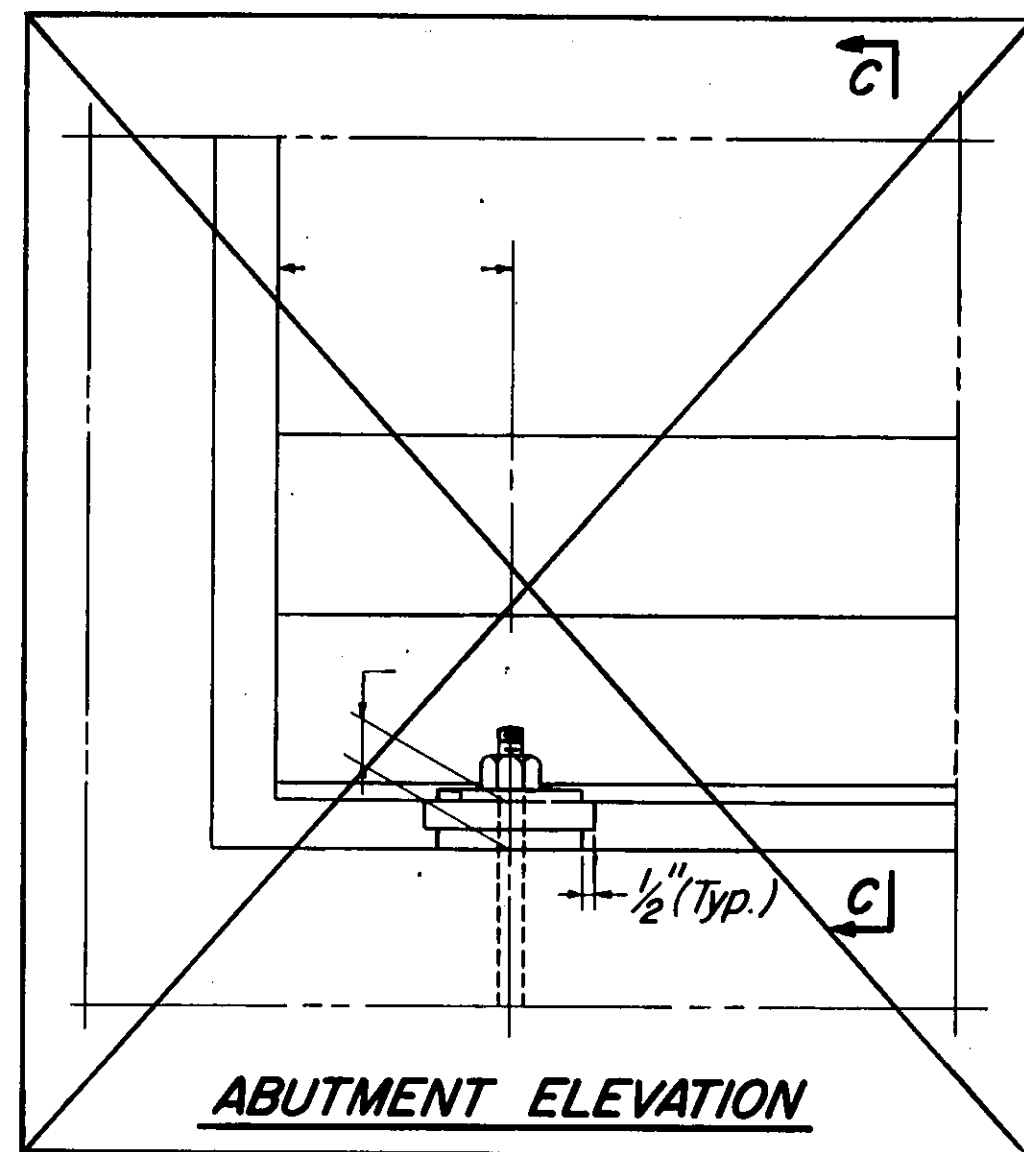


FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
		ROUTE	PROJECT	ROUTE	PROJECT	
3	VA.					

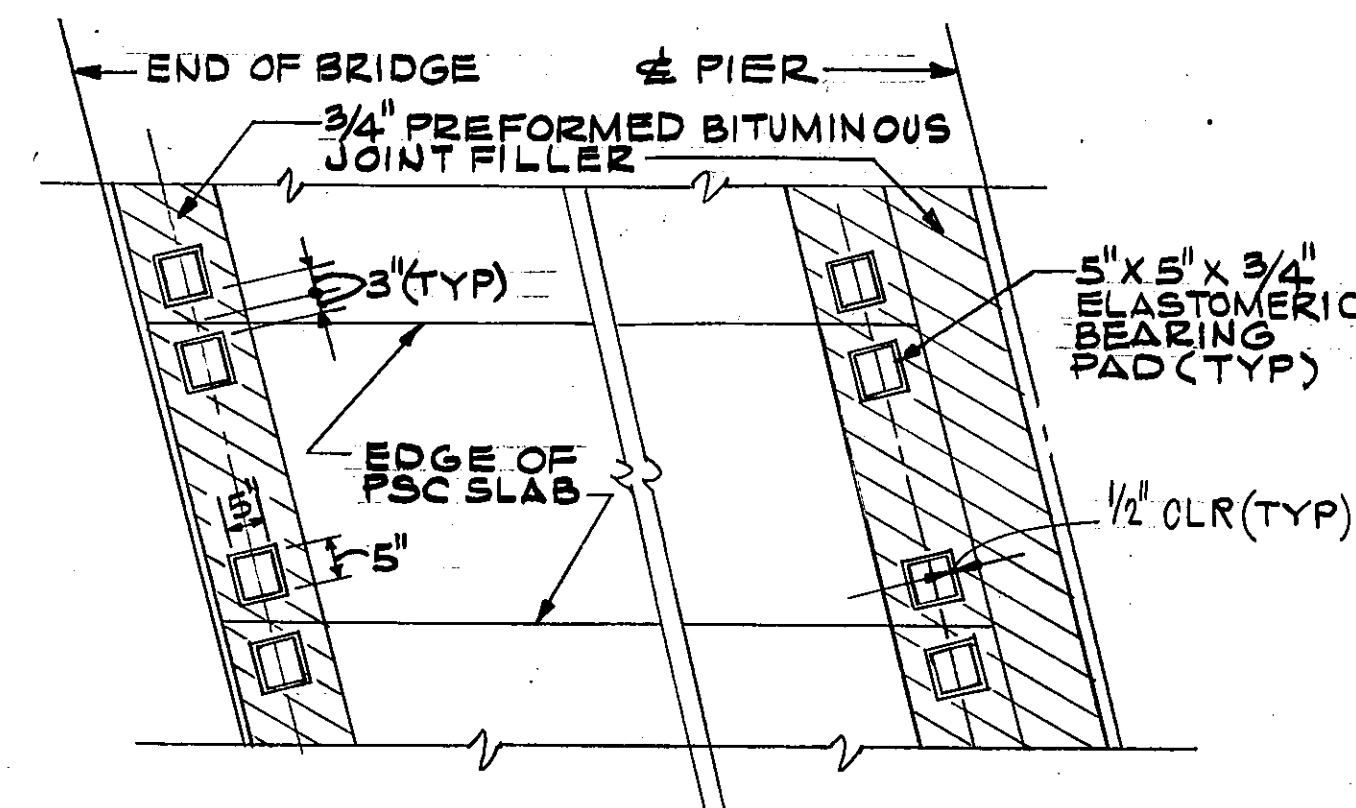
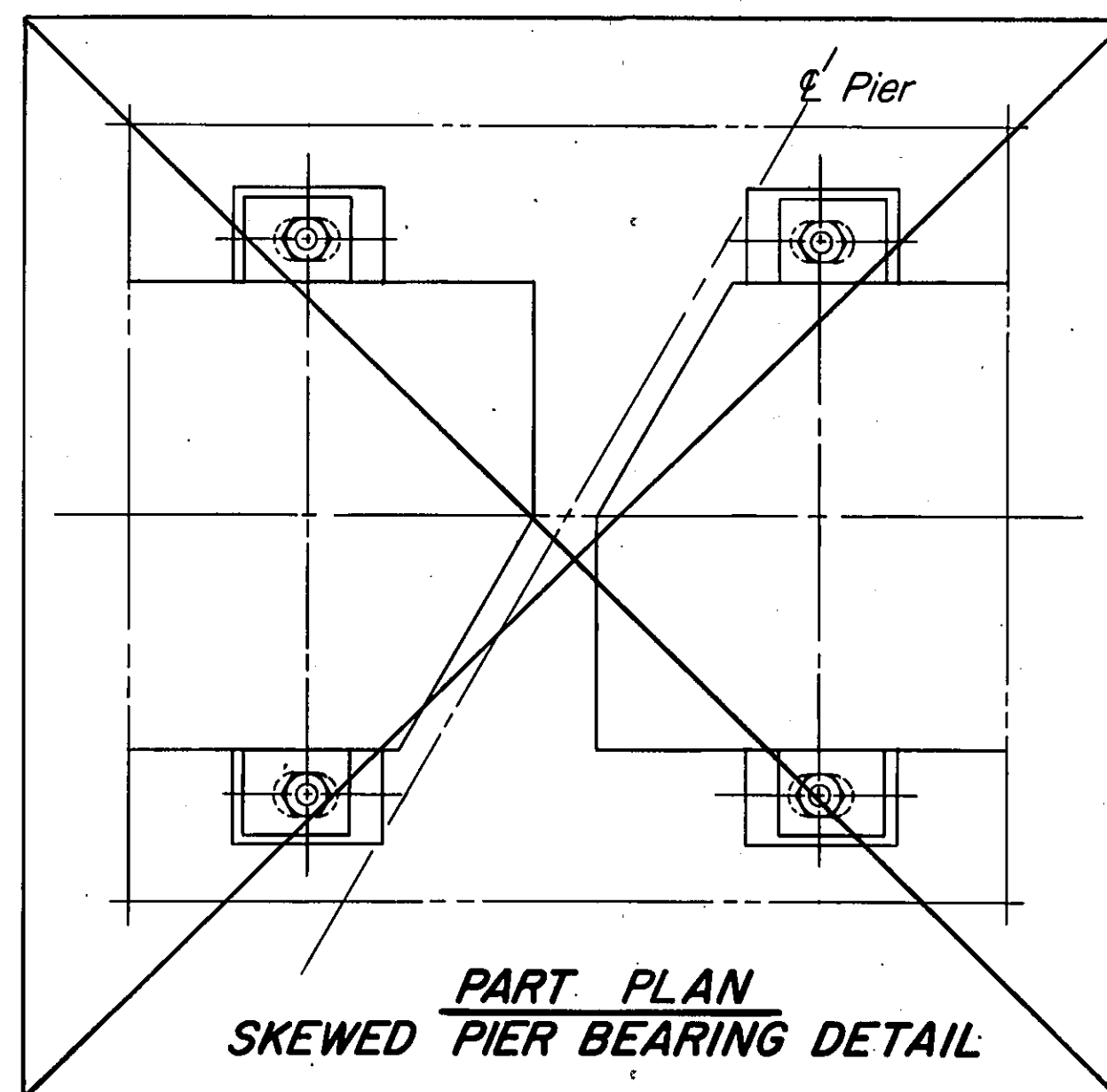
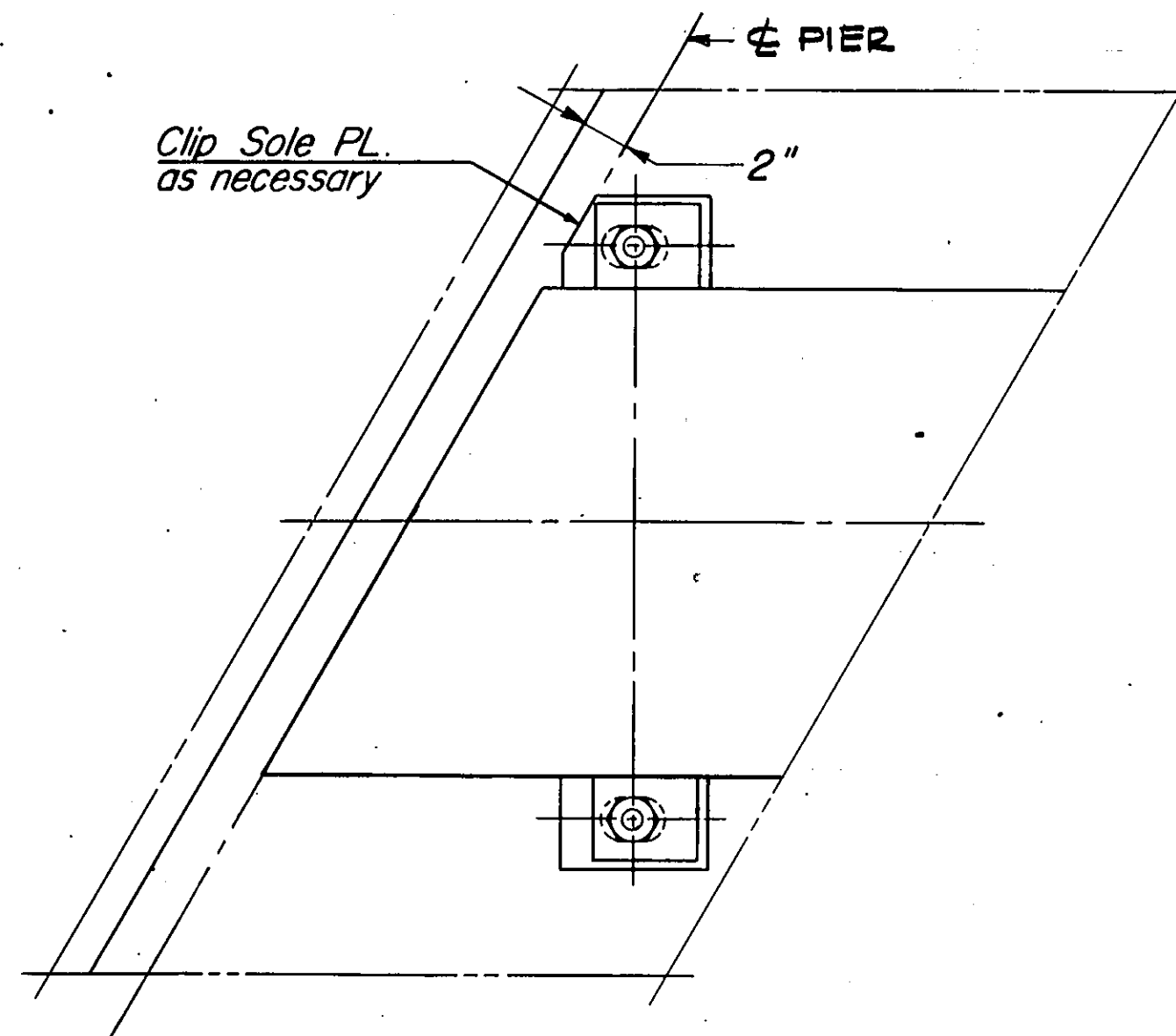
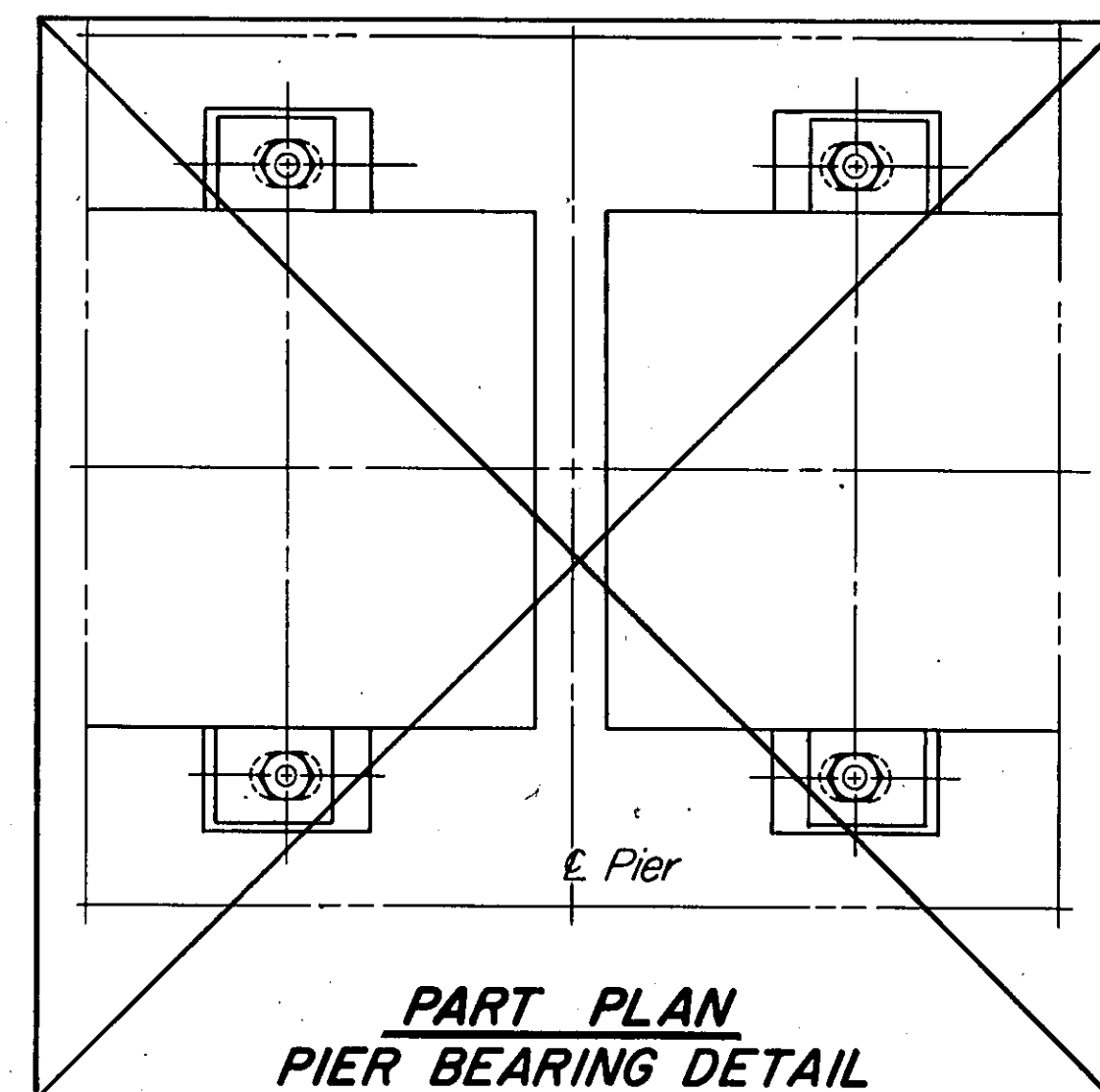
Material: Elastomer-70 durometer hardness.
All steel in bearing assemblies, except stud shear connectors, shall be ASTM A36 and shall be galvanized. Galvanizing shall be removed prior to placing epoxy and grit on areas which are to bear on elastomeric pads.

ELASTOMERIC BEARING PADS			
SIZE	*MIN. D.L.	MAX. D.L.	MAX. LOAD
6" X 1/2" X 1'-2"	0.169L ^K	37.6 ^K	37.6 ^K
6" X 1/2" X 1'-4"	0.194L ^K	45.9 ^K	45.9 ^K
6" X 1/2" X 1'-6"	0.218L ^K	54.0 ^K	54.5 ^K
6" X 1/2" X 1'-8"	0.242L ^K	60.0 ^K	63.2 ^K
6" X 1/2" X 1'-10"	0.266L ^K	66.0 ^K	72.0 ^K
7" X 1/2" X 1'-6"	0.254L ^K	63.0 ^K	76.8 ^K
7" X 1/2" X 1'-8"	0.282L ^K	70.0 ^K	90.1 ^K
7" X 1/2" X 1'-10"	0.310L ^K	77.0 ^K	103.6 ^K
8" X 1/2" X 1'-7"	0.306L ^K	76.0 ^K	113.7 ^K

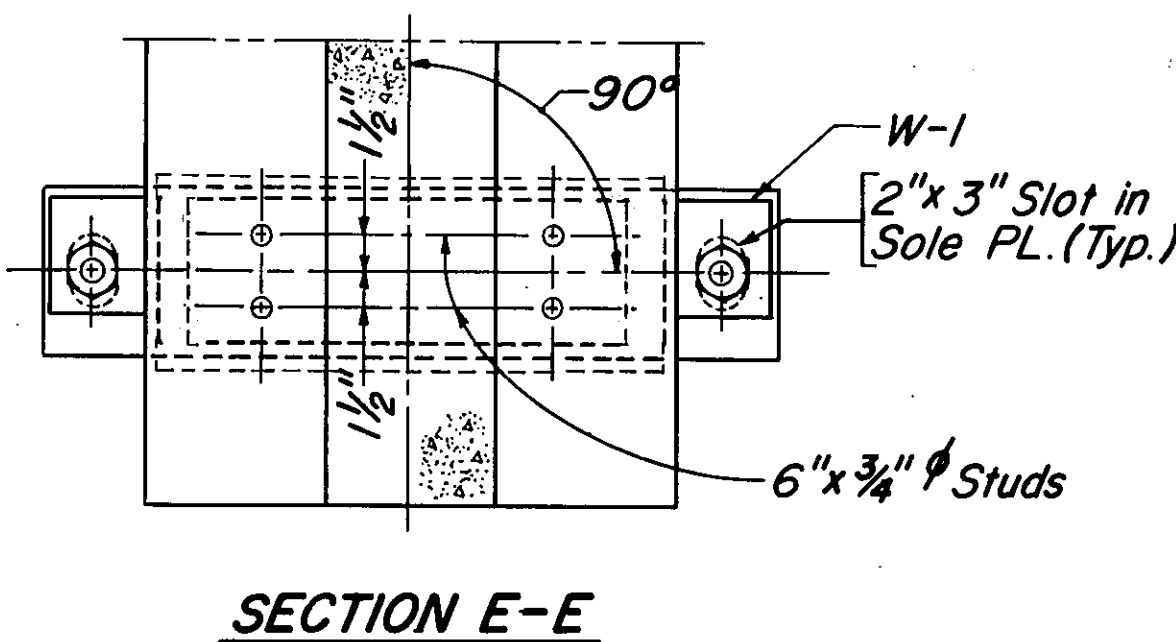
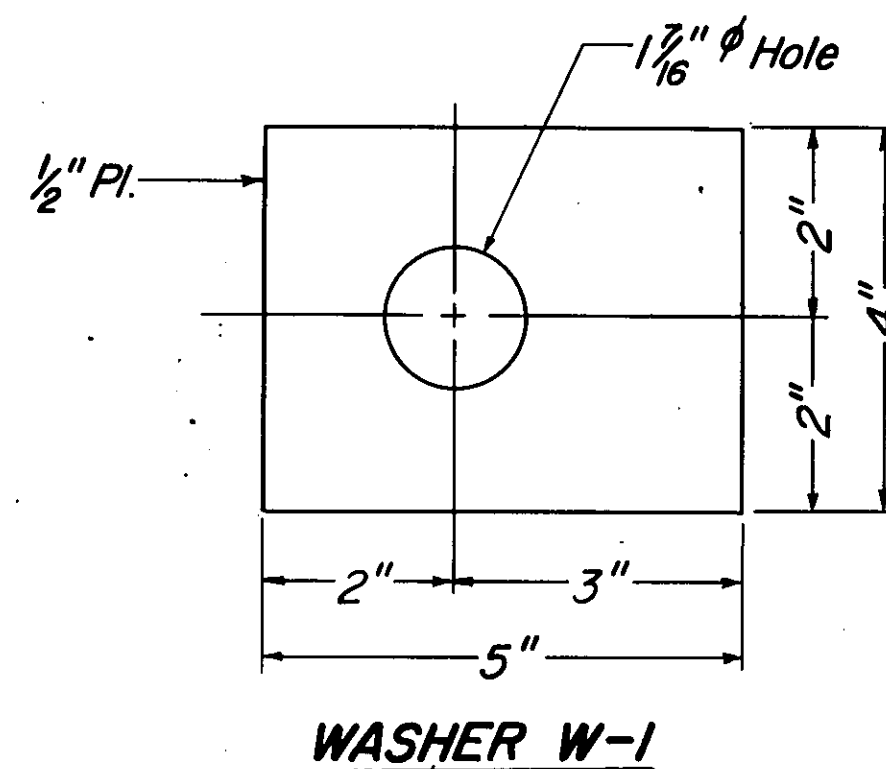
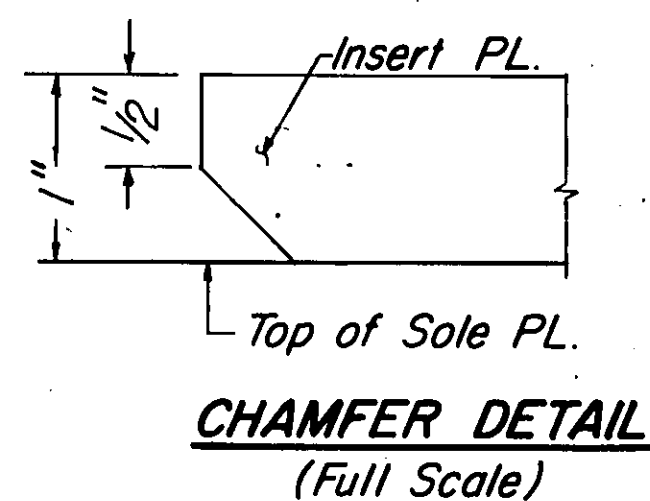
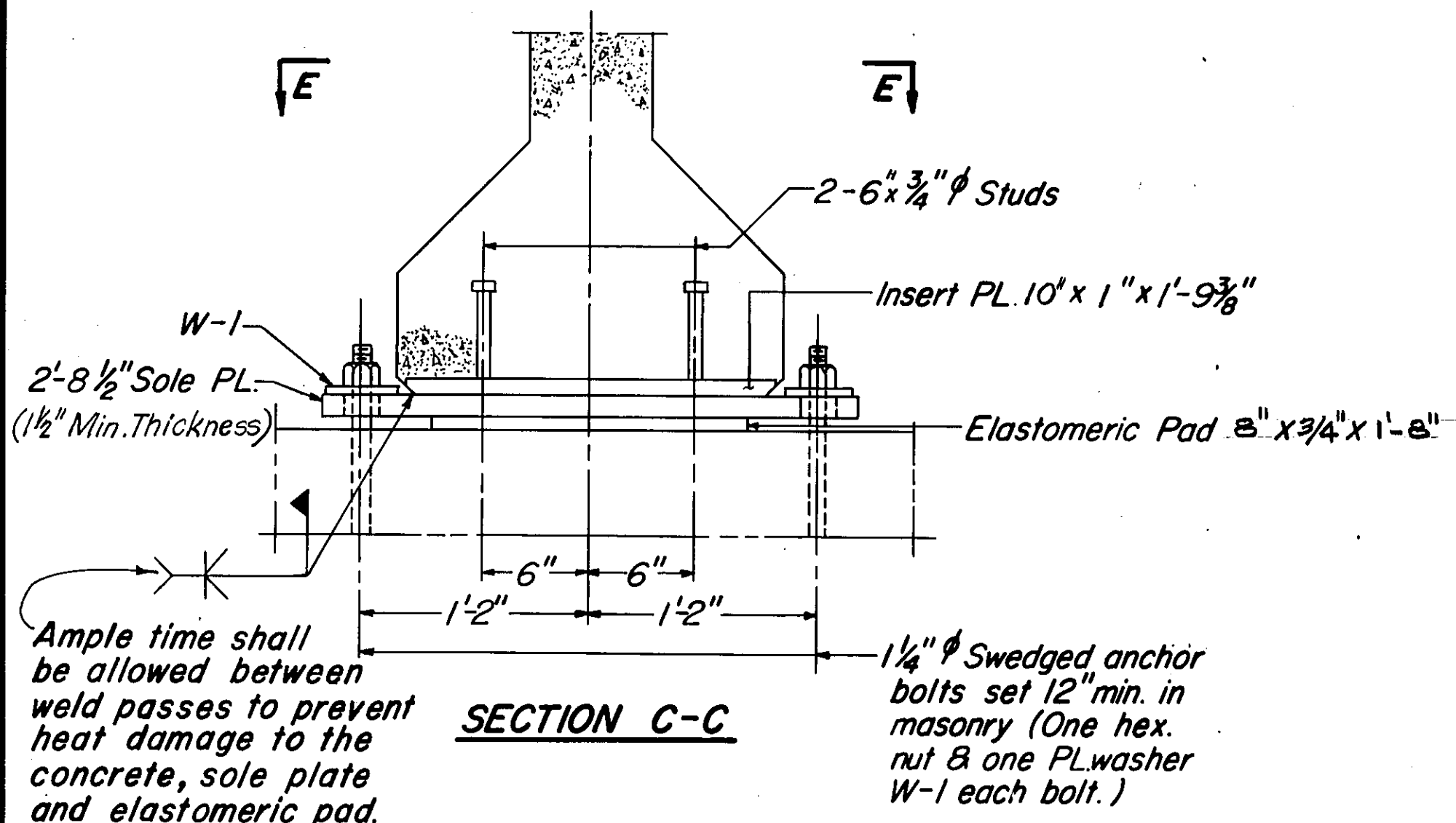
*L = Span Length center-to-center Bearing



Fabricators Note: Bevel sole plates when grade exceeds one percent.



PART PLAN
SKEWED PSC SLAB BEARING DETAIL



Note:
Insert plate shall provide uniform bearing over its entire contact area.

Ample time shall be allowed between weld passes to prevent heat damage to the concrete, sole plate and elastomeric pad.

1 1/4" ϕ Swaged anchor bolts set 12" min. in masonry (One hex. nut & one PL washer W-1 each bolt.)

BRB-2 9-13-78 9-4-75 5-28-82

DRAWN BY *CSZ*
CHECKED BY *MMG*
CHECKED BY *GMCE*

REVISION	DATE	DESCRIPTION	BY	APP.
DESIGNED	HWP	13TH STREET OVER NW RAILWAY CITY OF ROANOKE, VIRGINIA		
DRAWN	JLS			
CHECKED	RWF			
APPROVED	HWH			
SUBMITTED	1/28	BEARING DETAILS		
HAYES, SEAY, MATTERN & MATTERN		SCALE	NO SCALE	COMM. NO. 2802A
ARCHITECTS - ENGINEERS - PLANNERS		DATE	JULY 1983	SHEET 15 OF 20

5925