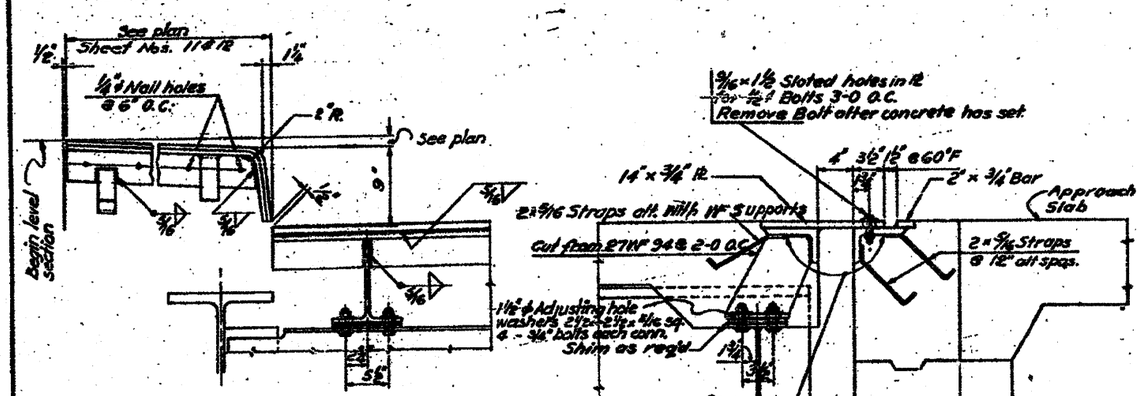
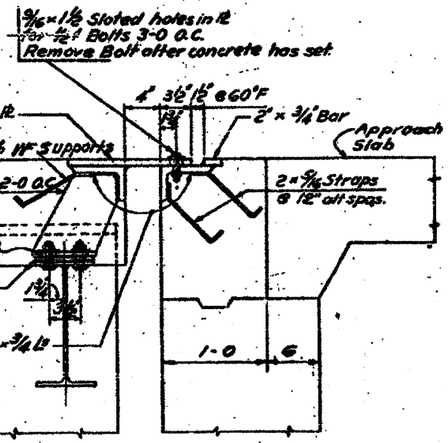
F.A.I.-70	87-2/3-5	ST. CLAIR	79	38
STA.	TO STA.			

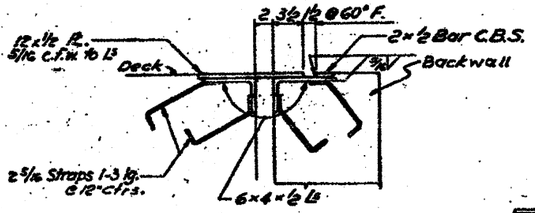


CURB EXPANSION R.S.

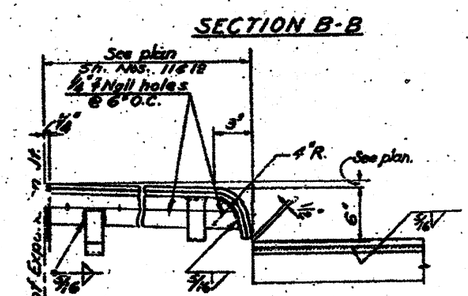


All welds shown are 5/16 continuous fillet welds

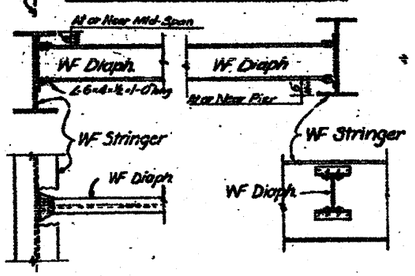
SECTION A-A



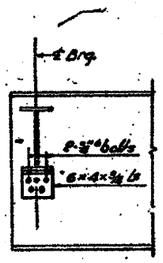
SECTION B-B

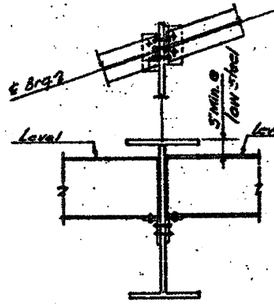


MEDIAN EXPANSION R.S.



INTERMEDIATE DIAPHRAGMS

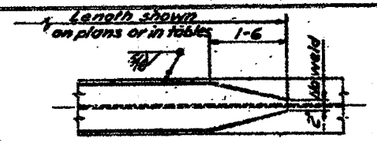




END DIAPHRAGM CONNECTION

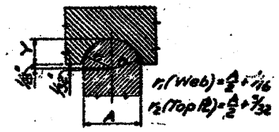
TABLE OF SHIMS

So. ABUTMENT		No. ABUTMENT		PIER	
Brg.	Shim	Brg.	Shim	Brg.	Shim
6	1/16"	7	3/16"	10	5/16"
5	3/16"	8	3/16"		
4	3/16"	10	3/16"		
3	3/16"	11	1/16"		

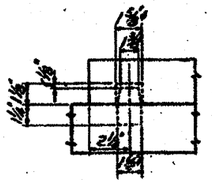


COVER PLATE DETAIL

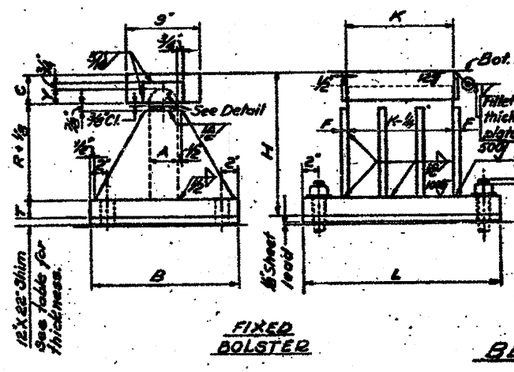
Type		Dimensions Inches												
Fix.	Exp.	A	B	C	D	F	G	H	K	L	M	R	T	Y
	E	2½	8	2½	1¼	½	7	9 5/8	9	23	15	5½	1½	1 3/16
F3		3	12	3	—	½	—	13 3/8	11½	22	—	8½	1¾	1 7/16
F4		3	14	3½	—	½	—	15 3/8	12	23	—	9½	2	1 7/16

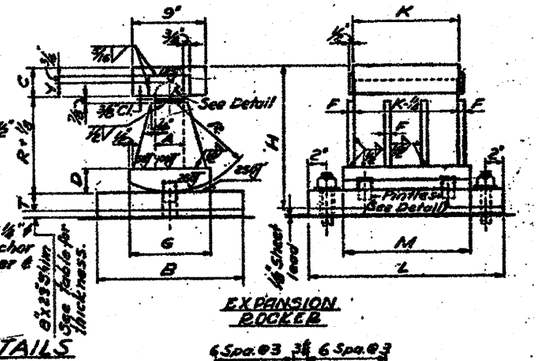


TOP BEARING DETAIL

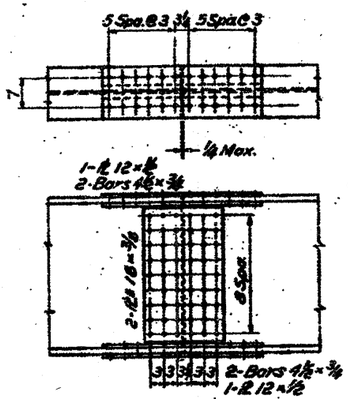


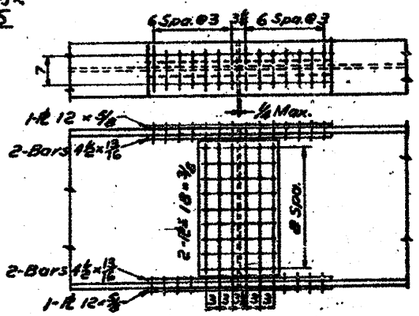
PINTLE DETAIL





BEARING DETAILS





SPLICE DETAILS

Designed by: B.S.T
Drawn by: E.M.
Checked by: B.S.T.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
&
CITY OF EAST ST. LOUIS
EAST ST. LOUIS EXPRESSWAY

BR 8

STEEL DETAILS
STANDARD SD 1

H. W. LOCHNER, INC.
ENGINEERS
DATE JANUARY 1958 CHICAGO, ILLINOIS SHEET NO. 14

SHEET A-14
236 N

FOR INFORMATION ONLY