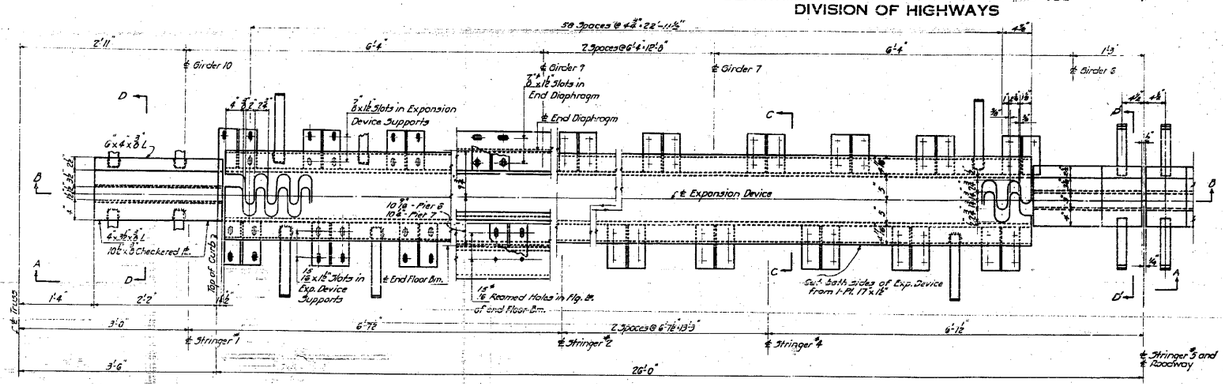
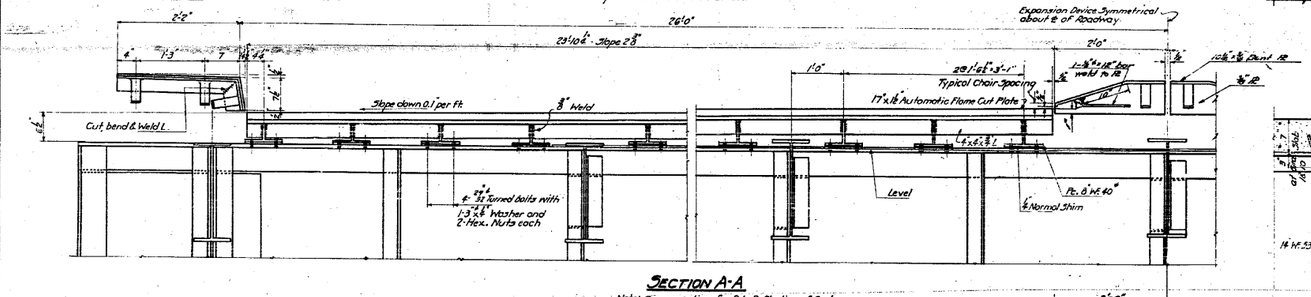
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

BURO ISSUE ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4	64-1VB VC VF	St Clair	15 15 15	13 14 15
F.A.P. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

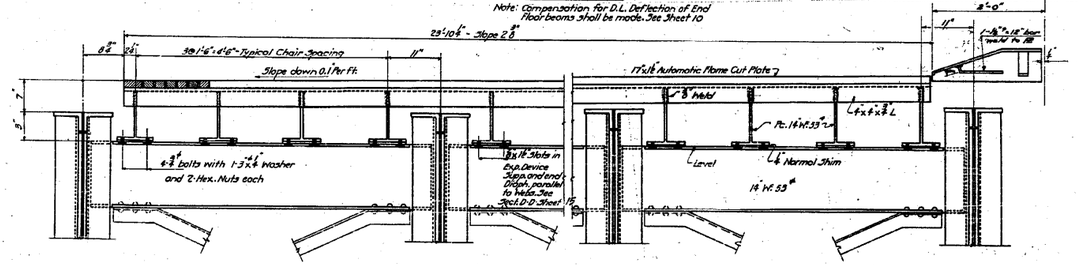
SHEET NO 16
30 SHEETS



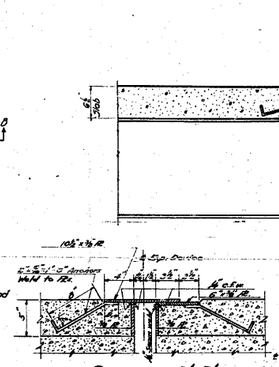
PLAN OF EXPANSION DEVICE AT PIER 6
Expansion Device at Pier 7 Similar



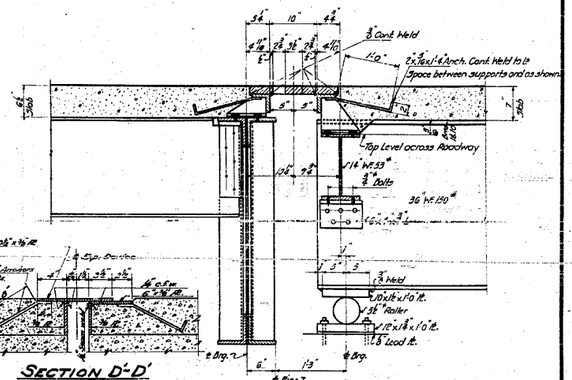
SECTION A-A
Note: Compensation for D.L. Deflection of End Floor beams shall be made. See Sheet 10



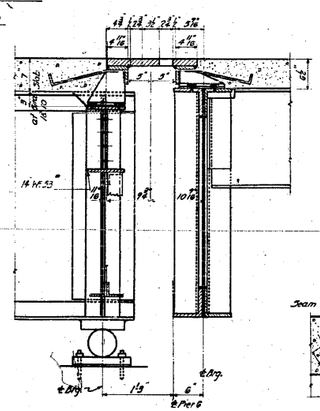
PART SECTION B-B
Exp. Device at Pier 6 Shown. Device at Pier 7 Similar



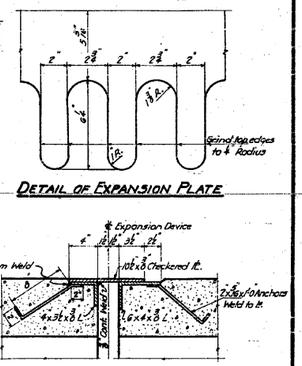
SECTION D-D



SECTION C-C AT PIER 7



SECTION C-C AT PIER 6
Details not shown are same as at Pier 7



DETAIL OF EXPANSION PLATE

SECTION D-D

STANDARD	COMPUTED	W.J. Wiley
	CHECKED	W.N. Sommer
	DRAWN	W.F.W. H. Miller
	CHECKED	W.N.S.
SPECIAL	ASSEMBLED	
	CHECKED	

EXAMINED 8-10 1954
W. E. Hanson
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED
ENGINEER OF DESIGN
APPROVED
DIRECTOR OF HIGHWAYS

Estimated weight of Expansion Devices Pier 6 & 7 included in Bill of Material Sheet 2, as Structural Steel Carbon, Plate Lbs.

EXPANSION DEVICES - PIERS 6 & 7
GRADE SEPARATION
MISSOURI PACIFIC R.R.
NORTH OF DUPO

F.A. ROUTE 4 - SEC. 64-1VB, C, F
ST. CLAIR COUNTY

FOR INFORMATION ONLY

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	64-1VBR	ST. CLAIR	259	116
		CONTRACT NO. 76882		
	ILLINOIS	FED. AID PROJECT		

FILE NAME = ...\116-D876882-exist-bridge-plans-16.dgn	USER NAME = CFC__	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.000000 ' / IN.	CHECKED -	REVISED -
CB JOB NO 89021	PLOT DATE = 8/5/2010	DATE - / /	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 082-0030 PLANS
(ORIGINAL PLANS)

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.