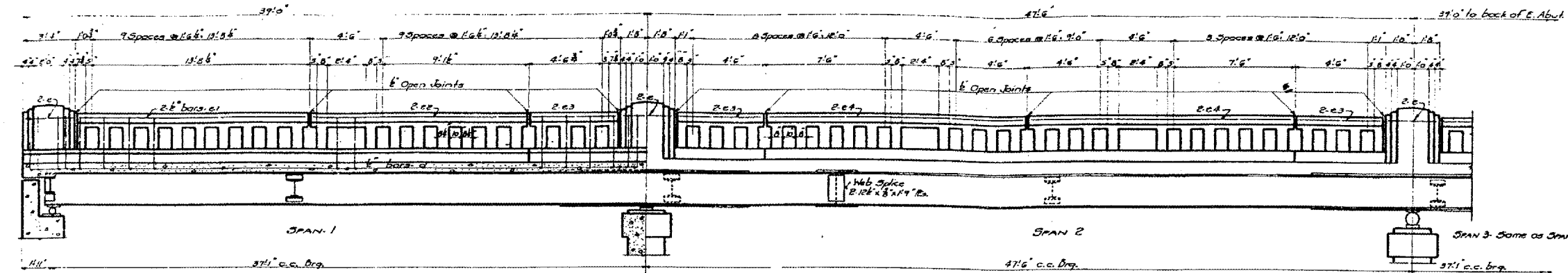


STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
 DIVISION OF HIGHWAYS

SECTION	11-VB	SHEET NO.:	15	OF	31
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DES. AND DIST. NO. 7		PER. AND PROJECT			

6 SHEETS

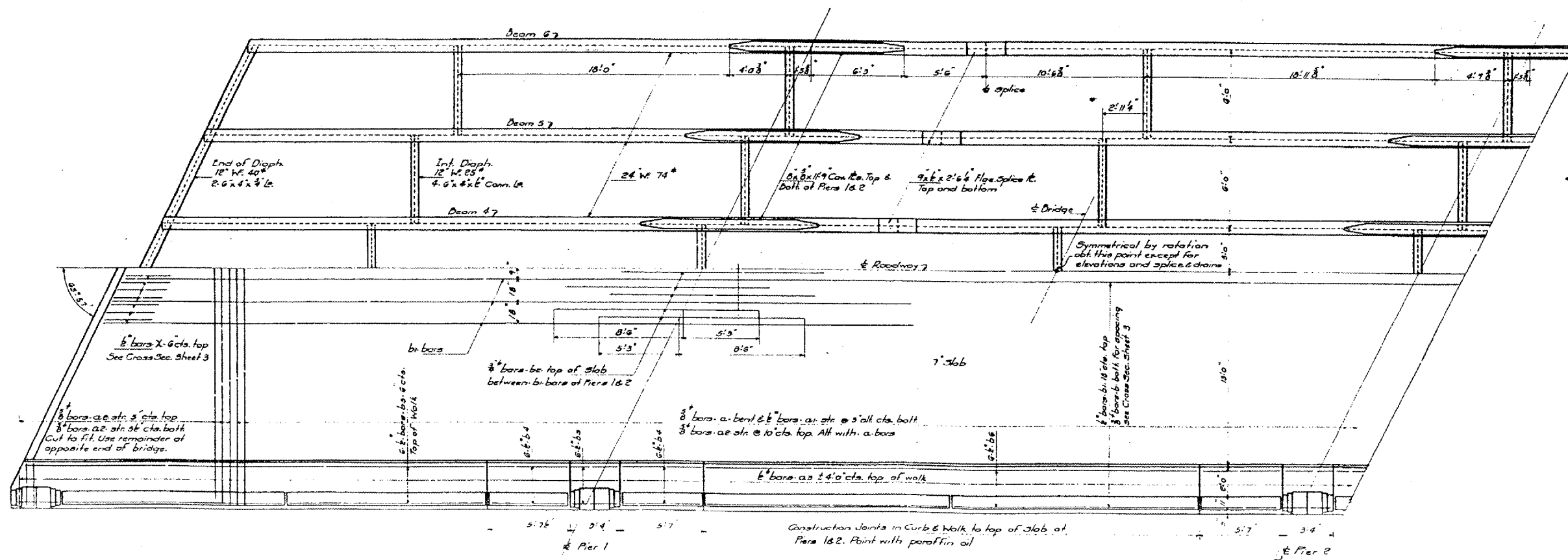


LONGITUDINAL SECTION-INSIDE ELEVATION OF RAIL  
 OUTSIDE ELEVATION OF RAIL



DEAD LOAD DEFLECTION DIAGRAM

DETAIL OF FILLET



PART PLAN

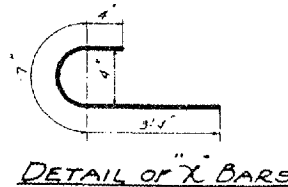
BILL OF MATERIAL-SUPER.

Bar	No.	Size	Length
a	132	3"	33'0"
a1	132	6"	36'0"
a2	202	3"	36'0"
a3	62	6"	2'9"
b	204	3"	32'5"
b1	88	6"	32'0"
b2	54	3"	13'9"
b3	48	6"	16'6"
b4	48	6"	5'5"
b5	24	6"	3'0"
b6	12	6"	33'0"
c	10	3"	7'6"
d	142	6"	4'9"
e	16	6"	3'0"
e1	9	6"	14'6"
e2	0	6"	15'3"
e3	10	6"	5'5"
e4	8	6"	16'3"
x	130	6"	4'3"

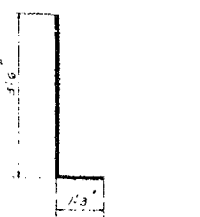
  

Handrail Concrete	Cu. Yds.	13.2
Class-X Concrete	Cu. Yds.	111.7
Reinforcement Bars	Lbs.	29020
Structural Steel	Lbs.	77280
C.I. Frame & Gate	Each	2

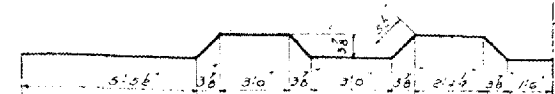
\* Includes weight of bearing plates, rollers and blast plates.



DETAIL OF X BARS



DETAIL OF d BARS



DETAIL OF a BARS

COMPUTED	P. I.	EXAMINED	Sec. 3
CHECKED	W. T. Bonner	APPROVED	[Signature]
DRAWN	P. I.	APPROVED	[Signature]
CHECKED	W. T. B.	APPROVED	[Signature]
SPECIAL	ASSEMBLED	APPROVED	[Signature]
CHECKED		APPROVED	[Signature]

FOR INFORMATION ONLY:  
 BRIDGE NO. 2 STRUCTURE 076-0021

SUPERSTRUCTURE  
 GRADE SEPARATION  
 ILLINOIS CENTRAL R.R.  
 AT ROBBS ILL.  
 F.A. ROUTE 143 SEC. 11 V.B.F.