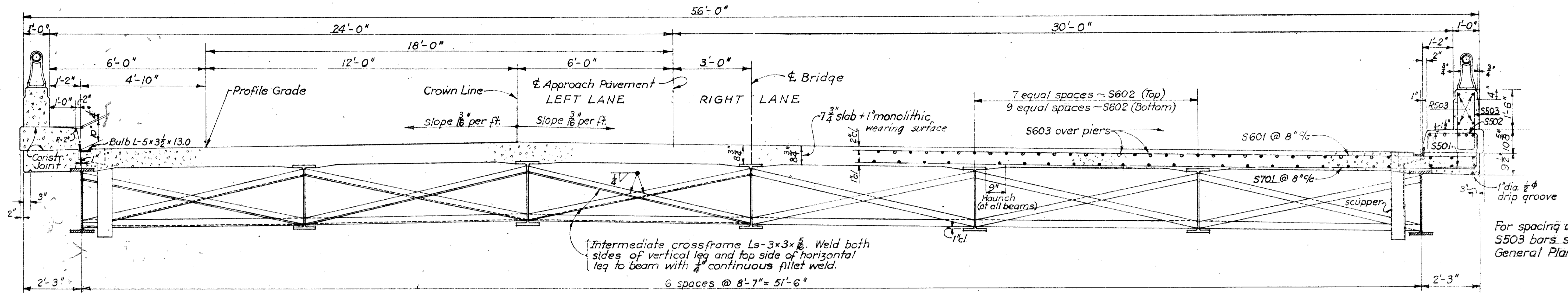


LAK-2-000

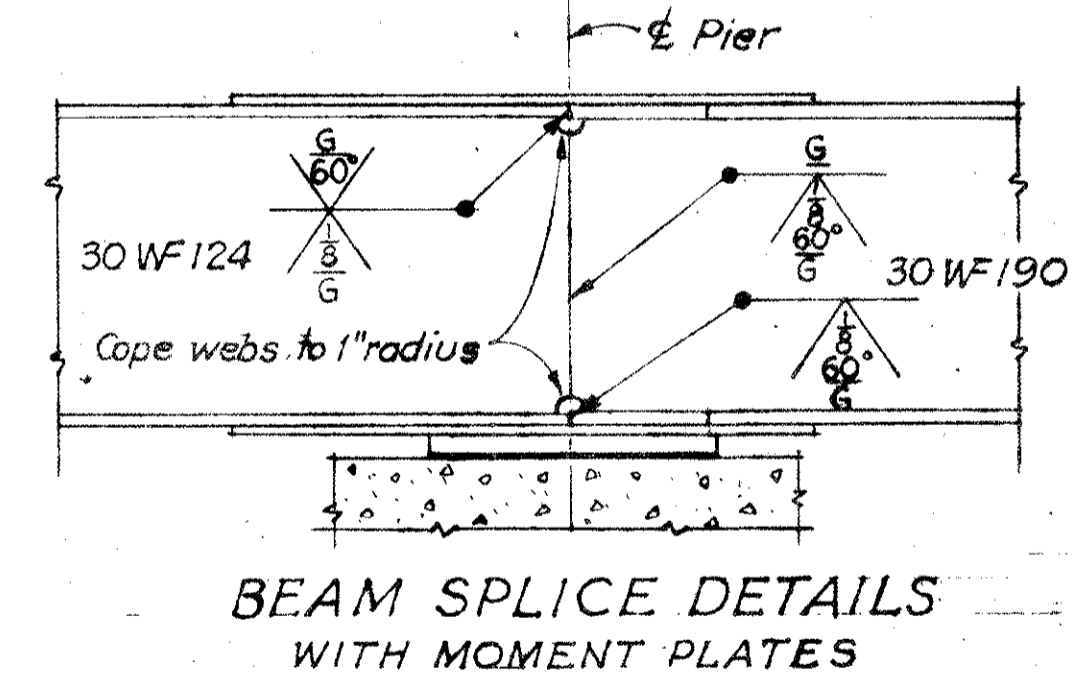
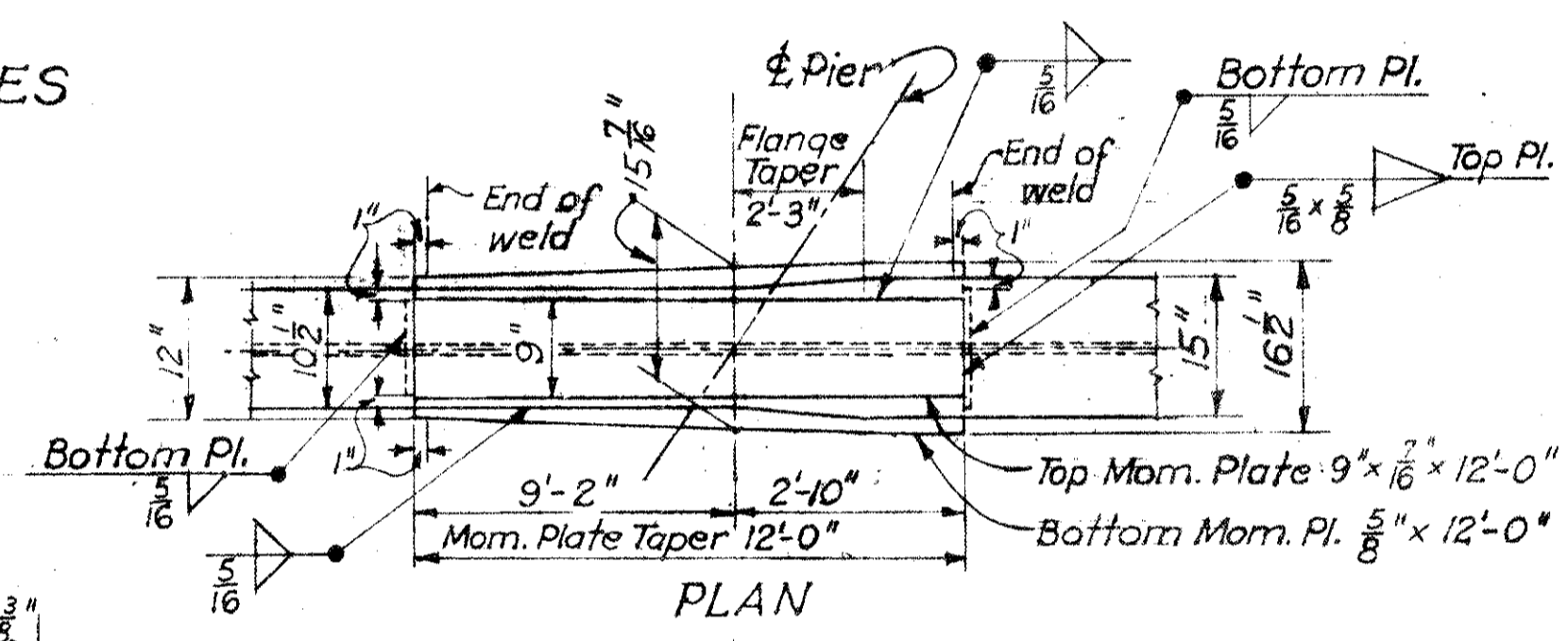


NORMAL SECTION - EAST BOUND LANES

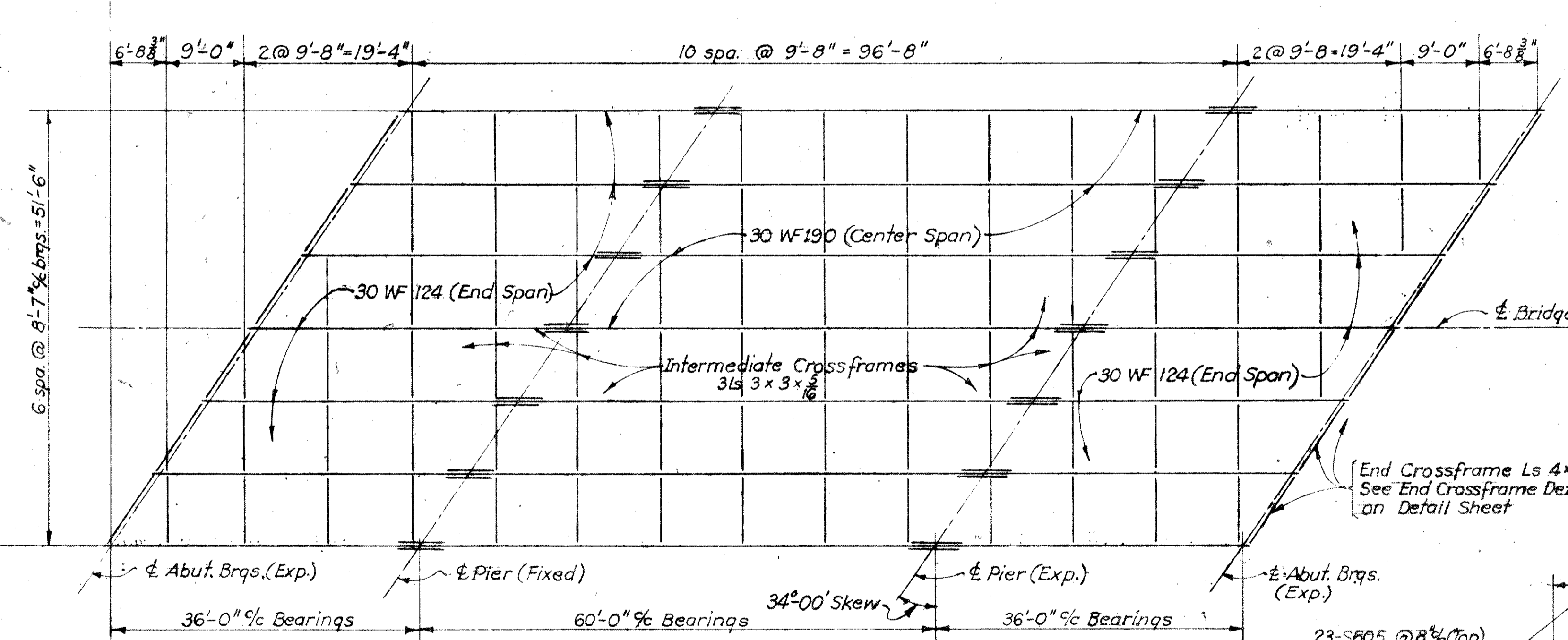
NOTE:
See Sheet No. 394 & 393A, Common Details for details not shown.
BEARING PLATE DIMENSIONS: On Sheet No. 394, Common Details, the "M" dimension for abutment bearing plates is 10 1/2" and the "M" dimension for pier bearing plates shall be taken as 13 15/16".

LOCATION	Outside Beams		Inside Beams	
	End Span	Middle Span	End Span	Middle Span
Deflection due to weight of steel	.01"	.09"	.01"	.09"
Deflection due to remaining deadload	.02"	.37"	.02"	.37"
Convexity required for vertical curve	.05"	.15"	.05"	.15"
Sum of deflection and convexity	.08 1/16"	.61 3/8"	.08 1/16"	.61 3/8"
Required Camber	0	0	0	0

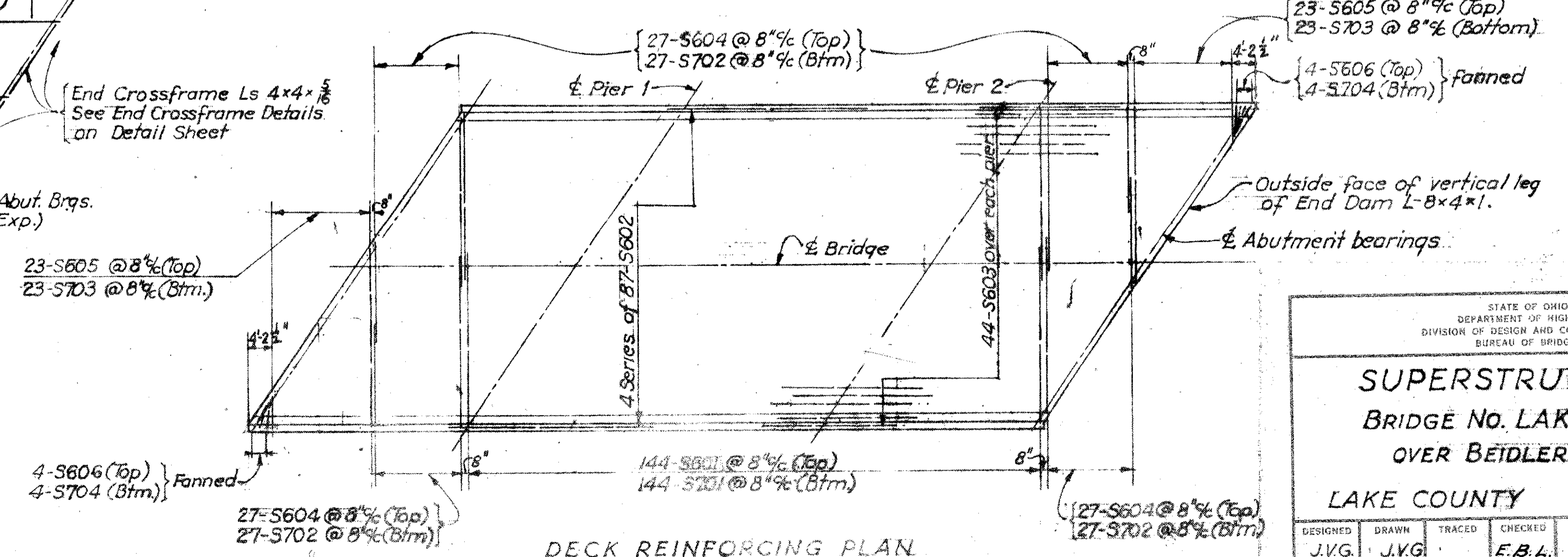
NOTE: Where no camber is specified, beams shall be fabricated with any natural camber or bowed side up.



BEAM SPLICE WELDING PROCEDURE
1. Raise the abutment ends of the beams 1/2".
2. Butt-weld the beam flanges and web, using the following sequence: make one pass on each flange, then one on the web; repeat until welds are completed.
3. Weld the bottom and top moment plates.
4. Lower the beam ends to final position.



STEEL FRAMING PLAN



DECK REINFORCING PLAN
See Normal Section Detail

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

SUPERSTRUCTURE
BRIDGE NO. LAK-2-0363 L&R
OVER BEIDLER ROAD
LAKE COUNTY STA. 291+88.11
293+25.53

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
J.V.G.	J.V.G.		F.B.L.		8/6	

11-28-58