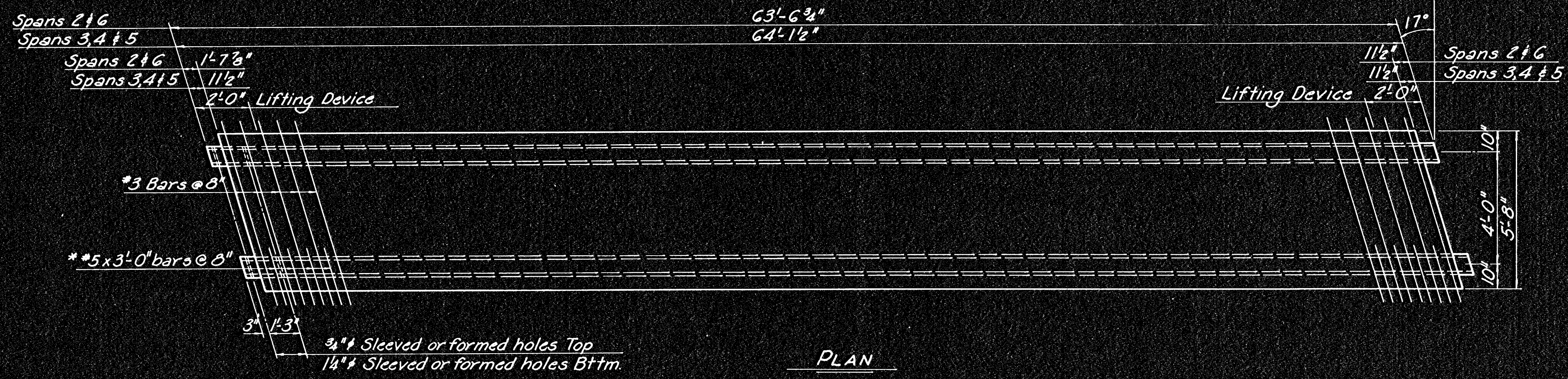


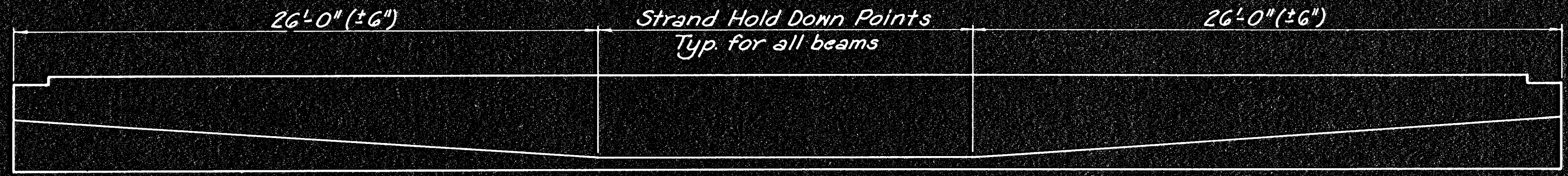


PLAN

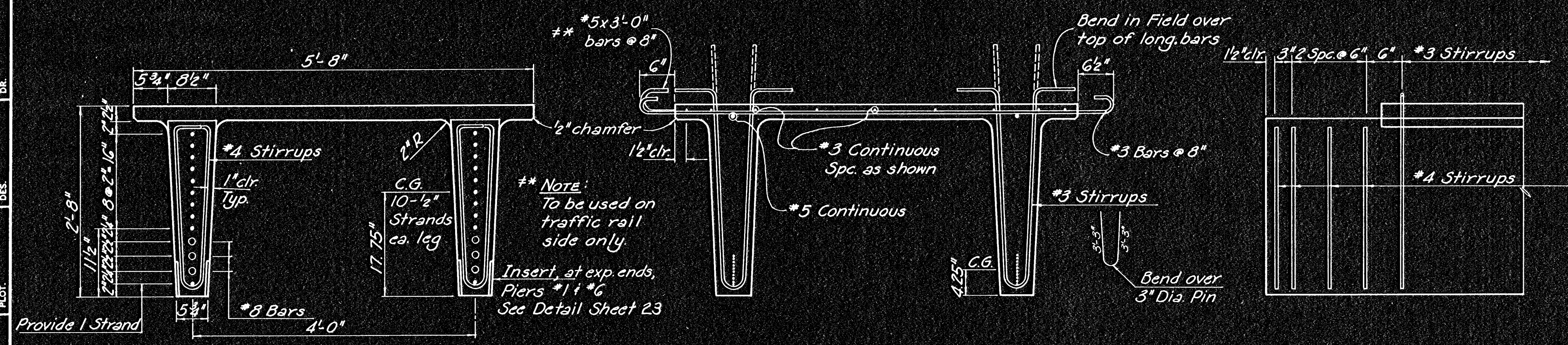


ELEVATION

NOTE: Inserts & holes at Expansion Ends Piers #1 & #6 only.



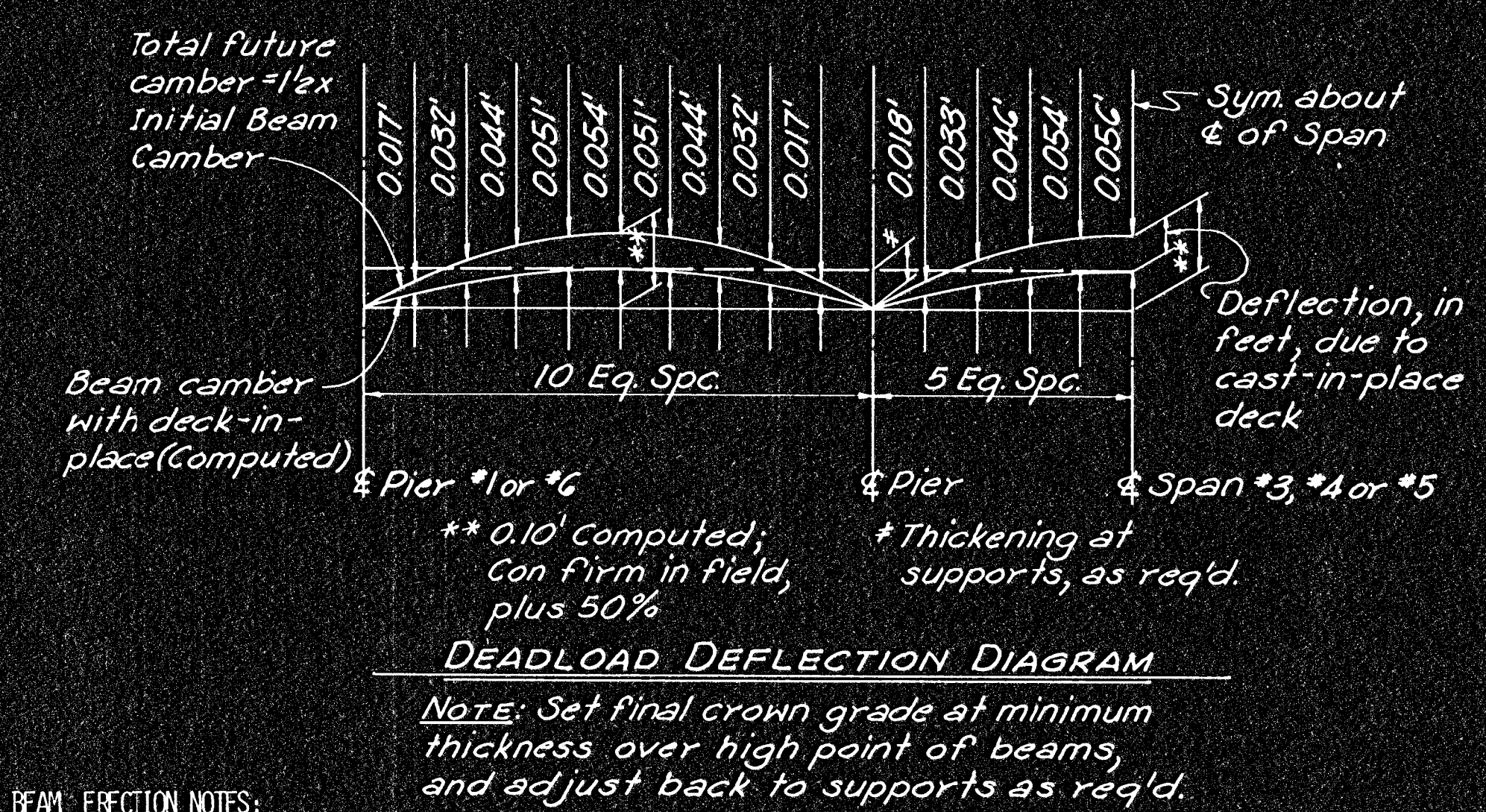
ELEVATION



SECTION AT END

SECTION AT MID-SPAN

END DETAILS SPANS 2+6

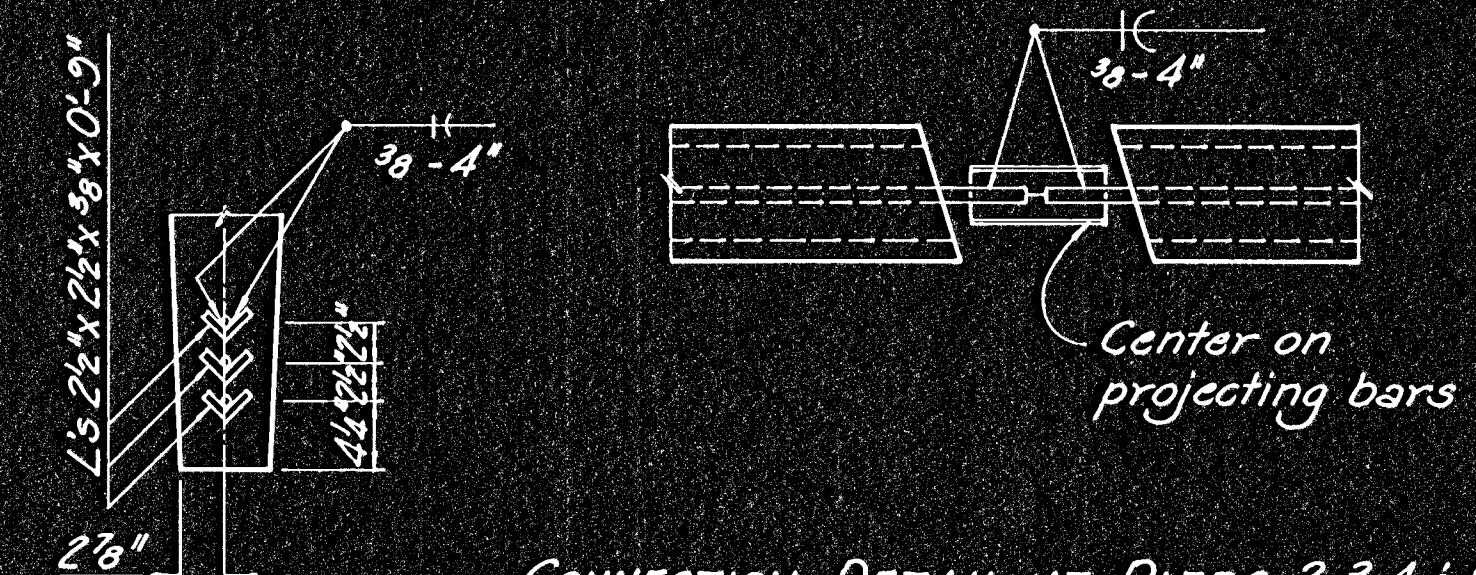


BEAM ERECTION NOTES:

BEAMS MAY BE PLACED ON THE BRIDGE AT ANY TIME AFTER THE END OF THE CURING PERIOD. BEAMS SHALL BE PLACED AND SET AS SHOWN, WITH THE TOPS CONFORMING TO THE CROWN OF THE DECK SURFACE. BEAMS SHALL BE SET AT THE SPACING INDICATED, AND WITH EACH LINE OF BEAMS CAREFULLY ALIGNED ACROSS THE PIERS. IN CASE OF VARIATION IN LENGTH, EQUALIZE THE VARIATION BETWEEN THE TWO ENDS OF THE BEAM.

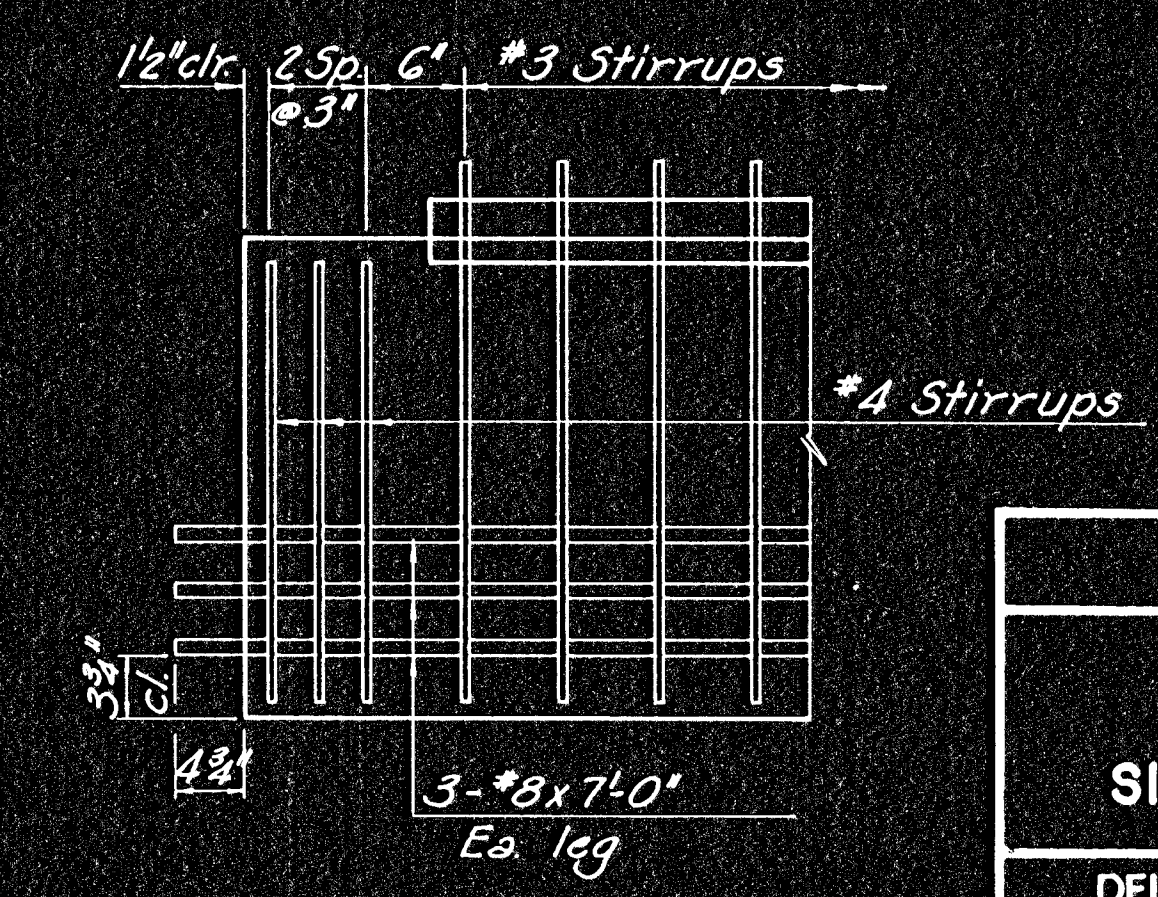
BEAM ENDS SHALL HAVE FULL BEARING ON GROUT* ONLY; THEY SHALL NOT BE SET ON METAL BARS OR RODS. TEMPORARY WOOD OR METAL WEDGES MAY BE USED TO MAINTAIN GROUT THICKNESS AND PREVENT TIPPING, BUT IF USED SHALL BE REMOVED BEFORE DIAPHRAGM CONCRETE IS PLACED. FOR ROADWAY BEAMS, TEMPORARY SHORT SHORES UNDER THE FLANGES TO THE TOP OF THE PIER MAY BE HELPFUL IN MAINTAINING BEAM POSITION UNTIL DIAPHRAGM CONCRETE IS PLACED AND SET UP.

SEE SHEET 16 FOR BEAM DESIGN AND HANDLING NOTES.



CONNECTION DETAIL AT PIERS 2, 3, 4, & 5

NOTE: Angles may be rotated for welding. Angles and welding shall be subsidiary to bid item of Prestressed Concrete Beams.



END DETAILS PIERS 2, 3, 4, & 5

CITY OF WICHITA, KANSAS R.W. LINN, P.E., CITY ENGINEER	
FIRST STREET BRIDGE OVER THE ARKANSAS RIVER	
SIDWALK BEAM DETAILS	
DELAMATER, FREUND & SCHERER, P.A. CONSULTING ENGINEERS WICHITA, KANSAS	
SCALE	DATE June, 1974
SHEET NO. 89-G-17	