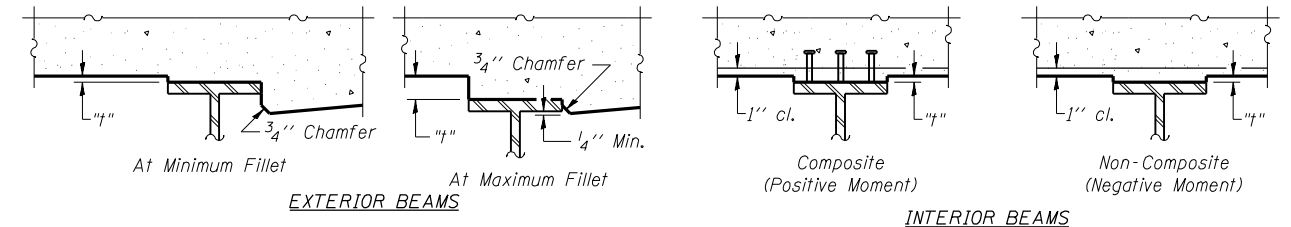


DIAGRAMMATIC PLAN

DIAGRAMMATIC PLAN - LAYOUT DIMENSIONS

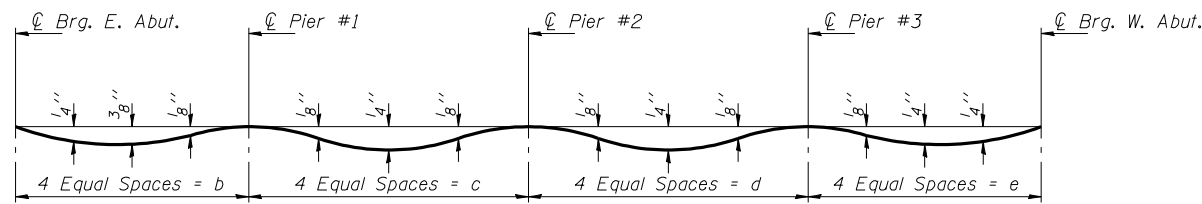
(Measured Along Centerline of Beam)

Line No.	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5
a	228'-8 ³ / ₄ "	228'-10 ¹ / ₈ "	228'-11 ⁵ / ₈ "	229'-1"	229'-2 ⁵ / ₈ "
b	52'-5"	52'-5 ⁷ / ₁₆ "	52'-5 ¹³ / ₁₆ "	52'-6 ¹ / ₄ "	52'-6 ¹¹ / ₁₆ "
c	60'-0 ¹ / ₄ "	60'-0 ⁵ / ₈ "	60'-1 ¹ / ₁₆ "	60'-1 ⁷ / ₁₆ "	60'-1 ⁷ / ₈ "
d	59'-3 ³ / ₈ "	59'-3 ⁷ / ₁₆ "	59'-3 ¹³ / ₁₆ "	59'-4 ¹ / ₈ "	59'-4 ¹ / ₂ "
e	50'-6 ³ / ₈ "	50'-6 ⁵ / ₈ "	50'-6 ⁷ / ₈ "	50'-7 ¹ / ₈ "	50'-7 ³ / ₈ "
f	3'-3 ¹⁵ / ₁₆ "	3'-3 ¹⁵ / ₁₆ "	3'-4"	3'-4"	3'-4 ¹ / ₁₆ "
g	12'-5"	12'-5 ⁷ / ₁₆ "	12'-5 ¹³ / ₁₆ "	12'-6 ¹ / ₄ "	12'-6 ¹¹ / ₁₆ "
h	10'-0 ¹ / ₄ "	10'-0 ⁵ / ₈ "	10'-1 ¹ / ₁₆ "	10'-1 ⁷ / ₁₆ "	10'-1 ⁷ / ₈ "
i	9'-3 ³ / ₈ "	9'-3 ⁷ / ₁₆ "	9'-3 ¹³ / ₁₆ "	9'-4 ¹ / ₈ "	9'-4 ¹ / ₂ "
j	10'-6 ³ / ₈ "	10'-6 ⁵ / ₈ "	10'-6 ⁷ / ₈ "	10'-7 ¹ / ₈ "	10'-7 ³ / ₈ "
k	3'-2 ¹ / ₁₆ "	3'-2 ¹ / ₁₆ "	3'-2 ¹ / ₁₆ "	3'-2 ¹ / ₁₆ "	3'-2 ³ / ₈ "



To determine "f": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on this sheet. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheet 5 of 21, minus slab thickness, equals the fillet heights "f" above top flange of beams.

FILLET HEIGHTS



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheet 5 of 21.

Corporate License Number 184-001-084

TOP OF SLAB ELEVATIONS
I-72/MACARTHUR BLVD. RAMP C OVER UPRR
SECTION (84-9-4)A, HBK, BY, BY-1
SANGAMON COUNTY
STATION 46+01.97
STRUCTURE NUMBER 084-0516

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JOB# 96S2002B

DATE 11/16/05

LAYOUT 06/27/03
 DRAWN 01/04/05
 REVIEWED JMM 02/24/05
 \$FILE\$ 12/16/2006