

FRAMING PLAN WESTBOUND STRUCTURE

BEAM DIMENSIONS

(Measured Along Centerline of Beam)

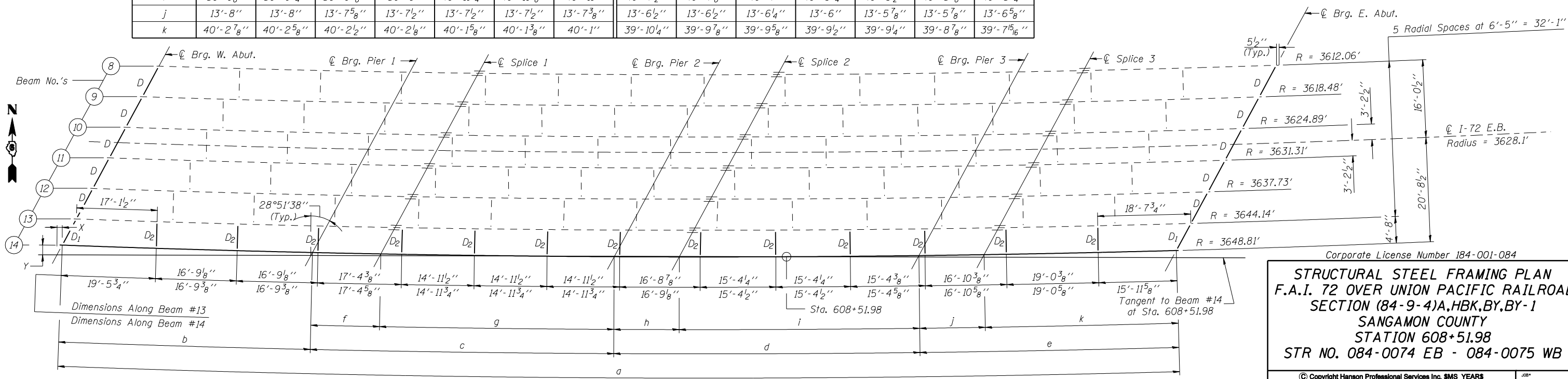
Line No.	WESTBOUND STRUCTURE							EASTBOUND STRUCTURE						
	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5	Beam 6	Beam 7	Beam 8	Beam 9	Beam 10	Beam 11	Beam 12	Beam 13	Beam 14
a	232'-10 ¹ / ₁₆ "	232'-8 ⁷ / ₈ "	232'-7 ¹ / ₄ "	232'-5 ⁵ / ₈ "	232'-4 ¹ / ₈ "	232'-2 ⁵ / ₈ "	232'-1"	230'-10 ¹ / ₄ "	230'-8 ⁷ / ₈ "	230'-7 ¹ / ₄ "	230'-5 ⁷ / ₈ "	230'-4 ⁵ / ₈ "	230'-2 ⁷ / ₈ "	230'-2"
b	52'-4 ⁷ / ₁₆ "	52'-4 ¹ / ₈ "	52'-3 ⁷ / ₈ "	52'-3 ⁵ / ₈ "	52'-3 ¹ / ₂ "	52'-3"	52'-2 ³ / ₄ "	51'-11 ⁵ / ₈ "	51'-11 ¹ / ₂ "	51'-11 ¹ / ₈ "	51'-10 ³ / ₄ "	51'-10 ⁵ / ₈ "	51'-10 ¹ / ₄ "	51'-10 ¹ / ₁₆ "
c	62'-11 ¹ / ₂ "	62'-11 ¹ / ₄ "	62'-10 ³ / ₄ "	62'-10 ¹ / ₄ "	62'-9 ³ / ₄ "	62'-9 ³ / ₈ "	62'-9 ¹ / ₈ "	62'-5 ³ / ₈ "	62'-5"	62'-4 ¹ / ₂ "	62'-4 ³ / ₈ "	62'-3 ⁷ / ₈ "	62'-3 ¹ / ₂ "	62'-3 ¹ / ₄ "
d	63'-7 ¹ / ₄ "	63'-6 ⁷ / ₈ "	63'-6 ¹ / ₂ "	63'-6 ¹ / ₈ "	63'-5 ³ / ₄ "	63'-5 ³ / ₈ "	63'-4 ³ / ₄ "	63'-0 ¹ / ₂ "	63'-0"	62'-11 ³ / ₄ "	62'-11 ¹ / ₄ "	62'-11"	62'-10 ³ / ₈ "	62'-10 ¹ / ₈ "
e	53'-10 ⁷ / ₈ "	53'-10 ⁵ / ₈ "	53'-10 ¹ / ₈ "	53'-9 ⁵ / ₈ "	53'-9 ¹ / ₈ "	53'-8 ⁷ / ₈ "	53'-8 ³ / ₈ "	53'-4 ³ / ₄ "	53'-4 ³ / ₈ "	53'-3 ⁷ / ₈ "	53'-3 ¹ / ₂ "	53'-3 ¹ / ₈ "	53'-2 ³ / ₄ "	53'-2 ⁹ / ₁₆ "
f	14'-1 ¹ / ₂ "	14'-1 ¹ / ₂ "	14'-1 ³ / ₈ "	14'-1 ¹ / ₄ "	14'-1 ¹ / ₈ "	14'-1 ¹ / ₈ "	14'-1"	14'-0 ³ / ₈ "	14'-0 ¹ / ₄ "	14'-0 ¹ / ₈ "	14'-0"	13'-11 ⁷ / ₈ "	13'-11 ³ / ₄ "	13'-11 ³ / ₄ "
g	48'-10"	48'-9 ³ / ₄ "	48'-9 ³ / ₈ "	48'-9"	48'-8 ⁵ / ₈ "	48'-8 ¹ / ₄ "	48'-8 ¹ / ₈ "	48'-5"	48'-4 ³ / ₄ "	48'-4 ³ / ₈ "	48'-4 ³ / ₈ "	48'-4"	48'-3 ⁵ / ₈ "	48'-3 ¹ / ₂ "
h	13'-6 ¹ / ₈ "	13'-6 ¹ / ₈ "	13'-6 ¹ / ₈ "	13'-6 ¹ / ₈ "	13'-6"	13'-6"	13'-5 ³ / ₄ "	13'-5"	13'-4 ⁷ / ₈ "	13'-4 ³ / ₄ "	13'-4 ¹ / ₂ "	13'-4 ¹ / ₂ "	13'-4 ¹ / ₂ "	13'-4 ³ / ₈ "
i	50'-1 ¹ / ₈ "	50'-0 ³ / ₄ "	50'-0 ³ / ₈ "	50'-0"	49'-11 ³ / ₄ "	49'-11 ³ / ₈ "	49'-11"	49'-7 ¹ / ₂ "	49'-7 ¹ / ₈ "	49'-7"	49'-6 ³ / ₄ "	49'-6 ¹ / ₂ "	49'-5 ⁷ / ₈ "	49'-5 ³ / ₄ "
j	13'-8"	13'-8"	13'-7 ⁵ / ₈ "	13'-7 ¹ / ₂ "	13'-7 ¹ / ₂ "	13'-7 ¹ / ₂ "	13'-7 ³ / ₈ "	13'-6 ¹ / ₂ "	13'-6 ¹ / ₂ "	13'-6 ¹ / ₄ "	13'-6"	13'-5 ⁷ / ₈ "	13'-5 ⁷ / ₈ "	13'-6 ⁵ / ₈ "
k	40'-2 ⁷ / ₈ "	40'-2 ⁵ / ₈ "	40'-2 ¹ / ₂ "	40'-2 ¹ / ₈ "	40'-1 ⁵ / ₈ "	40'-1 ³ / ₈ "	40'-1"	39'-10 ¹ / ₄ "	39'-9 ⁷ / ₈ "	39'-9 ⁵ / ₈ "	39'-9 ¹ / ₂ "	39'-9 ¹ / ₄ "	39'-8 ⁷ / ₈ "	39'-7 ¹⁵ / ₁₆ "

BEAM LAYOUT DIMENSIONS

(Measured from beam local tangent to Centerline of Beam)

Beam	☉ Brg W Abut		☉ pier #1		☉ splice #1		☉ pier #2	
	X	Y	X	Y	X	Y	X	Y
1	5 ³ / ₄ "	10 ⁷ / ₁₆ "	5 ⁸ / ₁₆ "	1 ¹ / ₈ "	1 ¹ / ₈ "	1 ¹ / ₄ "	1 ⁵ / ₁₆ "	2 ³ / ₈ "
14	1'-8 ³ / ₁₆ "	3' 1 ³ / ₄ "	9"	1'-4 ⁵ / ₁₆ "	6 ⁵ / ₈ "	1'-0 ¹ / ₁₆ "	1 ¹ / ₄ "	2 ⁵ / ₁₆ "

Beam	☉ splice #2		☉ pier #3		☉ splice #3		☉ Brg E Abut	
	X	Y	X	Y	X	Y	X	Y
1	2 ⁷ / ₁₆ "	4 ³ / ₈ "	9 ⁹ / ₁₆ "	1'-5 ³ / ₈ "	1'-0 ⁵ / ₁₆ "	1'-10 ³ / ₈ "	1'-10 ¹ / ₂ "	3'-4 ⁷ / ₈ "
14	1 ¹ / ₂ "	1 ⁵ / ₁₆ "	9 ⁹ / ₁₆ "	1 ¹ / ₁₆ "	1 ³ / ₈ "	2 ¹ / ₂ "	5 ⁵ / ₈ "	10 ³ / ₁₆ "



FRAMING PLAN EASTBOUND STRUCTURE

Corporate License Number 184-001-084

STRUCTURAL STEEL FRAMING PLAN
F.A.I. 72 OVER UNION PACIFIC RAILROAD
SECTION (84-9-4)A,HBK,BY,BY-1
SANGAMON COUNTY
STATION 608+51.98
STR NO. 084-0074 EB - 084-0075 WB

© Copyright Hanson Professional Services Inc. SMS_YEAR5

HANSON

JOB# 96S2002B
DATE# 01/12/06

MM 06/27/03
DAP 07/17/03
JMM 10/27/03