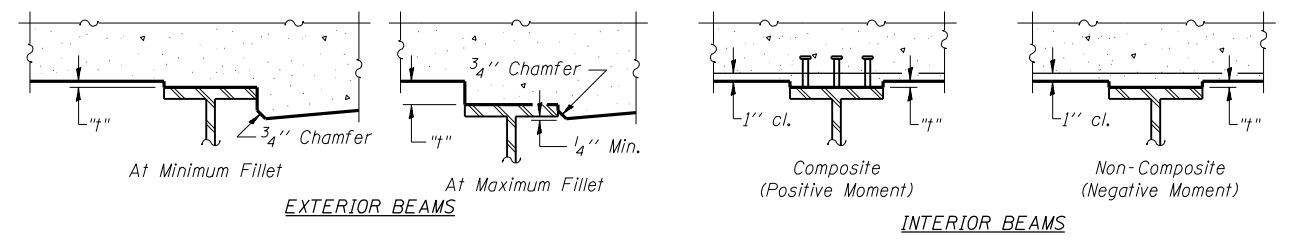


**WESTBOUND DIAGRAMMATIC PLAN**

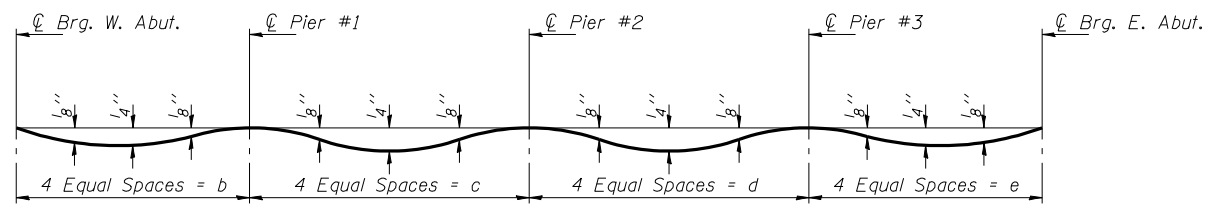
**WESTBOUND DIAGRAMMATIC PLAN - LAYOUT DIMENSIONS**  
(Measured Along Centerline of Beam)

Line No.	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5	Beam 6	Beam 7
a	238'-6 <sup>3</sup> / <sub>16</sub> "	238'-5"	238'-3 <sup>1</sup> / <sub>4</sub> "	238'-1 <sup>5</sup> / <sub>8</sub> "	238'-0 <sup>9</sup> / <sub>8</sub> "	237'-10 <sup>5</sup> / <sub>8</sub> "	237'-9"
b	52'-4 <sup>7</sup> / <sub>16</sub> "	52'-4 <sup>1</sup> / <sub>8</sub> "	52'-3 <sup>7</sup> / <sub>8</sub> "	52'-3 <sup>5</sup> / <sub>8</sub> "	52'-3 <sup>1</sup> / <sub>2</sub> "	52'-3"	52'-2 <sup>3</sup> / <sub>4</sub> "
c	62'-11 <sup>1</sup> / <sub>2</sub> "	62'-11 <sup>1</sup> / <sub>4</sub> "	62'-10 <sup>3</sup> / <sub>4</sub> "	62'-10 <sup>1</sup> / <sub>4</sub> "	62'-9 <sup>3</sup> / <sub>4</sub> "	62'-9 <sup>3</sup> / <sub>8</sub> "	62'-9 <sup>1</sup> / <sub>8</sub> "
d	63'-7 <sup>1</sup> / <sub>4</sub> "	63'-6 <sup>7</sup> / <sub>8</sub> "	63'-6 <sup>1</sup> / <sub>2</sub> "	63'-6 <sup>1</sup> / <sub>8</sub> "	63'-5 <sup>3</sup> / <sub>4</sub> "	63'-5 <sup>3</sup> / <sub>8</sub> "	63'-4 <sup>3</sup> / <sub>4</sub> "
e	53'-10 <sup>7</sup> / <sub>8</sub> "	53'-10 <sup>5</sup> / <sub>8</sub> "	53'-10 <sup>1</sup> / <sub>8</sub> "	53'-9 <sup>5</sup> / <sub>8</sub> "	53'-9 <sup>3</sup> / <sub>8</sub> "	53'-8 <sup>7</sup> / <sub>8</sub> "	53'-8 <sup>3</sup> / <sub>8</sub> "
f	2'-9 <sup>7</sup> / <sub>16</sub> "	2'-9 <sup>3</sup> / <sub>8</sub> "	2'-9 <sup>3</sup> / <sub>8</sub> "	2'-9 <sup>3</sup> / <sub>8</sub> "	2'-9 <sup>3</sup> / <sub>8</sub> "	2'-9 <sup>3</sup> / <sub>8</sub> "	2'-9 <sup>3</sup> / <sub>8</sub> "
g	12'-4 <sup>7</sup> / <sub>16</sub> "	12'-4 <sup>1</sup> / <sub>8</sub> "	12'-3 <sup>7</sup> / <sub>8</sub> "	12'-3 <sup>5</sup> / <sub>8</sub> "	12'-3 <sup>1</sup> / <sub>2</sub> "	12'-3"	12'-2 <sup>3</sup> / <sub>4</sub> "
h	12'-11 <sup>1</sup> / <sub>2</sub> "	12'-11 <sup>1</sup> / <sub>4</sub> "	12'-10 <sup>3</sup> / <sub>4</sub> "	12'-10 <sup>1</sup> / <sub>4</sub> "	12'-9 <sup>3</sup> / <sub>4</sub> "	12'-9 <sup>3</sup> / <sub>8</sub> "	12'-9 <sup>1</sup> / <sub>8</sub> "
i	13'-7 <sup>1</sup> / <sub>4</sub> "	13'-6 <sup>7</sup> / <sub>8</sub> "	13'-6 <sup>1</sup> / <sub>2</sub> "	13'-6 <sup>1</sup> / <sub>8</sub> "	13'-5 <sup>3</sup> / <sub>4</sub> "	13'-5 <sup>3</sup> / <sub>8</sub> "	13'-4 <sup>3</sup> / <sub>4</sub> "
j	13'-10 <sup>7</sup> / <sub>8</sub> "	13'-10 <sup>5</sup> / <sub>8</sub> "	13'-10 <sup>1</sup> / <sub>8</sub> "	13'-9 <sup>5</sup> / <sub>8</sub> "	13'-9 <sup>3</sup> / <sub>8</sub> "	13'-8 <sup>7</sup> / <sub>8</sub> "	13'-8 <sup>3</sup> / <sub>8</sub> "
k	2'-10 <sup>11</sup> / <sub>16</sub> "	2'-10 <sup>3</sup> / <sub>4</sub> "	2'-10 <sup>5</sup> / <sub>8</sub> "	2'-10 <sup>5</sup> / <sub>8</sub> "	2'-10 <sup>5</sup> / <sub>8</sub> "	2'-10 <sup>5</sup> / <sub>8</sub> "	2'-10 <sup>5</sup> / <sub>8</sub> "



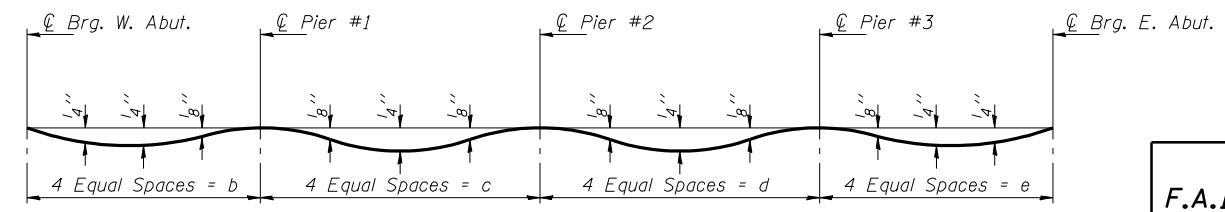
To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on this sheet. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 06 and 07 of 44, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**



**DEAD LOAD DEFLECTION DIAGRAM - BEAM #1**  
(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 06 of 44.



**DEAD LOAD DEFLECTION DIAGRAM - BEAMS #2-#7**  
(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 sheets 06 and 07 of 44.

\$FILES 12/16/2006  
 LAYOUT 06/27/03  
 DRAWN 07/17/03  
 REVIEWED JMM 10/27/03

Corporate License Number 184-001-084

**TOP OF SLAB ELEVATIONS-(WB)**  
**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\_YEAR\$

**HANSON**

DATE: 01/12/06