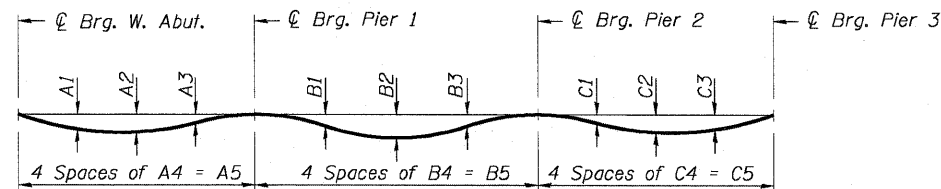


TOP OF SLAB ELEVATION PLAN - UNIT 1

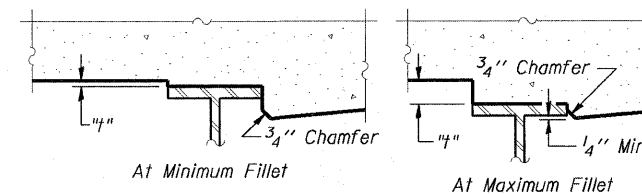


DEAD LOAD DEFLECTION DIAGRAM

(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 Sheets S-16 thru S-19 of S-234.



To determine "I": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheets S-16 thru S-19 of S-234, minus slab thickness, equals the fillet heights "I" above top flange of beams.

FILLET HEIGHTS

Girder	DEAD LOAD DEFLECTIONS														
	Span 1					Span 2					Span 3				
	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5
1	1 1/8"	1 1/4"	1/2"	37'- 0 1/4"	148'- 1 1/8"	1"	1 3/4"	7/8"	47'- 7 3/8"	190'- 5 1/4"	1/2"	1 1/4"	1 1/8"	36'- 9 1/4"	147'- 0 7/8"
2	1 1/8"	1 1/4"	1/2"	37'- 0 7/8"	148'- 3 1/4"	1"	1 3/4"	7/8"	47'- 9"	191'- 0 1/8"	1/2"	1 1/4"	1 1/8"	36'- 10 5/8"	147'- 6 1/4"
3	---	---	---	---	---	3/4"	3/8"	1/8"	13'- 11 5/8"	55'- 10 1/2"	1/2"	1 1/4"	1 1/8"	36'- 11 1/2"	147'- 10 1/8"
4	1 1/8"	1 1/4"	1/2"	37'- 1"	148'- 4 1/8"	1"	1 3/4"	7/8"	47'- 10 1/2"	191'- 5 7/8"	1/2"	1 1/4"	1 1/8"	37'- 0 3/8"	148'- 1 1/4"
5	1 1/4"	1 3/8"	1/2"	37'- 1 5/8"	148'- 6 1/4"	1"	1 3/4"	7/8"	48'- 0 1/4"	192'- 0 3/4"	1/2"	1 1/4"	1 1/4"	37'- 1 5/8"	148'- 6 5/8"
6	1 1/4"	1 3/8"	5/8"	37'- 2 1/8"	148'- 8 3/8"	1"	1 7/8"	7/8"	48'- 2"	192'- 7 3/4"	1/2"	1 3/8"	1 1/4"	37'- 3"	149'- 0 1/8"
7	1 3/8"	1 1/2"	5/8"	37'- 2 5/8"	148'- 10 1/2"	1"	1 7/8"	1"	48'- 3 3/4"	193'- 2 3/4"	5/8"	1 1/2"	1 3/8"	37'- 4 3/8"	149'- 5 1/2"
8	1 1/2"	1 5/8"	5/8"	37'- 3 1/8"	149'- 0 5/8"	1 1/8"	2"	1 1/8"	48'- 5 1/2"	193'- 9 7/8"	5/8"	1 5/8"	1 1/2"	37'- 5 3/4"	149'- 10 7/8"



USER NAME =
 PLOT SCALE = 8x2.0000 1" / IN.
 PLOT DATE = 6/27/2011

DESIGNED - PUL
 DRAWN - BRD
 CHECKED - KAB
 DATE - 07-01-11

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATION PLAN - UNIT 1
 I-70E OVER I-55, CSX & KCS RAILROADS

SCALE: SHEET S-15 OF S-234 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-2	ST. CLAIR	399	142
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				