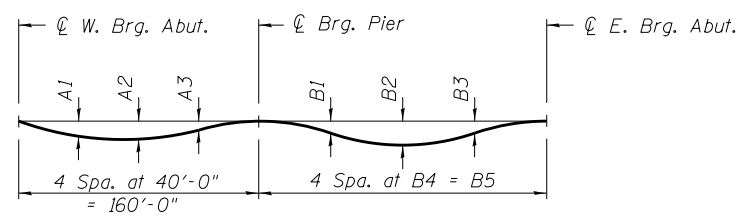
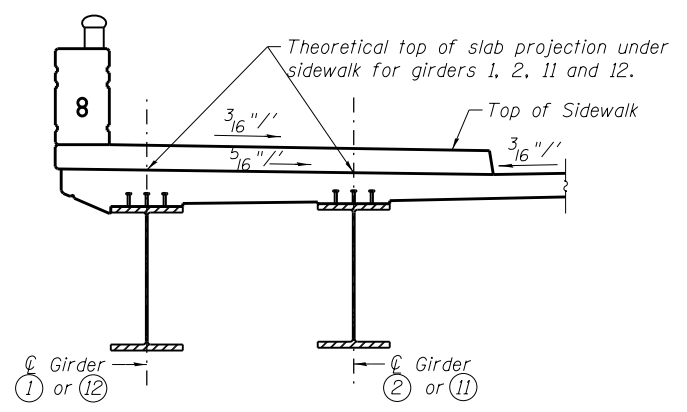


**PLAN**

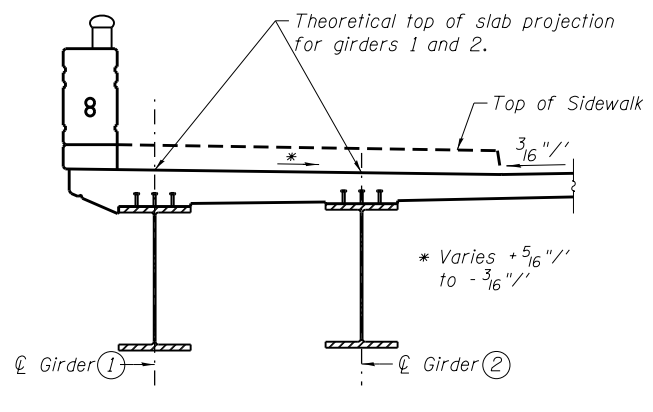


**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete deck, sidewalk, parapet and railing)  
 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 S1-09 thru S1-13 of S1-48.



**PROJECTION UNDER SIDEWALK**  
 (Typ. both sides)

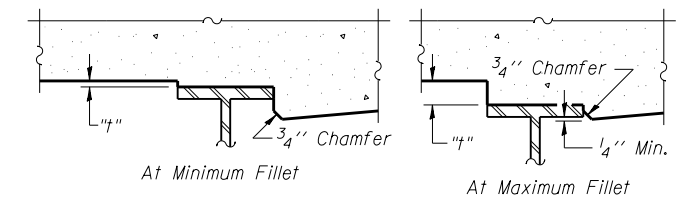


**PROJECTION OF DECK AT SIDEWALK RAMP**  
 (Southeast Corner)

**TABLE 1**

Girder	A	B	C
12	13	130'-0"	5'-0 <sup>13</sup> / <sub>16</sub> "
11	12	120'-0"	12'-0 <sup>8</sup> / <sub>16</sub> "
10	12	120'-0"	8'-11 <sup>1</sup> / <sub>16</sub> "
9	12	120'-0"	5'-10 <sup>3</sup> / <sub>4</sub> "
8	11	110'-0"	12'-10 <sup>1</sup> / <sub>16</sub> "
7	11	110'-0"	9'-9 <sup>3</sup> / <sub>8</sub> "
6	11	110'-0"	6'-8 <sup>5</sup> / <sub>8</sub> "
5	10	100'-0"	13'-7 <sup>5</sup> / <sub>16</sub> "
4	10	100'-0"	10'-7 <sup>1</sup> / <sub>4</sub> "
3	10	100'-0"	7'-6 <sup>9</sup> / <sub>16</sub> "
2	9	90'-0"	14'-5 <sup>7</sup> / <sub>8</sub> "
1	9	90'-0"	11'-5 <sup>3</sup> / <sub>16</sub> "

Girder Number	DEAD LOAD DEFLECTIONS								
	Span 1			Span 2					
	A1	A2	A3	B1	B2	B3	B4	B5	
12	2 3/4"	3 3/8"	1 3/4"	1/8"	7/8"	7/8"	33'-9 3/16"	135'-0 13/16"	
11	2 3/4"	3 3/8"	1 3/4"	1/8"	3/4"	3/4"	33'-0"	132'-0 1/8"	
10	2 7/8"	3 1/2"	1 7/8"	0"	5/8"	5/8"	32'-2 7/8"	128'-11 7/16"	
9	2 7/8"	3 1/2"	1 7/8"	0"	1/2"	1/2"	31'-5 11/16"	125'-10 3/4"	
8	2 7/8"	3 5/8"	1 7/8"	-1/8"	3/8"	3/8"	30'-8 1/2"	122'-10 1/16"	
7	2 7/8"	3 5/8"	2"	-1/8"	1/4"	3/8"	29'-11 5/16"	119'-9 3/8"	
6	3"	3 3/4"	2"	-1/4"	1/8"	1/4"	29'-2 1/8"	116'-8 5/8"	
5	3"	3 3/4"	2"	-1/4"	0"	1/8"	28'-5"	113'-7 15/16"	
4	3"	3 3/4"	2 1/8"	-1/4"	0"	1/8"	27'-7 13/16"	110'-7 1/4"	
3	3 1/8"	3 7/8"	2 1/8"	-1/4"	-1/8"	0"	26'-10 5/8"	107'-6 9/16"	
2	3"	3 7/8"	2 1/8"	-3/8"	-1/8"	0"	26'-1 7/16"	104'-5 7/8"	
1	3"	3 3/4"	2 1/8"	-3/8"	-1/4"	0"	25'-4 5/16"	101'-5 3/16"	



To determine "t": 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 S1-09 thru S1-13 of S1-48, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

0161713-60W26-S08-TopSlab



USER NAME = dunkerleyb	DESIGNED - EJO	REVISED
PLOT SCALE = N.T.S.	CHECKED - ATB	REVISED
PLOT DATE = 9/15/2013	DRAWN - BRD	REVISED
	CHECKED - EJO	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATION PLAN  
 STRUCTURE NO. 016-1713**

SHEET NO. S1-08 OF S1-48 SHEETS

F.A.I. RTE. 90/94/290	SECTION 2013-00BR	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 258
CONTRACT NO. 60W26			ILLINOIS FED. AID PROJECT	