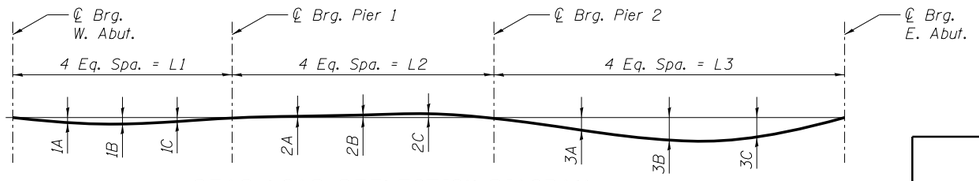


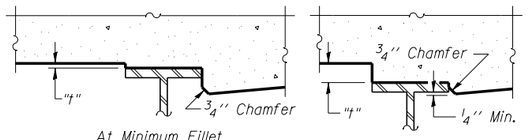
DEAD LOAD DEFLECTION DIAGRAM

(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 herein and on sheet SB7.

DEAD LOAD DEFLECTION TABLE

Girder	1A	1B	1C	2A	2B	2C	3A	3B	3C	L1	L2	L3
1	3/8"	1/2"	3/8"	-0"	-1/8"	-1/4"	1 1/4"	2 3/8"	2"	72'-11 1/2"	87'-8"	119'-2"
2	1/2"	5/8"	1/4"	-1/8"	-1/8"	-1/4"	1 3/8"	2 3/8"	2"	72'-9 1/4"	87'-2 1/2"	117'-10"
3	1/2"	5/8"	3/8"	-1/8"	-1/8"	-1/4"	1 3/8"	2 3/8"	2"	72'-7 1/8"	86'-9 1/4"	116'-7"
4	1/2"	5/8"	3/8"	-1/8"	-1/4"	-3/8"	1 1/2"	2 5/8"	2 1/8"	72'-5 1/8"	86'-4 1/2"	115'-5 1/4"



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown herein and on sheet SB5. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown herein and on sheet SB7, minus 8" deck thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	214+00.68	-24.00	626.14	626.14
℄ Exp. Jt.	214+02.89	-24.00	626.19	626.19
℄ Brg. W. Abut.	214+04.26	-24.00	626.22	626.22
1A	214+14.68	-24.00	626.44	626.46
1B	214+25.09	-24.00	626.64	626.68
1C	214+35.51	-24.00	626.83	626.87
1D	214+45.93	-24.00	627.00	627.04
1E	214+56.34	-24.00	627.15	627.18
1F	214+66.76	-24.00	627.28	627.31
℄ Brg. Pier 1	214+80.26	-24.00	627.44	627.44
2A	214+90.68	-24.00	627.54	627.54
2B	215+01.10	-24.00	627.62	627.62
2C	215+11.52	-24.00	627.69	627.69
2D	215+21.93	-24.00	627.74	627.73
2E	215+32.35	-24.00	627.77	627.76
2F	215+42.77	-24.00	627.79	627.77
2G	215+53.18	-24.00	627.79	627.77
2H	215+63.60	-24.00	627.78	627.77
℄ Brg. Pier 2	215+71.58	-24.00	627.75	627.75
3A	215+82.00	-24.00	627.71	627.74
3B	215+92.41	-24.00	627.65	627.71
3C	216+02.83	-24.00	627.57	627.68
3D	216+13.25	-24.00	627.48	627.63
3E	216+23.66	-24.00	627.37	627.55
3F	216+34.08	-24.00	627.25	627.45
3G	216+44.50	-24.00	627.11	627.31
3H	216+54.91	-24.00	626.95	627.14
3J	216+65.33	-24.00	626.78	626.94
3K	216+75.75	-24.00	626.59	626.71
3L	216+86.16	-24.00	626.38	626.45
℄ Brg. E. Abut.	216+95.72	-24.00	626.18	626.18
℄ Exp. Jt.	216+97.85	-24.00	626.13	626.13
Bk. E. Abut.	217+01.00	-24.00	626.06	626.06

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	213+97.54	-14.67	626.63	626.63
℄ Exp. Jt.	213+99.78	-14.67	626.68	626.68
℄ Brg. W. Abut.	214+01.12	-14.67	626.71	626.71
1A	214+11.37	-14.67	626.93	626.95
1B	214+21.62	-14.67	627.14	627.18
1C	214+31.87	-14.67	627.32	627.38
1D	214+42.12	-14.67	627.50	627.54
1E	214+52.37	-14.67	627.65	627.68
1F	214+62.62	-14.67	627.79	627.80
℄ Brg. Pier 1	214+75.72	-14.67	627.95	627.95
2A	214+85.98	-14.67	628.05	628.05
2B	214+96.23	-14.67	628.14	628.14
2C	215+06.48	-14.67	628.22	628.21
2D	215+16.73	-14.67	628.27	628.26
2E	215+26.98	-14.67	628.32	628.31
2F	215+37.23	-14.67	628.34	628.32
2G	215+47.48	-14.67	628.35	628.33
2H	215+57.73	-14.67	628.35	628.34
℄ Brg. Pier 2	215+65.11	-14.67	628.33	628.33
3A	215+75.36	-14.67	628.30	628.33
3B	215+85.61	-14.67	628.25	628.32
3C	215+95.86	-14.67	628.19	628.30
3D	216+06.11	-14.67	628.11	628.26
3E	216+16.36	-14.67	628.01	628.19
3F	216+26.61	-14.67	627.90	628.10
3G	216+36.86	-14.67	627.77	627.97
3H	216+47.11	-14.67	627.63	627.82
3J	216+57.36	-14.67	627.47	627.63
3K	216+67.62	-14.67	627.30	627.41
3L	216+77.87	-14.67	627.11	627.16
℄ Brg. E. Abut.	216+85.89	-14.67	626.95	626.95
℄ Exp. Jt.	216+87.95	-14.67	626.90	626.90
Bk. E. Abut.	216+91.00	-14.67	626.84	626.84

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312-565-0450 Job No. 10093

FILE NAME =	USER NAME = ksnider	DESIGNED - KWS	REVISED -
		CHECKED - RJT	REVISED -
0161512_60W77_006_TOS_Elev_1.dgn	PLOT SCALE =	DRAWN - KMS	REVISED -
	PLOT DATE = 6/23/2014	CHECKED - RJT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS (1 OF 2)
STRUCTURE NO. 016-1512
SHEET NO. SB6 OF SB43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608&611)HB-B	COOK	177	122
		CONTRACT NO. 60W77		
	ILLINOIS FED. AID PROJECT			

6/23/2014 10:34:55 AM X:\10000S\10093\Eng_Docs_Phase_II\SN_016_1512_SB_1st_Ave_to_NB_I55_over_I55\Final\0161512_60W77_006_TOS_Elev_1.dgn