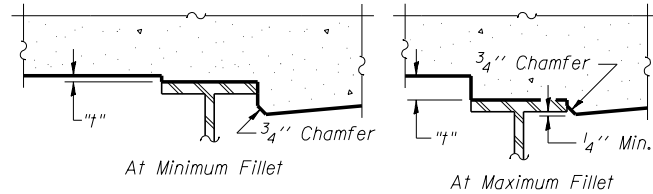


**BEAM D1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
☉ Pier 7	33+97.99	-20.25	624.30	624.30
☉ N. Brg. Pier 7	33+99.41	-20.25	624.30	624.30
8A	34+09.41	-20.25	624.26	624.27
8B	34+19.41	-20.25	624.23	624.24
8C	34+29.41	-20.25	624.20	624.20
☉ Brg. Pier 8	34+39.49	-20.25	624.16	624.16
9A	34+49.49	-20.25	624.13	624.14
9B	34+59.49	-20.25	624.10	624.12
9C	34+69.49	-20.25	624.07	624.09
9D	34+79.49	-20.25	624.04	624.05
☉ Brg. Pier 9	34+91.58	-20.25	624.00	624.00
10A	35+01.58	-20.25	623.97	623.98
10B	35+11.58	-20.25	623.94	623.96
10C	35+21.58	-20.25	623.91	623.93
10D	35+31.58	-20.25	623.88	623.89
☉ Brg. Pier 10	35+43.66	-20.25	623.85	623.85
11A	35+53.66	-20.25	623.82	623.82
11B	35+63.66	-20.25	623.79	623.80
11C	35+73.66	-20.25	623.76	623.78
11D	35+83.66	-20.25	623.73	623.74
☉ Brg. Pier 11	35+95.93	-20.47	623.68	623.68
12A	36+05.93	-20.67	623.64	623.65
12B	36+15.93	-20.87	623.60	623.62
12C	36+25.93	-21.08	623.56	623.58
☉ Brg. N. Abut.	36+38.15	-21.31	623.51	623.51
Bk. N. Abut.	36+41.36	-21.37	623.50	623.50

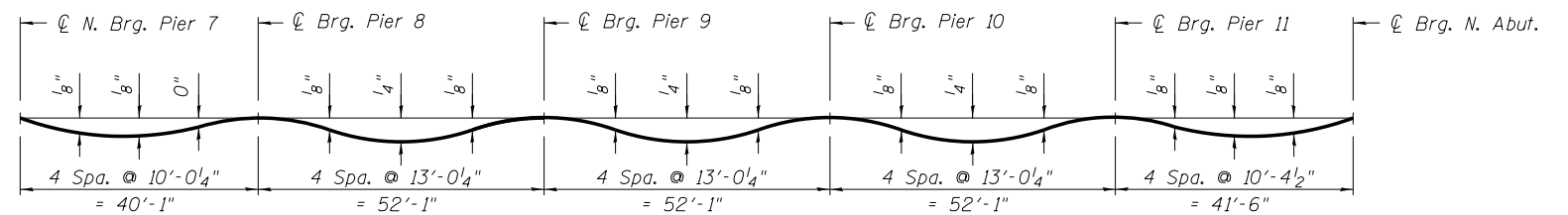
**BEAM D2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
☉ Pier 7	33+91.73	-12.81	624.47	624.47
☉ N. Brg. Pier 7	33+93.15	-12.81	624.47	624.47
8A	34+03.15	-12.81	624.43	624.44
8B	34+13.15	-12.81	624.40	624.41
8C	34+23.15	-12.81	624.37	624.37
☉ Brg. Pier 8	34+33.23	-12.81	624.33	624.33
9A	34+43.23	-12.81	624.30	624.31
9B	34+53.23	-12.81	624.27	624.29
9C	34+63.23	-12.81	624.24	624.26
9D	34+73.23	-12.81	624.21	624.22
☉ Brg. Pier 9	34+85.32	-12.81	624.17	624.17
10A	34+95.32	-12.81	624.14	624.15
10B	35+05.32	-12.81	624.11	624.13
10C	35+15.32	-12.81	624.08	624.10
10D	35+25.32	-12.81	624.05	624.06
☉ Brg. Pier 10	35+37.40	-12.81	624.01	624.01
11A	35+47.40	-12.81	623.98	623.99
11B	35+57.40	-12.81	623.95	623.97
11C	35+67.40	-12.81	623.92	623.94
11D	35+77.40	-12.81	623.89	623.90
☉ Brg. Pier 11	35+89.48	-12.81	623.86	623.86
12A	35+99.48	-12.81	623.82	623.83
12B	36+09.48	-12.81	623.79	623.80
12C	36+19.48	-12.81	623.75	623.77
☉ Brg. N. Abut.	36+30.98	-12.81	623.71	623.71
Bk. N. Abut.	36+34.14	-12.81	623.70	623.70



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. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown herein, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**



**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 SG25 thru SG27.

**NOTE:**

Offset measured from @ SB IL-171 & P.G.L.

FILE NAME =	USER NAME = jsurber	DESIGNED - TJJ	REVISED -
		CHECKED - AJK	REVISED -
0160486.60J16_025_T05.Elev.8thru12.dgn	PLOT SCALE =	DRAWN - TJJ	REVISED -
	PLOT DATE = 8/6/2014	CHECKED - AJK	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	2013-038B-R	COOK	821	615
CONTRACT NO.			60J16	
ILLINOIS FED. AID PROJECT				