

**P.G.L. EASTBOUND & C EASTBOUND ROADWAY**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3069+50.03	0.00'	730.28	730.28
C Brg. W. Abut.	3069+52.81	0.00'	730.36	730.36
A	3069+62.81	0.00'	730.66	730.68
B	3069+72.81	0.00'	730.96	730.98
C	3069+82.81	0.00'	731.25	731.26
C Brg. Pier 1	3069+93.52	0.00'	731.57	731.57
D	3070+03.52	0.00'	731.86	731.88
E	3070+13.52	0.00'	732.16	732.19
F	3070+23.52	0.00'	732.46	732.49
G	3070+33.52	0.00'	732.75	732.77
C Brg. Pier 2	3070+45.19	0.00'	733.10	733.10
H	3070+55.19	0.00'	733.39	733.40
I	3070+65.19	0.00'	733.69	733.71
J	3070+75.19	0.00'	733.99	734.01
C Brg. E. Abut.	3070+85.89	0.00'	734.30	734.30
Bk. E. Abut.	3070+88.68	0.00'	734.38	734.38

**BEAM B7 - EASTBOUND**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3069+56.38	-16.33'	730.19	730.19
C Brg. W. Abut.	3069+59.16	-16.33'	730.27	730.27
A	3069+69.16	-16.33'	730.57	730.59
B	3069+79.16	-16.33'	730.87	730.89
C	3069+89.16	-16.33'	731.16	731.17
C Brg. Pier 1	3069+99.87	-16.33'	731.48	731.48
D	3070+09.87	-16.33'	731.77	731.79
E	3070+19.87	-16.33'	732.07	732.10
F	3070+29.87	-16.33'	732.37	732.40
G	3070+39.87	-16.33'	732.66	732.68
C Brg. Pier 2	3070+51.54	-16.33'	733.01	733.01
H	3070+61.54	-16.33'	733.30	733.31
I	3070+71.54	-16.33'	733.60	733.62
J	3070+81.54	-16.33'	733.90	733.92
C Brg. E. Abut.	3070+92.25	-16.33'	734.21	734.21
Bk. E. Abut.	3070+95.03	-16.33'	734.30	734.30

**BEAM B8 - EASTBOUND**

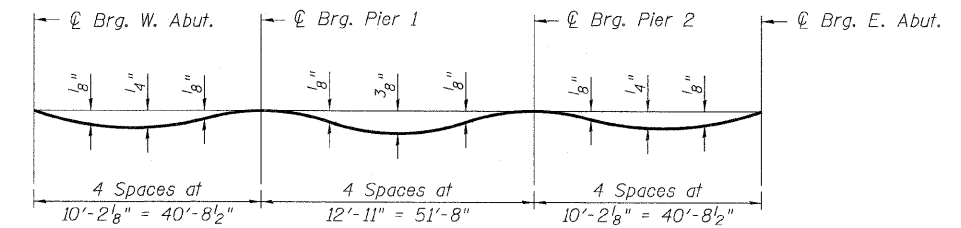
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3069+53.53	-9.00'	730.24	730.24
C Brg. W. Abut.	3069+56.31	-9.00'	730.33	730.33
A	3069+66.31	-9.00'	730.62	730.64
B	3069+76.31	-9.00'	730.92	730.94
C	3069+86.31	-9.00'	731.21	731.22
C Brg. Pier 1	3069+97.02	-9.00'	731.53	731.53
D	3070+07.02	-9.00'	731.83	731.84
E	3070+17.02	-9.00'	732.12	732.15
F	3070+27.02	-9.00'	732.42	732.45
G	3070+37.02	-9.00'	732.72	732.73
C Brg. Pier 2	3070+48.69	-9.00'	733.06	733.06
H	3070+58.69	-9.00'	733.36	733.37
I	3070+68.69	-9.00'	733.65	733.67
J	3070+78.69	-9.00'	733.95	733.97
C Brg. E. Abut.	3070+89.39	-9.00'	734.27	734.27
Bk. E. Abut.	3070+92.18	-9.00'	734.35	734.35

**BEAM B9 - EASTBOUND**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3069+50.68	-1.67'	730.27	730.27
C Brg. W. Abut.	3069+53.46	-1.67'	730.36	730.36
A	3069+63.46	-1.67'	730.65	730.67
B	3069+73.46	-1.67'	730.95	730.97
C	3069+83.46	-1.67'	731.24	731.25
C Brg. Pier 1	3069+94.17	-1.67'	731.56	731.56
D	3070+04.17	-1.67'	731.86	731.87
E	3070+14.17	-1.67'	732.15	732.18
F	3070+24.17	-1.67'	732.45	732.48
G	3070+34.17	-1.67'	732.75	732.76
C Brg. Pier 2	3070+45.83	-1.67'	733.09	733.09
H	3070+55.83	-1.67'	733.39	733.40
I	3070+65.83	-1.67'	733.68	733.70
J	3070+75.83	-1.67'	733.98	734.00
C Brg. E. Abut.	3070+86.54	-1.67'	734.30	734.30
Bk. E. Abut.	3070+89.33	-1.67'	734.38	734.38

**BEAM B10 - EASTBOUND**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3069+47.83	5.67'	730.13	730.13
C Brg. W. Abut.	3069+50.61	5.67'	730.21	730.21
A	3069+60.61	5.67'	730.51	730.52
B	3069+70.61	5.67'	730.80	730.82
C	3069+80.61	5.67'	731.10	731.11
C Brg. Pier 1	3069+91.31	5.67'	731.41	731.41
D	3070+01.31	5.67'	731.71	731.72
E	3070+11.31	5.67'	732.01	732.04
F	3070+21.31	5.67'	732.30	732.33
G	3070+31.31	5.67'	732.60	732.62
C Brg. Pier 2	3070+42.98	5.67'	732.94	732.94
H	3070+52.98	5.67'	733.24	733.25
I	3070+62.98	5.67'	733.54	733.56
J	3070+72.98	5.67'	733.83	733.85
C Brg. E. Abut.	3070+83.69	5.67'	734.15	734.15
Bk. E. Abut.	3070+86.48	5.67'	734.23	734.23



**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete only.)

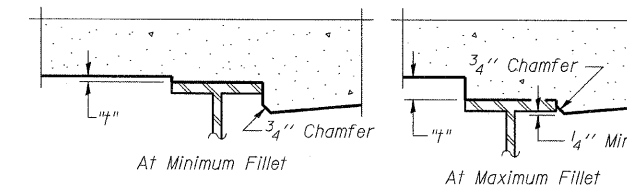
Note:  
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown above.

**BEAM B11 - EASTBOUND**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3069+44.97	13.00'	729.92	729.92
C Brg. W. Abut.	3069+47.75	13.00'	730.01	730.01
A	3069+57.75	13.00'	730.30	730.32
B	3069+67.75	13.00'	730.60	730.62
C	3069+77.75	13.00'	730.89	730.90
C Brg. Pier 1	3069+88.46	13.00'	731.21	731.21
D	3069+98.46	13.00'	731.51	731.52
E	3070+08.46	13.00'	731.80	731.83
F	3070+18.46	13.00'	732.10	732.13
G	3070+28.46	13.00'	732.39	732.41
C Brg. Pier 2	3070+40.13	13.00'	732.74	732.74
H	3070+50.13	13.00'	733.04	733.05
I	3070+60.13	13.00'	733.33	733.35
J	3070+70.13	13.00'	733.63	733.65
C Brg. E. Abut.	3070+80.84	13.00'	733.94	733.94
Bk. E. Abut.	3070+83.62	13.00'	734.03	734.03

**BEAM B12 - EASTBOUND**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3069+42.12	20.33'	729.69	729.69
C Brg. W. Abut.	3069+44.90	20.33'	729.77	729.77
A	3069+54.90	20.33'	730.06	730.08
B	3069+64.90	20.33'	730.36	730.38
C	3069+74.90	20.33'	730.66	730.67
C Brg. Pier 1	3069+85.61	20.33'	730.97	730.97
D	3069+95.61	20.33'	731.27	731.28
E	3070+05.61	20.33'	731.56	731.60
F	3070+15.61	20.33'	731.86	731.89
G	3070+25.61	20.33'	732.16	732.17
C Brg. Pier 2	3070+37.28	20.33'	732.50	732.50
H	3070+47.28	20.33'	732.80	732.81
I	3070+57.28	20.33'	733.09	733.12
J	3070+67.28	20.33'	733.39	733.41
C Brg. E. Abut.	3070+77.99	20.33'	733.71	733.71
Bk. E. Abut.	3070+80.77	20.33'	733.79	733.79



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 sheet 3 of 37. These elevations subtracted from the "Theoretical Grade Elevations Adjusted For Dead Load Deflection" shown above, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

FILE NAME =	USER NAME =	DESIGNED - DY	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TOP OF SLAB ELEVATIONS - EASTBOUND STRUCTURE NO. 006-0020 EB AND 006-0021 WB</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
TYLIN INTERNATIONAL	PLOT SCALE =	CHECKED - PF	REVISED -			80	106-5HBR-1.VBR(06-6)RS-3&I	BUREAU	249	11	
	PLOT DATE = 09/13/2011	DRAWN - DY	REVISED -			CONTRACT NO. 66686					
		CHECKED - PF	REVISED -			SHEET NO. 4 OF 37 SHEETS					