

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**GIRDER 4**

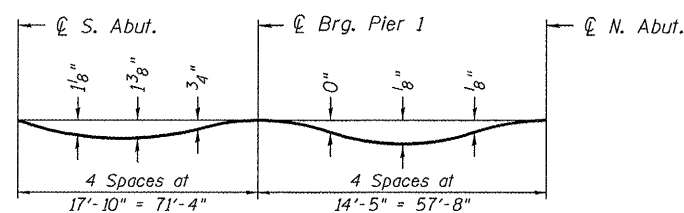
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. South Abut.	261+74.25	3.33	478.37	478.37
C.L. South Abut.	261+75.50	3.33	478.38	478.38
A	261+85.50	3.33	478.45	478.50
B	261+95.50	3.33	478.52	478.61
C	262+05.50	3.33	478.59	478.70
D	262+15.50	3.33	478.66	478.76
E	262+25.50	3.33	478.73	478.80
F	262+35.50	3.33	478.80	478.83
C.L. Pier 1	262+46.83	3.33	478.88	478.88
G	262+56.83	3.33	478.95	478.94
H	262+66.83	3.33	479.02	479.02
I	262+76.83	3.33	479.09	479.10
J	262+86.83	3.33	479.16	479.17
K	262+96.83	3.33	479.23	479.24
C.L. North Abut.	263+04.50	3.33	479.28	479.28
Bk. North Abut.	263+05.75	3.33	479.29	479.29

**GIRDER 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. South Abut.	261+74.25	10.00	478.27	478.27
C.L. South Abut.	261+75.50	10.00	478.28	478.28
A	261+85.50	10.00	478.35	478.40
B	261+95.50	10.00	478.42	478.51
C	262+05.50	10.00	478.49	478.59
D	262+15.50	10.00	478.56	478.65
E	262+25.50	10.00	478.63	478.70
F	262+35.50	10.00	478.70	478.73
C.L. Pier 1	262+46.83	10.00	478.77	478.77
G	262+56.83	10.00	478.84	478.84
H	262+66.83	10.00	478.91	478.92
I	262+76.83	10.00	478.98	479.00
J	262+86.83	10.00	479.05	479.07
K	262+96.83	10.00	479.12	479.13
C.L. North Abut.	263+04.50	10.00	479.18	479.18
Bk. North Abut.	263+05.75	10.00	479.19	479.19

**GIRDER 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. South Abut.	261+74.25	16.67	478.14	478.14
C.L. South Abut.	261+75.50	16.67	478.15	478.15
A	261+85.50	16.67	478.22	478.27
B	261+95.50	16.67	478.29	478.39
C	262+05.50	16.67	478.36	478.47
D	262+15.50	16.67	478.43	478.53
E	262+25.50	16.67	478.50	478.57
F	262+35.50	16.67	478.57	478.60
C.L. Pier 1	262+46.83	16.67	478.65	478.65
G	262+56.83	16.67	478.72	478.71
H	262+66.83	16.67	478.79	478.79
I	262+76.83	16.67	478.86	478.87
J	262+86.83	16.67	478.93	478.94
K	262+96.83	16.67	479.00	479.00
C.L. North Abut.	263+04.50	16.67	479.05	479.05
Bk. North Abut.	263+05.75	16.67	479.06	479.06

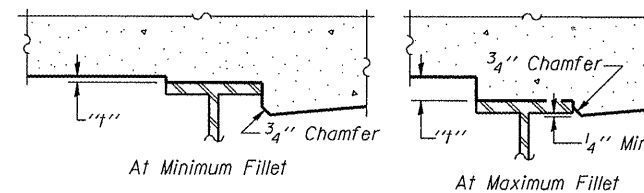


**DEAD LOAD DEFLECTION DIAGRAM**

(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 and on sheet 6 of 25.



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 above, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

DESIGNED CTW
CHECKED CDL
DRAWN DP
CHECKED CTW/CDL

E-S

10-1-08

**TOP OF SLAB ELEVATIONS (2 OF 2)**  
**STRUCTURE NO. 102-0068**

SHEET NO. 7		EFK Moen, LLC Civil Engineering Design		331 Salem Place Suite 225 Fairview Heights, IL 62208		Phone 618-206-4250 Fax 618-206-4253	
		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
26 SHEETS		2370	29BR-1	WOODFORD	76	29	
		CONTRACT NO. 68466					
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			