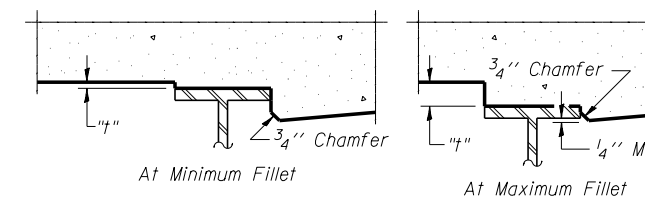


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:

The above deflections are not to be used in the field if the engineer is working from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" as shown on this sheet and Sheets SH8 and SH9.



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 SH6. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on Sheets SH8 and SH9, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM A'

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. S. ABUT.	22+19.57	32.33	626.63	626.63
CL. BRG. S. ABUT.	22+22.03	32.33	626.65	626.65
1A	22+32.03	32.33	626.74	626.76
1B	22+42.03	32.33	626.83	626.85
1C	22+52.03	32.33	626.91	626.93
1D	22+62.03	32.33	626.98	626.99
CL. BRG. PIER 1	22+71.28	32.33	627.05	627.05
2A	22+81.28	32.33	627.11	627.12
2B	22+91.28	32.33	627.18	627.20
2C	23+01.28	32.33	627.23	627.27
2D	23+11.28	32.33	627.29	627.32
2E	23+21.28	32.33	627.34	627.36
CL. BRG. PIER 2	23+34.36	32.33	627.39	627.40
3A	23+44.36	32.33	627.43	627.43
3B	23+54.36	32.33	627.47	627.48
3C	23+64.36	32.33	627.50	627.52
3D	23+74.36	32.33	627.52	627.55
CL. BRG. N. ABUT.	23+83.61	32.33	627.54	627.55
BK. N. ABUT.	23+86.07	32.33	627.55	627.55

BEAM A

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. S. ABUT.	22+18.59	28.00	626.71	626.71
CL. BRG. S. ABUT.	22+21.05	28.00	626.73	626.73
1A	22+31.05	28.00	626.82	626.84
1B	22+41.05	28.00	626.90	626.93
1C	22+51.05	28.00	626.98	627.01
1D	22+61.05	28.00	627.06	627.07
CL. BRG. PIER 1	22+70.30	28.00	627.13	627.13
2A	22+80.30	28.00	627.19	627.20
2B	22+90.30	28.00	627.26	627.27
2C	23+00.30	28.00	627.31	627.35
2D	23+10.30	28.00	627.37	627.40
2E	23+20.30	28.00	627.42	627.44
CL. BRG. PIER 2	23+33.38	28.00	627.48	627.48
3A	23+43.38	28.00	627.52	627.52
3B	23+53.38	28.00	627.55	627.57
3C	23+63.38	28.00	627.58	627.61
3D	23+73.38	28.00	627.61	627.63
CL. BRG. N. ABUT.	23+82.63	28.00	627.63	627.64
BK. N. ABUT.	23+85.09	28.00	627.63	627.63

BEAM B

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. S. ABUT.	22+17.17	21.71	626.82	626.82
CL. BRG. S. ABUT.	22+19.63	21.71	626.84	626.84
1A	22+29.63	21.71	626.93	626.95
1B	22+39.63	21.71	627.02	627.04
1C	22+49.63	21.71	627.10	627.12
1D	22+59.63	21.71	627.18	627.19
CL. BRG. PIER 1	22+68.88	21.71	627.24	627.24
2A	22+78.88	21.71	627.31	627.31
2B	22+88.88	21.71	627.37	627.39
2C	22+98.88	21.71	627.43	627.47
2D	23+08.88	21.71	627.49	627.52
2E	23+18.88	21.71	627.54	627.56
CL. BRG. PIER 2	23+31.96	21.71	627.60	627.60
3A	23+41.96	21.71	627.64	627.64
3B	23+51.96	21.71	627.67	627.69
3C	23+61.96	21.71	627.70	627.73
3D	23+71.96	21.71	627.73	627.75
CL. BRG. N. ABUT.	23+81.21	21.71	627.75	627.76
BK. N. ABUT.	23+83.67	21.71	627.76	627.76

FILE NAME =	USER NAME = tjenicke	DESIGNED - CMK	REVISED -
		CHECKED - JAW	REVISED -
		DRAWN - CMK	REVISED -
		CHECKED - JAW	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	2013-0388-R	COOK	821	745
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J16	