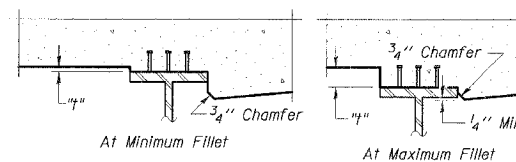


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete deck 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 below and on S-3.



To determine "f": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below and on sheet S-3. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on sheet S-3, minus slab thickness, equals the fillet heights "f" above top flange of beams.

FILLET HEIGHTS

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abutment	102+48.799	-7.75	664.656	664.656
CL Brg W. Abut.	102+50.242	-7.75	664.677	664.677
A	102+60.242	-7.75	664.827	664.834
B	102+70.242	-7.75	664.969	664.974
C	102+80.242	-7.75	665.089	665.086
CL Pier 1	102+92.450	-7.75	665.207	665.207
D	103+02.450	-7.75	665.279	665.316
E	103+12.450	-7.75	665.331	665.409
F	103+22.450	-7.75	665.360	665.465
G	103+32.450	-7.75	665.369	665.471
H	103+42.450	-7.75	665.356	665.430
I	103+52.450	-7.75	665.321	665.352
CL Pier 2	103+61.263	-7.75	665.273	665.273
J	103+71.263	-7.75	665.198	665.193
K	103+81.263	-7.75	665.102	665.105
L	103+91.263	-7.75	664.984	664.991
CL Brg E. Abut.	104+03.471	-7.75	664.812	664.812
Bk. E. Abutment	104+04.914	-7.75	664.790	664.790

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abutment	102+44.324	-15.50	664.455	664.455
CL Brg W. Abut.	102+45.767	-15.50	664.477	664.477
A	102+55.767	-15.50	664.627	664.633
B	102+65.767	-15.50	664.774	664.779
C	102+75.767	-15.50	664.904	664.901
CL Pier 1	102+87.976	-15.50	665.034	665.034
D	102+97.976	-15.50	665.116	665.152
E	103+07.976	-15.50	665.177	665.255
F	103+17.976	-15.50	665.216	665.321
G	103+27.976	-15.50	665.234	665.337
H	103+37.976	-15.50	665.230	665.305
I	103+47.976	-15.50	665.205	665.236
CL Pier 2	103+56.788	-15.50	665.166	665.166
J	103+66.788	-15.50	665.100	665.095
K	103+76.788	-15.50	665.014	665.017
L	103+86.788	-15.50	664.905	664.912
CL Brg E. Abut.	103+98.997	-15.50	664.744	664.744
Bk. E. Abutment	104+00.440	-15.50	664.723	664.723

TOP OF DECK ELEVATIONS II

TIMBER EDGE DRIVE OVER SALT CREEK
 DuPAGE COUNTY
 F.A. ROUTE 7, SEC. 03-0009-00-BR
 STATION 103+31.33
 STRUCTURE NO. 022-6000

CEB CHRISTOPHER B. BURKE
 ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018

REVISIONS		DRAWING NUMBER
NAME	DATE	
		S-4