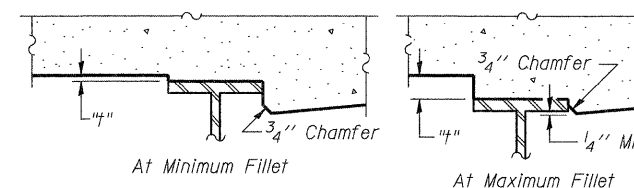


**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete only.)

Note: The above deflections are not for use in the field if the Engineer is working from the "Theoretical Grade Elevations Adjusted For Dead Load Deflection".



To determine "t": 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 S9 of S41. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on sheet S9 of S41, minus 8" slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

**BEAMS 1S & 1N**

Location	Station	Offset Beam 1S	Offset Beam 1N	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	1356+94.00	-16.13	16.13	704.24	704.24
C BRG. N. ABUT.	1356+95.25	-16.13	16.13	704.24	704.24
A	1357+05.25	-16.13	16.13	704.24	704.24
B	1357+15.25	-16.13	16.13	704.24	704.24
C BRG. PIER 1	1357+26.75	-16.13	16.13	704.24	704.24
C	1357+36.75	-16.13	16.13	704.23	704.24
D	1357+46.75	-16.13	16.13	704.22	704.24
E	1357+56.75	-16.13	16.13	704.22	704.23
F	1357+66.75	-16.13	16.13	704.21	704.22
C BRG. PIER 2	1357+77.25	-16.13	16.13	704.19	704.19
G	1357+87.25	-16.13	16.13	704.18	704.18
H	1357+97.25	-16.13	16.13	704.17	704.17
C BRG. S. ABUT.	1358+08.75	-16.13	16.13	704.15	704.15
BK. S. ABUT.	1358+10.00	-16.13	16.13	704.15	704.15

**BEAMS 2S & 2N**

Location	Station	Offset Beam 2S	Offset Beam 2N	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	1356+94.00	-8.88	8.88	704.38	704.38
C BRG. N. ABUT.	1356+95.25	-8.88	8.88	704.38	704.38
A	1357+05.25	-8.88	8.88	704.38	704.38
B	1357+15.25	-8.88	8.88	704.38	704.38
C BRG. PIER 1	1357+26.75	-8.88	8.88	704.37	704.37
C	1357+36.75	-8.88	8.88	704.37	704.37
D	1357+46.75	-8.88	8.88	704.36	704.38
E	1357+56.75	-8.88	8.88	704.35	704.37
F	1357+66.75	-8.88	8.88	704.34	704.35
C BRG. PIER 2	1357+77.25	-8.88	8.88	704.33	704.33
G	1357+87.25	-8.88	8.88	704.32	704.32
H	1357+97.25	-8.88	8.88	704.30	704.30
C BRG. S. ABUT.	1358+08.75	-8.88	8.88	704.29	704.29
BK. S. ABUT.	1358+10.00	-8.88	8.88	704.28	704.28

**BEAMS 3S & 3N**

Location	Station	Offset Beam 3S	Offset Beam 3N	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	1356+94.00	-1.63	1.63	704.49	704.49
C BRG. N. ABUT.	1356+95.25	-1.63	1.63	704.49	704.49
A	1357+05.25	-1.63	1.63	704.49	704.49
B	1357+15.25	-1.63	1.63	704.49	704.49
C BRG. PIER 1	1357+26.75	-1.63	1.63	704.48	704.48
C	1357+36.75	-1.63	1.63	704.48	704.49
D	1357+46.75	-1.63	1.63	704.47	704.49
E	1357+56.75	-1.63	1.63	704.46	704.48
F	1357+66.75	-1.63	1.63	704.45	704.46
C BRG. PIER 2	1357+77.25	-1.63	1.63	704.44	704.44
G	1357+87.25	-1.63	1.63	704.43	704.43
H	1357+97.25	-1.63	1.63	704.42	704.42
C BRG. S. ABUT.	1358+08.75	-1.63	1.63	704.40	704.40
BK. S. ABUT.	1358+10.00	-1.63	1.63	704.40	704.40