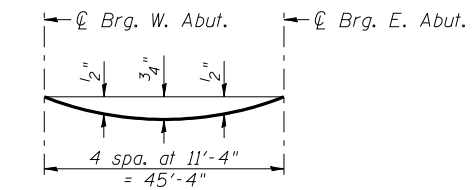


To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on this sheet. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the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

**FILLET HEIGHTS**



**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 below.

**PLAN**

BEAM 1					BEAM 2					BEAM 3					STAGE CONSTRUCTION LINE				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	397+81.22	-14.58	691.29	691.29	Bk. W. Abut.	397+83.35	-8.75	691.38	691.38	Bk. W. Abut.	397+85.47	-2.92	691.46	691.46	Bk. W. Abut.	397+86.01	-1.42	691.48	691.48
∅ Brg. W. Abut.	397+82.55	-14.58	691.28	691.28	∅ Brg. W. Abut.	397+84.68	-8.75	691.38	691.38	∅ Brg. W. Abut.	397+86.80	-2.92	691.46	691.46	∅ Brg. W. Abut.	397+87.34	-1.42	691.48	691.48
C	397+92.55	-14.58	691.22	691.26	C	397+94.68	-8.75	691.32	691.36	C	397+96.80	-2.92	691.40	691.45	C	397+97.34	-1.42	691.43	691.47
D	398+02.55	-14.58	691.18	691.24	D	398+04.68	-8.75	691.28	691.34	D	398+06.80	-2.92	691.37	691.43	D	398+07.34	-1.42	691.39	691.45
E	398+12.55	-14.58	691.15	691.21	E	398+14.68	-8.75	691.25	691.31	E	398+16.80	-2.92	691.34	691.40	E	398+17.34	-1.42	691.36	691.42
F	398+22.55	-14.58	691.13	691.16	F	398+24.68	-8.75	691.24	691.26	F	398+26.80	-2.92	691.33	691.35	F	398+27.34	-1.42	691.35	691.38
∅ Brg. E. Abut.	398+27.89	-14.58	691.13	691.13	∅ Brg. E. Abut.	398+30.02	-8.75	691.24	691.24	∅ Brg. E. Abut.	398+32.14	-2.92	691.33	691.33	∅ Brg. E. Abut.	398+32.68	-1.42	691.35	691.35
Bk. E. Abut.	398+29.22	-14.58	691.13	691.13	Bk. E. Abut.	398+31.35	-8.75	691.24	691.24	Bk. E. Abut.	398+33.47	-2.92	691.33	691.33	Bk. E. Abut.	398+34.01	-1.42	691.35	691.35

∅ IL. RTE. 116 & P.G.					BEAM 4					BEAM 5					BEAM 6				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	397+86.53	0.00	691.50	691.50	Bk. W. Abut.	397+87.59	2.92	691.45	691.45	Bk. W. Abut.	397+89.71	8.75	691.35	691.35	Bk. W. Abut.	397+91.84	14.58	691.23	691.23
∅ Brg. W. Abut.	397+87.86	0.00	691.49	691.49	∅ Brg. W. Abut.	397+88.92	2.92	691.44	691.44	∅ Brg. W. Abut.	397+91.04	8.75	691.34	691.34	∅ Brg. W. Abut.	397+93.17	14.58	691.22	691.22
C	397+97.86	0.00	691.45	691.49	C	397+98.92	2.92	691.40	691.44	C	398+01.04	8.75	691.30	691.34	C	398+03.17	14.58	691.18	691.22
D	398+07.86	0.00	691.41	691.47	D	398+08.92	2.92	691.36	691.42	D	398+11.04	8.75	691.26	691.33	D	398+13.17	14.58	691.15	691.21
E	398+17.86	0.00	691.39	691.44	E	398+18.92	2.92	691.34	691.39	E	398+21.04	8.75	691.24	691.30	E	398+23.17	14.58	691.13	691.19
F	398+27.86	0.00	691.37	691.40	F	398+28.92	2.92	691.33	691.35	F	398+31.04	8.75	691.24	691.26	F	398+33.17	14.58	691.13	691.15
∅ Brg. E. Abut.	398+33.20	0.00	691.37	691.37	∅ Brg. E. Abut.	398+34.26	2.92	691.33	691.33	∅ Brg. E. Abut.	398+36.38	8.75	691.24	691.24	∅ Brg. E. Abut.	398+38.51	14.58	691.13	691.13
Bk. E. Abut.	398+34.53	0.00	691.37	691.37	Bk. E. Abut.	398+35.59	2.92	691.33	691.33	Bk. E. Abut.	398+37.71	8.75	691.24	691.24	Bk. E. Abut.	398+39.84	14.58	691.13	691.13