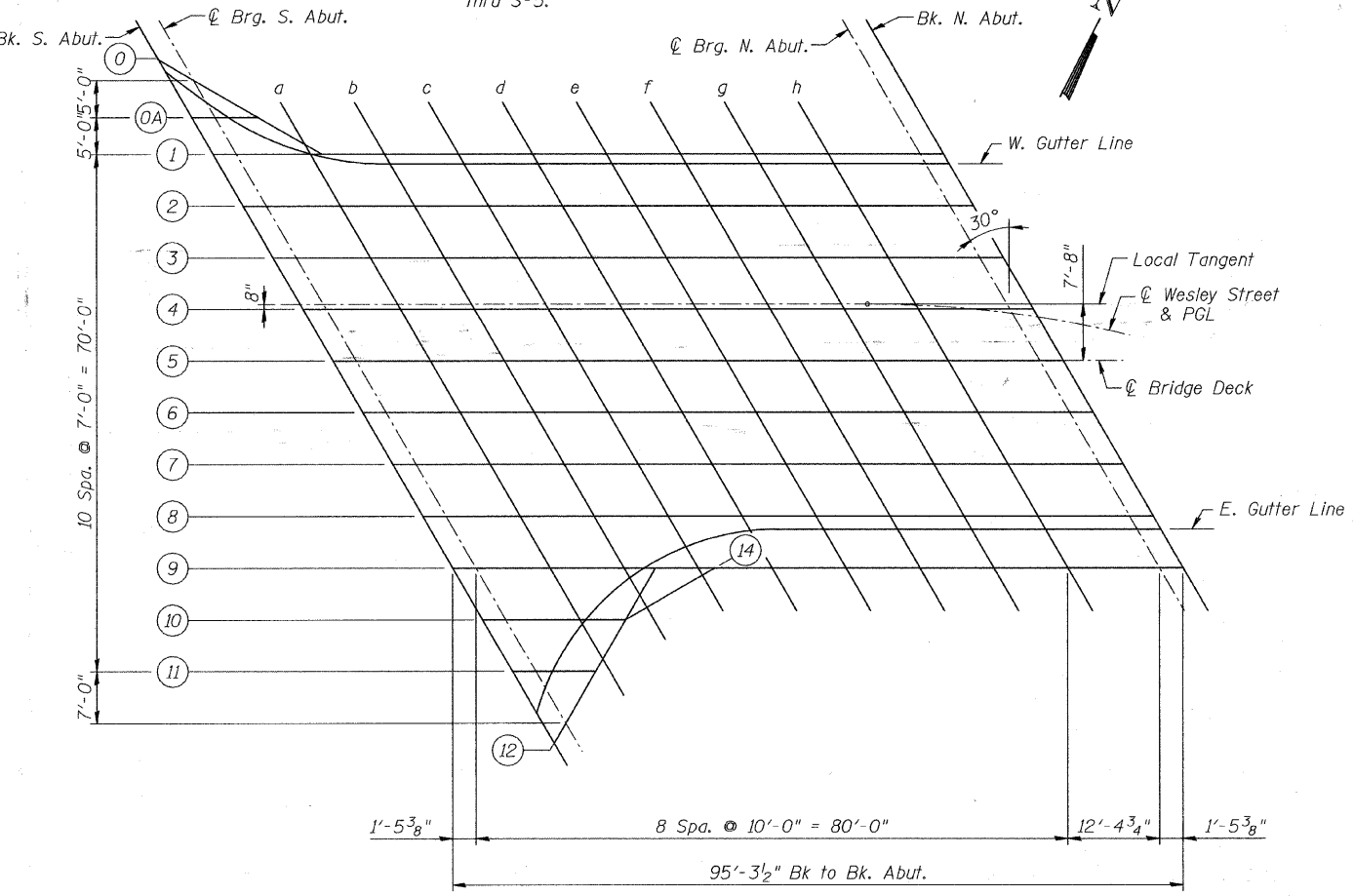


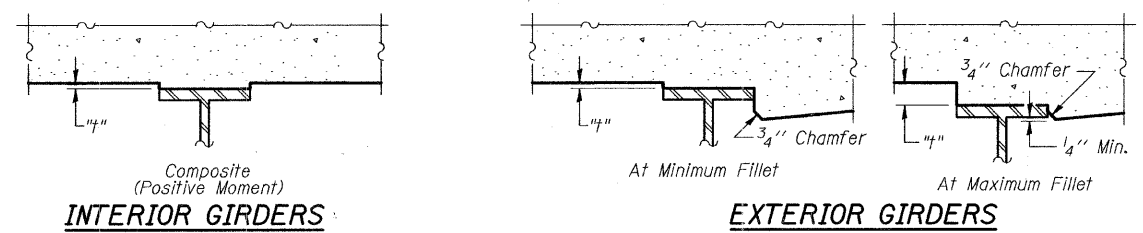
**DEAD LOAD DEFLECTION DIAGRAM**

(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 on sheets S-3 thru S-5.



**PLAN**

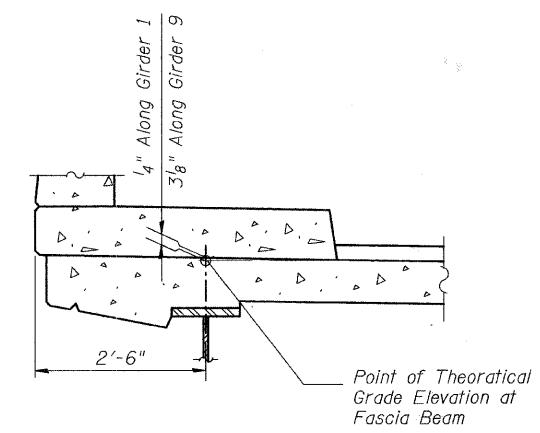


**INTERIOR GIRDERS**

**EXTERIOR GIRDERS**

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams/girders shall be taken at intervals shown below. 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/girders.

**FILLET HEIGHTS**



**SECTION THRU PARAPET**

**BEAM 0**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk./S. Abut.	40+12.35	-31.58	776.374	776.374
☉ Brg. S. Abut.	40+14.51	-30.33	776.378	776.378
Int. w/ Bm. 0a	40+23.17	-25.33	776.488	776.531
End Bm. 0	40+31.83	-20.33	776.590	776.673

**BEAM 0A**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk./S. Abut.	40+15.96	-25.33	776.318	776.318
☉ Brg. S. Abut.	40+17.40	-25.33	776.351	776.351
End Bm. 0a	40+23.17	-25.33	776.488	776.531

**GIRDER 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk./S. Abut.	40+18.84	-20.33	776.312	776.312
☉ Brg. S. Abut.	40+20.29	-20.33	776.347	776.347
a	40+30.29	-20.33	776.561	776.634
b	40+40.29	-20.33	776.729	776.863
c	40+50.29	-20.33	776.851	777.028
d	40+60.29	-20.33	776.927	777.128
e	40+70.29	-20.33	776.956	777.160
f	40+80.29	-20.33	776.940	777.123
g	40+90.29	-20.33	776.878	777.020
h	41+00.29	-20.33	776.769	776.853
☉ Brg. N. Abut.	41+11.84	-20.48	776.589	776.589
Bk./N. Abut.	41+13.11	-20.55	776.566	776.566

**CITY OF WHEATON**

MANCHESTER ROAD/ WESLEY STREET  
OVER UNION PACIFIC RAILROAD

**TOP OF SLAB ELEVATIONS  
LAYOUT**

DRAWN	JM	SHEET NO.
CHECKED	VEVS	<b>S-3</b>
APPROVED	BSK	
DATE	06/04/2008	
SCALE	NONE	

