

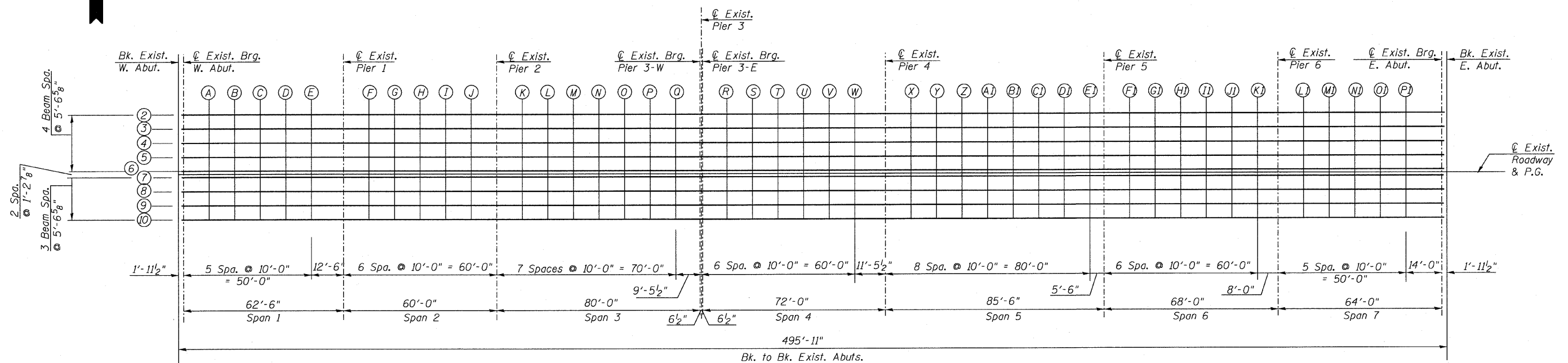
**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete only.)

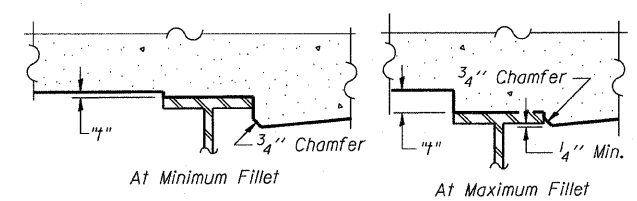
Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown here and on Sheets S6-S8.

**DEAD LOAD DEFLECTION DIAGRAM TABLE**

Beams	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u
2 & 10	0 3/8"	0 1/2"	0 1/4"	0 1/8"	0 1/8"	0 1/8"	0 5/8"	1 1/8"	0 7/8"	0 1/2"	0 5/8"	0 1/4"	0 3/8"	0 3/4"	0 1/2"	0"	0 1/8"	0"	0 1/4"	0 1/2"	0 3/8"
3-5, 8 & 9	0 1/4"	0 1/4"	0 1/4"	0 1/8"	0 1/8"	0 1/8"	0 1/2"	0 3/4"	0 5/8"	0 3/8"	0 3/8"	0 1/8"	0 1/4"	0 1/2"	0 3/8"	0"	0"	0"	0 1/8"	0 3/8"	0 1/4"
6 & 7	0 1/8"	0 1/4"	0 1/8"	0"	0 1/8"	0 1/8"	0 3/8"	0 1/2"	0 3/8"	0 1/4"	0 1/4"	0 1/8"	0 1/4"	0 3/8"	0 1/4"	0"	0"	0"	0 1/8"	0 1/4"	0 1/4"

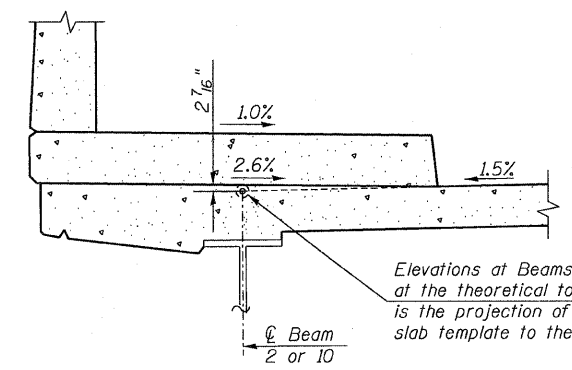


**PLAN**



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown here and on Sheets S6-S8, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**



**PROJECTION UNDER SIDEWALK DETAIL**

Elevations at Beams 2 & 10 are given at the theoretical top of slab which is the projection of the roadway slab template to the centerline of beam.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TOP OF SLAB ELEVATIONS**  
31 ST. STREET OVER M.J. & C.W.I.R.R.  
F.A.U. ROUTE 1463 SECTION 159-1010.1B  
COOK COUNTY  
STATION 217+09.66  
STR. NO. 016-0871

SCALE: VERT. HORIZ. DATE JANUARY 2008  
DRAWN BY JHR  
CHECKED BY CLS