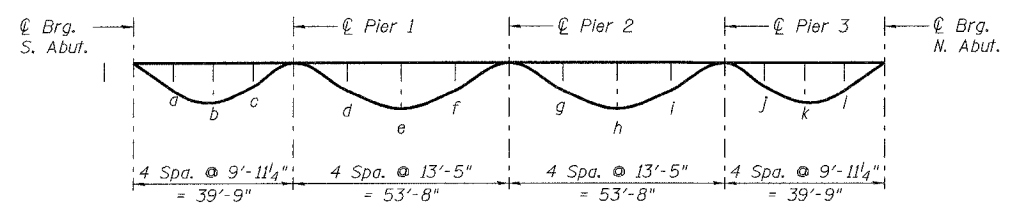


To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown above, minus slab thickness, equals the fillet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

**SCREED PLAN**



**DEAD LOAD DEFLECTION DIAGRAM**  
(Includes weight of deck 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.

**DEAD LOAD DEFLECTION TABLE**  
(Positive deflections are downward)

BEAMS	DEAD LOAD DEFLECTIONS (in)											
	a	b	c	d	e	f	g	h	i	j	k	l
E.1, E.3 thru E.7 & W.1, W.3 thru W.7	1/16	1/8	1/16	1/8	3/16	1/8	1/8	3/16	1/8	1/16	1/8	1/16
E.2, E.8, E.9 & W.2, W.8, W.9	1/16	1/16	1/16	1/8	3/16	1/8	1/8	3/16	1/8	1/16	1/16	1/16

**Notes:**  
1. Work this sheet with Shts. SC-9 thru SC-11.

SHT. SC-8 OF 38

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
SB & NB I-55 OVER US RTE. 30, S.N. 099-0016 & 099-0017  
STA. 587+80.82, SECTION 2006-032 BY  
WILL COUNTY

**SCREED PLAN  
& DEAD LOAD DEFLECTIONS**

SCALE: \_\_\_\_\_ DRAWN BY: PA  
DATE: 07/05/06 CHECKED BY: MJK

**TENG**  
TENGG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

**MORCOM, N.V., INC.**  
CONSULTING ENGINEERS  
CHICAGO, ILLINOIS

PLT DATE = 06/27/06  
FILE NAME = 07/05/06  
PLOT SCALE = 1/8"=1'-0"  
USER NAME = MJK