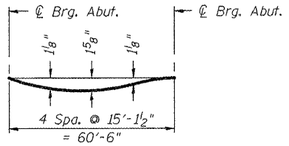
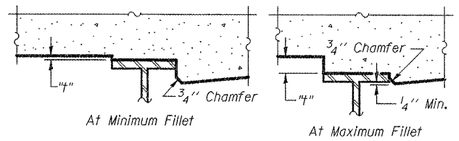


DEAD LOAD DEFLECTION DIAGRAM

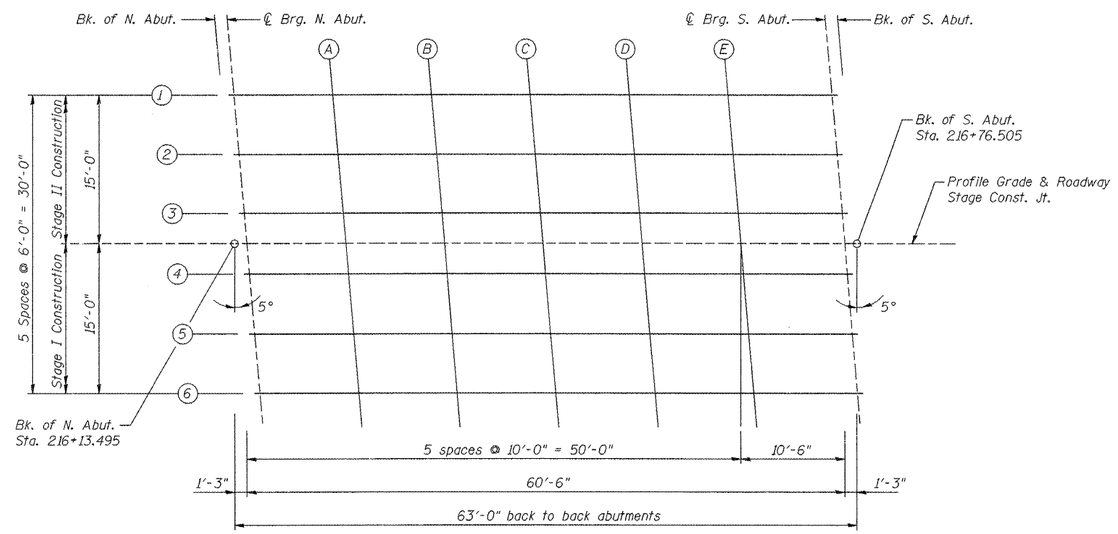
(Includes weight of concrete only.)

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.



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. 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



PLAN

HDR Engineering, Inc.

FILE NAME = D468083-sht-plan.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF SLAB ELEVATIONS IL 94 OVER WOLF CREEK S.N. 036-0055			
		DRAWN -	REVISED -					
	PLOT SCALE = 100.4566 ' / in.	CHECKED -	REVISED -					
	PLOT DATE = 8/26/2011	DATE -	REVISED -		SCALE:	SHEET NO. 4 OF 15 SHEETS	STA. 216+45	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	109B (BR3)	HENDERSON	88	29
		CONTRACT NO. 68083		
		ILLINOIS FED. AID PROJECT		