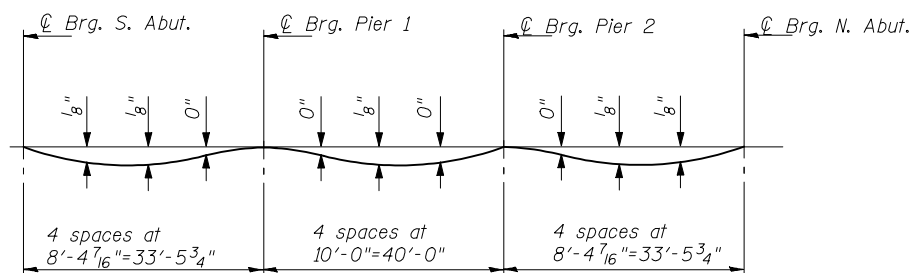


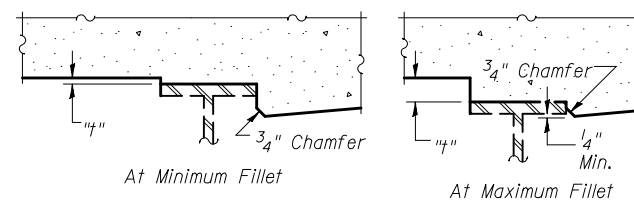
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 836	118 BR-2	Champaign	45	14
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT-		



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only)

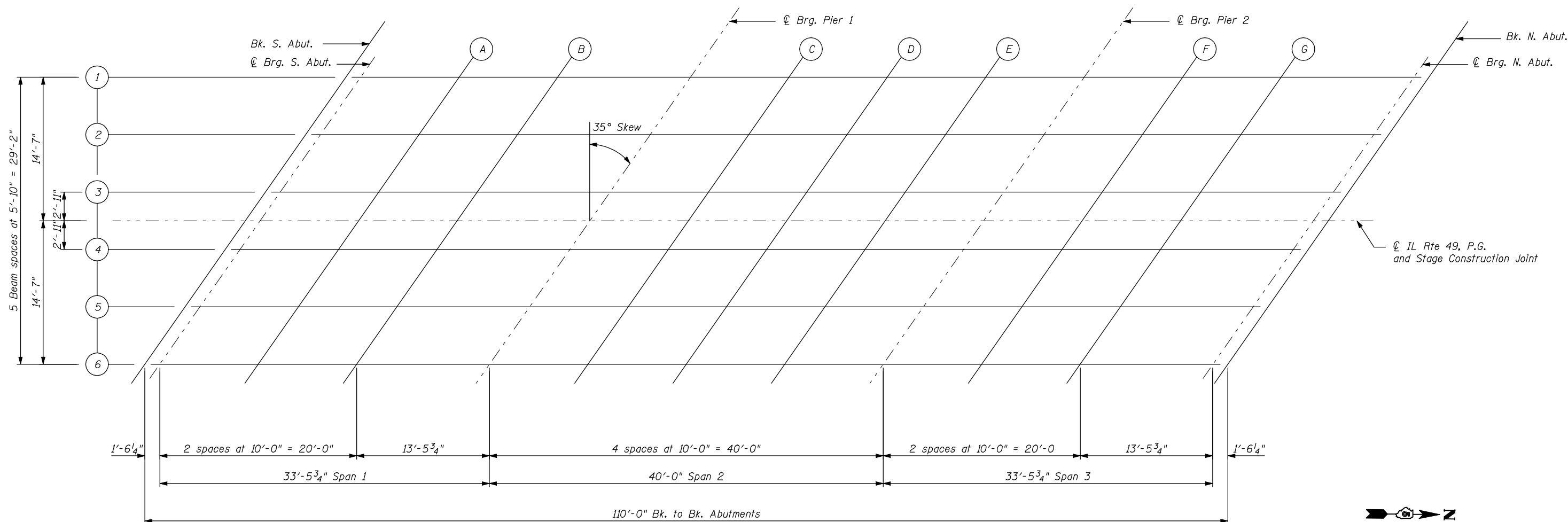
Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections and grinding as shown on sheet 4 of 19.



To determine "t": After the existing Steel Beams have been raised, 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 and Grinding" shown below, minus the 8 1/4" Slab thickness, equals the fillet heights "t" above Top of Flange of Beams. The Slab is to be ground after curing to achieve smoothness, but the Slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown below. For Grinding the Deck, See special provisions.

FILLET HEIGHTS

Note: Expected Fillet Height "t" varies from 1/2" to 1 1/4"



Note: Work this Sheet with Sheet 4 of 21

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TOP OF SLAB ELEVATIONS
IL RTE. 49 OVER LITTLE VERMILION RIVER
FAP 836 SECTION 118BR-2
CHAMPAIGN COUNTY
STA. 688+85 STR. NO. 010-0284
 SCALE: VERT. HORIZ.
 DATE MAY 2008
 DRAWN BY LP
 CHECKED BY MJS

TUG PROJ. # 3107012-01
 PLOT DATE = 8/19/2008 3:19:45 PM
 FILE NAME = ...bridge\1\vr_topslab.txdgn