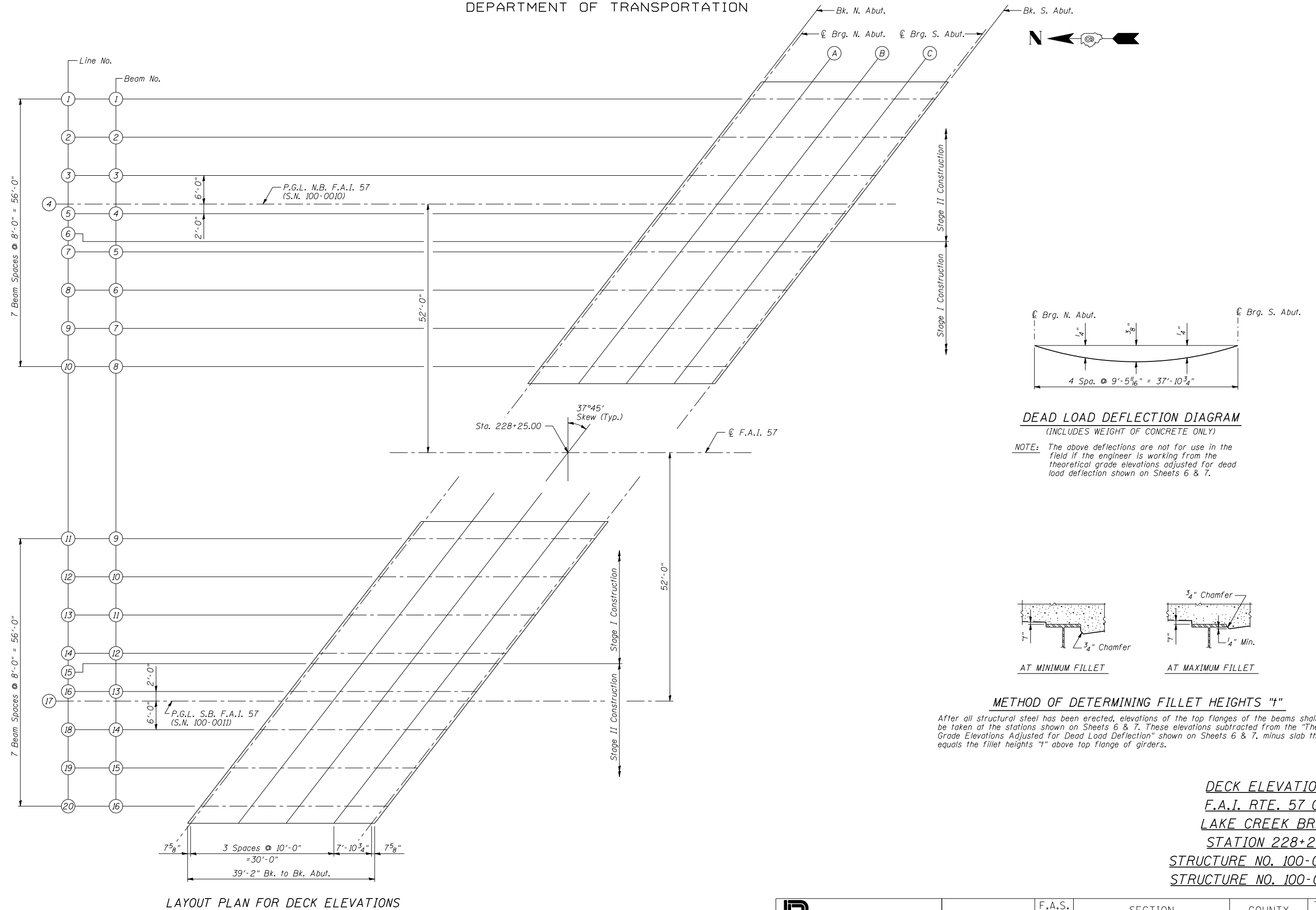
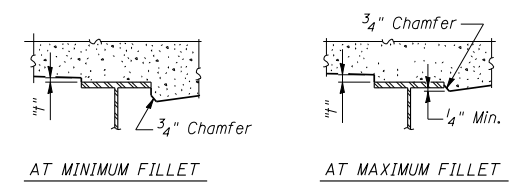


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**DEAD LOAD DEFLECTION DIAGRAM**  
(INCLUDES WEIGHT OF CONCRETE ONLY)

NOTE: The above deflections are not for use in the field if the engineer is working from the theoretical grade elevations adjusted for dead load deflection shown on Sheets 6 & 7.



**METHOD OF DETERMINING FILLET HEIGHTS "t"**

After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at the stations shown on Sheets 6 & 7. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheets 6 & 7, minus slab thickness equals the fillet heights "t" above top flange of girders.

**LAYOUT PLAN FOR DECK ELEVATIONS**

**DECK ELEVATIONS 1**  
**F.A.I. RTE. 57 OVER**  
**LAKE CREEK BRANCH**  
**STATION 228+25.00**  
**STRUCTURE NO. 100-0010 (N.B.)**  
**STRUCTURE NO. 100-0011 (S.B.)**

<p>CRAWFORD MURPHY &amp; TILLY, INC. CONSULTING ENGINEERS SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL</p> <p>DESIGNED BY: KEH CHECKED BY: WLB</p> <p>DRAWN BY: GLD DATE: 4/12/10</p>	SHEET NO. 5  29 SHEETS	F.A.S. RTE. I-57	SECTION (X1-4-1) BR -1	COUNTY WILLIAMSON	TOTAL SHEETS 202	SHEET NO. 88
	CONTRACT NO. 78334				FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT	