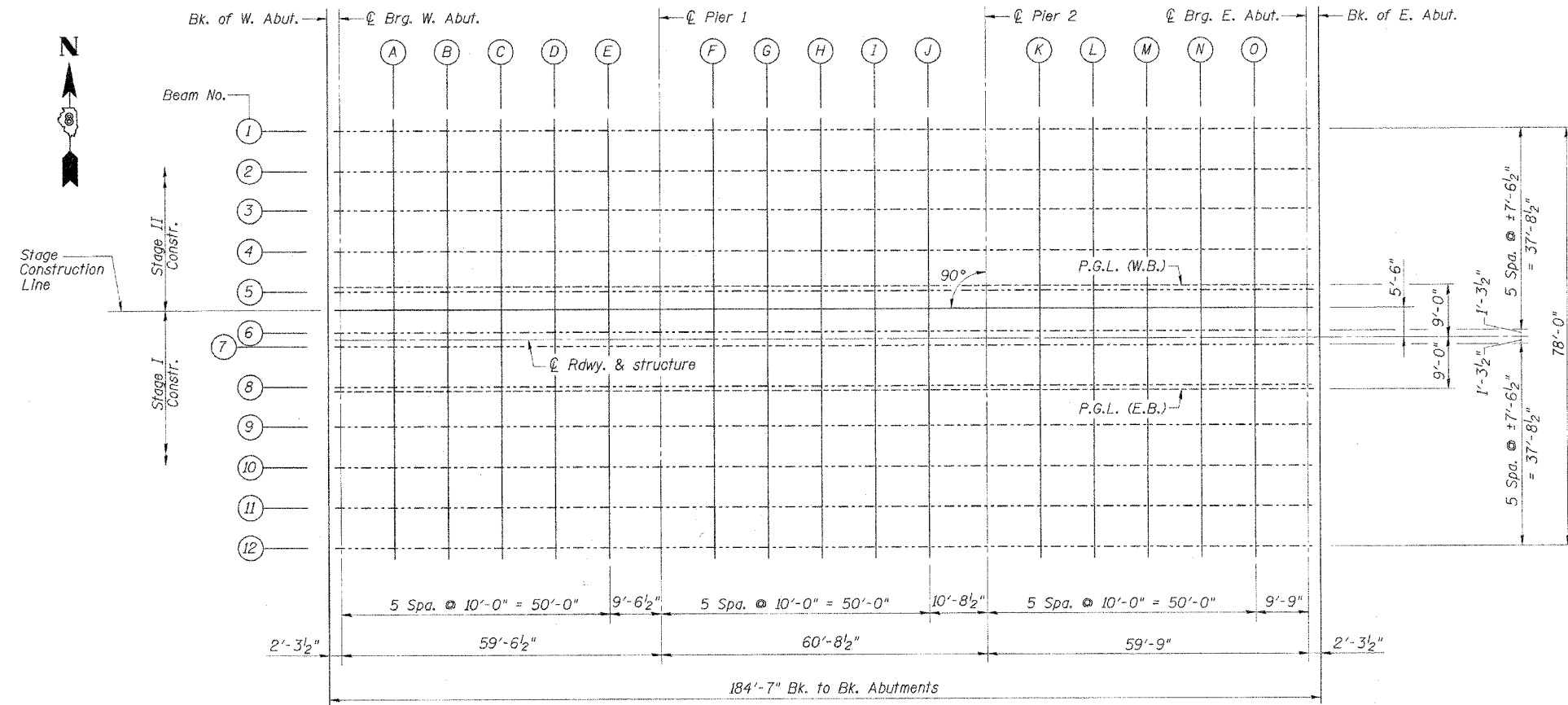
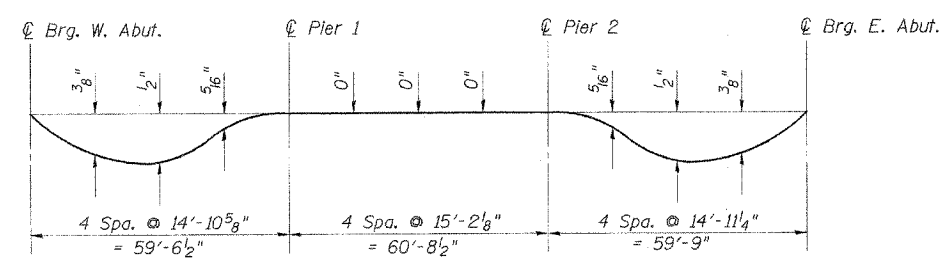


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	122VBR-1	ST. CLAIR	58	30
STA.	N/A	TO STA.	N/A	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
Contract #76558				SHEET 5 OF 26

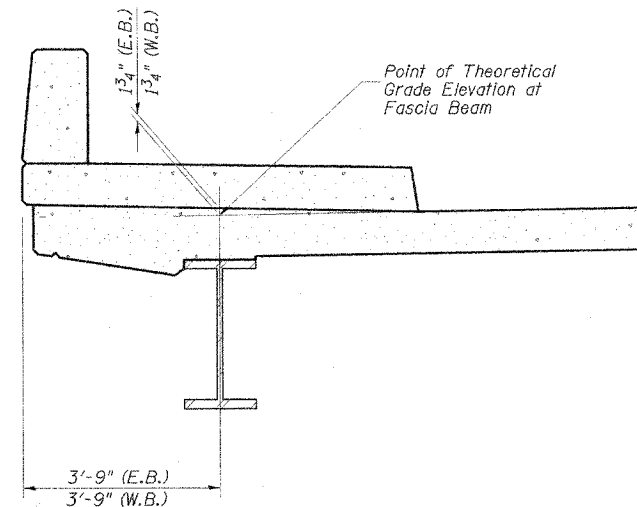


LAYOUT PLAN - DECK ELEVATIONS



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 & 8 of 26.



GRADE ELEVATION DETAIL  
AT FASCIA BEAMS



AT MINIMUM FILLET AT MAXIMUM FILLET

METHOD OF DETERMINING FILLET HEIGHTS "t"

After all exist. beams are supported by new bearings, elevations of the top flanges of the beams shall be taken at the stations shown on Sheets 6, 7 & 8. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheets 6, 7 & 8, minus slab thickness equals the fillet heights "t" above top flange of beams. See Sheet 11 of 26 for determination of fillet height for beam 6.

NOTES

1. Work this Sheet with Sheets 6, 7 & 8 of 26.
2. Elevations for Stage I are to be determined from Stage I cross slope only.
3. Elevations for Stage II are to be determined from Stage II cross slope only.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DECK ELEVATIONS - 1**  
 F.A.P. ROUTE 805  
 SECTION 122VBR-1  
 ST. CLAIR COUNTY  
 ILLINOIS ROUTE 161 OVER METRO-LINK  
 STATION 69+96.56 S.N. 082-0091  
 SCALE: NONE DRAWN BY: GLD  
 DATE: 1/03/06 CHECKED BY: GBR

**CMT**  
 CRAWFORD MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO  
 ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

L:\001\040660\Work\04-jd--5\DRAW\Sheets\REVISED\DGMS STAGING CHANGE\DECK ELEV ELEV.DGN 6/20/2006