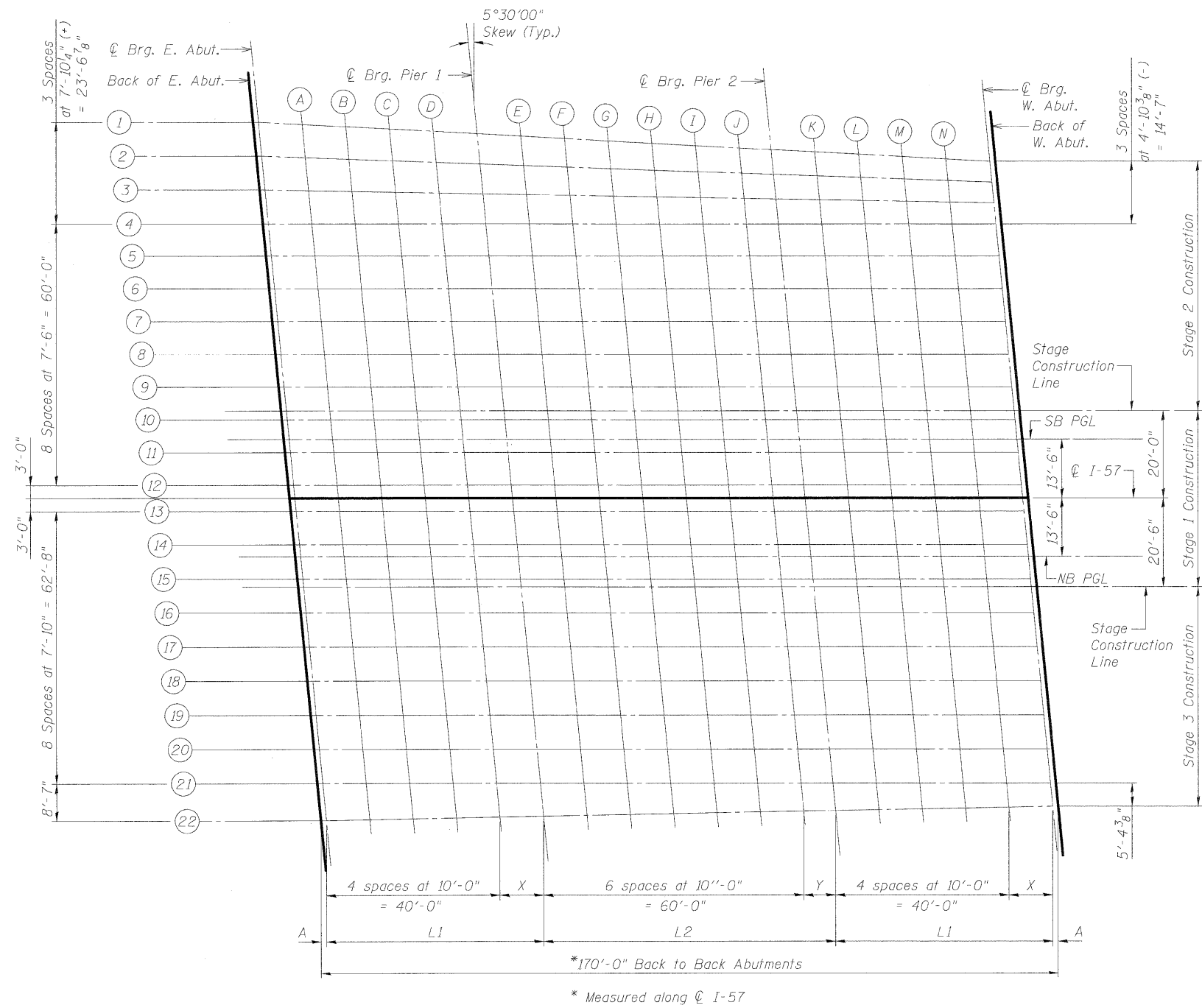
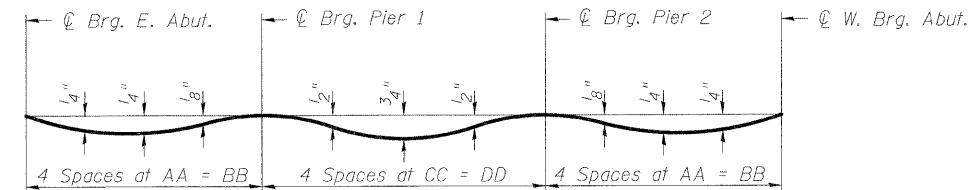


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**PLAN**

DESIGNED	PMH
CHECKED	BB
DRAWN	PMH
CHECKED	BB



**DEAD LOAD DEFLECTION DIAGRAM**

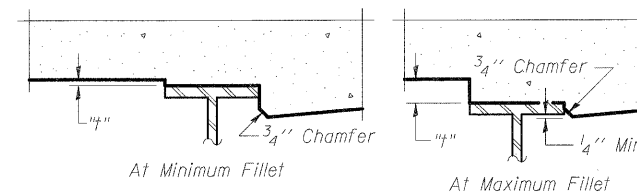
(Includes weight of concrete only.)

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.

**TABLE FOR DEAD LOAD DEFLECTION DIAGRAM**

Beam	AA	BB	CC	DD
1	12'-7 1/4" (-)	50'-4 7/8" (-)	16'-11 3/8" (-)	67'-9 3/8" (-)
2	12'-6 7/8" (-)	50'-3 3/8" (-)	16'-10 7/8" (-)	67'-7 1/4" (-)
3	12'-6 1/2" (-)	50'-2" (-)	16'-10 3/8" (-)	67'-5 1/2" (-)
4-21	12'-6 1/4" (-)	50'-0 7/8" (-)	16'-10" (-)	67'-4" (-)
22	12'-6" (-)	49'-11 7/8" (-)	16'-9 5/8" (+)	67'-2 5/8" (+)



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on plan. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets SR-6 to SR-9, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

**TABLE FOR TEMPLATE LINE**

Beam	X	Y	A	L1	L2
1	10'-4 7/8" (-)	7'-9 3/8" (-)	1'-3 1/8" (-)	50'-4 7/8" (-)	67'-9 3/8" (-)
2	10'-3 3/8" (-)	7'-7 1/4" (-)	1'-3 3/8" (-)	50'-3 3/8" (-)	67'-7 1/4" (-)
3	10'-2" (-)	7'-5 1/2" (-)	1'-3 3/8" (-)	50'-2" (-)	67'-5 1/2" (-)
4-21	10'-0 7/8" (-)	7'-4" (-)	1'-3 1/8" (-)	50'-0 7/8" (-)	67'-4" (-)
22	9'-11 7/8" (-)	7'-2 5/8" (-)	1'-3" (-)	49'-11 7/8" (-)	67'-2 5/8" (-)

**TOP OF SLAB ELEVATIONS 1 OF 5  
STRUCTURE NO. 046-0146 (S.B.)  
& STRUCTURE NO. 046-0147 (N.B.)**

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SHEET NO. SR-5 SHEETS SR-48	F.A.I. RTE. 57	SECTION (46-2) VBR	COUNTY KANKAKEE	TOTAL SHEETS 558	SHEET NO. 332
	CONTRACT NO. 66409				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT					