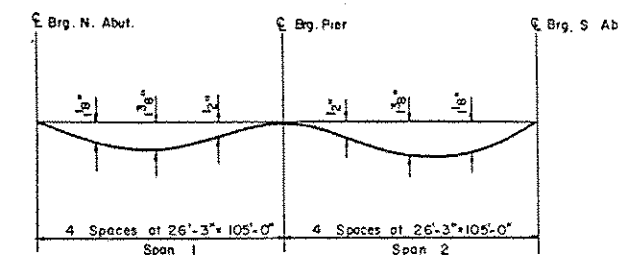
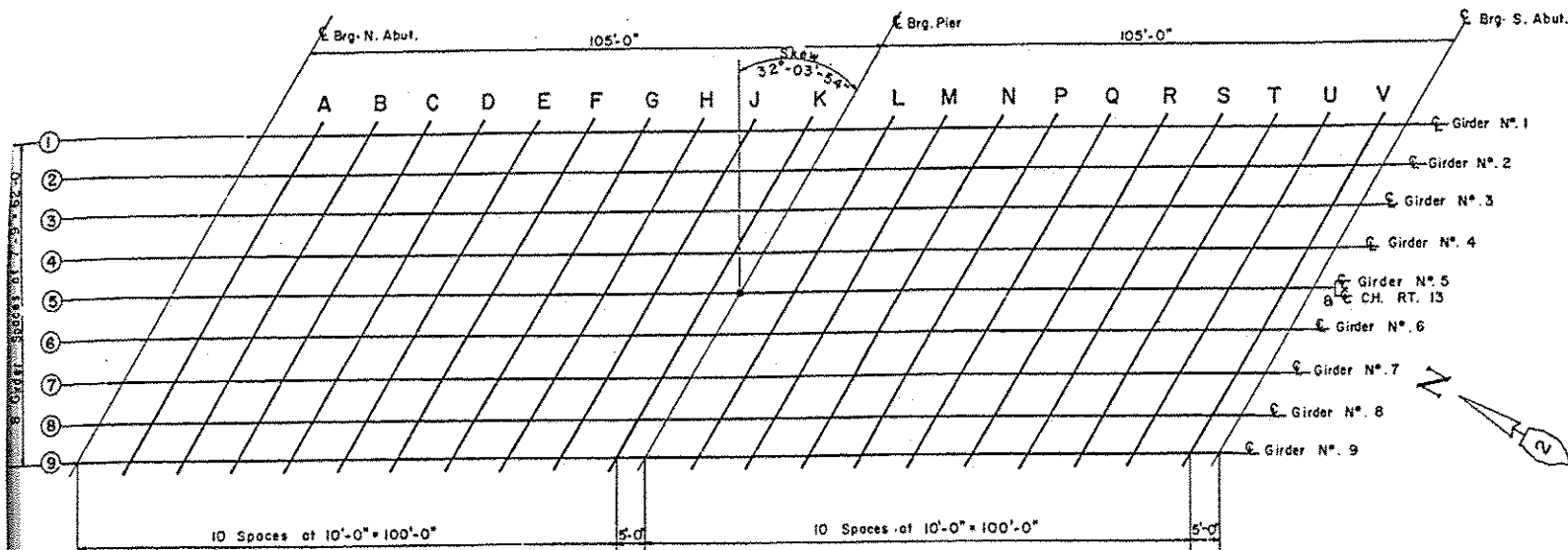


PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA-403	195-1HB-3	WHITESIDE	114	114
SHEET NO. 2				
16 SHEETS				



DEAD LOAD DEFLECTION DIAGRAM
(Includes The Weights of Concrete & Initial Deck Surfacing Only)

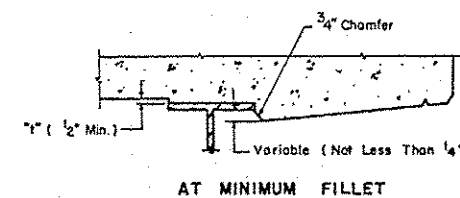
NOTE: The above deflections are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflections as shown below.

NOTES-

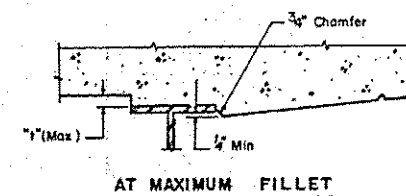
To determine "f" after all structural steel has been erected, elevations of the top flanges of the girders shall be taken at the intervals shown above. These elevations subtracted from the "theoretical grade elevations adjusted for dead load deflection" above, minus eight inches equals the fillet heights "f" above top flange of girder.

Elevations are given at top of concrete slab.

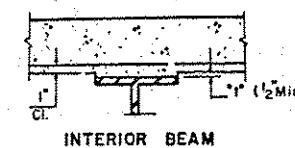
Offsets are from C.H. RT. 13. Negative values to the right and positive values to the left.



AT MINIMUM FILLET



AT MAXIMUM FILLET



INTERIOR BEAM

FILLET HEIGHT

GIRDER	STATION	OFFSET	THEORETICAL GRADE	DEFL CONG	THEORETICAL ELEVATIONS ADJUSTED FOR DEAD LOAD
1	49+14.420	31.000	613.0976		613.098
2	49+ 9.564	23.250	613.1845		613.185
3	49+ 4.709	15.500	613.2696		613.270
4	48+99.854	7.750	613.3527		613.353
5	48+95.000	0.000	613.4340		613.434
6	48+90.145	-7.750	613.2711		613.271
7	48+85.290	-15.500	613.1064		613.107
8	48+80.435	-23.250	612.9398		612.940
9	48+75.580	-31.000	612.7714		612.771
1	49+24.420	31.000	613.1621	0.0490	613.211
2	49+19.564	23.250	613.2529	0.0490	613.302
3	49+14.709	15.500	613.3418	0.0490	613.391
4	49+ 9.854	7.750	613.4288	0.0490	613.478
5	49+ 5.000	0.000	613.5140	0.0490	613.563
6	49+ 0.145	-7.750	613.3550	0.0490	613.404
7	48+95.290	-15.500	613.1942	0.0490	613.243
8	48+90.435	-23.250	613.0315	0.0490	613.081
9	48+85.580	-31.000	612.8669	0.0490	612.916

LOCATION	GIRDER	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	DEFL CONG	THEORETICAL ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
B	1	49+34.420	31.000	613.2185	0.0895	613.308
	2	49+29.564	23.250	613.3132	0.0895	613.403
	3	49+24.709	15.500	613.4060	0.0895	613.496
	4	49+19.854	7.750	613.4969	0.0895	613.587
	5	49+15.000	0.000	613.5860	0.0895	613.676
	6	49+10.145	-7.750	613.4309	0.0895	613.521
	7	49+ 5.290	-15.500	613.2740	0.0895	613.364
	8	49+ 0.435	-23.250	613.1151	0.0895	613.205
	9	48+95.580	-31.000	612.9544	0.0895	613.044
C	1	49+44.420	31.000	613.2670	0.1158	613.383
	2	49+39.564	23.250	613.3656	0.1158	613.482
	3	49+34.709	15.500	613.4623	0.1158	613.578
	4	49+29.854	7.750	613.5570	0.1158	613.673
	5	49+25.000	0.000	613.6500	0.1158	613.766
	6	49+20.145	-7.750	613.4988	0.1158	613.615
	7	49+15.290	-15.500	613.3457	0.1158	613.462
	8	49+10.435	-23.250	613.1908	0.1158	613.307
	9	49+ 5.580	-31.000	613.0340	0.1158	613.150

DESIGNED	R.A.R.
CHECKED	K.N.C.
IN CHARGE	J.B.J.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ELEVATIONS--TOP OF SLAB
FA 403 SECTION 195-1HB-3
CH ROUTE 13 OVER FA 403
WHITESIDE COUNTY
STATION 1198+69.26

Work This Sheet With Sheets 3 & 4

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLANS	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\BR\Goss\Whiteside\64JB9 Cleaning & P	jdassid	BRANN	REVISED	DEPARTMENT OF TRANSPORTATION	EXISTING PLANS	88	D2 BRIDGE PAINTING 2014-2	WHITESIDE	9	98
Default	PLOT SCALE = 1/8"=1'-0"	CHECKED	REVISED	SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	64JB9