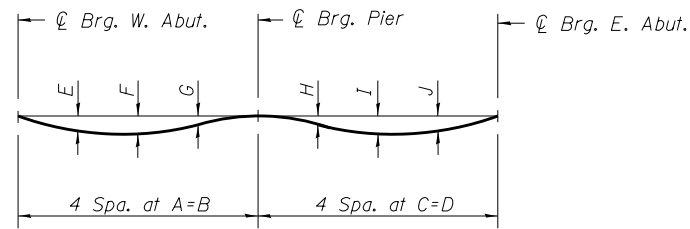


GENERAL NOTES

The calculated deflections of the primary girders under steel self-weight shall be used to detail the cross frame connections, and to erect the structural steel such that the girders will be plumb with in a tolerance of $\pm \frac{1}{8}$ in. per vertical ft. throughout when supporting their weight.



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of steel only)

Note:

The calculated deflections assume a 10% increase in girder weight due to the additional weight of the cross frames, bearing stiffeners, shear studs, transverse stiffeners, splice plates and variances in the weight of steel.

STEEL DEAD LOAD DEFLECTION TABLE (WB)

	A	B	C	D	E	F	G	H	I	J
Girder 1	45'-3 $\frac{7}{16}$ "	181'-1 $\frac{7}{8}$ "	49'-5 $\frac{1}{16}$ "	197'-8 $\frac{1}{4}$ "	0 $\frac{7}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{1}{4}$ "	1"	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ "
Girder 2	45'-1 $\frac{5}{8}$ "	180'-6 $\frac{1}{2}$ "	49'-3"	197'-0"	0 $\frac{7}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{1}{4}$ "	1"	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ "
Girder 3-9	44'-11 $\frac{3}{4}$ "	179'-11"	49'-1"	196'-4"	0 $\frac{7}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{1}{4}$ "	1"	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ "

STEEL DEAD LOAD DEFLECTION TABLE (EB)

	A	B	C	D	E	F	G	H	I	J
Girder 10-15	44'-11 $\frac{3}{4}$ "	179'-11"	49'-1"	196'-4"	0 $\frac{7}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{1}{4}$ "	1"	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ "
Girder 16	44'-8 $\frac{11}{16}$ "	178'-10 $\frac{3}{4}$ "	48'-9 $\frac{5}{8}$ "	195'-2 $\frac{1}{2}$ "	0 $\frac{7}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{1}{4}$ "	1"	2"	1 $\frac{5}{8}$ "
Girder 17	44'-5 $\frac{5}{8}$ "	177'-10 $\frac{1}{2}$ "	48'-6 $\frac{5}{16}$ "	194'-1 $\frac{1}{4}$ "	0 $\frac{7}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{1}{4}$ "	0 $\frac{7}{8}$ "	2"	1 $\frac{5}{8}$ "
Girder 18	44'-2 $\frac{11}{16}$ "	176'-10 $\frac{5}{8}$ "	48'-3 $\frac{3}{8}$ "	193'-0 $\frac{1}{4}$ "	0 $\frac{7}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{1}{4}$ "	0 $\frac{7}{8}$ "	2"	1 $\frac{5}{8}$ "
Girder 19	43'-11 $\frac{3}{4}$ "	175'-10 $\frac{7}{8}$ "	47'-11 $\frac{7}{8}$ "	191'-11 $\frac{3}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{7}{8}$ "	0 $\frac{1}{4}$ "	0 $\frac{7}{8}$ "	2"	1 $\frac{5}{8}$ "