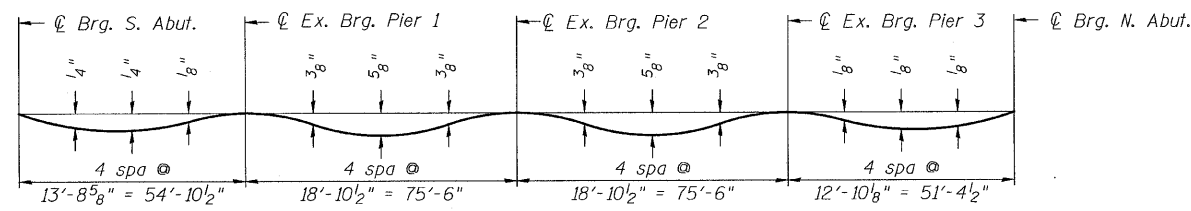
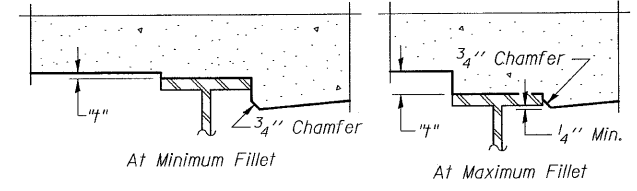


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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.



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

FILLET HEIGHTS

EAST GUTTER LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK EX S ABUT	398+51.72	16.00	832.34	832.34
CL BRG S ABUT	398+54.60	16.00	832.37	832.37
A	398+64.60	16.00	832.49	832.50
B	398+74.60	16.00	832.59	832.62
C	398+84.60	16.00	832.68	832.70
D	398+94.60	16.00	832.76	832.77
CL EX BRG PIER 1	399+09.47	16.00	832.86	832.86
E	399+19.47	16.00	832.91	832.92
F	399+29.47	16.00	832.94	832.98
G	399+39.47	16.00	832.97	833.03
H	399+49.47	16.00	832.98	833.04
I	399+59.47	16.00	832.98	833.03
J	399+69.47	16.00	832.97	833.00
K	399+79.47	16.00	832.95	832.96
CL EX BRG PIER 2	399+84.97	16.00	832.94	832.94
L	399+94.97	16.00	832.89	832.91
M	400+04.97	16.00	832.84	832.88
N	400+14.97	16.00	832.78	832.84
O	400+24.97	16.00	832.70	832.76
P	400+34.97	16.00	832.61	832.67
Q	400+44.97	16.00	832.51	832.54
R	400+54.97	16.00	832.40	832.41
CL EX BRG PIER 3	400+60.47	16.00	832.33	832.33
S	400+70.47	16.00	832.20	832.21
T	400+80.47	16.00	832.06	832.07
U	400+90.47	16.00	831.91	831.92
V	401+00.47	16.00	831.74	831.75
CL BRG N ABUT	401+11.85	16.00	831.54	831.54
BK EX N ABUT	401+14.72	16.00	831.48	831.48

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK EX S ABUT	398+80.30	-14.69	832.67	832.67
CL BRG S ABUT	398+83.18	-14.69	832.70	832.70
A	398+93.18	-14.69	832.78	832.79
B	399+03.18	-14.69	832.85	832.87
C	399+13.18	-14.69	832.90	832.93
D	399+23.18	-14.69	832.95	832.96
CL EX BRG PIER 1	399+38.05	-14.69	832.99	832.99
E	399+48.05	-14.69	833.01	833.02
F	399+58.05	-14.69	833.01	833.05
G	399+68.05	-14.69	833.00	833.06
H	399+78.05	-14.69	832.98	833.04
I	399+88.05	-14.69	832.95	833.00
J	399+98.05	-14.69	832.91	832.93
K	400+08.05	-14.69	832.85	832.86
CL EX BRG PIER 2	400+13.55	-14.69	832.81	832.81
L	400+23.55	-14.69	832.74	832.75
M	400+33.55	-14.69	832.65	832.69
N	400+43.55	-14.69	832.56	832.61
O	400+53.55	-14.69	832.44	832.51
P	400+63.55	-14.69	832.32	832.38
Q	400+73.55	-14.69	832.19	832.22
R	400+83.55	-14.69	832.04	832.05
CL EX BRG PIER 3	400+89.05	-14.69	831.96	831.96
S	400+99.05	-14.69	831.79	831.79
T	401+09.05	-14.69	831.62	831.63
U	401+19.05	-14.69	831.43	831.44
V	401+29.05	-14.69	831.23	831.24
CL BRG N ABUT	401+40.43	-14.69	830.98	830.98
BK EX N ABUT	401+43.30	-14.69	830.92	830.92

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK EX S ABUT	398+55.44	12.00	832.47	832.47
CL BRG S ABUT	398+58.32	12.00	832.50	832.50
A	398+68.32	12.00	832.61	832.63
B	398+78.32	12.00	832.71	832.73
C	398+88.32	12.00	832.80	832.82
D	398+98.32	12.00	832.87	832.88
CL EX BRG PIER 1	399+13.19	12.00	832.96	832.96
E	399+23.19	12.00	833.00	833.02
F	399+33.19	12.00	833.04	833.08
G	399+43.19	12.00	833.06	833.11
H	399+53.19	12.00	833.07	833.13
I	399+63.19	12.00	833.07	833.11
J	399+73.19	12.00	833.05	833.07
K	399+83.19	12.00	833.02	833.03
CL EX BRG PIER 2	399+88.69	12.00	833.00	833.00
L	399+98.69	12.00	832.96	832.97
M	400+08.69	12.00	832.90	832.94
N	400+18.69	12.00	832.83	832.89
O	400+28.69	12.00	832.75	832.82
P	400+38.69	12.00	832.66	832.71
Q	400+48.69	12.00	832.56	832.59
R	400+58.69	12.00	832.44	832.45
CL EX BRG PIER 3	400+64.19	12.00	832.37	832.37
S	400+74.19	12.00	832.23	832.24
T	400+84.19	12.00	832.09	832.10
U	400+94.19	12.00	831.93	831.95
V	401+04.19	12.00	831.76	831.77
CL BRG N ABUT	401+15.57	12.00	831.55	831.55
BK EX N ABUT	401+18.44	12.00	831.49	831.49

DESIGNED	SCD
CHECKED	DRB
DRAWN	THW
CHECKED	SCD

ie
consultants
IE CONSULTANTS, INC
6420 SOUTH SIXTH STREET
SPRINGFIELD, ILLINOIS 62712
TEL. (217) 529-8027
FAX (217) 529-4543
WWW.IE-CONSULTANTS.COM

DECK ELEVATIONS
S.N. 101-0120

SHEET NO.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4 OF 34 SHEETS	301	(1-1HB-1)D	WINNEBAGO	55	20
CONTRACT NO. 64E11					
ILLINOIS FED. AID PROJECT					