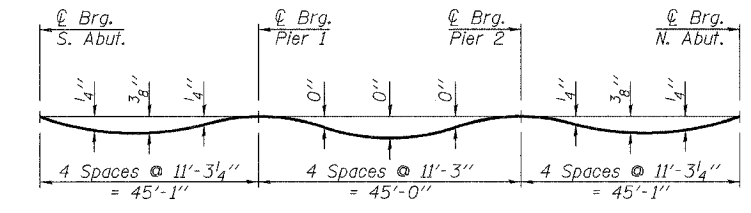


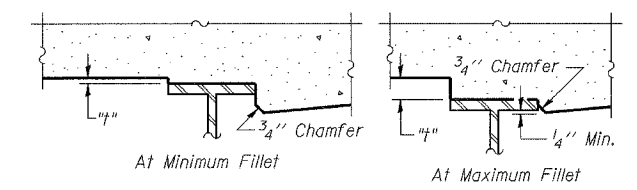
PLAN



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 to the left and on Sheet 5 of 20. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown to the left and on Sheet 5 of 20, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. South Abutment	283+98.02	-15.00	669.08	669.08
☉ Brg. South Abutment	283+99.44	-15.00	669.08	669.08
A	284+09.44	-15.00	669.10	669.12
B	284+19.44	-15.00	669.10	669.14
C	284+29.44	-15.00	669.10	669.12
D	284+39.44	-15.00	669.08	669.09
☉ Pier 1	284+44.52	-15.00	669.06	669.06
E	284+54.52	-15.00	669.03	669.03
F	284+64.52	-15.00	668.98	668.98
G	284+74.52	-15.00	668.92	668.92
H	284+84.52	-15.00	668.85	668.85
☉ Pier 2	284+89.52	-15.00	668.81	668.81
I	284+99.52	-15.00	668.72	668.74
J	285+09.52	-15.00	668.62	668.65
K	285+19.52	-15.00	668.51	668.54
L	285+29.52	-15.00	668.39	668.40
☉ Brg. North Abutment	285+34.60	-15.00	668.32	668.32
Bk. North Abutment	285+36.02	-15.00	668.30	668.30

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. South Abutment	284+01.21	-9.00	669.20	669.20
☉ Brg. South Abutment	284+02.63	-9.00	669.20	669.20
A	284+12.63	-9.00	669.21	669.23
B	284+22.63	-9.00	669.21	669.24
C	284+32.63	-9.00	669.20	669.23
D	284+42.63	-9.00	669.18	669.19
☉ Pier 1	284+47.71	-9.00	669.16	669.16
E	284+57.71	-9.00	669.12	669.12
F	284+67.71	-9.00	669.07	669.08
G	284+77.71	-9.00	669.01	669.01
H	284+87.71	-9.00	668.93	668.93
☉ Pier 2	284+92.71	-9.00	668.89	668.89
I	285+02.71	-9.00	668.80	668.82
J	285+12.71	-9.00	668.70	668.73
K	285+22.71	-9.00	668.58	668.61
L	285+32.71	-9.00	668.45	668.47
☉ Brg. North Abutment	285+37.79	-9.00	668.38	668.38
Bk. North Abutment	285+39.21	-9.00	668.36	668.36

<p>Excellence through Ownership</p> <p>200 West Front Street Wheaton, IL 60187</p>	<p>ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p>TOP OF SLAB ELEVATIONS - I IL RT. 49 OVER PIGEON CREEK FAP RTE 840 - SECTION 123 BR-2 IROQUOIS COUNTY STATION 284+75.00 STRUCTURE NO. 038-0217</p>
	<p>DATE: 8/7/2007</p> <p>DRAWN BY LCM CHECKED BY WJV</p>