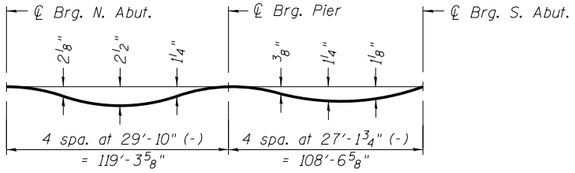
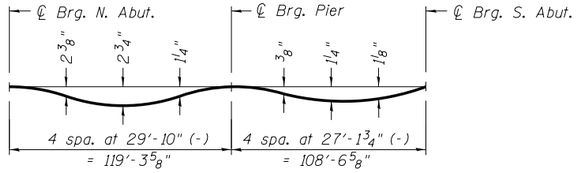


DEAD LOAD DEFLECTION DIAGRAM (EXTERIOR GIRDERS)

(Includes weight of concrete only)

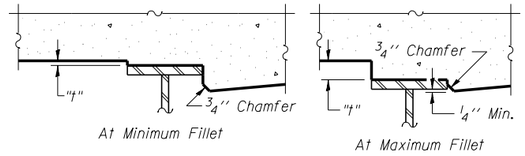
Note: The above deflections are not for use in the field if the Engineer is working from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" as shown below and on sheets SA7 thru SA9.



DEAD LOAD DEFLECTION DIAGRAM (INTERIOR GIRDERS)

(Includes weight of concrete only)

Note: The above deflections are not for use in the field if the Engineer is working from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" as shown below and on sheets SA7 thru SA9.



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

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	2+78.11	-42.70	752.85	752.85
℄ Brg. N. Abut.	2+79.94	-42.75	752.88	752.88
A	2+89.99	-43.01	753.05	753.12
B	3+00.04	-43.25	753.21	753.34
C	3+10.10	-43.49	753.35	753.53
D	3+20.15	-43.71	753.48	753.69
E	3+30.20	-43.92	753.60	753.82
F	3+40.26	-44.12	753.71	753.92
G	3+50.31	-44.30	753.81	753.99
H	3+60.36	-44.48	753.89	754.04
I	3+70.42	-44.63	753.97	754.06
J	3+80.47	-44.78	754.03	754.08
K	3+90.53	-44.92	754.08	754.10
℄ Brg. Pier	3+99.88	-45.03	754.12	754.12
L	4+09.93	-45.14	754.14	754.14
M	4+19.99	-45.24	754.16	754.17
N	4+30.05	-45.32	754.17	754.20
O	4+40.10	-45.40	754.16	754.22
P	4+50.16	-45.46	754.14	754.23
Q	4+60.22	-45.50	754.11	754.22
R	4+70.27	-45.54	754.07	754.18
S	4+80.33	-45.56	754.02	754.11
T	4+90.39	-45.57	753.95	754.02
U	5+00.45	-45.57	753.87	753.91
℄ Brg. S. Abut.	5+09.04	-45.56	753.80	753.80
Bk. S. Abut.	5+10.88	-45.55	753.78	753.78

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	2+74.98	-35.19	752.95	752.95
℄ Brg. N. Abut.	2+76.81	-35.24	752.98	752.98
A	2+86.85	-35.51	753.16	753.23
B	2+96.89	-35.76	753.31	753.46
C	3+06.93	-36.00	753.46	753.65
D	3+16.98	-36.22	753.60	753.82
E	3+27.02	-36.44	753.72	753.96
F	3+37.06	-36.64	753.83	754.06
G	3+47.11	-36.83	753.93	754.13
H	3+57.15	-37.00	754.02	754.18
I	3+67.20	-37.17	754.10	754.20
J	3+77.24	-37.32	754.17	754.22
K	3+87.29	-37.46	754.22	754.24
℄ Brg. Pier	3+96.63	-37.57	754.26	754.26
L	4+06.68	-37.69	754.29	754.29
M	4+16.72	-37.79	754.31	754.33
N	4+26.77	-37.88	754.32	754.36
O	4+36.82	-37.96	754.32	754.39
P	4+46.87	-38.02	754.30	754.40
Q	4+56.91	-38.07	754.28	754.39
R	4+66.96	-38.11	754.24	754.35
S	4+77.01	-38.14	754.19	754.29
T	4+87.06	-38.15	754.13	754.20
U	4+97.10	-38.15	754.06	754.09
℄ Brg. S. Abut.	5+05.69	-38.14	753.98	753.98
Bk. S. Abut.	5+07.53	-38.14	753.97	753.97

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	2+71.85	-27.69	753.01	753.01
℄ Brg. N. Abut.	2+73.68	-27.74	753.05	753.05
A	2+83.71	-28.01	753.22	753.30
B	2+93.74	-28.26	753.38	753.53
C	3+03.78	-28.50	753.53	753.73
D	3+13.81	-28.73	753.67	753.90
E	3+23.84	-28.95	753.80	754.04
F	3+33.88	-29.16	753.92	754.15
G	3+43.91	-29.35	754.02	754.22
H	3+53.95	-29.53	754.11	754.27
I	3+63.98	-29.70	754.20	754.30
J	3+74.02	-29.85	754.27	754.32
K	3+84.06	-30.00	754.32	754.34
℄ Brg. Pier	3+93.39	-30.12	754.37	754.37
L	4+03.43	-30.24	754.40	754.40
M	4+13.46	-30.34	754.43	754.44
N	4+23.50	-30.44	754.44	754.48
O	4+33.54	-30.52	754.44	754.51
P	4+43.58	-30.58	754.43	754.53
Q	4+53.61	-30.64	754.41	754.52
R	4+63.65	-30.68	754.37	754.49
S	4+73.69	-30.71	754.32	754.43
T	4+83.73	-30.73	754.27	754.34
U	4+93.77	-30.74	754.20	754.24
℄ Brg. S. Abut.	5+02.35	-30.73	754.13	754.13
Bk. S. Abut.	5+04.18	-30.73	754.11	754.11

NOTE:
All stations and offsets are measured from ℄ I-155.

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FILE NAME = 0900165_68620_06_scrd1.dgn	USER NAME = mbecker	DESIGNED - MFB	REVISED -
		CHECKED - AAY	REVISED -
	PLOT SCALE =	DRAWN - PRT	REVISED -
	PLOT DATE = 7/16/2012	CHECKED - MRB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF DECK ELEVATIONS 1 OF 4
STRUCTURE NO. 090-0165 / 0166
SHEET NO. SA6 OF SA47 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	1870
		CONTRACT NO. 68620		
	ILLINOIS FED. AID PROJECT			