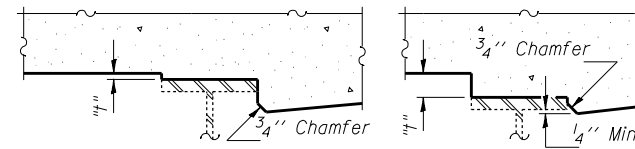


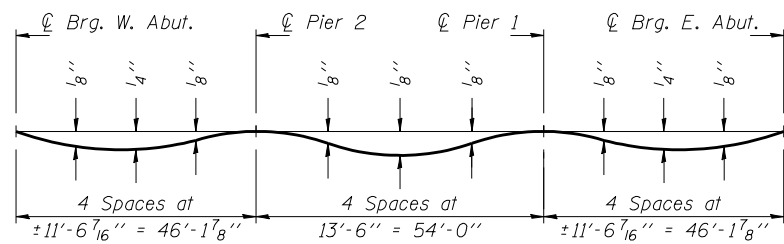
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 55	(84-2B-1)I-1	SANGAMON	31	12
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 3
14 SHEETS

Contract #72349



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)
Notes:
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 and on sheet 4 of 14.

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 and on sheet 4 of 14. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on sheet 4 of 14, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 1

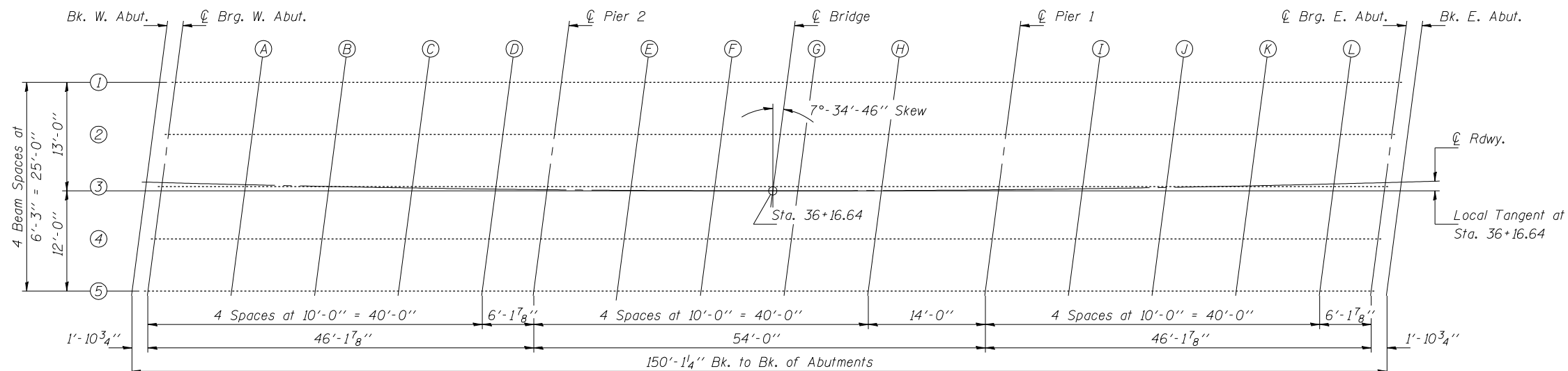
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	35+42.98	-12.00	550.91	550.91
CL Brg West Abut.	35+44.89	-12.05	550.91	550.91
A	35+54.93	-12.30	550.92	550.93
B	35+64.97	-12.51	550.92	550.94
C	35+75.02	-12.68	550.93	550.94
D	35+85.06	-12.82	550.93	550.94
CL Existing Pier 2	35+91.25	-12.88	550.94	550.94
E	36+01.30	-12.96	550.95	550.95
F	36+11.34	-13.00	550.95	550.97
G	36+21.39	-13.00	550.96	550.98
H	36+31.44	-12.96	550.99	550.99
CL Existing Pier 1	36+45.51	-12.85	551.02	551.02
I	36+55.55	-12.72	551.04	551.05
J	36+65.60	-12.56	551.07	551.09
K	36+75.64	-12.36	551.10	551.12
L	36+85.69	-12.12	551.13	551.14
CL Brg East Abut.	36+91.87	-11.96	551.14	551.14
Back of East Abut.	36+93.77	-11.91	551.15	551.15

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	35+42.32	-5.73	551.02	551.02
CL Brg West Abut.	35+44.22	-5.78	551.02	551.02
A	35+54.24	-6.03	551.03	551.04
B	35+64.26	-6.24	551.04	551.06
C	35+74.28	-6.42	551.05	551.07
D	35+84.30	-6.56	551.07	551.07
CL Existing Pier 2	35+90.47	-6.62	551.07	551.07
E	36+00.50	-6.70	551.09	551.09
F	36+10.52	-6.74	551.10	551.11
G	36+20.55	-6.75	551.12	551.13
H	36+30.57	-6.71	551.14	551.15
CL Existing Pier 1	36+44.61	-6.61	551.17	551.17
I	36+54.63	-6.48	551.20	551.21
J	36+64.65	-6.33	551.22	551.24
K	36+74.67	-6.13	551.25	551.27
L	36+84.69	-5.90	551.28	551.29
CL Brg East Abut.	36+90.86	-5.73	551.30	551.30
Back of East Abut.	36+92.76	-5.68	551.30	551.30

ROADWAY & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	35+41.72	0.00	551.11	551.11
CL Brg West Abut.	35+43.61	0.00	551.12	551.12
A	35+53.61	0.00	551.14	551.15
B	35+63.61	0.00	551.16	551.18
C	35+73.61	0.00	551.18	551.20
D	35+83.61	0.00	551.20	551.21
CL Existing Pier 2	35+89.66	0.00	551.22	551.22
E	35+99.66	0.00	551.24	551.25
F	36+09.66	0.00	551.26	551.27
G	36+19.66	0.00	551.28	551.29
H	36+29.66	0.00	551.31	551.32
CL Existing Pier 1	36+43.66	0.00	551.34	551.34
I	36+53.66	0.00	551.36	551.37
J	36+63.66	0.00	551.38	551.40
K	36+73.66	0.00	551.40	551.42
L	36+83.66	0.00	551.42	551.43
CL Brg East Abut.	36+89.94	0.00	551.44	551.44
Back of East Abut.	36+91.84	0.00	551.44	551.44



PLAN

DESIGNED Tom L. Kurtenbach
CHECKED Philip E. Coppernoll
DRAWN John F. Schneller Jr.
CHECKED T.L.K. / P.E.C.

March 5, 2008
EXAMINED Thomas J. Samagalski
PASSED Ralph E. Anderson

TOP OF SLAB ELEVATIONS
F.A.I. ROUTE 55 - SEC. (84-2B-1)I-1
SANGAMON COUNTY
STATION 36+16.64
STRUCTURE NO. 084-0025