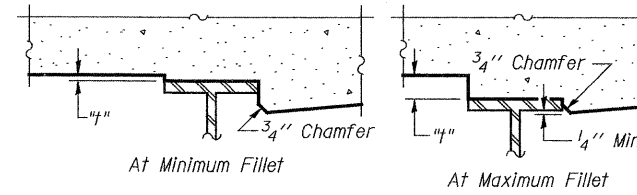


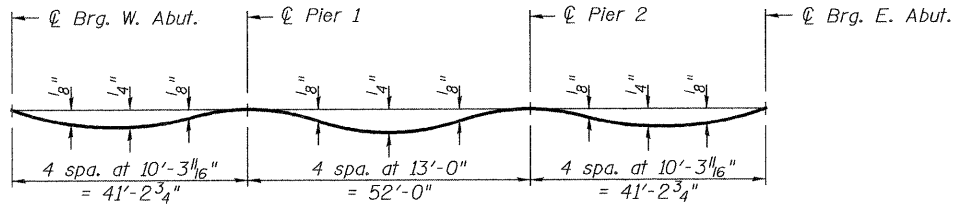
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

NOTE: Expected fillet height "t" varies from 1/2" (at Abuts.) to 1 1/2" (at midspan 2).



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.

BEAM 1

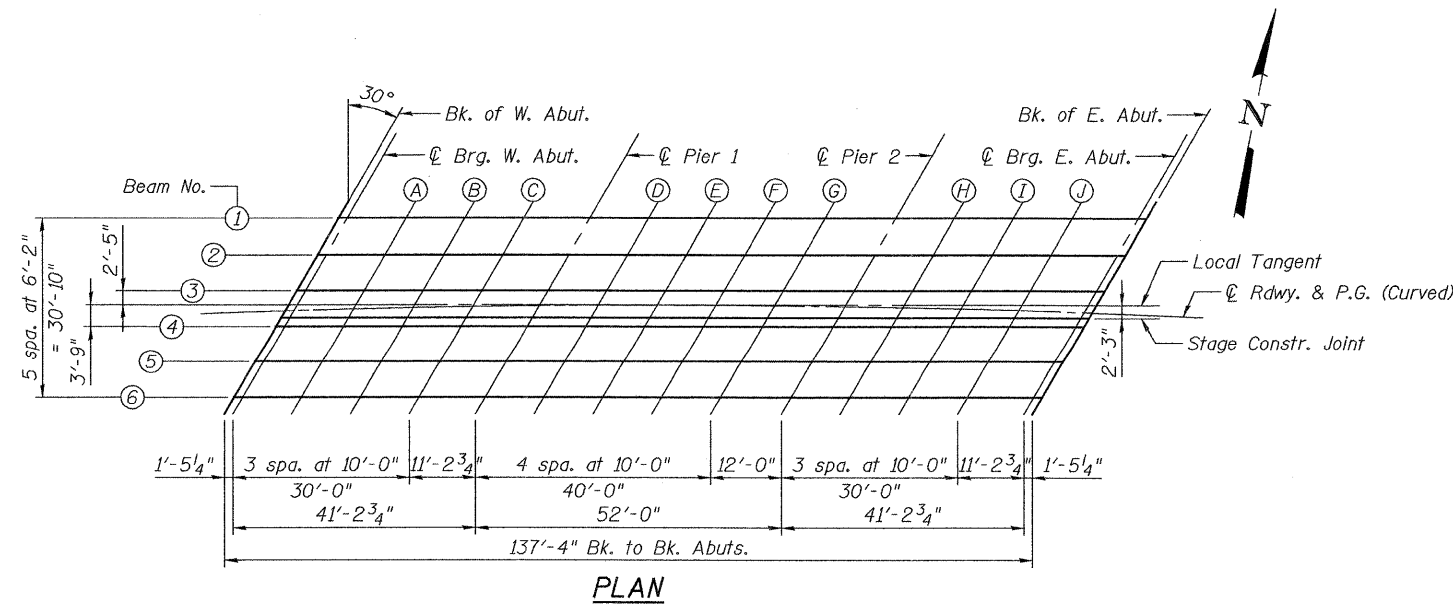
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	474+59.97	-15.50	511.74	511.74
☉ Brg. W. Abut.	474+61.40	-15.46	511.76	511.76
A	474+71.32	-15.22	511.83	511.84
B	474+81.25	-15.03	511.90	511.92
C	474+91.17	-14.89	511.98	511.99
☉ Pier 1	475+02.32	-14.79	512.06	512.06
D	475+12.25	-14.75	512.14	512.15
E	475+22.18	-14.76	512.22	512.25
F	475+32.11	-14.82	512.31	512.33
G	475+42.03	-14.93	512.39	512.40
☉ Pier 2	475+53.95	-15.12	512.49	512.49
H	475+63.87	-15.34	512.58	512.59
I	475+73.79	-15.60	512.67	512.69
J	475+83.71	-15.91	512.76	512.77
☉ Brg. E. Abut.	475+94.84	-16.32	512.86	512.86
Bk. E. Abut.	475+96.28	-16.38	512.88	512.88

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	474+56.27	-9.43	511.52	511.52
☉ Brg. W. Abut.	474+57.70	-9.39	511.53	511.53
A	474+67.65	-9.13	511.60	511.62
B	474+77.60	-8.93	511.68	511.69
C	474+87.56	-8.77	511.75	511.76
☉ Pier 1	474+98.74	-8.65	511.84	511.84
D	475+08.70	-8.59	511.92	511.93
E	475+18.66	-8.59	512.00	512.02
F	475+28.61	-8.63	512.08	512.10
G	475+38.57	-8.72	512.16	512.18
☉ Pier 2	475+50.52	-8.89	512.26	512.26
H	475+60.47	-9.09	512.35	512.36
I	475+70.42	-9.34	512.44	512.46
J	475+80.37	-9.63	512.53	512.55
☉ Brg. E. Abut.	475+91.54	-10.02	512.63	512.63
Bk. E. Abut.	475+92.98	-10.08	512.65	512.65

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	474+52.54	-3.37	511.29	511.29
☉ Brg. W. Abut.	474+53.97	-3.33	511.30	511.30
A	474+63.95	-3.05	511.38	511.39
B	474+73.93	-2.83	511.45	511.47
C	474+83.92	-2.65	511.52	511.53
☉ Pier 1	474+95.13	-2.51	511.61	511.61
D	475+05.12	-2.44	511.69	511.70
E	475+15.11	-2.42	511.77	511.79
F	475+25.10	-2.44	511.85	511.87
G	475+35.09	-2.52	511.93	511.95
☉ Pier 2	475+47.07	-2.67	512.04	512.04
H	475+57.05	-2.85	512.12	512.13
I	475+67.04	-3.08	512.21	512.23
J	475+77.02	-3.36	512.30	512.32
☉ Brg. E. Abut.	475+88.22	-3.73	512.40	512.40
Bk. E. Abut.	475+89.67	-3.78	512.42	512.42



PLAN

**TOP OF SLAB ELEVATIONS
ILLINOIS 96 OVER
FOX CREEK
STRUCTURE NO. 007-0028**

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: JDQ	DRAWN: SJS
CHECKED: DCD	CHECKED: DCD

E-S 5-16-08

SHEET 4 OF 22	F.A.P. RTE. 304	SECTION 5A-BR	COUNTY CALHOUN	TOTAL SHEETS 60	SHEET NO. 27
	STA. 475+19.62		CONTRACT NO. 76886		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

FILE: J:\JDD\1010164 IL-DBVV#9 IL 96 Fox Creek-FINAL\FoxCreek\04slabelev.dgn USER: DCD DATE: 11/26/2008 10:40:28