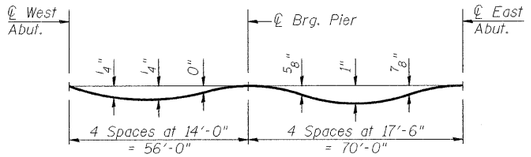
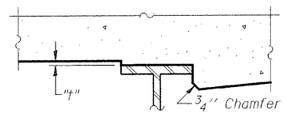


DEAD LOAD DEFLECTION DIAGRAM

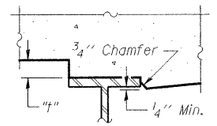
(Includes weight of concrete only.)

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 on sheets 8 and 9 of 25.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



At Minimum Fillet



At Maximum Fillet

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 7 of 25. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 8 and 9 of 25, minus slab thickness, equals the fillet heights "t" above top flange of beams.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	++	DU PAGE	65	39
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 9
25 SHEETS

++ 98-00153-02-BR
Contract No. 63077

FILLET HEIGHTS

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+51.99	3.25	687.69	687.69
℄ W. Abut.	106+53.32	3.25	687.68	687.68
A	106+63.32	3.25	687.65	687.66
B	106+73.32	3.25	687.60	687.62
C	106+83.32	3.25	687.55	687.56
D	106+93.32	3.25	687.50	687.50
E	107+03.32	3.25	687.45	687.45
℄ Brg. Pier	107+09.32	3.25	687.42	687.42
F	107+19.32	3.25	687.37	687.40
G	107+29.32	3.25	687.32	687.38
H	107+39.32	3.25	687.27	687.35
I	107+49.32	3.25	687.22	687.31
J	107+59.32	3.25	687.17	687.25
K	107+69.32	3.25	687.12	687.16
℄ E. Abut.	107+79.32	3.25	687.07	687.07
Bk. E. Abut.	107+80.65	3.25	687.06	687.06

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+49.50	10.08	687.55	687.55
℄ W. Abut.	106+50.83	10.08	687.55	687.55
A	106+60.83	10.08	687.51	687.53
B	106+70.83	10.08	687.47	687.49
C	106+80.83	10.08	687.42	687.43
D	106+90.83	10.08	687.37	687.38
E	107+00.83	10.08	687.32	687.32
℄ Brg. Pier	107+06.83	10.08	687.29	687.29
F	107+16.83	10.08	687.24	687.27
G	107+26.83	10.08	687.19	687.25
H	107+36.83	10.08	687.14	687.22
I	107+46.83	10.08	687.09	687.18
J	107+56.83	10.08	687.04	687.12
K	107+66.83	10.08	686.99	687.03
℄ E. Abut.	107+76.83	10.08	686.94	686.94
Bk. E. Abut.	107+78.16	10.08	686.93	686.93

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+47.01	16.92	687.42	687.42
℄ W. Abut.	106+48.34	16.92	687.41	687.41
A	106+58.34	16.92	687.38	687.39
B	106+68.34	16.92	687.34	687.36
C	106+78.34	16.92	687.29	687.30
D	106+88.34	16.92	687.24	687.25
E	106+98.34	16.92	687.19	687.19
℄ Brg. Pier	107+04.34	16.92	687.16	687.16
F	107+14.34	16.92	687.11	687.14
G	107+24.34	16.92	687.06	687.12
H	107+34.34	16.92	687.01	687.09
I	107+44.34	16.92	686.96	687.05
J	107+54.34	16.92	686.91	686.99
K	107+64.34	16.92	686.86	686.90
℄ E. Abut.	107+74.34	16.92	686.81	686.81
Bk. E. Abut.	107+75.67	16.92	686.80	686.80

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+44.53	23.75	687.28	687.28
℄ W. Abut.	106+45.86	23.75	687.28	687.28
A	106+55.86	23.75	687.25	687.26
B	106+65.86	23.75	687.21	687.23
C	106+75.86	23.75	687.16	687.18
D	106+85.86	23.75	687.11	687.12
E	106+95.86	23.75	687.06	687.06
℄ Brg. Pier	107+01.86	23.75	687.03	687.03
F	107+11.86	23.75	686.98	687.01
G	107+21.86	23.75	686.93	686.99
H	107+31.86	23.75	686.88	686.96
I	107+41.86	23.75	686.83	686.92
J	107+51.86	23.75	686.78	686.86
K	107+61.86	23.75	686.73	686.77
℄ E. Abut.	107+71.86	23.75	686.68	686.68
Bk. E. Abut.	107+73.19	23.75	686.67	686.67

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+42.04	30.58	687.14	687.14
℄ W. Abut.	106+43.37	30.58	687.14	687.14
A	106+53.37	30.58	687.11	687.13
B	106+63.37	30.58	687.08	687.09
C	106+73.37	30.58	687.03	687.04
D	106+83.37	30.58	686.98	686.99
E	106+93.37	30.58	686.93	686.93
℄ Brg. Pier	106+99.37	30.58	686.90	686.90
F	107+09.37	30.58	686.85	686.88
G	107+19.37	30.58	686.80	686.86
H	107+29.37	30.58	686.75	686.83
I	107+39.37	30.58	686.70	686.79
J	107+49.37	30.58	686.65	686.73
K	107+59.37	30.58	686.60	686.64
℄ E. Abut.	107+69.37	30.58	686.55	686.55
Bk. E. Abut.	107+70.70	30.58	686.54	686.54

DESIGNED	J.ZUO
CHECKED	Z.MORILLO
DRAWN	D.C.PATEL
CHECKED	J.GRAINAWI

TOP OF SLAB ELEVATIONS
F.A.P. RT. 345 - SEC. 98-00153-02-BR
DU PAGE COUNTY
STATION 107+17.50
STRUCTURE NO. 022-3011

PB PARSONS BRINCKERHOFF

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