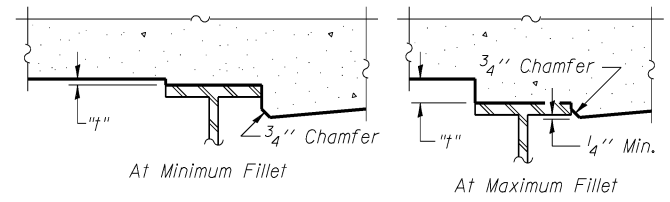
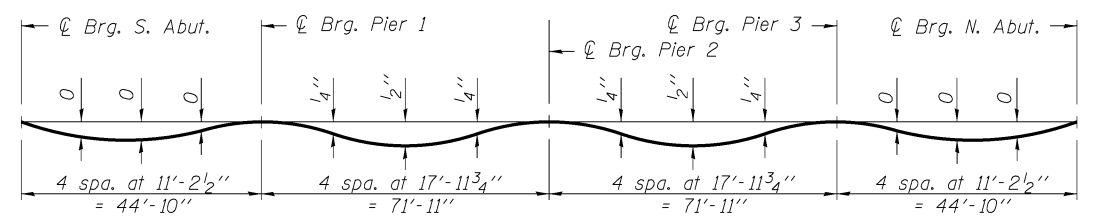


PLAN



To determine "f": After all existing concrete has been removed, elevations of the top flanges of the beams shall be taken at intervals shown on this sheet and sheet 6 of 24. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on this sheet and sheet 6 of 24, minus slab thickness, equals the fillet heights "f" above top flange of beams.

FILLET HEIGHTS



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 this sheet and on sheet 6 of 24.

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+76.03	-13.96	634.90	634.90
⊙ Brg. S. Abut.	48+78.12	-13.96	634.92	634.92
C	48+88.12	-13.96	635.04	635.04
D	48+98.12	-13.96	635.15	635.15
E	49+08.12	-13.96	635.24	635.24
⊙ Brg. Pier 1	49+22.94	-13.96	635.37	635.37
F	49+32.94	-13.96	635.44	635.45
G	49+42.94	-13.96	635.49	635.52
H	49+52.94	-13.96	635.54	635.58
I	49+62.94	-13.96	635.58	635.62
J	49+72.94	-13.96	635.61	635.64
K	49+82.94	-13.96	635.63	635.64
⊙ Brg. Pier 2	49+94.86	-13.96	635.63	635.63
L	50+04.86	-13.96	635.63	635.63
M	50+14.86	-13.96	635.61	635.63
N	50+24.86	-13.96	635.58	635.62
O	50+34.86	-13.96	635.54	635.58
P	50+44.86	-13.96	635.49	635.52
Q	50+54.86	-13.96	635.43	635.45
⊙ Brg. Pier 3	50+66.78	-13.96	635.35	635.35
R	50+76.78	-13.96	635.27	635.27
S	50+86.78	-13.96	635.17	635.18
T	50+96.78	-13.96	635.07	635.08
⊙ Brg. N. Abut.	51+11.61	-13.96	634.90	634.90
Bk. of N. Abut.	51+13.69	-13.96	634.87	634.87

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	48+78.09	-8.37	635.02	635.02
⊙ Brg. S. Abut.	48+80.17	-8.37	635.04	635.04
C	48+90.17	-8.37	635.16	635.16
D	49+00.17	-8.37	635.26	635.27
E	49+10.17	-8.37	635.36	635.36
⊙ Brg. Pier 1	49+25.00	-8.37	635.48	635.48
F	49+35.00	-8.37	635.55	635.56
G	49+45.00	-8.37	635.60	635.63
H	49+55.00	-8.37	635.65	635.69
I	49+65.00	-8.37	635.69	635.72
J	49+75.00	-8.37	635.71	635.74
K	49+85.00	-8.37	635.73	635.74
⊙ Brg. Pier 2	49+96.92	-8.37	635.73	635.73
L	50+06.92	-8.37	635.72	635.73
M	50+16.92	-8.37	635.70	635.72
N	50+26.92	-8.37	635.67	635.71
O	50+36.92	-8.37	635.63	635.67
P	50+46.92	-8.37	635.58	635.61
Q	50+56.92	-8.37	635.52	635.53
⊙ Brg. Pier 3	50+68.84	-8.37	635.43	635.43
R	50+78.84	-8.37	635.35	635.35
S	50+88.84	-8.37	635.25	635.25
T	50+98.84	-8.37	635.15	635.15
⊙ Brg. N. Abut.	51+13.66	-8.37	634.97	634.97
Bk. of N. Abut.	51+15.75	-8.37	634.94	634.94



USER NAME =	DESIGNED - WJV	REVISIONS -
	CHECKED - CJB	REVISIONS -
PLOT SCALE =	DRAWN - WJV	REVISIONS -
PLOT DATE = 12-22-2011	CHECKED - CJB	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS - I
STRUCTURE NO. 026-0055**

SHEET NO. 5 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5,26-5-1,26-1-1)R	Fayette	92	72
CONTRACT NO. 74469				

ILLINOIS FED. AID PROJECT