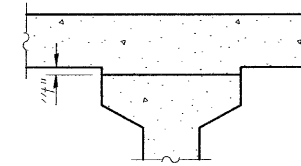
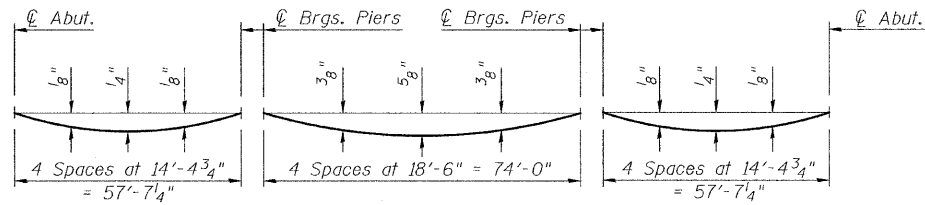


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



To determine "f": After all precast prestressed beams have 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 Deflections" shown below, minus slab thickness, equals the fillet heights "f" above top flanges of beams.

FILLET HEIGHTS



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete, excluding beams).

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.

SOUTH GUTTER LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK W ABUT	3184+94.78	18.00	553.75	553.75
CL W ABUT	3184+96.15	18.00	553.71	553.71
A	3185+06.15	18.00	553.41	553.42
B	3185+16.15	18.00	553.11	553.12
C	3185+26.15	18.00	552.81	552.83
D	3185+36.15	18.00	552.51	552.53
E	3185+46.15	18.00	552.21	552.22
CL W BRG PIER 1	3185+53.78	18.00	551.99	551.99
CL PIER 1	3185+54.78	18.00	551.96	551.96
CL E BRG PIER 1	3185+55.78	18.00	551.93	551.93
F	3185+65.78	18.00	551.63	551.65
G	3185+75.78	18.00	551.33	551.36
H	3185+85.78	18.00	551.03	551.08
I	3185+95.78	18.00	550.73	550.78
J	3186+05.78	18.00	550.43	550.47
K	3186+15.78	18.00	550.13	550.16
CL W BRG PIER 2	3186+29.78	18.00	549.72	549.72
CL PIER 2	3186+30.78	18.00	549.69	549.69
CL E BRG PIER 2	3186+31.78	18.00	549.66	549.66
L	3186+41.78	18.00	549.36	549.37
M	3186+51.78	18.00	549.06	549.07
N	3186+61.78	18.00	548.76	548.78
O	3186+71.78	18.00	548.46	548.48
P	3186+81.78	18.00	548.16	548.17
CL E ABUT	3186+89.40	18.00	547.94	547.94
BK E ABUT	3186+90.78	18.00	547.89	547.89

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK W ABUT	3184+94.17	16.75	553.79	553.79
CL W ABUT	3184+95.54	16.75	553.75	553.75
A	3185+05.54	16.75	553.45	553.46
B	3185+15.54	16.75	553.15	553.17
C	3185+25.54	16.75	552.85	552.87
D	3185+35.54	16.75	552.56	552.57
E	3185+45.54	16.75	552.26	552.26
CL W BRG PIER 1	3185+53.17	16.75	552.03	552.03
CL PIER 1	3185+54.17	16.75	552.00	552.00
CL E BRG PIER 1	3185+55.17	16.75	551.97	551.97
F	3185+65.17	16.75	551.67	551.69
G	3185+75.17	16.75	551.37	551.41
H	3185+85.17	16.75	551.07	551.12
I	3185+95.17	16.75	550.78	550.82
J	3186+05.17	16.75	550.48	550.52
K	3186+15.17	16.75	550.18	550.21
CL W BRG PIER 2	3186+29.17	16.75	549.76	549.76
CL PIER 2	3186+30.17	16.75	549.73	549.73
CL E BRG PIER 2	3186+31.17	16.75	549.70	549.70
L	3186+41.17	16.75	549.40	549.41
M	3186+51.17	16.75	549.10	549.12
N	3186+61.17	16.75	548.80	548.82
O	3186+71.17	16.75	548.51	548.52
P	3186+81.17	16.75	548.21	548.21
CL E ABUT	3186+88.79	16.75	547.98	547.98
BK E ABUT	3186+90.17	16.75	547.94	547.94

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK W ABUT	3184+91.85	12.00	553.96	553.96
CL W ABUT	3184+93.23	12.00	553.92	553.92
A	3185+03.23	12.00	553.62	553.63
B	3185+13.23	12.00	553.32	553.34
C	3185+23.23	12.00	553.02	553.04
D	3185+33.23	12.00	552.72	552.74
E	3185+43.23	12.00	552.43	552.43
CL W BRG PIER 1	3185+50.85	12.00	552.20	552.20
CL PIER 1	3185+51.85	12.00	552.17	552.17
CL E BRG PIER 1	3185+52.85	12.00	552.14	552.14
F	3185+62.85	12.00	551.84	551.86
G	3185+72.85	12.00	551.54	551.58
H	3185+82.85	12.00	551.24	551.29
I	3185+92.85	12.00	550.94	550.99
J	3186+02.85	12.00	550.64	550.69
K	3186+12.85	12.00	550.35	550.37
CL W BRG PIER 2	3186+26.85	12.00	549.93	549.93
CL PIER 2	3186+27.85	12.00	549.90	549.90
CL E BRG PIER 2	3186+28.85	12.00	549.87	549.87
L	3186+38.85	12.00	549.57	549.58
M	3186+48.85	12.00	549.27	549.29
N	3186+58.85	12.00	548.97	548.99
O	3186+68.85	12.00	548.67	548.69
P	3186+78.85	12.00	548.38	548.38
CL E ABUT	3186+86.48	12.00	548.15	548.15
BK E ABUT	3186+87.85	12.00	548.106	548.106

DESIGNED	SCD
CHECKED	DRB
DRAWN	THW
CHECKED	SCD



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PI-E1 10-1-08

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 012-0073

SHEET NO. 5 OF 29 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1707	(BX-B)B-1	CLARK	44	14
			CONTRACT NO. 74169		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					