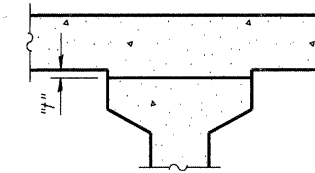


DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete, excluding beams).

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 on sheets S-4 and S-5.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet S-3. These elevations subtracted from the "Theoretical Grade Elevations Adjusted For Dead Load Deflections" shown on sheets S-4 and S-5, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	148+93.78	12.5	848.00	848.00
℄. W. Abut.	148+95.07	12.5	848.01	848.01
A	149+05.07	12.5	848.04	848.06
B	149+15.07	12.5	848.06	848.10
C	149+25.07	12.5	848.08	848.12
D	149+35.07	12.5	848.09	848.12
℄. W. Brg. Pier	149+49.04	12.5	848.09	848.09
℄. Pier	149+50.07	12.5	848.09	848.09
℄. E. Brg. Pier	149+51.10	12.5	848.09	848.09
E	149+61.10	12.5	848.09	848.14
F	149+71.10	12.5	848.08	848.16
G	149+81.10	12.5	848.07	848.15
H	149+91.10	12.5	848.05	848.13
I	150+01.10	12.5	848.02	848.08
℄. E. Abut.	150+15.41	12.5	847.98	847.98
Bk. E. Abut.	150+16.69	12.5	847.97	847.97

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	148+95.33	18.75	847.88	847.88
℄. W. Abut.	148+96.62	18.75	847.88	847.88
A	149+06.62	18.75	847.91	847.94
B	149+16.62	18.75	847.93	847.97
C	149+26.62	18.75	847.95	847.99
D	149+36.62	18.75	847.96	847.99
℄. W. Brg. Pier	149+50.59	18.75	847.96	847.96
℄. Pier	149+51.62	18.75	847.96	847.96
℄. E. Brg. Pier	149+52.65	18.75	847.96	847.96
E	149+62.65	18.75	847.96	848.01
F	149+72.65	18.75	847.95	848.02
G	149+82.65	18.75	847.94	848.02
H	149+92.65	18.75	847.91	848.00
I	150+02.65	18.75	847.89	847.95
℄. E. Abut.	150+16.96	18.75	847.84	847.84
Bk. E. Abut.	150+18.24	18.75	847.84	847.84

FILE NAME = \\mchcglp2207\p68095873\p68095873\06_cad\98\dr\swings\sheet\structure\056-3177_68095873_596_Top_of_Slab_Elevations_3.dwt

AECOM

USER NAME = dobezicd
PLOT SCALE = 0.1" = 1' IN.
PLOT DATE = 5/28/2009

DESIGNED - DD
DRAWN - DD
CHECKED - ATB
DATE - 3/18/2009

REVISED -
REVISED -
REVISED -
REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS III
STRUCTURE NO. 056-3177**

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0031	06-00323-00-BR	MCHENRY	53	24
CONTRACT NO. 63218				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				