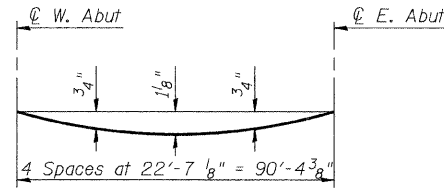
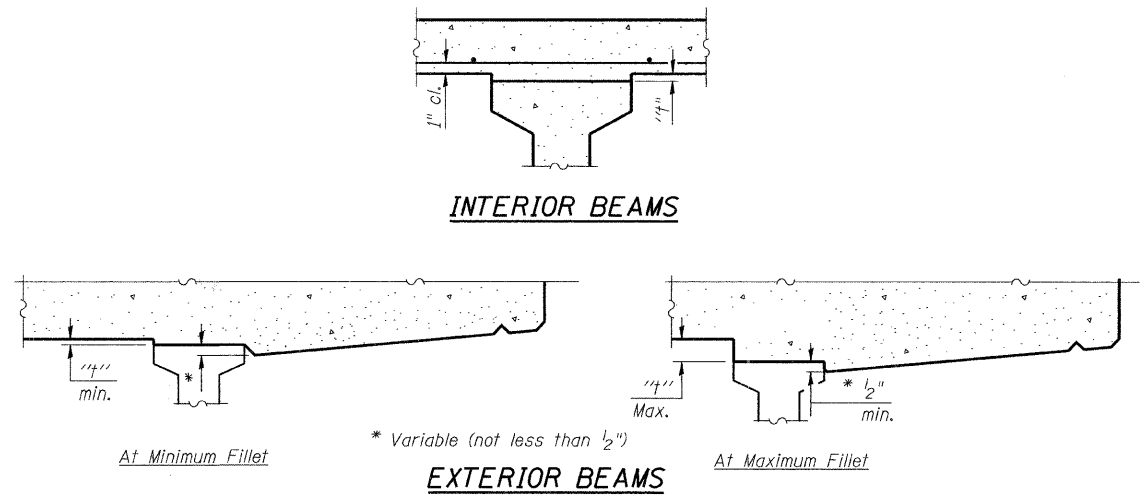


McHENRY COUNTY  
DIVISION OF TRANSPORTATION



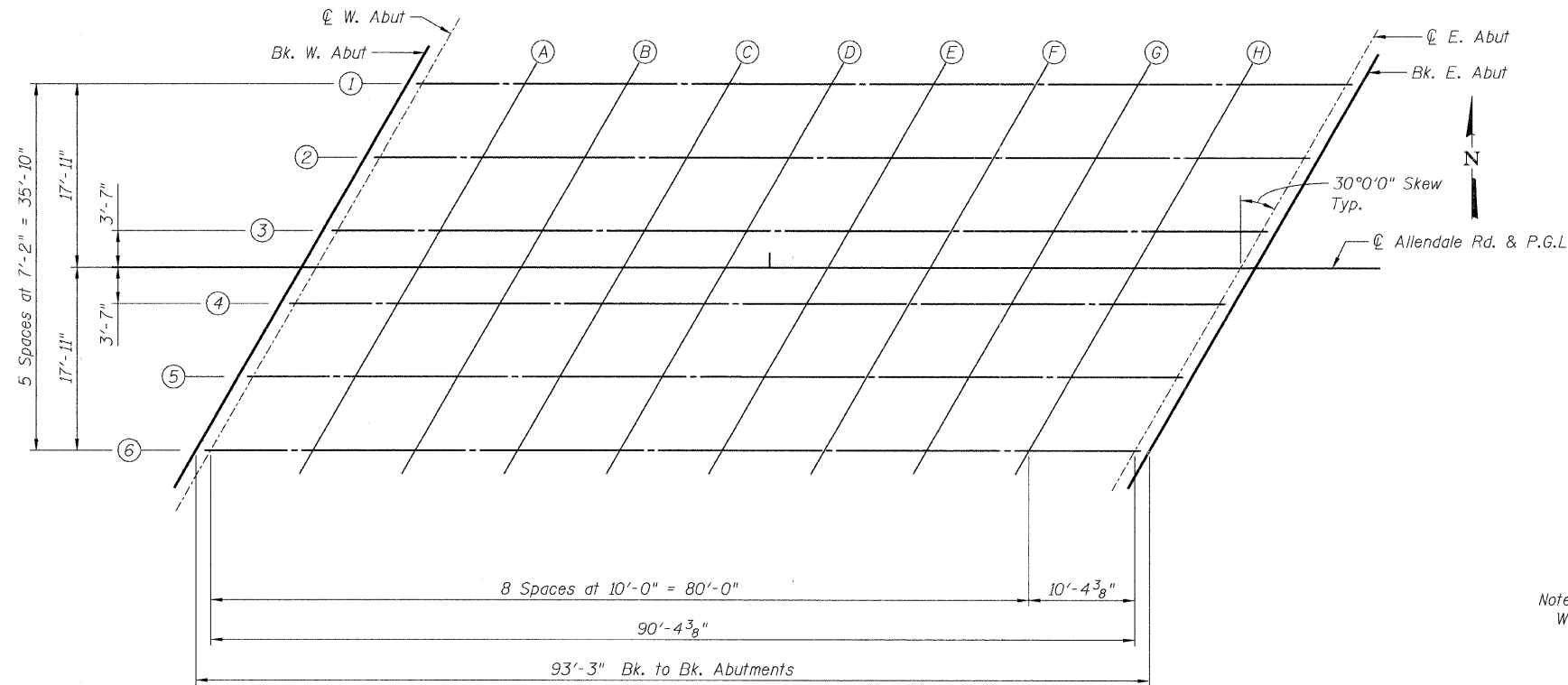
**DEAD LOAD DEFLECTION DIAGRAM**  
(Includes weight of concrete, excluding beams).

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.



**METHOD OF DETERMINING FILLET HEIGHTS "T"**

After all beams have been erected, elevations of the top flanges of the beams shall be taken at the intervals shown on the plans. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on the plans, minus slab thickness equals the fillet heights "t" above top flange of beams.



**FRAMING PLAN**

BEAM 1				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	106+64.59	17.92 Lt.	850.06	850.06
CL W. Abut.	106+66.04	17.92 Lt.	850.07	850.07
A	106+76.04	17.92 Lt.	850.13	850.16
B	106+86.04	17.92 Lt.	850.18	850.24
C	106+96.04	17.92 Lt.	850.24	850.32
D	107+06.04	17.92 Lt.	850.30	850.39
E	107+16.04	17.92 Lt.	850.35	850.45
F	107+26.04	17.92 Lt.	850.41	850.49
G	107+36.04	17.92 Lt.	850.47	850.53
H	107+46.04	17.92 Lt.	850.53	850.56
CL E. Abut.	107+56.40	17.92 Lt.	850.58	850.58
Bk. E. Abut.	107+57.84	17.92 Lt.	850.59	850.59

Note:  
Work this sheet with Sheet S-4.

**TOP OF SLAB ELEVATIONS NO. 1  
STRUCTURE NO. 056-3173**

DESIGNED	AMK
CHECKED	EKM
DRAWN	RD
CHECKED	EKM



**Ciorba Group, Inc.**  
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SHEET NO. S-3 OF S-20 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		05-00310-00-BR	McHENRY	44	19
			CONTRACT NO. 63114		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

6.0000000 / / IN.

rdanley

2/6/2009

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