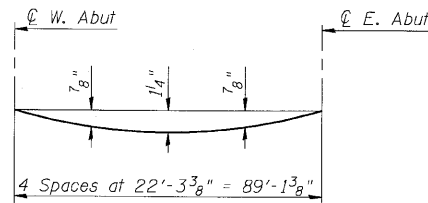
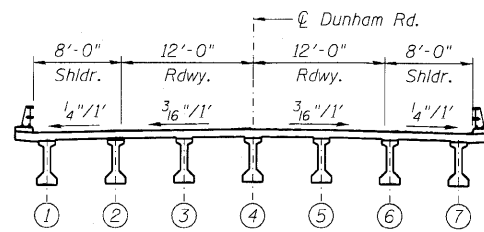


McHENRY COUNTY
DIVISION OF TRANSPORTATION

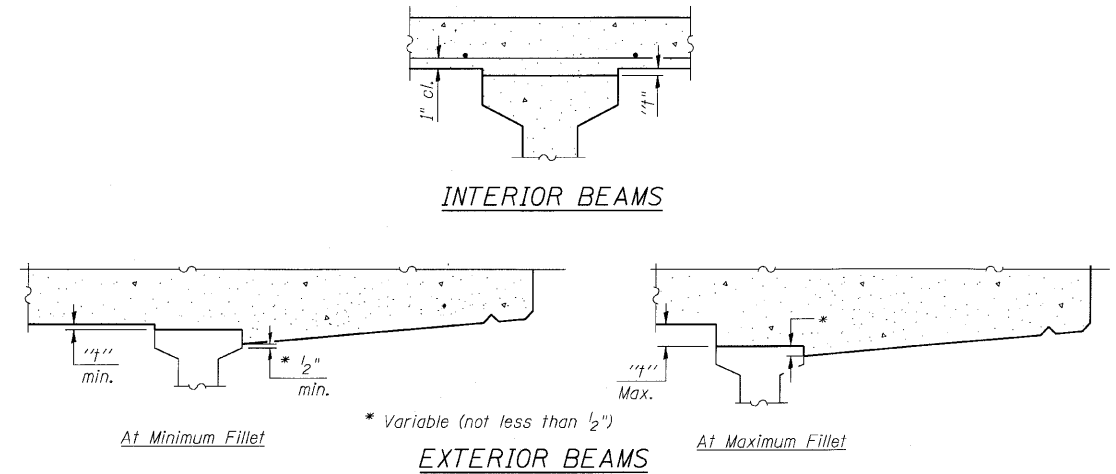


DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete, excluding beams).

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.

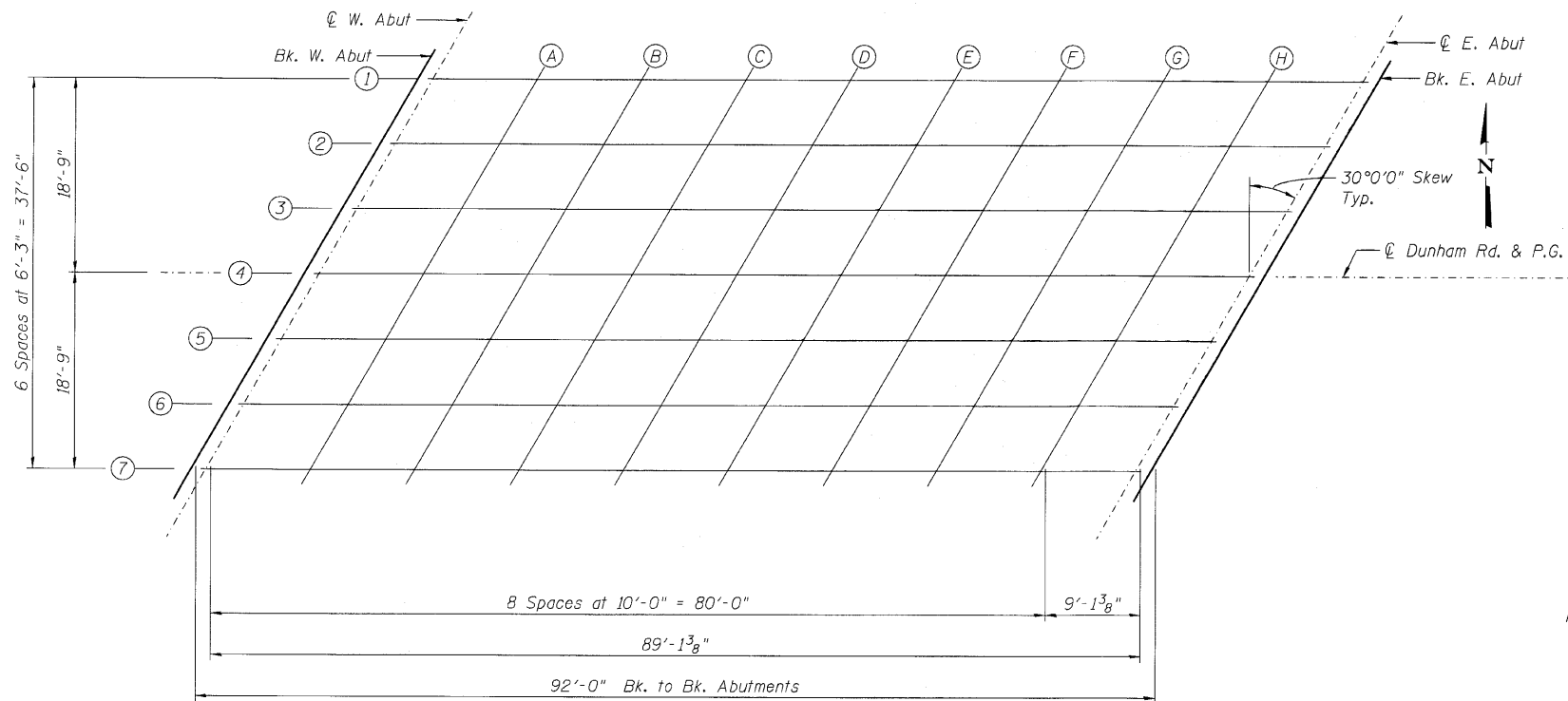


CROSS SECTION
(Looking East)



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.	509+65.68	18.75 Lt.	875.83	875.83
CL W. Abut.	509+67.12	18.75 Lt.	875.83	875.83
A	509+77.12	18.75 Lt.	875.85	875.88
B	509+87.12	18.75 Lt.	875.85	875.92
C	509+97.12	18.75 Lt.	875.86	875.95
D	510+07.12	18.75 Lt.	875.85	875.96
E	510+17.12	18.75 Lt.	875.84	875.95
F	510+27.12	18.75 Lt.	875.82	875.91
G	510+37.12	18.75 Lt.	875.80	875.86
H	510+47.12	18.75 Lt.	875.77	875.80
CL E. Abut.	510+56.23	18.75 Lt.	875.73	875.73
Bk. E. Abut.	510+57.68	18.75 Lt.	875.73	875.73

Note:
Work this sheet with Sheet S-4.

TOP OF SLAB ELEVATIONS NO. 1
STRUCTURE NO. 056-3179

DESIGNED -	AMK
CHECKED -	EKM
DRAWN -	RD
CHECKED -	EKM



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SHEET NO. S-3	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1233	06-00321-00-BR	McHENRY	48	21
S-21 SHEETS	CONTRACT NO. 63516			ILLINOIS FED. AID PROJECT	

rosenlay

8/2/2010

na:\proj\3381\3381_01_krah\design\structural\cad\3381_01_03_Top of Slab Elevations No. 1.dgn