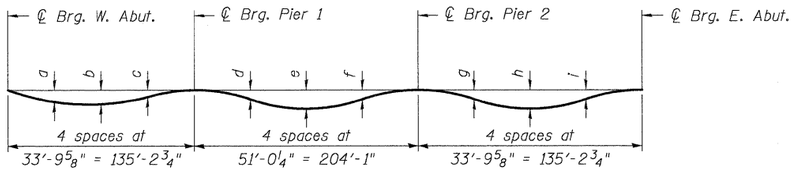
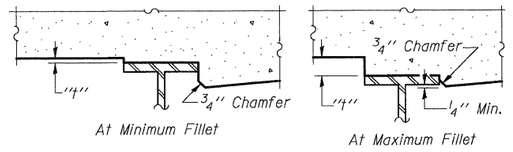


DEAD LOAD DEFLECTION DIAGRAM

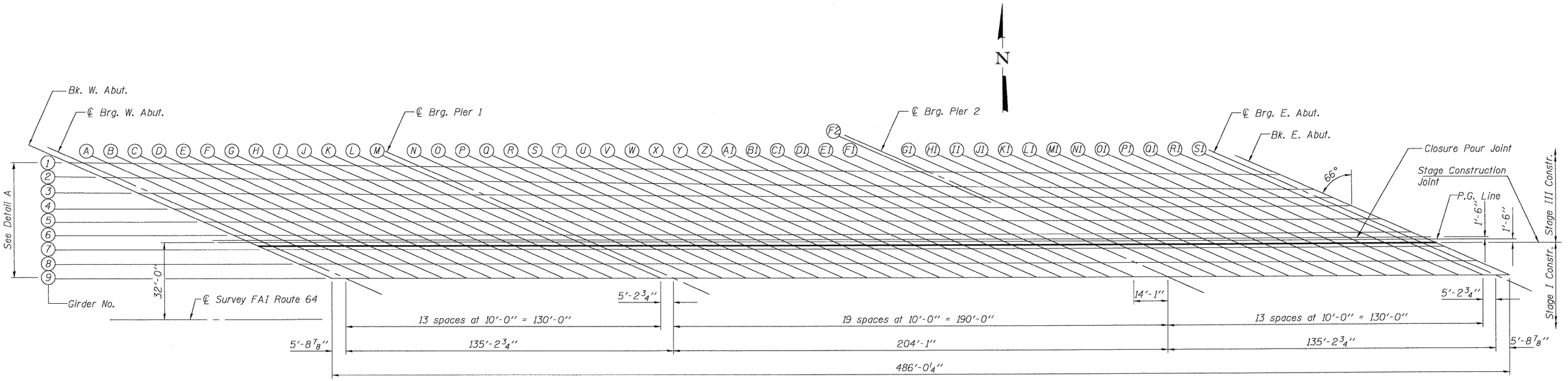
(Includes weight of concrete only.)

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 below.

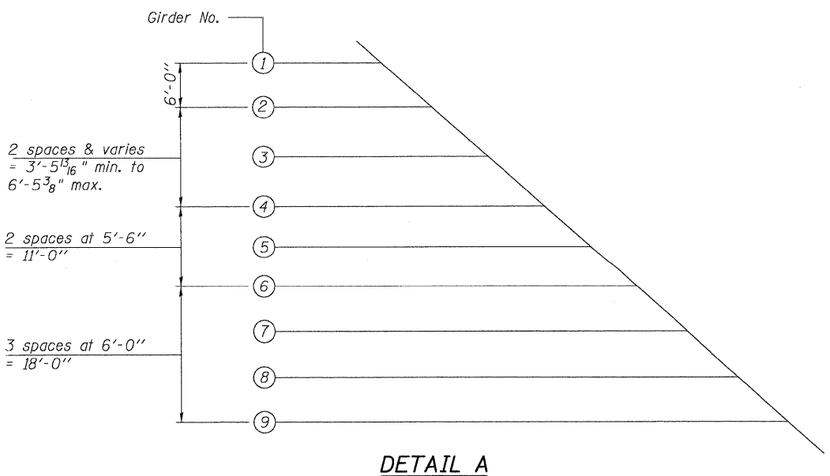


To determine "t": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 7 thru 10 of 59, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



PLAN



DETAIL A

WEST BOUND STRUCTURE

	Span 1			Span 2			Span 3		
	a	b	c	d	e	f	g	h	i
Girder 1	1 1/8	1 1/4	1/2	1 7/8	3 3/4	2 1/2	- 1/8	3/8	5/8
Girder 2	7/8	7/8	1/4	1 7/8	3 1/2	2	- 1/8	3/8	1/2
Girder 3	5/8	5/8	1/8	1 3/4	3	1 3/4	-0	3/8	3/8
Girder 4	1/2	3/8	-0	1 3/4	2 7/8	1 5/8	-0	3/8	3/8
Girder 5	3/8	1/4	- 1/8	1 3/4	2 5/8	1 1/2	1/8	1/2	1/2
Girder 6	1/8	- 1/4	- 1/4	1 5/8	2 1/2	1 3/8	1/8	1/2	1/2
Girder 7	5/8	5/8	1/8	1 3/4	3 1/8	2	- 1/4	1/8	3/8
Girder 8	5/8	5/8	1/8	2	3 1/2	2 1/8	-0	1/2	5/8
Girder 9	5/8	1/2	- 1/8	2 1/2	4	2 1/8	1/4	1	7/8

TOP OF SLAB ELEVATIONS
WB STRUCTURE
STRUCTURE NO. 082-0163

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

PROJECT NO. 07004
SCALE
DATE 9/23/08
DRAWN BY TFG
CHECKED BY RM/MCB

SHEET NO. 6
59 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-2VB	ST. CLAIR	153	61
		CONTRACT NO.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

USER NAME = CFC