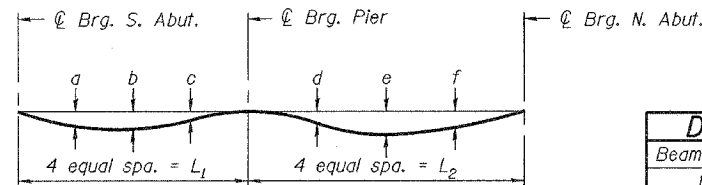


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 595	5HBR	Rock Island	139	55
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT-

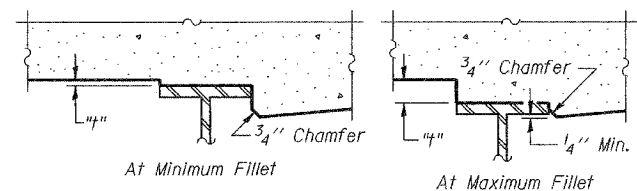
Contract #64931



DEAD LOAD DEFLECTION DIAGRAM DIMENSIONS								
Beam No.	a	b	c	d	e	f	L <sub>1</sub>	L <sub>2</sub>
1	7/8"	1/8"	5/8"	0	1/4"	1/4"	75'-9 3/8"	61'-10 1/4"
2	7/8"	1/8"	5/8"	1/8"	1/8"	1/8"	74'-7 1/4"	60'-10 3/4"
3-13	7/8"	1/8"	5/8"	0"	1/4"	1/4"	73'-6"	60'-0"
14	3/4"	7/8"	1/2"	0	1/4"	1/4"	72'-8 3/4"	59'-4 3/8"

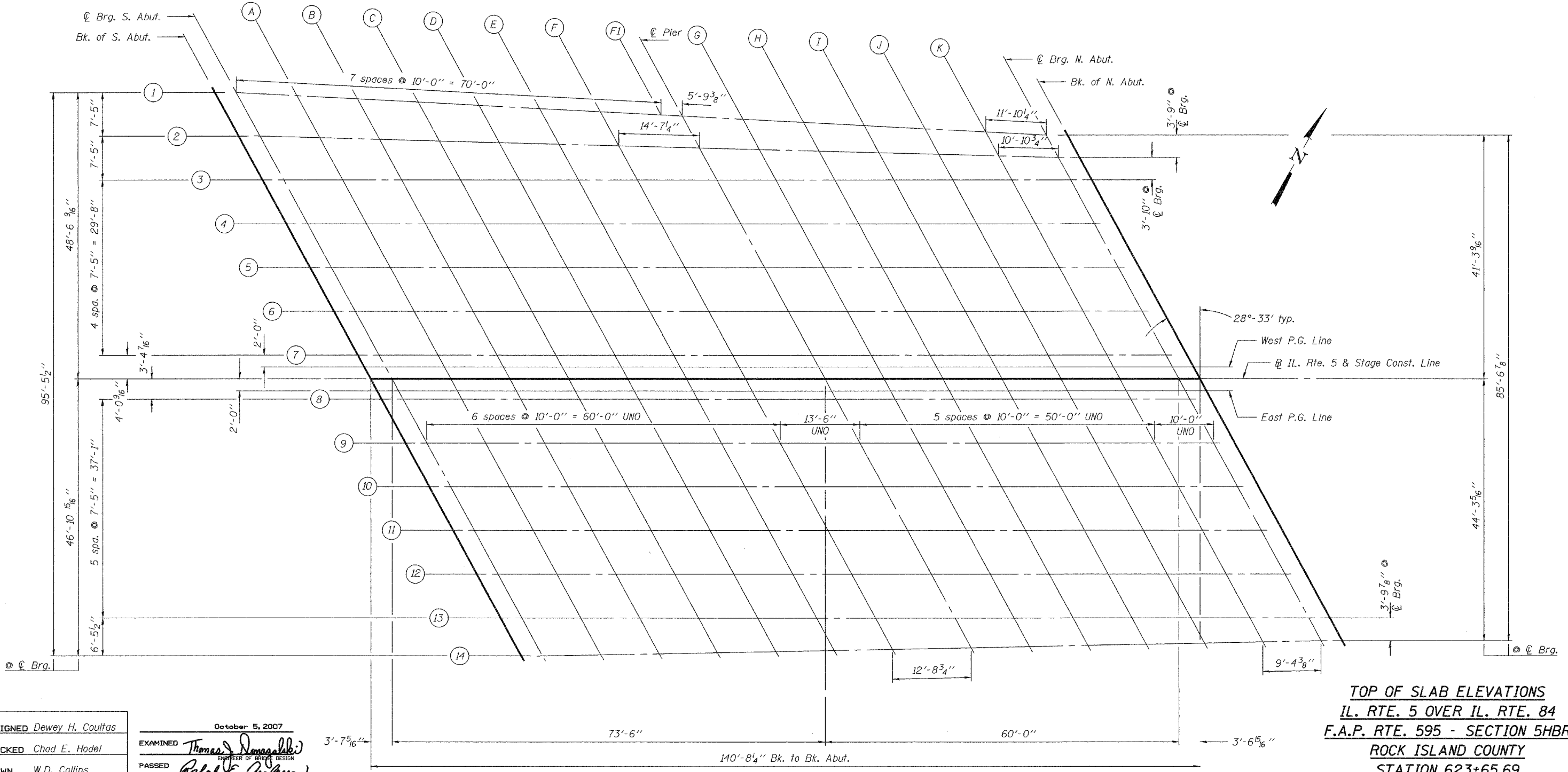
**DEAD LOAD DEFLECTION DIAGRAM**

(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 beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 6 thru 9 of 33, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**



DESIGNED	Dewey H. Coultas
CHECKED	Chad E. Hodel
DRAWN	W.D. Collins
CHECKED	D.H.C./C.E.H.

October 5, 2007  
EXAMINED *Thomas J. Damagala*  
PASSED *Ralph E. Anderson*  
ENGINEER OF BRIDGE DESIGN  
ENGINEER OF BRIDGES AND STRUCTURES

E-S 10-22-04

**TOP OF SLAB ELEVATIONS**  
**IL. RTE. 5 OVER IL. RTE. 84**  
**F.A.P. RTE. 595 - SECTION 5HBR**  
**ROCK ISLAND COUNTY**  
**STATION 623+65.69**  
**S.N. 081-0169**

**PLAN**