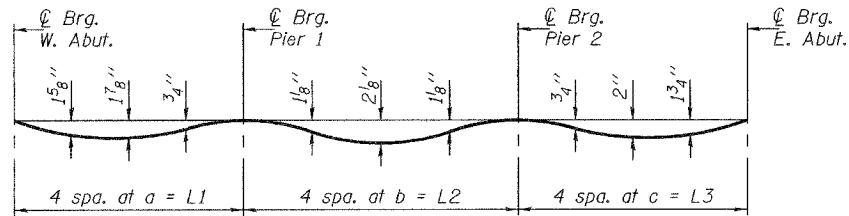


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

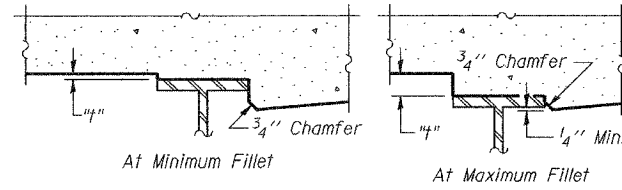
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6
FAP 327	(51-23) B-3	LAWRENCE	56	23	29 SHEETS
FED. ROAD DIST. NO. 7	BILLINGS	FED. AID PROJECT	Contract No. 94967		



DEAD LOAD DEFLECTION DIAGRAM

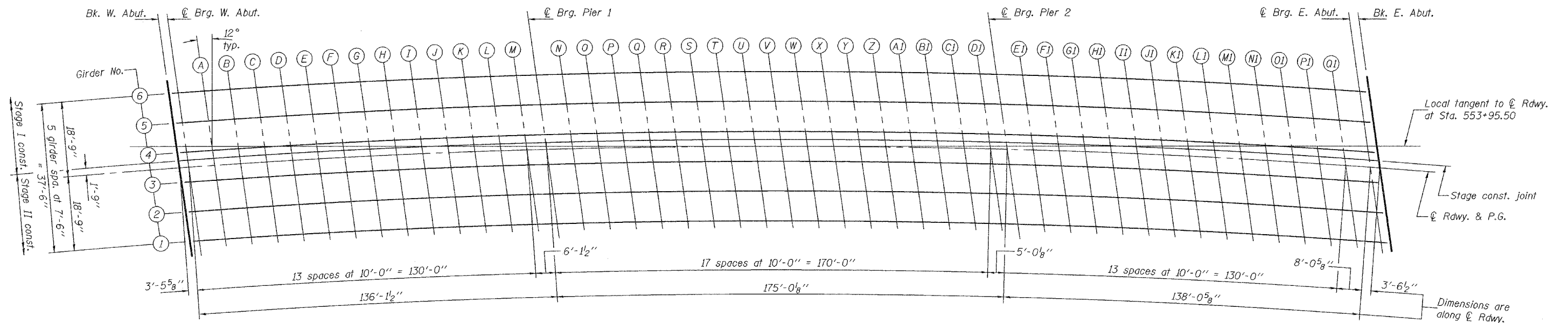
(Includes weight of concrete only.)

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 on sheets 7 & 8 of 29.



To determine "f": 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 & 8 of 29, minus slab thickness, equals the fillet heights "f" above top flange of girders.

FILLET HEIGHTS



PLAN

TABLE OF DIMENSIONS

(Dimensions are along the C of each respective girder.)

	L1	L2	L3	a	b	c
Girder 1	136'-1 3/4"	175'-0 1/2"	138'-1"	34'-0 1/2"	43'-9 1/8"	34'-6 1/4"
Girder 2	136'-1 3/4"	175'-0 3/8"	138'-0 7/8"	34'-0 1/2"	43'-9 1/8"	34'-6 1/4"
Girder 3	136'-1 1/2"	175'-0 1/4"	138'-0 5/8"	34'-0 3/8"	43'-9 1/8"	34'-6 1/8"
Girder 4	136'-1 1/2"	175'-0"	138'-0 1/2"	34'-0 3/8"	43'-9"	34'-6 1/8"
Girder 5	136'-1 3/8"	174'-11 7/8"	138'-0 3/8"	34'-0 3/8"	43'-9"	34'-6 1/8"
Girder 6	136'-1 3/8"	174'-11 7/8"	138'-0 1/8"	34'-0 3/8"	43'-9"	34'-6"

Note: All skew lines are 12° right forward relative to the local tangent.

DESIGNED	Chad E. Hodel
CHECKED	Mark D. Shaffer
DRAWN	h.t. duong
CHECKED	CEH/MDS

Oct. 2, 2007
 EXAMINED *Thomas J. Damagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. RT. 327 - SEC. (51-23)B-3
LAWRENCE COUNTY
STATION 553+95.50
STRUCTURE NO. 051-0063