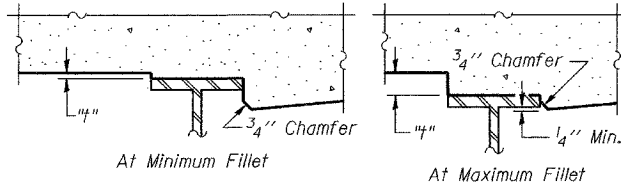


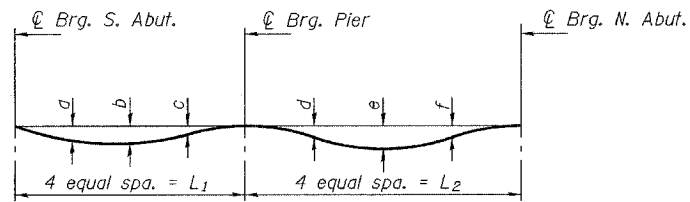
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.
F.A.I. 80	(50-2) HBR	LaSALLE	147	35 SHEETS
FED. ROAD DIST. NO. 7	BILLBOARD	FED. AID PROJECT	Contract No. 86603	



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 7 & 8 of 35, minus slab thickness, equals the fillet heights "t" above top flange of girders.

**FILLET HEIGHTS**



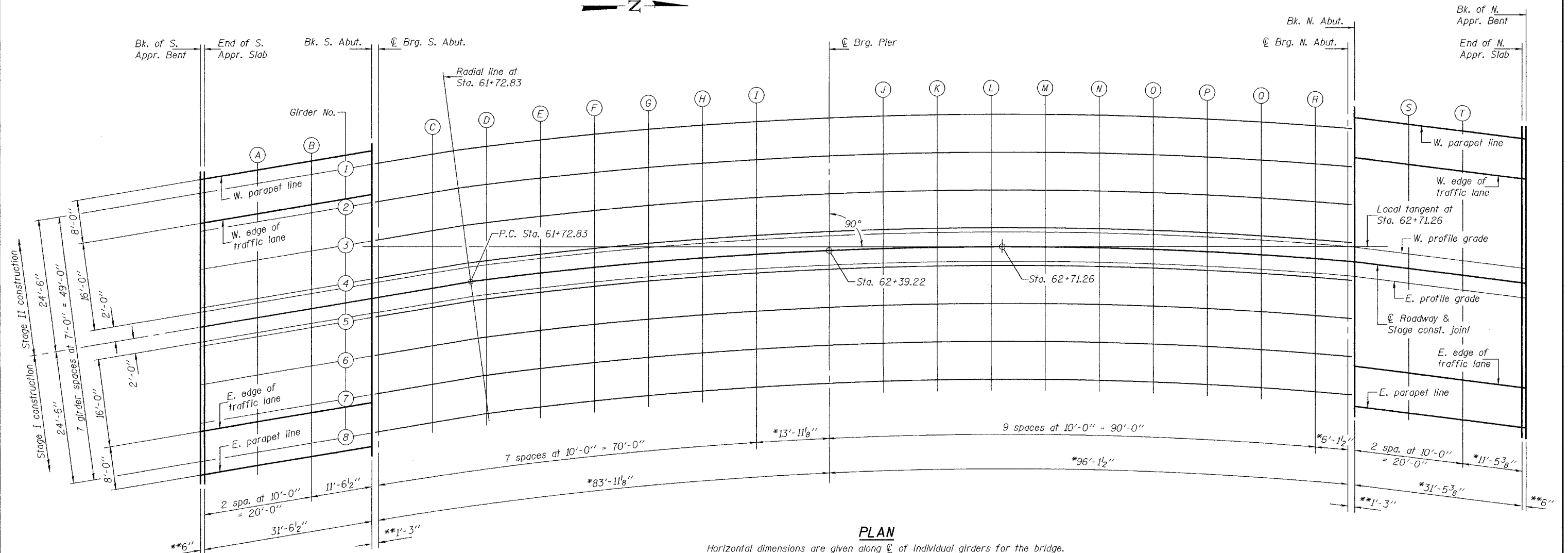
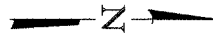
**DEAD LOAD DEFLECTION DIAGRAM**

(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 35. For L<sub>1</sub> & L<sub>2</sub> see sheet 18 of 35.

**TABLE OF a THRU f DIMENSIONS**

Girder No.	a	b	c	d	e	f
1	3/8"	1/2"	1/8"	5/8"	1 1/8"	1"
2	3/8"	1/2"	1/8"	5/8"	1 1/8"	7/8"
3	3/8"	1/2"	1/8"	1/2"	1 1/8"	7/8"
4	3/8"	1/2"	1/8"	1/2"	1 1/8"	7/8"
5	3/8"	1/2"	1/8"	1/2"	1 1/8"	7/8"
6	3/8"	1/2"	1/8"	1/2"	1 1/8"	7/8"
7	3/8"	1/2"	1/8"	1/2"	1"	7/8"
8	3/8"	1/2"	1/8"	1/2"	1"	3/4"



**PLAN**

Horizontal dimensions are given along  $\mathcal{C}$  of individual girders for the bridge.  
Horizontal dimensions for the south approach are given along  $\mathcal{C}$  roadway.  
Horizontal dimensions for the north approach are given along  $\mathcal{C}$  roadway & varies.

\* Measured along  $\mathcal{C}$  roadway and varies for other girder lines.  
\*\* Measured along local tangent at Sta. 62+71.26.

DESIGNED	CME
CHECKED	RLM
DRAWN	h.f. parsons
CHECKED	CME/RLM

Nov. 29, 2004  
EXAMINED *Thomas J. Demagala*  
PASSED *Ralph E. Anderson*  
ENGINEER OF BRIDGE DESIGN  
ENGINEER OF BRIDGES AND STRUCTURES

**TOP OF SLAB ELEVATIONS**  
F.A.I. RT. 80 - SEC. (50-2)HBR  
LaSALLE COUNTY  
STATION 62+39.22  
STRUCTURE NO. 050-0230