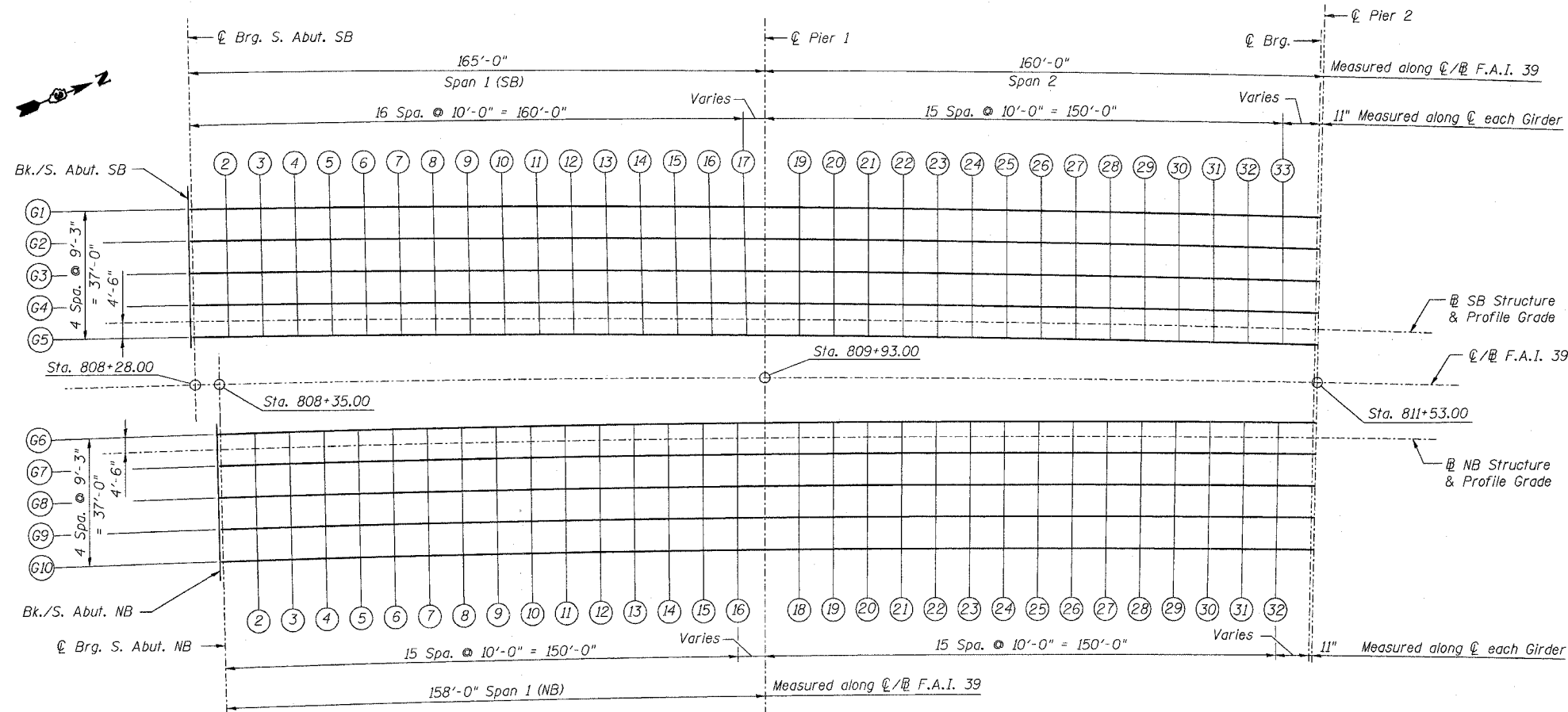


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
F.A.I. 39	50-4B	LASALLE	44	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		313 SHEETS

Contract # 66586



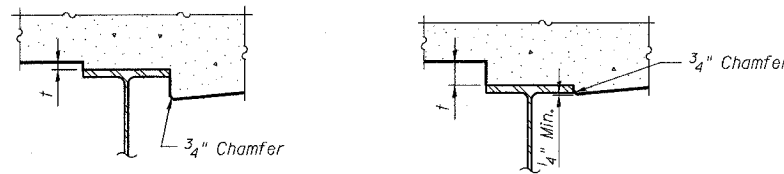
**PLAN**

**DEAD LOAD DEFLECTION TABLE**

Girder	a	b	c	d	e	f
G1 & G5	2 <sup>5</sup> / <sub>8</sub> "	3"	1 <sup>1</sup> / <sub>4</sub> "	3 <sup>3</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>8</sub> "	2"
G2 - G4	3"	3 <sup>3</sup> / <sub>8</sub> "	1 <sup>1</sup> / <sub>2</sub> "	3 <sup>3</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>4</sub> "
G6 & G10	2"	2 <sup>1</sup> / <sub>4</sub> "	7 <sup>7</sup> / <sub>8</sub> "	1"	2 <sup>3</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>8</sub> "
G7 - G9	2 <sup>3</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "	1"	1 <sup>1</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>2</sub> "

**NOTES:**

1. Dead load deflections used for the Dead Load Deflection Diagram and the tabulated Elevation Adjusted for Dead Load Deflection are based on the pour sequence shown on sheet 20. If the pour is modified, the dead load deflections must be recalculated and approved by the Engineer. See General Notes.
2. For stations and top of slab elevations see sheets 23 thru 25.



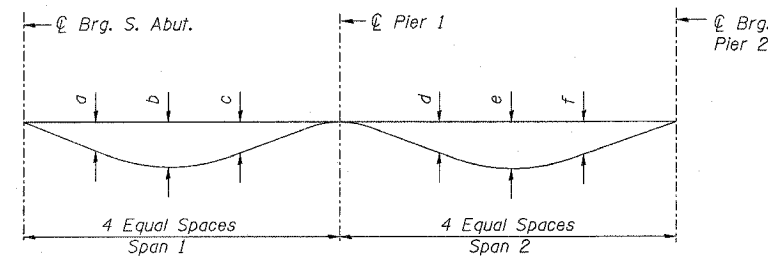
AT MINIMUM FILLET

AT MAXIMUM FILLET

To determine "t": After all structural steel has been erected, elevations at the top of flanges of the girders shall be taken at intervals shown on this sheet. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 23 thru 25, minus slab thickness, equals the fillet heights "t" above top flange of girders.

**FILLET HEIGHTS**

DESIGNED -	AJK
CHECKED -	MRB
DRAWN -	VH
CHECKED -	MRB



**DEAD LOAD DEFLECTION DIAGRAM**  
(Due to 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 23 thru 25.

**benesch**

alfred benesch & company  
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205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450  
Job # 3856

**SCREED PLAN - SPANS 1 AND 2**  
**ABRAHAM LINCOLN MEMORIAL BRIDGE OVER**  
**THE ILLINOIS RIVER (PUBLIC WATERS)**  
**F.A.I. ROUTE 39 SEC. (50-4B) BR**  
**LASALLE COUNTY**  
**STATION 863+16.00**  
**STRUCTURE NO. 050-0191 (SB & NB)**

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8/30/2006