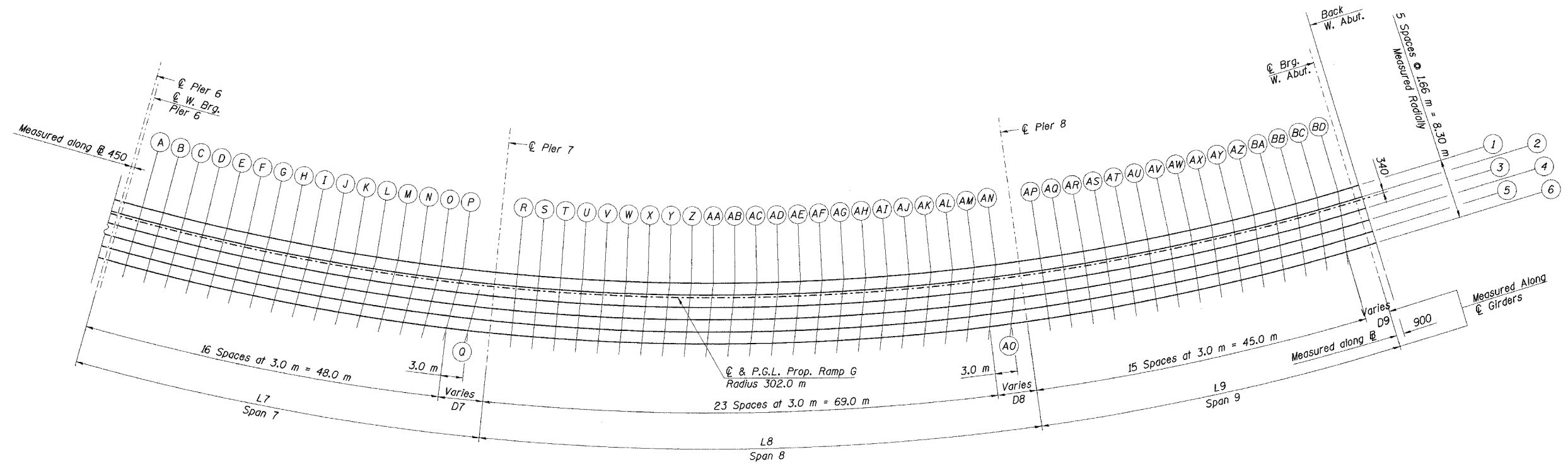
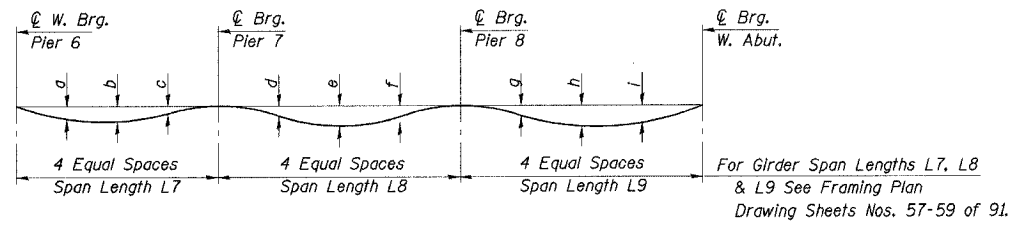


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 17 91 SHEETS
F. A. I. 80/94	0203.1B	COOK	200	79	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT			
CONTRACT NO. 62854					



**ELEVATION GRID**



**DEAD LOAD DEFLECTION DIAGRAM**  
(Includes weight of slab & parapet-no future wearing surface)

**DEAD LOAD DEFLECTION TABLE**  
(Values in Millimeters)

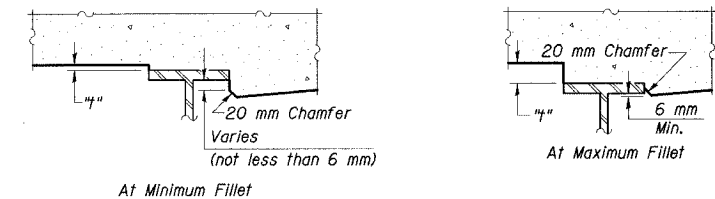
Girder No.	Deflection	Span 7 (L7)			Span 8 (L8)			Span 9 (L9)		
		a	b	c	d	e	f	g	h	i
1		31	33	10	51	89	54	3	18	18
2		30	31	8	53	94	56	1	15	17
3		30	30	7	56	98	59	-1	13	16
4		30	30	6	59	103	61	-2	11	15
5		30	29	5	62	108	65	-4	10	14
6		31	29	4	65	114	68	-5	8	14

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 in the "Top of Slab Elevations" tables. All offsets shown in the "Top of Slab Elevations" tables are in meters.

DESIGNED	JWD
CHECKED	JJK
DRAWN	LK
CHECKED	JJK

**END OF SPAN DIMENSIONS**  
(Values in Meters)

Girder	D7	D8	D9
1	4.100	3.219	2.086
2	4.390	3.618	2.346
3	4.681	4.017	2.607
4	4.972	4.417	2.868
5	5.263	4.816	3.128
6	5.554	5.216	3.389



To determine "h": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown in the elevation tables. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown, minus slab thickness, equals the fillet heights "h" above top flange of girders.

**FILLET HEIGHTS**

- Notes:
1. Work this sheet with Sheet Nos. 18-20 of 91 sheets.
  2. All dimensions are in millimeters (mm) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94/IL 394 SOUTH BOUND  
TOP OF SLAB ELEVATIONS, GRID  
& DETAILS, SPANS 7-9  
WB I-80/94 TO SB IL 394 - RAMP G  
FAI 80/94 - FAP 332 SECTION 0203.1B  
COOK COUNTY  
STA. 120+796.063 STRUCTURE NO. 016-2804  
DATE 3/23/05  
SCALE ---

**HNTB**

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