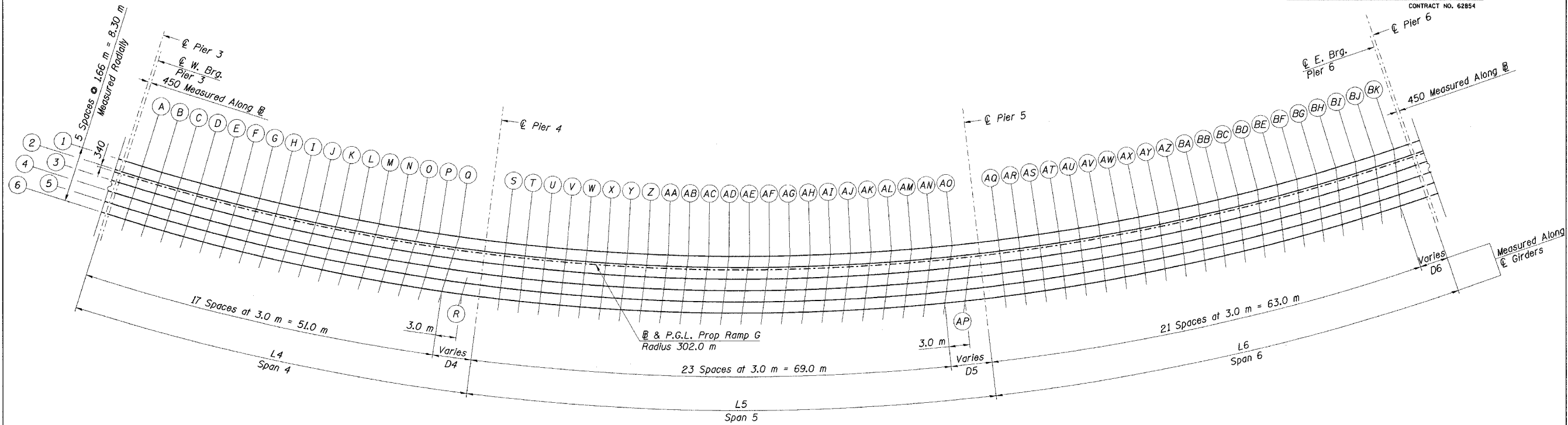
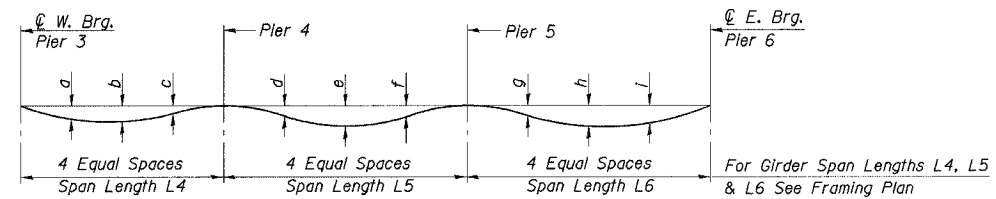


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 13 91 SHEETS
F. A. I. 80/94	0203.1B	COOK	200	75	
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT-		CONTRACT NO. 62854		



ELEVATION GRID



DEAD LOAD DEFLECTION DIAGRAM

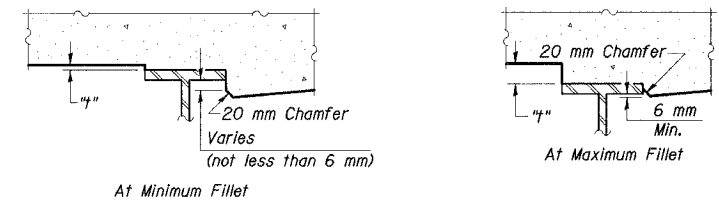
(Includes weight of slab & parapets-no future wearing surface)

DEAD LOAD DEFLECTION TABLE

Girder No.	Deflection	Span 4 (L4)			Span 5 (L5)			Span 6 (L6)		
		a	b	c	d	e	f	g	h	i
1		38	43	17	38	65	31	37	83	71
2		42	48	20	36	63	28	42	90	77
3		47	54	23	35	61	26	47	98	83
4		53	61	26	34	60	23	52	106	90
5		58	67	30	33	59	21	58	115	97
6		64	74	34	32	58	19	64	124	104

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



To determine "t": 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 "t" above top flange of girders.

FILLET HEIGHTS

END OF SPAN DIMENSIONS

(Values in Meters)

Girder	D4	D5	D6
1	3.583	3.914	2.212
2	3.888	4.317	2.576
3	4.192	4.720	2.939
4	4.497	5.125	3.302
5	4.801	5.527	3.666
6	5.106	5.931	4.029

Notes:

1. Work this sheet with Sheet Nos. 14-16 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 4-6
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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28-MAR-2005 12:56