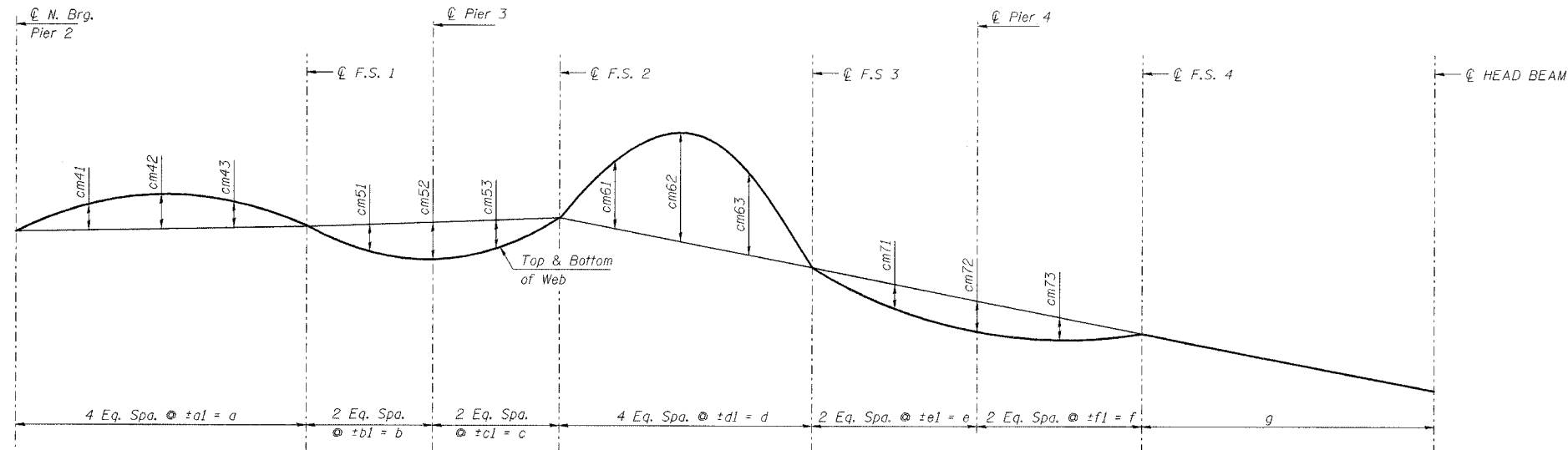


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

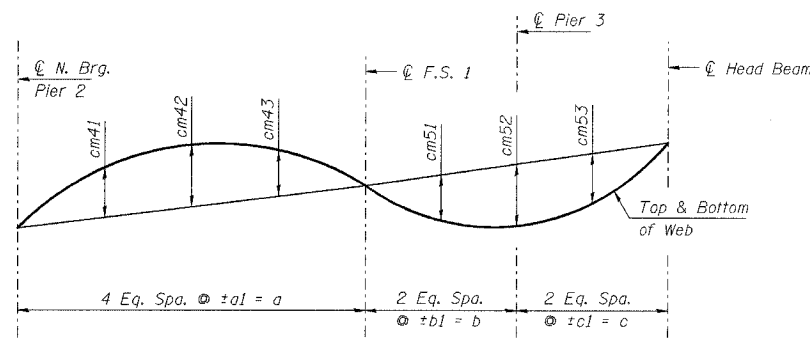
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 29 42 SHEETS
F. A. I. 80/94	•	COOK	90	44	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			
• 2004-133F		CONTRACT NO. 62698			



CAMBER DIAGRAM - GIRDER 5
(For dimensions a, b, c, d, e, f, g see Sheet No. 17 of 42)

CAMBER SPACING (Meters)

Girder	d1	b1	c1	d1	e1	f1
3	7.632	5.709	7.159	-	-	-
5	7.670	5.737	5.861	8.707	5.271	5.733
9	7.711	5.768	7.234	-	-	-



CAMBER DIAGRAM - GIRDERS 3 & 9
(For dimensions a, b, c see Sheet No. 17 of 42)

CAMBER VALUES

Girder	cm41	cm42	cm43	cm51	cm52	cm53	cm61	cm62	cm63	cm71	cm72	cm73
3	16	24	17	12	18	14	-	-	-	-	-	-
5	19	29	20	15	21	15	99	135	101	11	16	12
9	17	24	18	12	18	15	-	-	-	-	-	-

TOP OF WEB ELEVATIONS FOR FABRICATION (Meters) - GIRDERS 3 & 9

(Elevations are before any deflections and are to be used for fabrication only)

Girder	℄ N. Brg. Pier 2	℄ F.S. 1	℄ Pier 3	℄ Head Beam*
3	186.939	187.072	187.090	187.155
9	186.920	186.756	186.675	186.618

TOP OF WEB ELEVATIONS FOR FABRICATION (Meters) - GIRDER 5

(Elevations are before any deflections and are to be used for fabrication only)

Girder	℄ N. Brg. Pier 2	℄ F.S. 1	℄ Pier 3	℄ F.S. 2	℄ F.S. 3	℄ Pier 4	℄ F.S. 4	℄ Head Beam*
5	186.965	187.000	186.997	187.037	186.752	186.597	186.469	186.295

BEARING SEAT ELEVATIONS (Meters)

Girder	℄ N. Brg. Pier 2	℄ Pier 3	℄ Pier 4
3	184.926	185.002	-
5	184.936	184.909	184.441
9	184.905	184.584	-

Notes:

- 1 Work this Sheet with Sheets Nos. 17, 20, 22, 24 & 25 of 42.
2. All dimensions are in millimeters (mm) except as noted.

*Top of web elevations given at intersection of ℄ of girder and ℄ of head beam.
Dimension does not take into account coping at girder interface with head beam

DESIGNED	PJE/TL
CHECKED	MA
DRAWN	LK
CHECKED	MA

jkelita
 EA\34562\CADD\1\SN_2800\csh\CTR_29_2800\csh\91124a_2800.dgn
 12-MAY-2005 15:26

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
CAMBER AND TOP OF WEB ELEVATION-2
SPAN 3-5 - UNIT 1
SB IL ROUTE 394 OVER THORN CREEK
F.A.P. 332 SECTION 2004-133F
COOK COUNTY
STA. 440+704.350 STRUCTURE NO. 016-2800
DATE 05/16/05
SCALE ---

HNTB