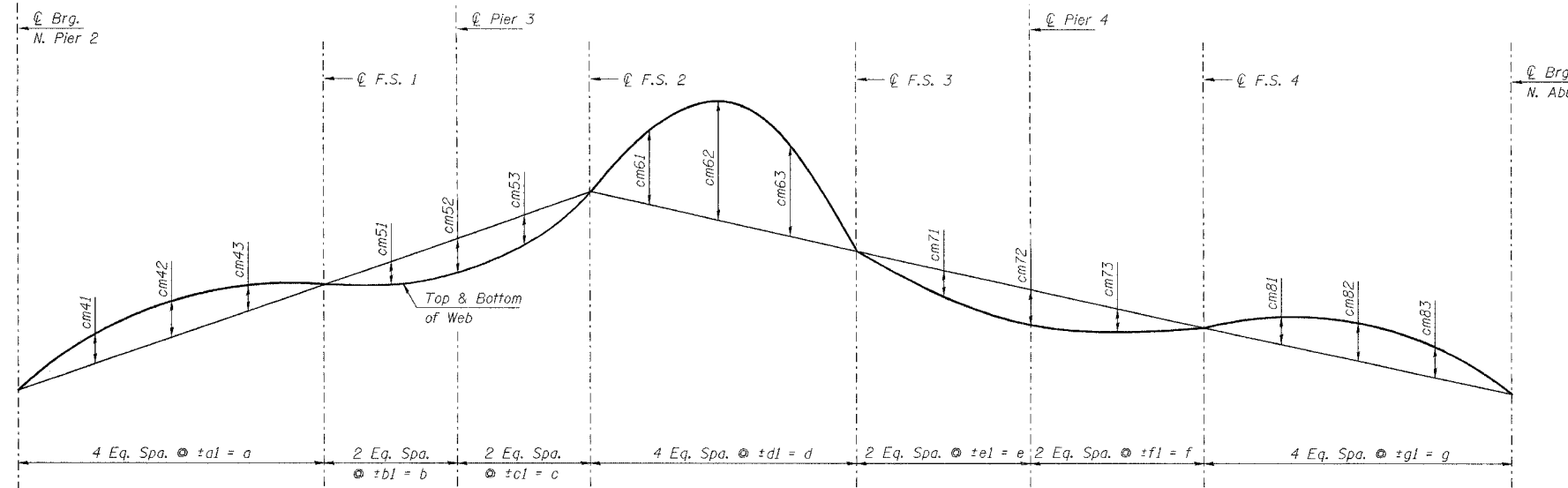


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 28 42 SHEETS
F. A. I. 80/94	*	COOK	90	43	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			
				CONTRACT NO. 62898	



CAMBER DIAGRAM- GIRDERS 1 THRU 12 EXCEPT 3, 9 & 5
(For dimensions a, b, c, d, e, f, g see Sheet No. 17 of 42.)

CAMBER VALUES

Girder	cm41	cm42	cm43	cm51	cm52	cm53	cm61	cm62	cm63	cm71	cm72	cm73	cm81	cm82	cm83
1	18	25	18	14	20	14	96	128	94	13	20	13	21	30	22
2	18	26	18	12	18	13	92	126	93	13	20	13	22	34	25
4	19	28	19	13	19	13	95	130	96	12	18	13	17	27	19
6	19	27	19	16	23	16	96	131	96	13	20	14	16	24	18
7	20	28	19	16	23	16	89	122	88	14	22	15	19	28	21
8	18	27	19	13	19	13	78	107	78	14	21	15	22	33	24
10	20	29	21	12	19	13	77	106	77	13	20	14	23	33	24
11	21	29	20	15	23	16	76	103	74	15	22	15	23	33	24
12	19	27	19	14	21	14	66	89	64	14	21	15	20	30	22

CAMBER SPACING (Meters)

Girder	a1	b1	c1	d1	e1	f1	g1
1	7.595	5.681	5.804	8.638	5.239	5.704	7.747
2	7.595	5.681	5.804	8.639	5.241	5.706	7.750
4	7.670	5.737	5.861	8.687	5.246	5.702	7.725
6	7.670	5.737	5.861	8.730	5.300	5.771	7.840
7	7.670	5.737	5.861	8.739	5.312	5.787	7.868
8	7.670	5.737	5.861	8.740	5.312	5.788	7.869
10	7.754	5.800	5.925	8.795	5.318	5.781	7.832
11	7.754	5.800	5.925	8.797	5.321	5.785	7.838
12	7.754	5.800	5.925	8.799	5.323	5.788	7.843

TOP OF WEB ELEVATIONS FOR FABRICATION (Meters)

(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	℄ Brg. N. Abut.
1	186.874	187.114	187.172	187.273	186.953	186.805	186.686	186.370
2	186.908	187.088	187.120	187.189	186.872	186.725	186.606	186.285
4	186.973	187.056	187.067	187.115	186.813	186.663	186.537	186.197
6	186.949	186.926	186.904	186.930	186.660	186.520	186.411	186.144
7	186.936	186.859	186.815	186.817	186.551	186.421	186.326	186.073
8	186.926	186.796	186.729	186.698	186.419	186.296	186.207	185.946
10	186.918	186.716	186.634	186.588	186.322	186.200	186.109	185.819
11	186.918	186.655	186.553	186.497	186.201	186.074	185.981	185.896
12	186.921	186.597	186.476	186.396	186.075	185.948	185.854	185.572

BEARING SEAT ELEVATIONS (Meters)

Girder	℄ N. Brg. Pier 2	℄ Pier 3	℄ Pier 4	℄ Brg. N. Abut.
1	184.861	185.081	184.647	184.346
2	184.895	185.032	184.567	184.261
4	184.960	184.979	184.507	184.173
6	184.936	184.816	184.364	184.120
7	184.905	184.727	184.265	184.049
8	184.905	184.641	184.140	183.922
10	184.905	184.543	184.044	183.795
11	184.905	184.462	183.918	183.672
12	184.905	184.385	183.792	183.548

Notes:

1. Work this Sheet with Sheets Nos. 17, 20, 22 & 24 of 42.

2. All dimensions are in millimeters (mm) except as noted.

DESIGNED	PJE/TL
CHECKED	MA
DRAWN	LK
CHECKED	MA

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ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
CAMBER AND TOP OF WEB ELEVATIONS-1
SPANS 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