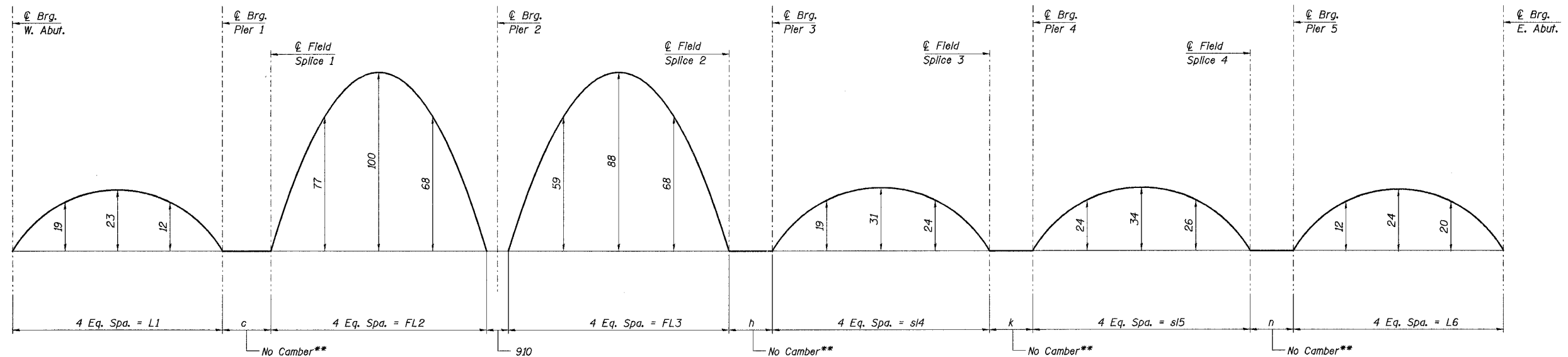


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F. A. I. 80/94	SECTION *	COUNTY COOK	TOTAL SHEETS 90	SHEET NO. 72	SHEET NO. 15 21 SHEETS
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT-		CONTRACT NO. 62898
* 2004-133F					



CAMBER DIAGRAM

(For Dimensions c, h, L1, FL2, FL3, see Sheet 10 of 21. For Dimensions k, n, L6, see Sheet 11 of 21.)
**Computed cambers are no greater than 7mm in regions denoted "No Camber".

TOP OF WEB ELEVATIONS FOR FABRICATION (Meters)

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

Girder	☉ Brg. W. Abut.	☉ Brg. Pier 1	☉ Splice 1	D.S. Interface*	U.S. Interface*	☉ Splice 2	☉ Brg. Pier 3	☉ Splice 3	☉ Brg. Pier 4	☉ Splice 4	☉ Brg. Pier 5	☉ Brg. E. Abut.
1	184.930	184.882	184.870	184.695	184.691	184.581	184.553	184.401	184.377	184.240	184.210	184.094
2	185.091	185.043	185.031	184.856	184.852	184.743	184.715	184.563	184.538	184.401	184.371	184.255
3	185.252	185.203	185.193	185.017	185.013	184.904	184.876	184.724	184.699	184.562	184.531	184.416
4	185.412	185.364	185.354	185.178	185.174	185.066	185.037	184.885	184.860	184.723	184.692	184.577
5	185.573	185.525	185.514	185.339	185.334	185.226	185.198	185.045	185.021	184.884	184.853	184.738
6	185.734	185.686	185.675	185.500	185.495	185.386	185.358	185.206	185.182	185.045	185.014	184.898

* Girder top of web elevations are given at the intersection of the respective girder ☉ and the outer face of the upstation (U.S.) or downstation (D.S.) box beam web at Pier 2.

BEARING SEAT ELEVATIONS (Meters)

(For all bearings except at Pier 2)

Girder	☉ Brg. W. Abut.	☉ Pier 1	☉ Pier 3	☉ Pier 4	☉ Pier 5	☉ Brg. E. Abut.
1	183.647	183.539	183.245	183.074	182.867	182.806
2	183.808	183.700	183.407	183.235	183.028	182.967
3	183.969	183.860	183.568	183.396	183.188	183.128
4	184.129	184.021	183.729	183.557	183.349	183.289
5	184.290	184.182	183.890	183.718	183.510	183.450
6	184.451	184.343	184.050	183.879	183.671	183.610

GIRDER DIMENSIONS (Meters)

Girder	s/4	s/5
1	29.690	27.663
2	29.834	27.797
3	29.978	27.931
4	30.122	28.065
5	30.266	28.199
6	30.410	28.333

PIER 2 BEARING SEAT ELEVATIONS (Meters)

Column	☉ Pier 2
North	183.047
Center	183.550
South	184.445

Notes:

- All dimensions are in millimeters (mm) except as noted.
- Work this sheet with Sheets 10, 11, 13, 16 & 18-20 of 21.

DESIGNED	PJE
CHECKED	TRL
DRAWN	LK
CHECKED	TRL

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ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
CAMBER AND TOP OF WEB ELEVATIONS
EB I-94 OVER THORN CREEK
F.A.I. 94 SECTION 2004-133F
COOK COUNTY
STA. 20+509.000 STRUCTURE NO. 016-2807
DATE 05/16/05
SCALE ---

HNTB