



CAMBER DIAGRAM - UNIT IV

TOP OF WEB ELEVATIONS* - UNIT IV					
Girder	☉ N. Brg. Pier 6	☉ Splice 4-1	☉ Pier 7	☉ Splice 4-2	☉ E. Brg. Pier 8
1	632.10	635.14	636.09	636.68	635.29
2	631.66	634.69	635.65	636.23	634.85
3	631.22	634.24	635.21	635.78	634.41
4	630.82	633.85	634.81	635.40	634.01
5	630.38	633.41	634.37	634.95	633.57
6	629.94	632.96	633.93	634.50	633.13

*For fabrication use only.

CAMBER ORDINATES - UNIT IV													
Girder	A1	A2	A3	B1	B2	B3	C1	C2	C3	①	②	③	④
1	3 1/4"	4 3/4"	4"	2"	2 1/4"	2"	7 1/2"	9 1/2"	6 3/4"	33.484	31.134	31.134	33.483
2	3"	4 1/2"	4"	2"	2 1/4"	2"	7 1/4"	9 1/4"	6 1/2"	32.990	30.681	30.681	32.990
3	3"	4 1/4"	3 3/4"	2 1/4"	2 1/4"	2 1/4"	7 1/4"	9"	6 1/4"	32.497	30.227	30.227	32.497
4	2 3/4"	4"	3 1/2"	2"	2 1/4"	2"	7"	8 3/4"	6 1/4"	32.003	29.773	29.773	32.003
5	2 3/4"	4"	3 1/2"	2"	2 1/4"	2"	7"	8 1/2"	6"	31.510	29.319	29.319	31.510
6	2 1/2"	3 3/4"	3 1/4"	2"	2 1/4"	2"	6 3/4"	8 1/2"	6"	31.016	28.866	28.866	31.016

NOTES:

1. See Sheet S-87 for girder framing plan.
2. See Sheet S-88 for girder elevations.
3. See Sheet S-90 for girder moment & reaction tables.
4. See Sheet S-99 for girder splice details.
5. See Sheet S-100 thru S-102 for girder cross frame details and erection notes.

0161705-60W28-5089-GirderCamber.dgn



USER NAME = floresg	DESIGNED - VP	REVISED
	CHECKED - DD	REVISED
PLOT SCALE = N.T.S.	DRAWN - MRK	REVISED
PLOT DATE = 5/7/2014	CHECKED - ATB	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GIRDER CAMBER AND TOP OF WEB ELEVATIONS - UNIT IV
STRUCTURE NO. 016-1705**

SHEET NO. S-89 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	405
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	