



CAMBER DIAGRAM - STR. NO. 016-1705 - UNIT VI

TOP OF WEB ELEV * (in feet) - UNIT VI								
Girder	℄ W. Brg. Pier 10	℄ Splice 6-1	℄ Pier 11	℄ Splice 6-2	℄ Splice 6-3	℄ Pier 12	℄ Splice 6-4	℄ Brg. W. Abut.
1	622.50	616.93	615.13	613.26	608.33	606.47	604.60	599.66
2	622.40	617.09	615.29	613.43	608.49	606.62	604.75	599.73
3	622.30	617.26	615.46	613.59	608.66	606.79	604.92	599.90
4	622.21	617.42	615.62	613.75	608.82	606.95	605.08	600.06
5	622.11	617.58	615.78	613.92	608.98	607.11	605.24	600.22
6	622.02	617.75	615.95	614.08	609.15	607.27	605.39	600.29

*For fabrication use only.

Girder	①	②	③	④	⑤	⑥	⑦
1	17.500	26.000	27.000	17.750	27.000	27.017	18.278
2	17.500	26.000	27.000	17.750	27.000	27.000	18.250
3	17.500	26.000	27.000	17.750	27.000	27.000	18.250
4	17.500	26.000	27.000	17.750	27.000	27.000	18.250
5	17.500	26.000	27.000	17.750	27.000	27.000	18.250
6	17.500	26.000	27.000	17.750	27.000	27.017	18.278

CAMBER ORDINATES - UNIT VI									
Girder	A1	A2	A3	B1	B2	B3	C1	C2	C3
1	0 3/4"	1"	0 3/4"	1 3/4"	2 1/4"	1 3/4"	1 3/4"	1 3/4"	1 1/4"
2	0 3/4"	1 1/4"	1"	1 3/4"	2 1/4"	1 3/4"	1 3/4"	1 3/4"	1 1/4"
3	1"	1 1/2"	1 1/2"	1 3/4"	2 1/4"	1 3/4"	1 3/4"	1 3/4"	1 1/4"
4	1"	1 3/4"	1 3/4"	1 3/4"	2 1/4"	1 3/4"	1 3/4"	1 3/4"	1 1/4"
5	1 1/4"	2"	2"	1 3/4"	2 1/4"	1 3/4"	1 3/4"	1 3/4"	1 1/4"
6	1 1/4"	2 1/4"	2 1/2"	1 3/4"	2 1/4"	1 3/4"	1 3/4"	1 3/4"	1 1/4"

NOTES:

1. See Sheet S-95 for girder framing plan.
2. See Sheet S-96 for girder elevations.
3. See Sheet S-98 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.

0161705-60W28-5097-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 VI
STRUCTURE NO. 016-1705**

SHEET NO. S-97 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	413
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	