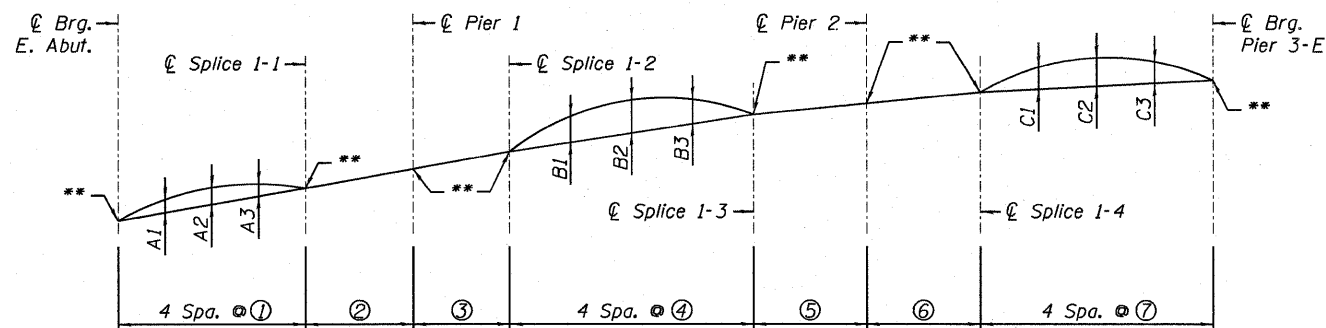


**CAMBER DIAGRAM - S.N. 082-0323 (GIRDERS 1 THRU 6)**

\*\* See Table 1 for top of web elevations

CAMBER ORDINATES - S.N. 082-0323 (GIRDERS 1 THRU 6)																			
Girder	A1	A2	A3	B1	B2	B3	C1	C2	C3	D1	D2	D3	①	②	③	④	⑤	⑥	⑦
1	3/4"	1/2"	1 3/4"	4 1/4"	5 1/4"	4 1/4"	1 1/4"	1 1/4"	1 1/4"	3 1/2"	4"	2 3/4"	20'-7 3/16"	47'-4 5/16"	42'-4 1/2"	26'-9 9/16"	24'-11 1/8"	24'-11 1/8"	25'-6 9/16"
2	3/4"	1/2"	1 3/4"	4 1/4"	5 1/4"	4 1/2"	1 1/4"	1 1/4"	1 1/4"	3 1/2"	4"	2 3/4"	20'-7 7/16"	47'-5 13/16"	42'-5 13/16"	26'-10 3/8"	24'-11 7/8"	24'-11 7/8"	25'-7 3/8"
3	3/4"	1/2"	1 3/4"	4 1/4"	5 1/4"	4 1/2"	1 1/4"	1 1/4"	1 1/4"	3 3/4"	4"	2 3/4"	20'-7 3/4"	47'-7 1/4"	42'-7 1/8"	26'-11 3/16"	25'-0 11/16"	25'-0 11/16"	25'-8 3/16"
4	3/4"	1/2"	1 3/4"	4 1/4"	5 1/4"	4 1/2"	1 1/4"	1 1/4"	1 1/4"	3 3/4"	4"	2 3/4"	20'-8 1/16"	47'-8 3/4"	42'-8 7/16"	27'-0 1/16"	25'-1 1/16"	25'-1 1/16"	25'-9"
5	3/4"	1/2"	1 3/4"	4 1/4"	5 1/2"	4 1/2"	1 1/4"	1"	1 1/4"	3 3/4"	4"	2 3/4"	20'-8 3/8"	47'-10 3/16"	42'-9 3/4"	27'-0 7/8"	25'-2 3/16"	25'-2 3/16"	25'-9 13/16"
6	3/4"	1/2"	1 3/4"	4 1/2"	5 1/2"	4 1/2"	1"	1"	1"	3 3/4"	4 1/4"	3"	20'-8 1/16"	47'-11 1/16"	42'-11 1/16"	27'-1 1/16"	25'-3"	25'-3"	25'-10 5/8"



**CAMBER DIAGRAM - S.N. 082-0325 - UNIT 1 (GIRDERS 1A THRU 6A)**

\*\* See Table 2 for top of web elevations

TABLE 1 - TOP OF WEB ELEV * (in feet) - S.N. 082-0323 (GIRDERS 1 THRU 6)								
Girder	E. Abut.	Splice 4-1	Pier 1	Splice 4-2	Splice 4-3	Pier 2	Splice 4-4	Pier 3-E
1	450.61	453.79	455.73	457.50	461.31	462.53	463.55	464.76
2	450.87	454.05	455.98	457.76	461.57	462.79	463.81	465.01
3	451.12	454.30	456.24	458.02	461.83	463.04	464.06	465.27
4	451.38	454.56	456.50	458.28	462.09	463.30	464.32	465.53
5	451.64	454.81	456.75	458.54	462.35	463.56	464.58	465.78
6	451.89	455.07	457.01	458.81	462.61	463.81	464.84	466.02

\* Top of web elevations are for fabrication only

TABLE 2 - TOP OF WEB ELEV * (in feet) - S.N. 082-0325 - UNIT 1 (GIRDERS 1A THRU 6A)								
Girder	E. Abut.	Splice 1-1	Pier 1	Splice 1-2	Splice 1-3	Pier 2	Splice 1-4	Pier 3-E
1A	417.91	421.57	423.78	425.66	430.19	433.05	435.49	441.90
2A	417.85	421.38	423.51	425.32	429.86	432.72	435.14	441.57
3A	417.78	421.18	423.23	424.99	429.52	432.39	434.80	441.24
4A	417.72	420.99	422.96	424.65	429.19	432.05	434.45	440.90
5A	417.66	420.79	422.69	424.32	428.86	431.72	434.11	440.57
6A	417.60	420.60	422.42	423.99	428.53	431.39	433.77	440.24

\* Top of web elevations are for fabrication only

CAMBER ORDINATES - S.N. 082-0325 - UNIT 1 (GIRDERS 1A THRU 6A)																
Girder	A1	A2	A3	B1	B2	B3	C1	C2	C3	①	②	③	④	⑤	⑥	⑦
1A	3/4"	1 1/4"	1 1/2"	2 1/4"	2 1/2"	2 1/4"	3 1/4"	3 1/2"	2 1/4"	17'-6 3/4"	40'-1 3/16"	35'-2 1/16"	21'-10 5/16"	55'-3 1/4"	45'-2 5/8"	31'-0 5/16"
2A	3/4"	1 1/4"	1 1/2"	2 1/4"	2 1/2"	2 1/4"	3"	3 1/4"	2 1/4"	17'-6 3/4"	40'-0"	35'-0 1/16"	21'-9 1/16"	55'-0 1/8"	45'-0 1/8"	30'-10 9/16"
3A	3/4"	1 1/4"	1 1/2"	2 1/4"	2 1/2"	2 1/4"	3"	3"	2"	17'-6 3/4"	39'-10 7/8"	34'-10 1/8"	21'-7 13/16"	54'-9"	44'-9 9/16"	30'-8 13/16"
4A	1/2"	1 1/4"	1 1/2"	2 1/4"	2 1/4"	2 1/4"	2 3/4"	3"	2"	17'-6 3/4"	39'-9 1/16"	34'-8 1/8"	21'-6 9/16"	54'-5 7/8"	44'-7"	30'-7"
5A	3/4"	1 1/4"	1 1/2"	2 1/4"	2 1/4"	2 1/4"	2 3/4"	2 3/4"	1 3/4"	17'-6 3/4"	39'-8 1/2"	34'-6 1/8"	21'-5 3/8"	54'-2 3/4"	44'-4 7/16"	30'-5 1/4"
6A	3/4"	1 1/4"	1 1/2"	2 1/4"	2 1/4"	2 1/4"	2 1/2"	2 1/2"	1 3/4"	17'-6 3/4"	39'-7 5/16"	34'-4 1/8"	21'-4 1/8"	53'-11 1/16"	44'-1 7/8"	30'-3 1/2"

Notes:

1. See Sheets S-64 thru S-68 for girder framing plans.
2. See Sheets S-69 thru S-74 for girder elevations.
3. See Sheets S-78 thru S-80 for girder moment & reaction tables.
4. See Sheet S-81 for girder bolted field splice details.
5. See Sheet S-82 for girder cross frame details and erection notes.



USER NAME = bhettA  
 DESIGNED - DD  
 DRAWN - DD  
 CHECKED - CHY  
 DATE - 03/18/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GIRDER CAMBER & TOP OF WEB ELEVATIONS I  
 I-70W OVER I-55, CSX & KCS RAILROADS

SCALE: NONE SHEET NO. S-75 OF S-138 SHEETS STA. TO STA.

F.A.I. RTE. 70	SECTION 82-1-B-1	COUNTY ST. CLAIR	TOTAL SHEETS 319	SHEET NO. 190
S.N. 082-0323 & S.N. 082-0325		CONTRACT NO. 76C75		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

P:\668046689\900\_CAD\901\_Draining\76C75\Master\_Consolidated\Structure\1982-0323\Sheet\5075\_082-0323\_76C75\_CamberDist.dgn