



**CAMBER DIAGRAM - S.N. 082-0324**

TOP OF WEB CAMBER\* - STR. NO. 082-0324

Girder	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	1 3/4"	2 3/4"	2 1/4"	3/4"	3/4"	3/4"	2"	2 1/2"	2 1/4"	3/4"	3/4"	3/4"	2 1/2"	3"	2 3/4"	0"	0"	0"
2	1 3/4"	2 1/2"	2 1/4"	3/4"	3/4"	3/4"	2"	2 1/2"	2 1/4"	3/4"	3/4"	3/4"	2 1/2"	2 3/4"	2 3/4"	0"	0"	0"
3	1 3/4"	2 1/2"	2 1/4"	0"	0"	0"	2"	2 1/2"	2 1/4"	3/4"	3/4"	3/4"	2 1/4"	2 3/4"	2 1/2"	0"	0"	0"
4	1 3/4"	2 3/4"	2 1/4"	0"	0"	0"	2"	2 1/2"	2 1/4"	3/4"	3/4"	3/4"	2 1/4"	2 1/2"	2 1/2"	0"	0"	0"
5	1 3/4"	2 3/4"	2 1/4"	0"	0"	0"	2"	2 1/2"	2 1/4"	3/4"	1"	3/4"	2 1/4"	2 1/2"	2 1/4"	0"	0"	0"

  

Girder	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG
1	2 1/2"	3"	2 3/4"	0"	0"	0"	2 3/4"	3"	2 3/4"	0"	0"	0"	2"	1 3/4"	3/4"
2	2 1/2"	2 3/4"	2 1/2"	0"	0"	0"	2 1/2"	2 3/4"	2 1/2"	0"	0"	0"	1 3/4"	1 1/2"	1/2"
3	2 1/2"	2 1/2"	2 1/4"	0"	0"	0"	2 1/2"	2 3/4"	2 1/4"	0"	0"	0"	1 1/2"	1 1/4"	1/2"
4	2 1/4"	2 1/4"	2"	0"	0"	0"	2 1/2"	2 3/4"	2 1/4"	3/4"	1/2"	1/4"	1 1/2"	1 1/4"	1/2"
5	2"	2 1/4"	1 3/4"	0"	0"	0"	2 1/2"	2 3/4"	2 1/4"	1"	3/4"	1/2"	1 1/2"	1 1/4"	1/2"

\*For fabrication use only.

TOP OF WEB ELEVATIONS\* - STR. NO. 082-0324

Girder	Q Brg. Pier 1	Q Spl. 1	Q Brg. Pier 2	Q Spl. 2A	Q Spl. 2B	Q Brg. Pier 3	Q Spl. 3A	Q Spl. 3B	Q Brg. Pier 4
1	459.78	457.89	457.02	455.77	452.41	450.62	448.36	442.77	440.16
2	459.56	457.48	456.59	455.33	451.98	450.18	447.92	442.33	439.73
3	459.33	457.07	456.11	454.90	451.54	449.74	447.48	441.90	439.30
4	459.12	456.66	455.69	454.46	451.11	449.31	447.04	441.46	438.86
5	458.95	456.25	455.27	454.03	450.68	448.89	446.59	441.02	438.43

  

Girder	Q Spl. 4A	Q Spl. 4B	Q Brg. Pier 5	Q Spl. 5A	Q Spl. 5B	Q Brg. Pier 6	Q Spl. 6	Q Brg. E. Abut.
1	437.56	432.03	429.37	436.72	420.81	418.17	416.12	410.04
2	437.13	431.61	429.06	426.52	420.89	418.29	416.26	410.16
3	436.70	431.19	428.76	426.32	420.95	418.39	416.40	410.27
4	436.27	430.76	428.44	426.13	420.99	418.52	416.52	410.39
5	435.84	430.34	428.14	425.93	421.03	418.62	416.63	410.51

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Girder	4 Spaces	2 Spaces	2 Spaces	4 Spaces	2 Spaces	2 Spaces	4 Spaces	2 Spaces	2 Spaces	4 Spaces	2 Spaces	2 Spaces	4 Spaces	2 Spaces	2 Spaces	4 Spaces
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	23'-2 1/8"	15'-0 15/16"	19'-1 3/8"	20'-7 1/4"	19'-1 3/8"	22'-7 3/8"	24'-4 1/2"	22'-7 3/8"	22'-7 3/8"	24'-4 1/2"	22'-7 3/8"	22'-6 1/8"	25'-0"	22'-6"	17'-6"	27'-6"
2	23'-1 3/8"	14'-11 13/16"	18'-11 3/4"	20'-5 3/4"	18'-11 3/4"	22'-5 3/4"	24'-2 1/16"	22'-5 3/4"	22'-5 3/4"	24'-2 1/16"	22'-5 3/4"	22'-6"	25'-0"	22'-6"	17'-6"	27'-6"
3	23'-0 5/8"	14'-10 11/16"	18'-10 3/8"	20'-4 1/4"	18'-10 3/8"	22'-4 1/8"	24'-0 15/16"	22'-4 1/8"	22'-4 1/8"	24'-0 15/16"	22'-4 1/8"	22'-5 7/8"	25'-0"	22'-6"	17'-6"	27'-6"
4	22'-11 13/16"	14'-9 5/8"	18'-9"	20'-2 3/4"	18'-9"	22'-2 7/16"	23'-11 1/8"	22'-2 7/16"	22'-2 7/16"	23'-11 1/8"	22'-2 7/16"	22'-5 13/16"	25'-0"	22'-6"	17'-6"	27'-6"
5	22'-11 1/16"	14'-8 1/2"	18'-7 9/16"	20'-1 13/16"	18'-7 9/16"	22'-0 3/4"	23'-9 5/16"	22'-0 3/4"	22'-0 3/4"	23'-9 5/16"	22'-0 3/4"	22'-5 11/16"	25'-0"	22'-6"	17'-6"	27'-6"

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USER NAME =  
 DESIGNED - PUL  
 DRAWN - BRD  
 CHECKED - CHY  
 PLOT DATE = 6/30/2011

REVISOR -  
 REVISION -  
 REVISION -  
 REVISION -  
 DATE - 07-01-11

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GIRDER CAMBER & TOP OF WEB ELEVATIONS - S.N. 082-0324  
 I-70E OVER I-55, CSX & KCS RAILROADS

SCALE: SHEET S-124 OF S-234 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-2	ST. CLAIR	399	251
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		