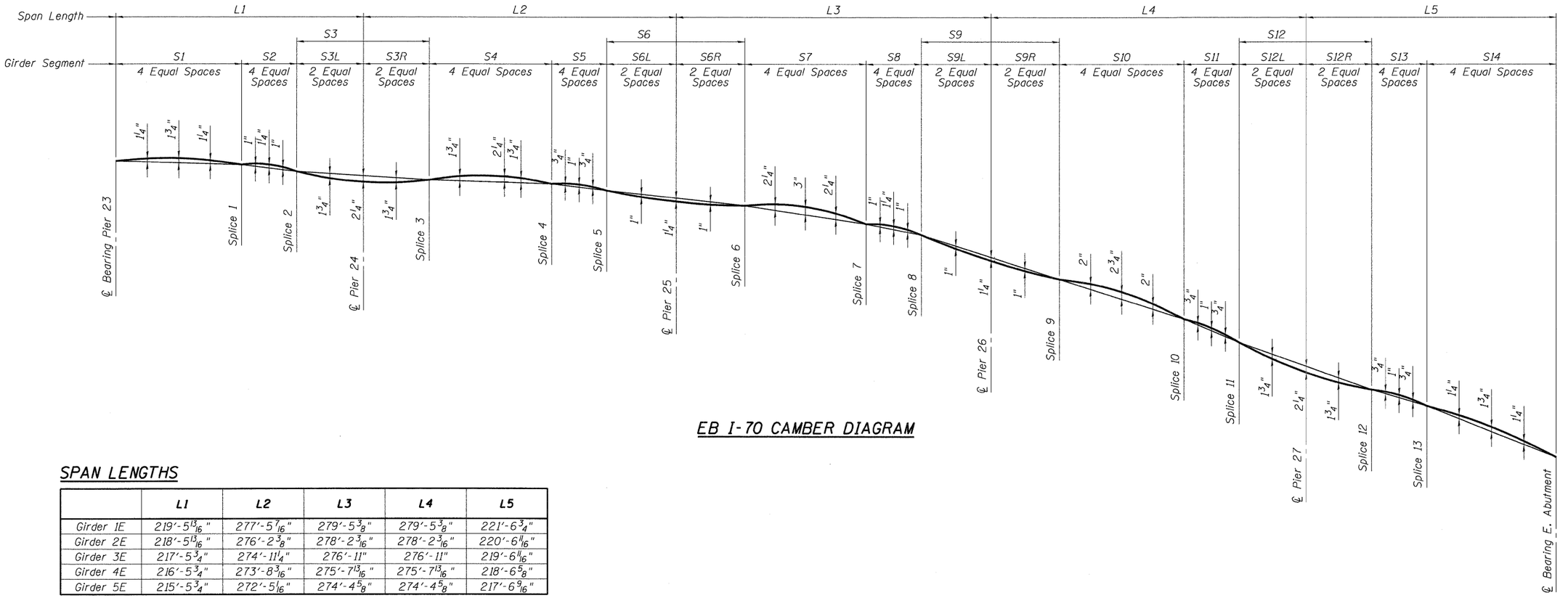

EB I-70 CAMBER DIAGRAM

SPAN LENGTHS

	L1	L2	L3	L4	L5
Girder 1E	219'-5 13/16"	277'-5 7/16"	279'-5 3/8"	279'-5 3/8"	221'-6 3/4"
Girder 2E	218'-5 13/16"	276'-2 3/8"	278'-2 3/16"	278'-2 3/16"	220'-6 11/16"
Girder 3E	217'-5 3/4"	274'-11 1/4"	276'-11"	276'-11"	219'-6 11/16"
Girder 4E	216'-5 3/4"	273'-8 3/16"	275'-7 13/16"	275'-7 13/16"	218'-6 5/8"
Girder 5E	215'-5 3/4"	272'-5 1/16"	274'-4 5/8"	274'-4 5/8"	217'-6 9/16"

GIRDER SEGMENT LENGTHS

	S1	S2	S3	S3L	S3R	S4	S5	S6	S6L	S6R	S7	S8	S9	S9L	S9R	S10	S11	S12	S12L	S12R	S13	S14
Girder 1E	111'-6 3/4"	48'-9 11/16"	117'-6 1/2"	59'-1 3/8"	58'-5 1/8"	108'-6 7/8"	48'-9 11/16"	122'-6 1/4"	61'-7 11/16"	60'-10 9/16"	107'-9 1/16"	48'-9 11/16"	122'-6 1/4"	62'-0 1/8"	60'-6 1/8"	110'-6 13/16"	48'-9 11/16"	117'-6 1/2"	59'-6 3/4"	57'-11 3/4"	48'-9 11/16"	114'-9 5/16"
Girder 2E	111'-0 5/8"	48'-7 1/16"	117'-0 1/16"	58'-10 1/8"	58'-2"	108'-1"	48'-7 1/16"	121'-11 9/16"	61'-4 5/16"	60'-7 1/4"	107'-3 3/16"	48'-7 1/16"	121'-11 9/16"	61'-8 11/16"	60'-2 7/8"	110'-0 13/16"	48'-7 1/16"	117'-0 1/16"	59'-3 1/2"	57'-8 5/8"	48'-7 1/16"	114'-3 1/16"
Girder 3E	110'-6 1/2"	48'-4 3/8"	116'-5 11/16"	58'-6 7/8"	57'-10 13/16"	107'-7 1/16"	48'-4 3/8"	121'-4 15/16"	61'-1"	60'-3 15/16"	106'-9 5/16"	48'-4 3/8"	121'-4 15/16"	61'-5 5/16"	59'-11 9/16"	109'-6 3/4"	48'-4 3/8"	116'-5 11/16"	59'-0 1/4"	57'-5 7/16"	48'-4 3/8"	113'-8 13/16"
Girder 4E	110'-0 3/8"	48'-1 3/4"	115'-11 5/16"	58'-3 11/16"	57'-7 5/8"	107'-1 3/16"	48'-1 3/4"	120'-10 1/4"	60'-9 5/8"	60'-0 5/8"	106'-3 1/2"	48'-1 3/4"	120'-10 1/4"	61'-1 5/16"	59'-8 5/16"	109'-0 3/4"	48'-1 3/4"	115'-11 5/16"	58'-9"	57'-2 5/16"	48'-1 3/4"	113'-2 9/16"
Girder 5E	109'-6 1/4"	47'-11 1/16"	115'-4 7/8"	58'-0 7/16"	57'-4 7/16"	106'-7 1/4"	47'-11 1/16"	120'-3 9/16"	60'-6 1/4"	59'-9 5/16"	105'-9 5/8"	47'-11 1/16"	120'-3 9/16"	60'-10 9/16"	59'-5"	108'-6 3/4"	47'-11 1/16"	115'-4 7/8"	58'-5 3/4"	56'-11 1/8"	47'-11 1/16"	112'-8 5/16"

TOP OF WEB ELEVATIONS (For fabrication only)

	*℄ Brg. Pier 23	Splice 1	Splice 2	℄ Brg. Pier 24	Splice 3	Splice 4	Splice 5	℄ Brg. Pier 25	Splice 6	Splice 7	Splice 8	℄ Brg. Pier 26	Splice 9	Splice 10	Splice 11	℄ Brg. Pier 27	Splice 12	Splice 13	*℄ Brg. E. Abut.
Girder 1E	465.03	464.79	464.28	463.78	463.66	463.38	462.87	462.21	461.76	460.41	459.21	457.64	456.32	453.37	451.65	449.69	448.16	446.97	443.18
Girder 2E	464.56	464.29	463.81	463.31	463.20	462.90	462.41	461.74	461.29	459.92	458.74	457.17	455.85	452.89	451.18	449.22	447.69	446.47	442.71
Girder 3E	464.08	463.79	463.32	462.84	462.73	462.43	461.94	461.27	460.81	459.43	458.26	456.70	455.38	452.41	450.72	448.75	447.20	445.97	442.23
Girder 4E	463.60	463.29	462.83	462.36	462.26	461.95	461.46	460.79	460.32	458.93	457.78	456.22	454.91	451.94	450.24	448.27	446.71	445.47	441.75
Girder 5E	463.13	462.79	462.34	461.88	461.78	461.47	460.99	460.31	459.84	458.44	457.29	455.74	454.43	451.46	449.77	447.79	446.22	444.96	441.28

* Top of web elevations at Pier 23 and East Abutment are top of web before girder is coped.

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED - JLR	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION** I-70 CONNECTION OVER NS, TRRA, MCT AND INDUSTRIAL DR.
		DRAWN - JLR	REVISED -	
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - TCU	REVISED -	
	PLOT DATE = $DATE$	DATE - 06/04/10	REVISED -	

GIRDER CAMBER DIAGRAM EB I-70

SCALE: | SHEET NO. S-58 OF S-111 | STA. 134+22.00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB	ST. CLAIR	285	168
SN 082-0318 (EB) & 0319 (WB)		CONTRACT NO. 76C44		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		