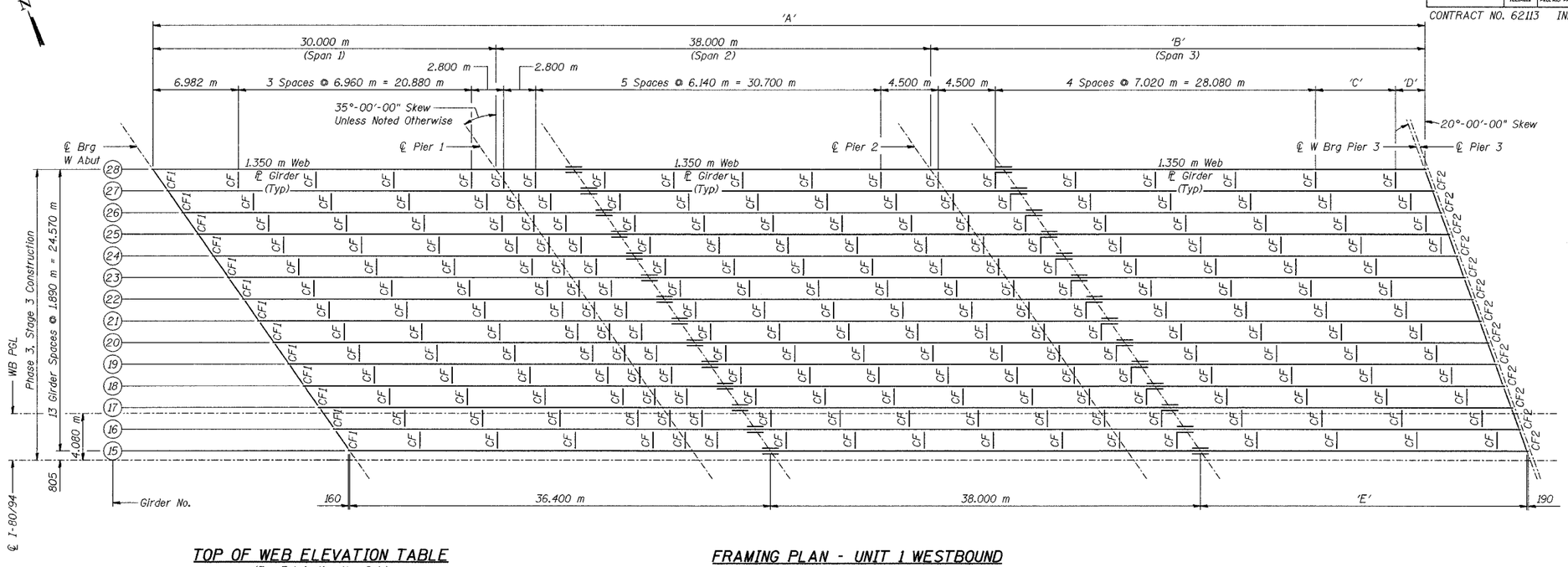
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	266
		ILLINOIS FED. AID PROJECT-		

SHEET NO. S-34
72 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987



TOP OF WEB ELEVATION TABLE

(For Fabrication Use Only)

Girder	℄ Brg W Abut	℄ Pier 1	℄ Field Splice 1	℄ Pier 2	℄ Field Splice 2	℄ Brg Pier 3
28	191.052	191.303	191.360	191.514	191.546	191.622
27	191.114	191.361	191.417	191.565	191.596	191.669
26	191.175	191.418	191.473	191.616	191.646	191.716
25	191.236	191.476	191.530	191.667	191.695	191.762
24	191.297	191.533	191.587	191.718	191.745	191.809
23	191.357	191.590	191.643	191.768	191.794	191.856
22	191.418	191.647	191.699	191.818	191.843	191.903
21	191.478	191.704	191.755	191.869	191.892	191.949
20	191.538	191.760	191.811	191.919	191.941	191.996
19	191.598	191.817	191.866	191.969	191.990	192.042
18	191.657	191.873	191.922	192.019	192.039	192.089
17	191.717	191.929	191.977	192.069	192.088	192.135
16	191.776	191.984	192.032	192.118	192.136	192.182
15	191.836	192.040	192.086	192.168	192.184	192.228

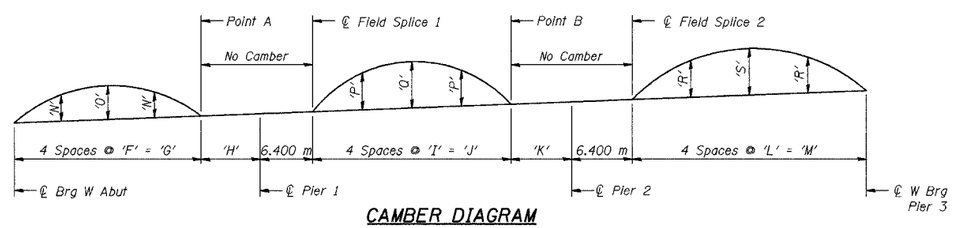
VARIABLE DIMENSION TABLE

(Dimensions in meters)

GIRDER	'A'	'B'	'C'	'D'	'E'
28	111.213	43.213	7.020	2.951	36.813
27	110.577	42.577	7.020	2.316	36.177
26	109.942	41.942	7.020	1.680	35.542
25	109.306	41.306	7.020	1.045	34.906
24	108.671	40.671	7.429	-	34.271
23	108.035	40.035	6.794	-	33.635
22	107.400	39.400	6.158	-	33.000
21	106.764	38.764	5.523	-	32.364
20	106.129	38.129	4.887	-	31.729
19	105.493	37.493	4.251	-	31.093
18	104.858	36.858	3.616	-	30.458
17	104.222	36.222	2.980	-	29.822
16	103.587	35.587	2.345	-	29.187
15	102.951	34.951	-	-	28.551

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

FRAMING PLAN - UNIT 1 WESTBOUND



CAMBER DIAGRAM

Upward Camber Is Positive

CAMBER DIMENSION TABLE

Girder	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'	'N'	'O'	'P'	'Q'	'R'	'S'
28	±5.918	23.670	6.330	±4.458	17.830	13.770	±9.203	36.813	30	46	28	35	85	120
27	5.900	23.600	6.400	±4.525	18.100	13.500	±9.044	36.177	29	46	29	36	81	115
26	±5.883	23.530	6.470	±4.593	18.370	13.230	±8.886	35.542	29	45	30	37	77	110
25	5.865	23.460	6.540	4.660	18.640	12.960	±8.727	34.906	29	45	30	39	73	104
24	5.850	23.400	6.600	±4.728	18.910	12.690	±8.568	34.271	29	44	31	40	69	99
23	±5.833	23.330	6.670	±4.795	19.180	12.420	8.409	33.635	28	44	32	42	65	94
22	5.815	23.260	6.740	4.863	19.450	12.150	8.250	33.000	28	43	33	43	61	89
21	±5.798	23.190	6.810	±4.930	19.720	11.880	±8.091	32.364	28	43	34	44	58	85
20	5.780	23.120	6.880	±4.998	19.990	11.610	±7.932	31.729	28	43	34	46	55	81
19	±5.763	23.050	6.950	5.065	20.260	11.340	±7.773	31.093	27	42	35	47	53	78
18	±5.748	22.990	7.010	±5.133	20.530	11.070	±7.615	30.458	27	42	36	48	50	74
17	5.730	22.920	7.080	±5.200	20.800	10.800	±7.456	29.822	27	41	36	50	47	71
16	±5.713	22.850	7.150	5.268	21.070	10.530	±7.297	29.187	27	41	37	51	45	67
15	5.695	22.780	7.220	±5.335	21.340	10.260	7.138	28.551	26	40	38	52	42	64

FOR INFORMATION ONLY

NOTES:

See Sheet No. S-35 for girder elevation.

See Sheet No. S-36 for field splice details and table of moments and shears.

See Sheet No. S-37 for cross frame details.

All dimensions are in millimeters (mm) except as noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (BORMAN EXPRESSWAY)
OVER LITTLE CALUMET RIVER & N.I.C.T.D. R.O.W.

FRAMING PLAN – UNIT 1 WESTBOUND
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+470.000
STRUCTURE NO. I-80-1-8460 (EB & WB)

DATE 07/04 **(016-I003 & 016-I004)**

AMERICAN CONSULTING ENGINEERS