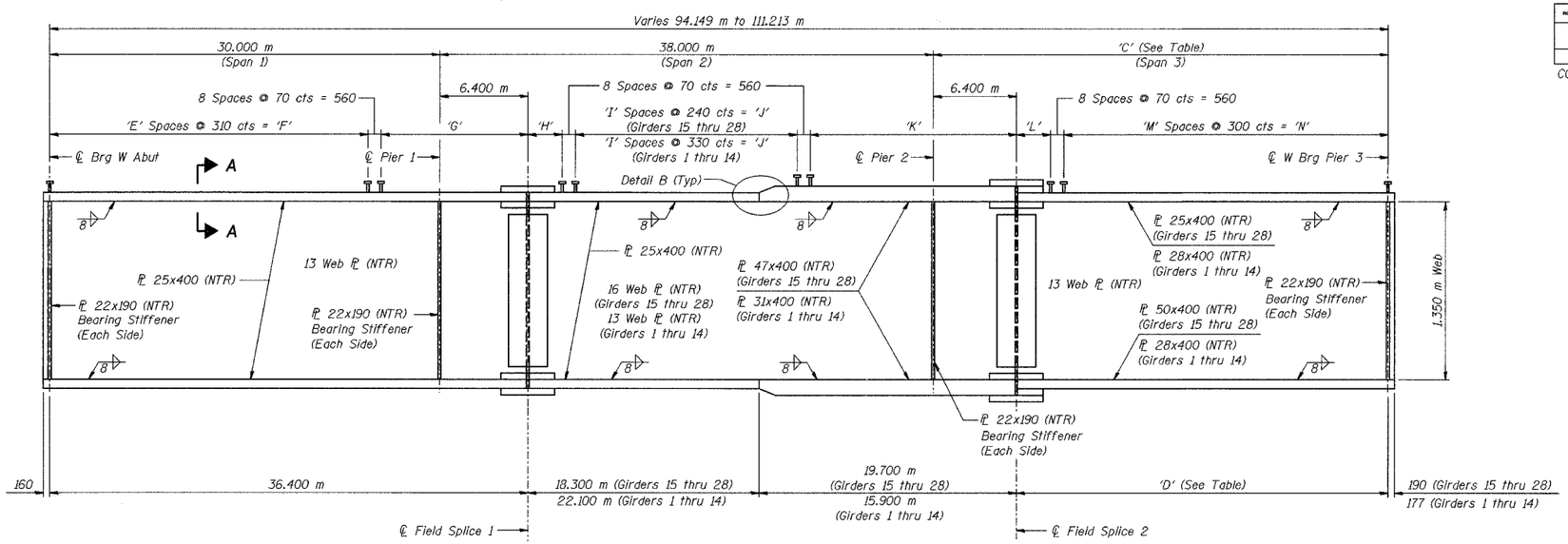
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	267
	ILLINOIS	FED. AID PROJECT-		

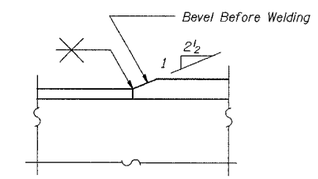
SHEET NO. S-35
72 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

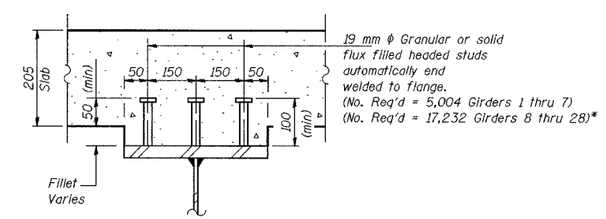


GIRDER ELEVATION

All structural steel on this sheet shall be AASHTO M 270M Grade 345W.



DETAIL B



SECTION A-A

VARIABLE DIMENSION TABLE

	GIRDER	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'	'N'
*	28	43.213	36.813	76	23.560	12.280	0.690	70	16.800	19.390	2.653	112	33.600
*	27	42.577	36.177	75	23.250	12.590	0.690	71	17.040	19.150	2.617	110	33.000
*	26	41.942	35.542	75	23.250	12.590	0.690	72	17.280	18.910	2.582	108	32.400
*	25	41.306	34.906	75	23.250	12.590	0.700	73	17.520	18.660	2.546	106	31.800
*	24	40.671	34.271	75	23.250	12.590	0.700	74	17.760	18.420	2.511	104	31.200
*	23	40.035	33.635	74	22.940	12.900	0.700	75	18.000	18.180	2.475	102	30.600
*	22	39.400	33.000	74	22.940	12.900	0.700	76	18.240	17.940	2.440	100	30.000
*	21	38.764	32.364	74	22.940	12.900	0.710	77	18.480	17.690	2.404	98	29.400
*	20	38.129	31.729	74	22.940	12.900	0.710	78	18.720	17.450	2.369	96	28.800
*	19	37.493	31.093	73	22.630	13.210	0.710	79	18.960	17.210	2.333	94	28.200
*	18	36.858	30.458	73	22.630	13.210	0.710	80	19.200	16.970	2.298	92	27.600
*	17	36.222	29.822	73	22.630	13.210	0.720	81	19.440	16.720	2.262	90	27.000
*	16	35.587	29.187	73	22.630	13.210	0.720	82	19.680	16.480	2.227	88	26.400
*	15	34.951	28.551	73	22.630	13.210	0.720	84	20.160	16.000	1.891	87	26.100
*	14	34.410	28.010	73	22.630	13.210	0.860	63	20.790	15.230	1.350	87	26.100
*	13	33.775	27.375	72	22.320	13.520	0.860	63	20.790	15.230	1.615	84	25.200
*	12	33.139	26.739	72	22.320	13.520	0.860	63	20.790	15.230	1.579	82	24.600
*	11	32.504	26.104	72	22.320	13.520	0.860	64	21.120	14.900	1.544	80	24.000
*	10	31.868	25.468	72	22.320	13.520	0.860	64	21.120	14.900	1.508	78	23.400
*	9	31.233	24.833	72	22.320	13.520	0.860	65	21.450	14.570	1.473	76	22.800
*	8	30.597	24.197	72	22.320	13.520	0.860	65	21.450	14.570	1.437	74	22.200
	7	29.962	23.562	71	22.010	13.830	0.870	66	21.780	14.230	1.702	71	21.300
	6	29.326	22.926	71	22.010	13.830	0.870	66	21.780	14.230	1.666	69	20.700
	5	28.691	22.291	71	22.010	13.830	0.870	67	22.110	13.900	1.631	67	20.100
	4	28.055	21.655	71	22.010	13.830	0.870	67	22.110	13.900	1.595	65	19.500
	3	27.420	21.020	71	22.010	13.830	0.870	68	22.440	13.570	1.560	63	18.900
	2	26.784	20.384	71	22.010	13.830	0.870	68	22.440	13.570	1.524	61	18.300
	1	26.149	19.749	71	22.010	13.830	0.870	69	22.770	13.240	1.489	59	17.700

NOTES:

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

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

NTR denotes notch toughness requirements.

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

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

*** FOR INFORMATION ONLY**

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 DETAILS – UNIT 1 (1 OF 3)
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