

SPAN	GIRDER	SOUTH END DATA			NORTH END DATA			GIRDER DIMENSIONS					WEB PLATE	FLANGE PLATES						CAMBER	SHEAR CONNECTOR SPACINGS				INTERIOR WEB STIFFENER SPACINGS			GIRDER											
		S	ELEVATION	ANGLE	N	ELEVATION	ANGLE	LENGTH % BRGS.	A	B	C	Δ (1/2) CONCRETE		Δ (3/4) CONCRETE	1	2	3	4	5		6	a	b	c	d	e	f		g										
3	GR-1	2'-0"	62.76		2'-0"	60.00							60"x3/8"																										
	GR-2	7'-11"	62.76	88°-39'-30"	7'-11"	60.00	91°-11' 19/16"																																
	GR-3	7'-11"	62.92	"	7'-11"	59.96	"	91-7 3/8																															
	GR-4	7'-11"	62.09	"	7'-11"	59.93	"	91-2 15/16																															
	GR-5	4'-0"	61.77	"	4'-0"	59.96	"	90-10 1/2																															
	GR-6	4'-0"	61.58	"	4'-0"	59.83	"	90-8 1/4																															
	GR-7	8'-6"	61.23	"	8'-6"	59.97	"	90-3 1/2																															
	GR-8	8'-6"	60.87	"	8'-6"	59.11	"	89-10 11/16																															
	GR-9	8'-0"	60.53	"	8'-0"	57.77	"	89-6 3/16																															
4	GR-10	5'-1 1/2"	62.51	90-57-49	7'-0 7/8"	59.93	93-38-49	95-3 7/8	9'-0"	9'-0"	59'-3 7/8"	.127'	.147'	60"x3/8"	14"x3/4"	14"x3/4"	14"x3/4"	14"x1 1/8"	14"x1 1/8"	14"x1 3/8"	14"x1 1/2"	3 3/8	0'-9 12/16	9x19"	9x18"	24x24"	2'-7 15/16	6x15"	9x10"										
	GR-9	5'-1 1/2"	62.34	89-48-54	7'-0 7/8"	59.67	92-25-54	94-11 3/4	8'-6"	8'-6"	58-11 3/4"	.084'	.086'	"	"	"	14"x3/4"	14"x1 1/8"	14"x7/8"	14"x1 3/8"	2 7/8	0'-7 7/8	9x19"	9x18"	24x24"	2'-5 7/8	"	"											
	GR-8	8'-4"	62.18	88-39-30	8'-4"	59.97	91-20-30	94-8 1/16	8'-8"	8'-4"	58-8 1/16"	.087'	.100'	"	"	"	14"x3/4"	14"x1 1/8"	"	14"x1 1/2"	3	1'-1	9x13"	14x15"	18x24"	1'-1	7x15"	9x10"											
	GR-7	8'-4"	61.76	"	8'-4"	59.02	"	94-3 7/16																															
	GR-6	8'-4"	61.43	"	8'-4"	59.67	"	93-10 3/4																															
	GR-5	4'-0"	61.08	"	4'-0"	59.23	"	93-6 1/16																															
	GR-4	7'-11"	60.92	"	7'-11"	59.16	"	93-3 19/16																															
	GR-3	7'-11"	60.99	"	7'-11"	57.83	"	92-11 3/8																															
	GR-2	7'-11"	60.28	"	7'-11"	57.90	"	92-6 15-16																															
	GR-1	7'-11"	59.95	"	7'-11"	57.49	"	92-2 7/16																															
	GR-10	7'-11"	59.95	"	7'-11"	57.19	"	91-11 19/16																															
	GR-9	7'-11"	59.81	"	7'-11"	56.85	"	91-7 3/8																															
	GR-8	7'-11"	59.28	"	7'-11"	56.52	"	91-2 15/16																															
	GR-7	7'-11"	58.95	"	7'-11"	56.19	"	90-10 1/2																															
	GR-6	4'-0"	58.78	"	4'-0"	56.02	"	90-8 1/4																															
	GR-5	8'-6"	58.43	88-28-07	8-11 1/8"	55.44	91-04-07	90-3 3/8	9'-0"	8'-0"	56-3 3/8"	.075'	.086'	60"x3/8"	14"x3/4"	14"x3/4"	14"x3/4"	14"x1 1/8"	14"x3/4"	14"x1 3/8"	2 3/4	0'-9 11/16	10x13"	12x16 1/2"	17x24"	1'-11 1/16	9x15"	5x10"											
	GR-4	8'-6"	58.08	88-08-35	8-11 1/8"	56.27	90-47-35	89-10 1/2	9'-10"	7'-0"	56-2 1/2"	.073'	.086'	"	"	"	"	"	"	"	"	2 3/4	0'-5 1/4	"	11x16"	18x24"	3'-5 1/4	6x18"	7x10"										
	GR-3	8'-0"	57.73	88-08-27	8'-0"	54.91	89-47-27	88-8	11'-3"	5'-7"	55-10	.108'	.125'	"	"	"	"	"	"	"	"	3 1/8	0'-3	"	"	"	3'-3	"	"										
5	GR-2	7'-0 7/8"	59.62	89-30-18	8'-6"	56.92	92-11-18	95-0 5/8	9'-6"	8'-6"	55-0 5/8"	.084'	.086'	"	"	"	14"x3/4"	14"x1 1/8"	14"x7/8"	14"x1 3/8"	2 7/8	0'-8 5/16	"	"	"	2'-6 3/16	"	"											
	GR-1	7'-0 7/8"	59.32	88-39-30	8'-6"	56.56	91-20-30	94-8 1/8	8'-8"	8'-4"	54-8 1/8"	.087'	.100'	"	"	"	"	"	"	"	"	3	1'-1 1/16	9x13"	14x15"	18x24"	1'-1 1/16	7x15"	9x10"										
	GR-10	8'-4"	59.97	"	8'-4"	56.21	"	94-3 7/16																															
	GR-9	8'-4"	59.62	"	8'-4"	55.86	"	93-10 3/4																															
	GR-8	8'-4"	59.28	"	8'-4"	55.52	"	93-4 1/16																															
	GR-7	4'-0"	59.11	"	4'-0"	55.35	"	93-3 19/16																															
	GR-6	7'-11"	57.78	"	7'-11"	55.02	"	92-11 3/8																															
	GR-5	7'-11"	57.45	"	7'-11"	54.69	"	92-6 15/16																															
	GR-4	7'-11"	57.15	"	7'-11"	54.39	"	92-2 7/16																															
GR-3	7'-11"	57.15	"	7'-11"	54.39	"	91-11 19/16																																
GR-2	7'-11"	56.80	"	7'-11"	54.04	"	91-7 3/8																																
GR-1	7'-11"	56.47	"	7'-11"	53.71	"	91-2 15/16																																
GR-10	4'-0"	56.14	"	4'-0"	53.38	"	90-10 1/2																																
GR-9	4'-0"	55.97	"	4'-0"	53.21	"	90-8 1/4																																
GR-8	8'-4"	55.62	"	8'-4"	52.86	"	90-3 9/16	9'-0"	8'-0"	56-3 9/16"	.075'	.086'	60"x3/8"	14"x3/4"	14"x3/4"	14"x3/4"	14"x1 1/8"	14"x3/4"	14"x1 3/8"	2 3/4	0'-9 3/4	10x13"	12x16 1/2"	17x24"	1'-11 3/4	9x15"	5x10"												
GR-7	8'-4"	55.27	"	8'-4"	52.51	"	89-10 7/8	9'-10"	7'-2"	55-10 7/8"	.073'	.086'	"	"	"	"	"	"	"	"	2 3/4	0'-5 7/16	"	11x16"	18x24"	3'-5 7/16	6x18"	7x10"											
GR-6	4'-7 1/4"	54.87	87-28-48	6'-5 3/4"	52.25	89-09-48	89-8	15'-10"	-	58-0	.080'	.089'	"	"	"	"	"	"	"	"	2 1/2	1'-1	"	9x21"	28x24"	3'-4	3x18"	11x10"											
GR-5	4'-7 1/4"	54.87	88-17-47	6'-5 3/4"	51.96	88-09-47	88-5 9/16	11'-3"	5'-7"	55-9 9/16"	.108'	.125'	"	"	"	"	14"x3/4"	14"x7/8"	14"x7/8"	14"x1 1/8"	3 1/8	0'-11 3/4	"	"	"	2'-8 3/4	9x11"	10x10"											