

SPAN	GIRDER	SOUTH END DATA			NORTH END DATA			GIRDER DIMENSIONS						WEB PLATE	FLANGE PLATES						SHEAR CONNECTOR SPACINGS				INTERIOR WEB STIFFENER SPACINGS			GIRDER			
		S	ELEVATION		ANGLE β	N	ELEVATION		ANGLE β	LENGTH % BRGS.	A	B	C		Δ (S) CONCRETE	Δ (N) CONCRETE	1	2	3	4	5	6	CAMBER	a	b	c	d		e	f	g
			1	2			1	2																							
	GL-11	5'-4"	51.79	89°-32'-31"	6'-10"	49.09	92°-13'-31"	95'-8"	9'-0"	9'-0"	59'-8"	.131'	.150'	60"x3/8"	14"x3/4"	14"x3/4"	14"x1 1/8"	18"x1 1/8"	14"x1 1/4"	18"x1 3/8"	3 1/2"	1'-0 1/2"	8x18"	9x18"	24x24"	2'-10 1/2"	6x5"	9x50"	GL-11		
	GL-10	8'-4"	51.61	88-39-30	8'-4"	48.82	91-20-30	95-5 1/2	9-6	10-6	55-5 1/2	.085	.098	"	"	"	14x3/4	18x1 1/4	14x7/8	"	2 7/8	0-10 3/4	"	"	"	2-8 3/4	"	"	GL-10		
	GL-9	8'-4"	51.26	"	8'-4"	48.47	"	95-0 13/16	8-8	9-4	59-0 13/16	.087	.100	"	"	"	"	"	"	18x1 1/2	3	1-0 3/8	10x12	14x15	19x24	1-3 3/8	7x5	8x50	GL-9		
	GL-8	8'-4"	50.91	"	8'-4"	48.12	"	94-8 1/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-8		
	GL-7	8'-4"	50.56	"	8'-4"	47.77	"	94-3 7/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-7		
	GL-6	8'-4"	50.21	"	8'-4"	47.42	"	93-10 3/4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-6		
	GL-5	8'-0"	49.87	"	8'-0"	47.08	"	93'-6 1/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-5		
	GL-4	7'-11"	49.69	"	7'-11"	46.93	"	93-3 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-4		
	GL-3	7'-11"	49.37	"	7'-11"	46.58	"	92-11 3/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-3		
	GL-2	7'-11"	49.02	"	7'-11"	46.26	"	92-6 15/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-2		
	GL-1	7'-11"	48.72	"	7'-11"	45.96	"	92-2 7/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-1		
8	GR-1	7'-11"	48.72	"	7'-11"	45.96	"	91-11 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-1		
	GR-2	7'-11"	48.38	"	7'-11"	45.62	"	91-7 3/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-2		
	GR-3	7'-11"	48.05	"	7'-11"	45.29	"	91-2 15/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-3		
	GR-4	7'-11"	47.71	"	7'-11"	44.95	"	90-10 1/2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-4		
	GR-5	8'-4"	47.55	"	8'-4"	44.79	"	90-8 1/4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-5		
	GR-6	8'-4"	47.20	"	8'-4"	44.45	"	90-3 9/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-6		
	GR-7	8'-4"	46.85	"	8'-4"	44.09	"	89-10 7/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-7		
	GR-8	8'-4"	46.50	"	8'-4"	43.74	"	89-6 3/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-8		
	GR-9	8'-4"	46.15	"	8'-4"	43.39	"	89-1 1/2	9-10	7-2	55-1 1/2	.073	.084	60x3/8	14x3/4	14x3/4	14x3/4	18x1 1/8	14x3/4	18x1 3/8	2 3/4	0-6 3/4	10x14	10x16	19x24	3-0 3/4	6x48	7x50	GR-9		
	GR-10	4'-2 11/16	45.97	86-25-26	7'-9"	43.06	89-06-26	88-10 15/16	14-8	3-10	51-8 15/16	.061	.070	"	"	"	"	18x3/4	"	18x7/8	2 1/2	0-7 1/2	-	10x19	28x24	3-5 1/2	3x54	11x50	GR-10		
	GR-11	4'-2 11/16	45.78	84-10-57	7'-9"	42.75	86-51-57	88-10 1/16	"	"	51-8 1/16	"	"	"	"	"	"	"	"	"	"	0-7	-	"	"	"	3-5	"	"	GR-11	
	GR-12	4'-2 11/16	45.61	81-56-27	7'-9"	42.40	84-37-27	88-10 3/4	11-3	5-7	55-2 3/4	.088	.125	"	"	"	"	18x7/8	14x7/8	18x1 1/8	3 1/8	0-7 3/8	-	"	"	"	3-5 3/8	"	"	GR-12	
	GL-11	6'-2"	49.06	89-14-14	8'-0"	46.36	92-25-14	95-10 1/8	9-0	9-0	59-10 1/8	.131	.150	60x3/8	14x3/4	14x3/4	14x1 1/8	18x1 1/8	14x1 1/4	18x1 3/8	3 1/2	1-1 1/16	8x18	9x18	24x24	2-11 1/16	6x5	9x50	GL-11		
	GL-10	8'-6"	48.82	88-30-30	8'-6"	46.06	91-20-30	95-5 15/16	9-6	10-6	55-5 15/16	.085	.098	"	"	"	"	14x3/4	18x1 1/4	14x7/8	"	2 7/8	0-11	"	"	"	2-9	"	"	GL-10	
	GL-9	8'-6"	48.48	"	8'-6"	45.69	"	95-1 1/8	8-8	9-4	59-1 1/8	.087	.100	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-9		
	GL-8	8'-6"	48.11	"	8'-6"	45.35	"	94-8 3/8	"	"	58-8 3/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-8		
	GL-7	8'-6"	47.75	"	8'-6"	44.99	"	94-3 5/8	"	"	58-3 5/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-7		
	GL-6	8'-6"	47.41	"	8'-6"	44.62	"	93-10 13/16	"	"	57-10 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-6		
	GL-5	8'-0"	47.05	"	8'-0"	44.29	"	93-6 1/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-5		
	GL-4	7'-11"	46.69	"	7'-11"	43.92	"	93-3 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-4		
	GL-3	7'-11"	46.35	"	7'-11"	43.59	"	92-11 3/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-3		
	GL-2	7'-11"	46.01	"	7'-11"	43.25	"	92-6 15/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-2		
	GL-1	7'-11"	45.67	"	7'-11"	42.91	"	92-2 7/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-1		
9	GR-1	7'-11"	45.91	88-39-31	7'-11"	43.15	91-20-31	91-11 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-1		
	GR-2	7'-11"	45.57	"	7'-11"	42.81	"	91-7 3/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-2		
	GR-3	7'-11"	45.24	"	7'-11"	42.48	"	91-2 15/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-3		
	GR-4	7'-11"	44.91	"	7'-11"	42.15	"	90-10 1/2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-4		
	GR-5	7'-0"	44.74	"	7'-0"	41.98	"	90-8 1/4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-5		
	GR-6	7'-0"	44.45	88-53-32	6'-7 1/2"	41.69	91-34-32	90-4 7/16	9-0	8-0	56-4 7/16	.075	.086	60x3/8	14x3/4	14x3/4	14x3/4	18x1 1/8	14x3/4	18x1 3/8	2 3/4	0-10 1/4	10x13	12x16 1/2	17x24	3-0 1/4	8x48	5x50	GR-6		
	GR-7	7'-0"	44.15	89-07-40	6'-7 1/2"	41.42	91-48-40	90-0 5/8	"	"	56-0 5/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-7		
	GR-8	7'-0"	43.85	89-21-53	6'-7 1/2"	41.15	92-02-53	89-8 13/16	"	"	55-8 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-8		
	GR-9	7'-0"	43.56	90-48-33	6'-8 1/2"	40.85	93-29-33	89-6 3/16	15-2	4-5	50-4 3/16	.081	.107	"	"	"	"	18x3/4	"	18x7/8	3	0-9 1/8	-	"	14x24	3-7 1/8	4x56	9x50	GR-9		