

SPAN	GIRDER	SOUTH END DATA			NORTH END DATA			GIRDER DIMENSIONS						FLANGE PLATES						SHEAR CONNECTOR SPACINGS				INTERIOR WEB STIFFENER SPACINGS			GIRDER				
		S	ELEVATION		ANGLE β	N	ELEVATION		LENGTH % BRGS.	A	B	C	Δ (1%) CONCRETE	Δ (2%) CONCRETE	WEB PLATE	1	2	3	4	5	6	CAMBER	a	b	c	d		e	f	g	
			1	2			1	2																							
6	GL-8	5-8	56.51	88-39-30	6-6	53.75	91-20-30	94-5 1/8	8-8	9-4	58-8 1/8	.087	.100	"	"	"	"	18x1 1/4	"	18x1 1/2	"	1-1 1/16	9e13	10e15	19e26	1-1 1/16	7e15	8e10	GL-8		
	GL-7	6-4	56.16	"	6-4	53.40	"	94-3 7/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-7		
	GL-6	8-4	55.81	"	8-4	53.05	"	93-10 3/4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-6		
	GL-5	4-0	55.47	"	4-0	52.71	"	93-6 1/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-5		
	GL-4	4-0	55.30	"	4-0	52.54	"	93-3 19/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-4	
	GL-3	7-11	54.97	"	7-11	52.21	"	92-11 3/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-3	
	GL-2	7-11	54.64	"	7-11	51.88	"	92-6 15/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-2	
	GL-1	7-11	54.39	"	7-11	51.58	"	92-2 7/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-1	
	GR-1	2-3	54.34	"	2-3	51.58	"	91-11 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-1	
	GR-2	7-11	54.01	"	7-11	51.22	"	91-7 3/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-2	
7	GR-3	7-11	53.66	"	7-11	50.90	"	91-2 15/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-3		
	GR-4	4-0	53.39	"	4-0	50.57	"	90-10 1/2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-4		
	GR-5	4-0	53.16	"	4-0	50.40	"	90-8 1/4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-5		
	GR-6	8-4	52.81	"	8-4	50.05	"	90-3 9/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-6	
	GR-7	8-4	52.46	"	8-4	49.70	"	90-3 9/16	9-10	7-2	55-10	.073	.084	60x3/8	14x3/4	14x3/4	14x3/4	18x1 1/8	14x3/4	18x1 3/8	2 3/4	0-5 7/16	10e13	11e16	19e26	3-5 7/16	6e18	7e10	GR-7		
	GR-8	4-3 13/16	52.28	87-16-15	6-6 5/16	49.43	89-57-15	89-8 1/8	15-10	-	58-0 1/8	.060	.069	"	"	"	"	"	"	"	"	2 1/2	1-1 1/16	-	9e21	20e26	3-4 1/16	3e16	11e10	GR-8	
	GR-9	4-3 13/16	52.10	85-52-39	6-6 5/16	49.16	88-33-39	89-6 1/16	"	-	57-10 1/16	"	"	"	"	"	"	"	"	"	"	2 1/2	1-0	-	"	"	"	3-3	"	GR-9	
	GR-10	4-3 13/16	51.91	84-28-46	6-6 5/16	48.88	87-09-46	89-4 9/16	11-3	5-7	55-8 9/16	.109	.125	"	"	"	"	14x3/4	18x7/8	14x7/8	18x1 1/8	3 1/8	0-11 1/4	-	"	"	"	3-2 1/4	"	"	GR-10
	GL-10	5-7	54.30	89-29-51	6-10	51.57	92-04-51	95-4 3/8	9-6	10-6	55-4 3/8	.085	.088	"	"	"	"	14x3/4	18x1 1/4	14x7/8	"	2 7/8	0-10 13/16	"	"	"	3-0 3/16	"	"	GL-10	
	GL-9	5-7	54.05	88-39-30	6-10	51.29	91-20-30	95-0 13/16	"	8-6	58-0 13/16	.084	.086	"	"	"	"	"	"	"	"	2 7/8	0-8 3/8	"	"	"	"	"	"	GL-9	
GL-8	8-4	53.70	"	8-4	50.94	"	94-8 1/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-8		
GL-7	8-4	53.35	"	8-4	50.59	"	94-3 7/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-7		
GL-6	8-4	53.00	"	8-4	50.24	"	93-10 3/4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-6		
GL-5	4-0	52.66	"	4-0	49.90	"	93-6 1/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-5		
GL-4	7-11	52.50	"	7-11	49.74	"	93-3 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-4		
GL-3	7-11	52.16	"	7-11	49.40	"	92-11 3-8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-3		
GL-2	7-11	51.83	"	7-11	49.07	"	92-6 15/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-2		
GL-1	7-11	51.53	"	7-11	48.77	"	92-2 7/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-1		
GR-1	2-3	51.53	"	2-3	48.77	"	91-11 13/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-1		
GR-2	7-11	51.19	"	7-11	48.43	"	91-7 3/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-2		
GR-3	7-11	50.87	"	7-11	48.08	"	91-2 15/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-3		
GR-4	7-11	50.52	"	7-11	47.76	"	90-10 1/2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-4		
GR-5	4-0	50.35	"	4-0	47.50	"	90-8 1/4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-5		
GR-6	8-4	50.00	"	8-4	47.24	"	90-3 9/16	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-6		
GR-7	8-4	49.65	"	8-4	46.89	"	89-10 7/8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-7		
GR-8	8-4	49.32	"	8-4	46.53	"	89-6 3/16	8-10	7-2	55-6 3/16	.073	.084	60x3/8	14x3/4	14x3/4	14x3/4	18x1 1/8	14x3/4	18x1 3/8	2 3/4	0-4 1/8	11e13	10e16	19e26	3-3 1/8	6e18	7e10	GR-8			
GR-9	3-9 5/16	49.14	86-37-28	7-0	46.26	89-18-28	89-3 7/8	15-10	-	57-7 7/8	.060	.069	"	"	"	"	"	"	"	"	2 1/2	0-10 15/16	-	9e21	20e26	3-1 15/16	3e16	11e10	GR-9		
GR-10	3-9 5/16	48.99	84-35-05	7-0	45.96	87-16-05	89-2 7/8	"	-	57-6 7/8	"	"	"	"	"	"	"	"	"	"	"	2 1/2	0-10 7/16	-	"	"	"	3-1 7/16	"	GR-10	
GR-11	3-9 5/16	48.83	82-32-27	7-0	45.85	85-13-37	89-3 3/16	11-3	5-7	55-7 3/16	.109	.125	"	"	"	"	"	14x3/4	18x7/8	14x7/8	18x1 1/8	3 1/8	0-10 5/8	-	"	"	"	3-1 5/8	"	GR-11	