

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 β	N	ELEVATION	ANGLE β	LENGTH %c BRGS.	A	B	C	Δ (S) CONCRETE		Δ (N) CONCRETE	1	2	3	4	5		6	a	b	c	d	e	f		g		
			1			2																									
	GL-16		46.26	88°-25'-00"		41.67	88°-25'-00"	149'-0 5/16"	8'-11"	19'-10"	91'-6 5/16"	.203'	.233'	72"x7/16"	16x1"	16x1"	24x1 3/4"	24x1 3/4"	24x2"	26"x2 1/8"	4 7/8	0'-6 1/8"	-	-	74x24"	3'-10 1/8"	6x52"	12x72"	GL-16		
	GL-15	4'-5 1/4"	46.22	"	4'-5 1/4"	41.56	"	"	14'-0"	14'-10"	91'-4 5/16"	.149	.171	"	16x3/4"	16x3/4"	16x1 1/8"	20x1 3/8"	16x1 3/8"	20x1 5/8"	4 3/4	"	-	-	"	2'-6 1/8"	3x60	19x72"	GL-15		
	GL-14	5'-0 3/4"	45.95	87-52-23	6'-5 15/16"	41.26	87-52-23	149-0 7/8	13'-0"	17'-3"	91'-6 7/8"	.149	.170	"	"	"	16x1 1/4"	20x1 1/2"	16x1 1/2"	20x1 3/4"	"	1'-1 7/16"	-	7x23"	60x24"	5'-2 7/16"	4x4	16x72"	GL-14		
	GL-13	5'-0 3/4"	45.70	"	5'-0 3/4"	41.06	"	"	14'-0"	14'-10"	91'-4 7/8"	.149	.171	"	"	"	16x1 1/8"	20x1 3/8"	16x1 3/8"	20x1 5/8"	"	0'-6 7/16"	-	-	74x24"	2'-6 7/16"	3x60	19x72"	GL-13		
	GL-12	5'-0 3/4"	45.46	"	5'-0 3/4"	40.84	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-12		
	GL-11	5'-0 3/4"	45.26	"	5'-0 3/4"	40.62	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-11		
	GL-10	5'-0 3/4"	45.06	"	5'-0 3/4"	40.39	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-10		
	GL-9	5'-0 3/4"	44.84	"	5'-0 3/4"	40.17	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-9		
	GL-8	5'-0 3/4"	44.63	"	5'-0 3/4"	39.95	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-8		
	GL-7	5'-0 3/4"	44.42	"	5'-0 3/4"	39.71	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-7		
	GL-6	5'-0 3/4"	44.22	"	5'-0 3/4"	39.50	"	"	15'-0"	13'-9"	91'-6 7/8"	.137	.157	"	"	"	16x1	20x1 1/4"	16x1 1/4"	20x1 1/2"	4 3/4	0'-6 7/16"	-	-	74x24"	2'-6 7/16"	3x60	19x72"	GL-6		
	GL-5	3'-6"	44.01	"	3'-6"	39.29	"	"	9'-11"	16'-10"	91'-6 7/8"	.140	.161	"	"	"	16x1 1/2"	20x1 7/8"	16x1 7/8"	20x2 1/4"	4 5/8	0'-10 7/16"	-	8x16	63x24"	4'-0 7/16"	6x57	14x72"	GL-5		
	GL-4	6'-0 1/4"	43.79	"	6'-0 1/4"	39.04	"	"	12'-0"	16'-8"	91'-6 7/8"	.149	.172	"	"	"	16x1 1/4"	20x1 5/8"	16x1 5/8"	20x1 7/8"	"	1'-3 7/16"	-	7x21	61x24"	5'-0 7/16"	3x62	16x72"	GL-4		
	GL-3	6'-0 1/4"	43.59	"	6'-0 1/4"	38.78	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-3		
	GL-2	6'-0 1/4"	43.27	"	6'-0 1/4"	38.50	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GL-2		
10	GL-1	6'-0 1/4"	43.02	"	6'-0 1/4"	38.26	"	"	11'-3"	17'-6"	91'-6 7/8"	.197	.226	"	"	"	16x1 1/2"	20x1 1/2"	16x1 7/8"	"	6	0'-8 7/16"	-	-	74x24"	5'-0 7/16"	3x62	18x72"	GL-1		
	GR-1	1'-3"	43.02	87-50-21	1'-3 1/16"	38.26	87-50-21	"	11'-0"	17'-8"	91'-8 7/8"	.187	.214	"	"	"	"	20x1 5/8"	"	"	"	4 7/8	"	-	-	"	3'-2 7/16"	4x61	17x72"	GR-1	
	GR-2	6'-0 1/4"	42.78	"	6'-0 1/4"	37.99	"	"	12'-0"	16'-8"	91'-8 7/8"	.149	.172	"	"	"	16x1 1/4"	"	16x1 5/8"	"	4 5/8	1'-3 7/16"	-	7x21	61x24"	5'-0 7/16"	3x62	16x72"	GR-2		
	GR-3	6'-0 1/4"	42.53	"	6'-0 1/4"	37.73	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-3		
	GR-4	6'-0 1/4"	42.28	"	6'-0 1/4"	37.47	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-4		
	GR-5	6'-0 1/4"	42.07	"	6'-0 1/4"	37.23	"	"	15'-2"	13'-9"	91'-2 7/8"	.146	.168	"	"	"	16x1	20x1 1/4"	16x1 1/4"	20x1 1/2"	4 7/8	0'-6 7/16"	-	-	74x24"	1'-9 7/16"	3x63	22x72"	GR-5		
	GR-6	3'-5 15/16"	41.86	"	3'-5 15/16"	37.02	"	"	9'-11"	16'-10"	91'-6 7/8"	.136	.156	"	"	"	16x1 1/2"	20x1 7/8"	16x1 7/8"	20x2 1/4"	4 5/8	0'-10 7/16"	-	8x16	63x24"	4'-0 7/16"	6x57	14x72"	GR-6		
	GR-7	5'-2 3/4"	41.67	"	5'-2 3/4"	36.80	"	"	13'-11"	14'-10"	"	.149	.171	"	"	"	16x1 1/8"	20x1 3/8"	16x1 1/2"	20x1 5/8"	4 3/4	"	-	16x23	71x24"	4'-0 7/16"	2x63	28x72"	GR-7		
	GR-8	5'-2 3/4"	41.45	"	5'-2 3/4"	36.58	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-8		
	GR-9	5'-2 3/4"	41.21	"	5'-2 3/4"	36.35	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-9		
	GR-10	5'-2 3/4"	41.00	"	5'-2 3/4"	36.12	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GR-10		
	GR-11	4'-2"	40.83	"	4'-2"	35.95	"	"	12'-4"	16'-5"	91'-6 7/8"	.210	.241	"	"	"	16x1	16x1	24x1 3/8"	26x1 3/8"	24x1 5/8"	26x1 5/8"	5 1/8	"	-	"	71x24"	2'-9 7/16"	5x57	16x72"	GR-11