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DATE:
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TABLE OF FOUNDATION LOADS - 0° SKEW

Span Average	Beam Type	Drilled Shaft Loads				Pile Loads			
		DC	LL	Service I (1)	Strength I (2)	DC	LL	Service I (1)	Strength I (2)
		Tons/Shaft	Tons/Shaft	Tons/Shaft	Tons/Shaft	Tons/Pile	Tons/Pile	Tons/Pile	Tons/Pile
Ft									
25	5SB12	36	22	58	84	22	14	36	52
30	5SB12	42	25	67	96	26	15	41	59
35	5SB12	48	27	75	107	29	16	45	64
40	5SB12	53	28	81	115	32	17	49	70
25	5SB15	40	22	62	89	24	14	38	55
30	5SB15	47	25	72	103	28	15	43	61
35	5SB15	53	27	80	114	32	16	48	68
40	5SB15	59	28	87	123	36	17	53	75
45	5SB15	65	30	95	134	39	18	57	80
50	5SB15	71	31	102	143	43	19	62	87

TABLE OF FOUNDATION LOADS - 15° SKEW

Span Average	Beam Type	Drilled Shaft Loads				Pile Loads			
		DC	LL	Service I (1)	Strength I (2)	DC	LL	Service I (1)	Strength I (2)
		Tons/Shaft	Tons/Shaft	Tons/Shaft	Tons/Shaft	Tons/Pile	Tons/Pile	Tons/Pile	Tons/Pile
Ft									
25	5SB12	36	22	58	84	22	14	36	52
30	5SB12	43	25	68	98	26	15	41	59
35	5SB12	48	27	75	107	29	16	45	64
40	5SB12	53	28	81	115	32	17	49	70
25	5SB15	40	22	62	89	24	14	38	55
30	5SB15	47	25	72	103	29	15	44	63
35	5SB15	53	27	80	114	32	16	48	68
40	5SB15	59	28	87	123	36	17	53	75
45	5SB15	66	30	96	135	39	18	57	80
50	5SB15	72	31	103	144	43	19	62	87

TABLE OF FOUNDATION LOADS - 30° SKEW

Span Average	Beam Type	Drilled Shaft Loads				Pile Loads			
		DC	LL	Service I (1)	Strength I (2)	DC	LL	Service I (1)	Strength I (2)
		Tons/Shaft	Tons/Shaft	Tons/Shaft	Tons/Shaft	Tons/Pile	Tons/Pile	Tons/Pile	Tons/Pile
Ft									
25	5SB12	37	22	59	85	22	14	36	52
30	5SB12	43	25	68	98	26	15	41	59
35	5SB12	48	27	75	107	29	16	45	64
40	5SB12	54	28	82	117	32	17	49	70
25	5SB15	41	22	63	90	25	14	39	56
30	5SB15	48	25	73	104	29	15	44	63
35	5SB15	54	27	81	115	33	16	49	69
40	5SB15	60	28	88	124	36	17	53	75
45	5SB15	66	30	96	135	40	18	58	82
50	5SB15	72	31	103	144	43	19	62	87

- (1) 1.00DC + 1.00LL (all other loads not included)
- (2) 1.25DC + 1.75LL (all other loads not included)

GENERAL NOTES:

Designed according to AASHTO LRFD Bridge Design Specifications.
 Drilled shaft foundation loads based on "H" = 24 ft.
 Pile foundation loads based on exposed height of 20 ft.

FOR DESIGNER'S INFORMATION ONLY.
 Loads included here within are to be added to the Foundation Notes sheet.

The values shown on these sheets are applicable for use only with the prestressed slab beam bents shown on the standards BPSB-24, BPSB-24-15, and BPSB-24-30.

NOT A STANDARD / NOT FOR INCLUSION IN THE PLANS.

HL93 LOADING

Texas Department of Transportation				Bridge Division Standard	
<h2 style="margin: 0;">BENT FOUNDATION LOADS</h2> <h3 style="margin: 0;">PRESTR CONCRETE SLAB BEAMS</h3> <h3 style="margin: 0;">24' ROADWAY</h3> <h2 style="margin: 0; color: red;">PSB-BFL24-24</h2>					
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