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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	4SB12	43	22	65	92	26	14	40	57
30	4SB12	51	25	76	108	31	15	46	65
35	4SB12	57	27	84	119	35	16	51	72
40	4SB12	64	28	92	129	39	17	56	79
25	4SB15	48	22	70	99	29	14	43	61
30	4SB15	57	25	82	115	34	15	49	69
35	4SB15	64	27	91	127	39	16	55	77
40	4SB15	72	28	100	139	43	17	60	84
45	4SB15	79	30	109	151	48	18	66	92
50	4SB15	87	31	118	163	52	19	71	98

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	4SB12	43	22	65	92	26	14	40	57
30	4SB12	51	25	76	108	31	15	46	65
35	4SB12	58	27	85	120	35	16	51	72
40	4SB12	64	28	92	129	39	17	56	79
25	4SB15	48	22	70	99	29	14	43	61
30	4SB15	57	25	82	115	34	15	49	69
35	4SB15	64	27	91	127	39	16	55	77
40	4SB15	72	28	100	139	43	17	60	84
45	4SB15	80	30	110	153	48	18	66	92
50	4SB15	87	31	118	163	52	19	71	98

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	4SB12	44	22	66	94	26	14	40	57
30	4SB12	52	25	77	109	31	15	46	65
35	4SB12	58	27	85	120	35	16	51	72
40	4SB12	65	28	93	130	39	17	56	79
25	4SB15	49	22	71	100	29	14	43	61
30	4SB15	58	25	83	116	35	15	50	70
35	4SB15	65	27	92	129	39	16	55	77
40	4SB15	73	28	101	140	44	17	61	85
45	4SB15	80	30	110	153	48	18	66	92
50	4SB15	88	31	119	164	53	19	72	100

- (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-30, BPSB-30-15, and BPSB-30-30.

NOT A STANDARD / NOT FOR INCLUSION IN THE PLANS.

HL93 LOADING

Texas Department of Transportation				Bridge Division Standard	
<p>BENT FOUNDATION LOADS</p> <p>PRESTR CONCRETE SLAB BEAMS</p> <p>30' ROADWAY</p> <p>PSB-BFL30-24</p>					
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