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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	41	22	63	90	25	14	39	56
30	5SB12	48	25	73	104	29	15	44	63
35	5SB12	54	27	81	115	33	16	49	69
40	5SB12	61	28	89	125	37	17	54	76
25	5SB15	46	22	68	96	28	14	42	60
30	5SB15	54	25	79	111	33	15	48	68
35	5SB15	61	27	88	124	37	16	53	74
40	5SB15	68	28	96	134	41	17	58	81
45	5SB15	75	30	105	146	45	18	63	88
50	5SB15	82	31	113	157	50	19	69	96

**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	41	22	63	90	25	14	39	56
30	5SB12	48	25	73	104	29	15	44	63
35	5SB12	55	27	82	116	33	16	49	69
40	5SB12	61	28	89	125	37	17	54	76
25	5SB15	46	22	68	96	28	14	42	60
30	5SB15	54	25	79	111	33	15	48	68
35	5SB15	61	27	88	124	37	16	53	74
40	5SB15	68	28	96	134	41	17	58	81
45	5SB15	75	30	105	146	45	18	63	88
50	5SB15	82	31	113	157	50	19	69	96

**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	42	22	64	91	25	14	39	56
30	5SB12	49	25	74	105	30	15	45	64
35	5SB12	55	27	82	116	33	16	49	69
40	5SB12	61	28	89	125	37	17	54	76
25	5SB15	46	22	68	96	28	14	42	60
30	5SB15	55	25	80	113	33	15	48	68
35	5SB15	62	27	89	125	37	16	53	74
40	5SB15	69	28	97	135	42	17	59	82
45	5SB15	76	30	106	148	46	18	64	89
50	5SB15	83	31	114	158	50	19	69	96

- (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-28, BPSB-28-15, and BPSB-28-30.

NOT A STANDARD / NOT FOR INCLUSION IN THE PLANS.

**HL93 LOADING**

				<b>Bridge Division Standard</b>	
<p><b>BENT FOUNDATION LOADS</b>  <b>PRESTR CONCRETE SLAB BEAMS</b>  <b>28' ROADWAY</b></p> <p><b>PSB-BFL28-24</b></p>					
FILE: PSB-BFL28-24.dgn		DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
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REVISIONS					
		DIST	COUNTY		SHEET NO.