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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	24	19	43	63	14	11	25	37
30	5SB12	27	20	47	69	17	12	29	42
35	5SB12	30	22	52	76	18	13	31	45
40	5SB12	33	23	56	82	20	14	34	50
25	5SB15	27	19	46	67	16	11	27	39
30	5SB15	30	20	50	73	18	12	30	44
35	5SB15	34	22	56	81	20	13	33	48
40	5SB15	37	23	60	87	23	14	37	53
45	5SB15	41	24	65	93	25	15	40	58
50	5SB15	44	25	69	99	27	15	42	60

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	24	19	43	63	15	11	26	38
30	5SB12	28	20	48	70	17	12	29	42
35	5SB12	31	22	53	77	19	13	32	47
40	5SB12	34	23	57	83	20	14	34	50
25	5SB15	26	19	45	66	16	11	27	39
30	5SB15	30	20	50	73	18	12	30	44
35	5SB15	34	22	56	81	21	13	34	49
40	5SB15	37	23	60	87	23	14	37	53
45	5SB15	41	24	65	93	25	15	40	58
50	5SB15	45	25	70	100	27	15	42	60

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	25	19	44	65	15	11	26	38
30	5SB12	28	20	48	70	17	12	29	42
35	5SB12	31	22	53	77	19	13	32	47
40	5SB12	34	23	57	83	21	14	35	51
25	5SB15	27	19	46	67	16	11	27	39
30	5SB15	31	20	51	74	19	12	31	45
35	5SB15	35	22	57	82	21	13	34	49
40	5SB15	38	23	61	88	23	14	37	53
45	5SB15	42	24	66	95	25	15	40	58
50	5SB15	45	25	70	100	27	15	42	60

- (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.

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 abutments shown on the standards APSB-28, APSB-28-15, APSBD-28-30, and APSBP-28-30.

NOT A STANDARD / NOT FOR INCLUSION IN THE PLANS.

HL93 LOADING

 Texas Department of Transportation	Bridge Division Standard
ABUTMENT FOUNDATION LOADS	
PRESTR CONCRETE SLAB BEAMS	
28' ROADWAY	
PSB-AFL28-24	
FILE: PSB-AFL28-24.dgn	DN: TxDOT CK: TxDOT DW: TxDOT CK: TxDOT
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REVISIONS	DIST COUNTY SHEET NO.