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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	21	19	40	60	16	14	30	45
30	5SB12	24	20	44	65	18	15	33	49
35	5SB12	27	22	49	72	20	16	36	53
40	5SB12	29	23	52	77	22	17	39	57
25	5SB15	23	19	42	62	17	14	31	46
30	5SB15	26	20	46	68	20	15	35	51
35	5SB15	29	22	51	75	22	16	38	56
40	5SB15	32	23	55	80	24	17	41	60
45	5SB15	35	24	59	86	27	18	45	65
50	5SB15	38	25	63	91	29	19	48	70

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	21	19	40	60	16	14	30	45
30	5SB12	24	20	44	65	18	15	33	49
35	5SB12	27	22	49	72	20	16	36	53
40	5SB12	29	23	52	77	22	17	39	57
25	5SB15	23	19	42	62	17	14	31	46
30	5SB15	26	20	46	68	20	15	35	51
35	5SB15	29	22	51	75	22	16	38	56
40	5SB15	32	23	55	80	24	17	41	60
45	5SB15	36	24	60	87	27	18	45	65
50	5SB15	39	25	64	93	29	19	48	70

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	22	19	41	61	16	14	30	45
30	5SB12	25	20	45	66	19	15	34	50
35	5SB12	27	22	49	72	21	16	37	54
40	5SB12	30	23	53	78	23	17	40	59
25	5SB15	24	19	43	63	18	14	32	47
30	5SB15	27	20	47	69	20	15	35	51
35	5SB15	30	22	52	76	23	16	39	57
40	5SB15	33	23	56	82	25	17	42	61
45	5SB15	36	24	60	87	27	18	45	65
50	5SB15	39	25	64	93	30	19	49	71

- (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-24, APSB-24-15, APSBD-24-30, and APSBP-24-30.

NOT A STANDARD / NOT FOR INCLUSION IN THE PLANS.

HL93 LOADING

 Texas Department of Transportation	Bridge Division Standard
<p>ABUTMENT FOUNDATION LOADS</p> <p>PRESTR CONCRETE SLAB BEAMS</p> <p>24' ROADWAY</p> <p>PSB-AFL24-24</p>	
FILE: PSB-AFL24-24.dgn © TxDOT May 2024 REVISIONS	DN: TxDOT CK: TxDOT DW: TxDOT CK: TxDOT CONT SECT JOB HIGHWAY DIST COUNTY SHEET NO.