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**TABLE OF FOUNDATION LOADS - ABUTMENTS**

Roadway Width	Skew	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	deg								
24	0	19	19	38	57	14	14	28	42
24	15	19	19	38	57	14	14	28	42
24	30	20	19	39	58	15	14	29	43
28	0	21	19	40	60	16	14	30	45
28	15	22	19	41	61	13	11	24	36
28	30	22	19	41	61	14	11	25	37
30	0	22	19	41	61	17	14	31	46
30	15	23	19	42	62	14	11	25	37
30	30	23	19	42	62	14	11	25	37
38	0	20	18	38	57	14	12	26	39
38	15	21	18	39	58	14	12	26	39
38	30	21	18	39	58	14	12	26	39
44	0	18	14	32	47	15	12	27	40
44	15	19	14	33	48	16	12	28	41
44	30	19	14	33	48	16	12	28	41

**TABLE OF FOUNDATION LOADS - BENTS**

Roadway Width	Skew	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	deg								
24	0	38	24	62	90	35	24	59	86
24	15	38	24	62	90	36	24	60	87
24	30	39	24	63	91	28	18	46	67
28	0	42	24	66	95	31	18	49	70
28	15	43	24	67	96	31	18	49	70
28	30	43	24	67	96	32	18	50	72
30	0	44	24	68	97	32	18	50	72
30	15	45	24	69	98	33	18	51	73
30	30	46	24	70	100	33	18	51	73
38	0	53	31	84	121	39	23	62	89
38	15	54	31	85	122	32	19	51	73
38	30	54	31	85	122	33	19	52	75
44	0	59	31	90	128	36	19	55	78
44	15	60	31	91	129	36	19	55	78
44	30	47	23	70	99	31	16	47	67

- (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 cast-in-place slab span bents and abutments shown on the ACS and BCS standards.

NOT A STANDARD / NOT FOR INCLUSION IN THE PLANS.

**HL93 LOADING**

 Texas Department of Transportation	Bridge Division Standard																
<h2 style="margin: 0;">FOUNDATION LOADS</h2> <h3 style="margin: 0;">C-I-P SLAB SPANS</h3> <h2 style="margin: 0;">CS-FL-24</h2>																	
FILE: CS-FL-24.dgn © TxDOT May 2024	DN: TxDOT CK: TxDOT DW: TxDOT CK: TxDOT																
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