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TABLE OF FOUNDATION LOADS - 0° SKEW					
Span Average	Minimum Concrete Pile Size	5XB20 & 5XB28 X-Beams			
		Pile Loads			
		DC	LL	Service I ①	Strength I ②
Ft	In.	Tons/Pile	Tons/Pile	Tons/Pile	Tons/Pile
40	18	59	21	80	111
45		65	23	88	122
50		70	24	94	130
55	20	76	25	101	139
60		81	26	107	147
65		87	27	114	156
70	24	92	28	120	164
75		98	29	127	173
80		103	30	133	181

TABLE OF FOUNDATION LOADS - 15° SKEW					
Span Average	Minimum Concrete Pile Size	5XB20 & 5XB28 X-Beams			
		Pile Loads			
		DC	LL	Service I ①	Strength I ②
Ft	In.	Tons/Pile	Tons/Pile	Tons/Pile	Tons/Pile
40	18	59	21	80	111
45		65	23	88	122
50		70	24	94	130
55	20	76	25	101	139
60		81	26	107	147
65		87	27	114	156
70	24	92	28	120	164
75		98	29	127	173
80		103	30	133	181

TABLE OF FOUNDATION LOADS - 30° SKEW					
Span Average	Minimum Concrete Pile Size	5XB20 & 5XB28 X-Beams			
		Pile Loads			
		DC	LL	Service I ①	Strength I ②
Ft	In.	Tons/Pile	Tons/Pile	Tons/Pile	Tons/Pile
40	18	60	21	81	112
45		66	23	89	123
50		71	24	95	131
55	20	77	25	102	140
60		82	26	108	148
65		88	27	115	157
70	24	93	28	121	165
75		99	29	128	175
80		104	30	134	183

- 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.
 Pile foundation loads based on exposed height of 24 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 X-beam trestle bents shown on the standards BTXB-32, BTXB-32-15, and BTXB-32-30.

NOT A STANDARD / NOT FOR INCLUSION IN THE PLANS.

HL93 LOADING

 Texas Department of Transportation	Bridge Division Standard
<p>TRESTLE BENT FOUNDATION LOADS PRESTRESSED CONCRETE X-BEAMS 32' ROADWAY</p> <p><i>XB-BTFL32-24</i></p>	
FILE: XB-BTFL32-24.dgn	DN: TxDOT CK: TxDOT DW: TxDOT CK: TxDOT
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REVISIONS	
DIST	COUNTY SHEET NO.

DATE:
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