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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	55	18	73	100
45		60	19	79	108
50		65	20	85	116
55	20	70	21	91	124
60		75	22	97	132
65		81	23	104	142
70	24	86	24	110	150
75		91	24	115	156
80		96	25	121	164
85		101	26	127	172

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	55	18	73	100
45		60	19	79	108
50		65	20	85	116
55	20	71	21	92	126
60		76	22	98	134
65		81	23	104	142
70	24	86	24	110	150
75		91	24	115	156
80		96	25	121	164
85		101	26	127	172

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	56	18	74	102
45		61	19	80	110
50		66	20	86	118
55	20	71	21	92	126
60		76	22	98	134
65		82	23	105	143
70	24	87	24	111	151
75		92	24	116	157
80		97	25	122	165
85		102	26	128	173

- 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-44, BTXB-44-15, and BTXB-44-30.

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 44' ROADWAY</p> <p><i>XB-BTFL44-24</i></p>																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>FILE: XB-BTFL44-24.dgn</td> <td>DN: TxDOT</td> <td>CK: TxDOT</td> <td>DW: TxDOT</td> <td>CK: TxDOT</td> </tr> <tr> <td>©TxDOT</td> <td>May 2024</td> <td>CONT</td> <td>SECT</td> <td>JOB</td> </tr> <tr> <td colspan="2" style="text-align: center;">REVISIONS</td> <td colspan="3"></td> </tr> <tr> <td colspan="2"></td> <td>DIST</td> <td>COUNTY</td> <td>SHEET NO.</td> </tr> </table>		FILE: XB-BTFL44-24.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT	©TxDOT	May 2024	CONT	SECT	JOB	REVISIONS							DIST	COUNTY	SHEET NO.
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