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TABLE OF REQUIRED BEAM SIZES, DESIGN DATA AND STEEL QUANTITIES

LOAD RATING FACTORS

SPAN (ft)	ROLLED BEAM										OPTIONAL PLATE GIRDER			Diaphragm Spaces "N" (ea)	Stud Spacing "X" (in)	Elastomeric Bearing Type	Estimated Quantities Structural Steel (lbs)		STRENGTH I		SERVICE II	
	Beam Member	Dimension "Y" (in)	Deflection "A" (feet)		Plate Sizes (Inches)			Dimension "Y" (in)	Deflection "A" (feet)		Rolled Beam	(1) PL Girder	INV				OPR	INV	OPR			
			Slab DL	Total DL	Top Flange	Bott Flange	Web		Slab DL	Total DL												
																				1 x 12	1 1/4 x 12	1/2 x 17
30	W18 x 130	29.750	0.013	0.017	1 x 12	1 1/4 x 12	1/2 x 17	29.750	0.014	0.018	2	5	SB - 1	23,140	22,000	2.46	3.19	3.97	5.16			
	W21 x 111	32.000	0.012	0.016	3/4 x 12	1 x 12	1/2 x 19.5	31.750	0.013	0.017	2	6	SB - 1	21,330	20,650	2.87	3.72	3.78	4.91			
	W24 x 104	34.500	0.011	0.014	3/4 x 12	7/8 x 12	1/2 x 22.5	34.625	0.011	0.013	2	6	SB - 1	20,320	20,740	2.89	3.75	3.78	4.92			
	W27 x 146	37.875	0.006	0.008	3/4 x 14	1 x 14	1/2 x 25.5	37.750	0.007	0.009	2	4	SB - 2	26,940	24,520	3.80	4.93	5.47	7.11			
	W30 x 173	41.000	0.004	0.006	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.004	0.005	2	4	SB - 3	31,030	30,170	4.26	5.52	7.23	9.40			
	W33 x 118	43.375	0.006	0.007	3/4 x 12	3/4 x 12	1/2 x 31.5	43.500	0.005	0.007	2	6	SB - 1	23,410	23,380	3.91	5.07	5.09	6.61			
	W36 x 135	46.000	0.004	0.006	3/4 x 12	7/8 x 12	1/2 x 34	46.125	0.004	0.006	2	5	SB - 1	26,110	24,970	4.53	5.88	6.05	7.86			
W40 x 149	48.750	0.003	0.005	3/4 x 12	1 x 12	1/2 x 36.5	48.750	0.004	0.005	2	4	SB - 1	28,400	26,610	4.53	5.87	7.12	9.26				
35	W18 x 130	29.750	0.025	0.033	1 x 12	1 1/4 x 12	1/2 x 17	29.750	0.026	0.033	2	6	SB - 1	26,390	25,020	2.28	2.96	3.13	4.07			
	W21 x 111	32.000	0.023	0.030	3/4 x 12	1 x 12	1/2 x 19.5	31.750	0.025	0.032	2	5	SB - 1	24,360	23,510	2.25	2.92	2.99	3.89			
	W24 x 104	34.500	0.020	0.025	3/4 x 12	7/8 x 12	1/2 x 22.5	34.625	0.020	0.025	2	8	SB - 1	22,870	23,310	2.26	2.94	3.00	3.90			
	W27 x 146	37.875	0.011	0.015	3/4 x 14	1 x 14	1/2 x 25.5	37.750	0.013	0.017	2	5	SB - 2	30,570	27,670	3.35	4.34	4.38	5.69			
	W30 x 173	41.000	0.008	0.011	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.008	0.010	2	5	SB - 3	35,340	34,240	3.96	5.14	5.81	7.55			
	W33 x 118	43.375	0.011	0.014	3/4 x 12	3/4 x 12	1/2 x 31.5	43.500	0.010	0.014	2	7	SB - 1	26,380	26,280	3.10	4.02	4.06	5.28			
	W36 x 135	46.000	0.008	0.011	3/4 x 12	7/8 x 12	1/2 x 34	46.125	0.008	0.011	2	6	SB - 1	29,490	28,080	3.72	4.82	4.85	6.30			
W40 x 149	48.750	0.006	0.009	3/4 x 12	1 x 12	1/2 x 36.5	48.750	0.007	0.009	2	5	SB - 1	32,110	29,930	4.22	5.47	5.73	7.44				
40	W18 x 130	29.750	0.044	0.057	1 x 12	1 1/4 x 12	1/2 x 17	29.750	0.046	0.058	3	7	SB - 1	30,310	28,740	1.89	2.45	2.54	3.30			
	W21 x 111	32.000	0.041	0.052	3/4 x 12	1 x 12	1/2 x 19.5	31.750	0.044	0.055	2	7	SB - 1	27,000	26,010	1.78	2.31	2.40	3.12			
	W24 x 117	34.750	0.035	0.044	3/4 x 12	7/8 x 12	1/2 x 22.5	34.625	0.035	0.044	2	8	SB - 1	28,160	26,010	1.79	2.33	2.41	3.13			
	W27 x 146	37.875	0.019	0.026	3/4 x 14	1 x 14	1/2 x 25.5	37.750	0.022	0.029	2	6	SB - 2	34,200	30,820	2.72	3.53	3.58	4.66			
	W30 x 173	41.000	0.013	0.018	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.013	0.018	2	5	SB - 3	39,800	38,460	3.66	4.75	4.79	6.23			
	W33 x 118	43.375	0.030	0.039	3/4 x 12	3/4 x 12	1/2 x 31.5	43.500	0.018	0.023	2	8	SB - 1	29,350	29,170	2.02	2.62	2.70	3.51			
	W36 x 135	46.000	0.014	0.018	3/4 x 12	7/8 x 12	1/2 x 34	46.125	0.014	0.019	2	7	SB - 1	32,870	31,200	3.03	3.92	3.97	5.17			
W40 x 149	48.750	0.011	0.015	3/4 x 12	1 x 12	1/2 x 36.5	48.750	0.012	0.015	2	6	SB - 1	35,820	33,250	2.92	3.78	3.85	5.00				
45	W18 x 130	29.750	0.072	0.093	1 x 12	1 1/4 x 12	1/2 x 17	29.750	0.074	0.094	3	8	SB - 1	33,570	31,760	1.47	1.90	2.01	2.61			
	W21 x 111	32.000	0.066	0.084	3/4 x 12	1 x 12	1/2 x 19.5	31.750	0.072	0.090	2	9	SB - 1	29,710	28,550	1.39	1.81	1.91	2.49			
	W24 x 117	34.750	0.057	0.072	3/4 x 12	7/8 x 12	1/2 x 22.5	34.625	0.057	0.071	2	10	SB - 1	31,040	28,580	1.41	1.83	1.92	2.50			
	W27 x 146	37.875	0.031	0.042	3/4 x 14	1 x 14	1/2 x 25.5	37.750	0.036	0.047	2	7	SB - 2	37,840	33,990	2.18	2.83	2.91	3.78			
	W30 x 173	41.000	0.022	0.030	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.022	0.029	2	6	SB - 3	44,090	42,500	2.97	3.85	3.90	5.08			
	W33 x 118	43.375	0.030	0.039	3/4 x 12	3/4 x 12	1/2 x 31.5	43.500	0.030	0.038	2	9	SB - 1	32,310	32,060	2.01	2.61	2.68	3.49			
	W36 x 135	46.000	0.023	0.030	3/4 x 12	7/8 x 12	1/2 x 34	46.125	0.024	0.031	2	8	SB - 1	36,250	34,310	2.44	3.17	3.23	4.20			
W40 x 149	48.750	0.018	0.024	3/4 x 12	1 x 12	1/2 x 36.5	48.750	0.019	0.025	2	7	SB - 1	39,530	36,580	2.93	3.80	3.86	5.01				
50	W18 x 130	29.750	0.112	0.144	1 x 12	1 1/4 x 12	1/2 x 17	29.750	0.115	0.145	3	9	SB - 1	36,820	34,790	1.13	1.47	1.59	2.07			
	W21 x 111	32.000	0.103	0.129	3/4 x 12	1 x 12	1/2 x 19.5	31.750	0.112	0.139	2	10	SB - 1	32,490	31,180	1.09	1.41	1.53	1.99			
	W24 x 117	34.750	0.088	0.110	3/4 x 12	7/8 x 12	1/2 x 22.5	34.625	0.088	0.110	2	11	SB - 1	33,980	31,210	1.10	1.43	1.54	2.01			
	W27 x 146	37.875	0.049	0.064	3/4 x 14	1 x 14	1/2 x 25.5	37.750	0.056	0.072	2	8	SB - 2	41,480	37,140	1.78	2.30	2.39	3.11			
	W30 x 173	41.000	0.034	0.046	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.033	0.045	2	7	SB - 3	48,380	46,560	2.44	3.16	3.24	4.21			
	W33 x 118	43.375	0.046	0.059	3/4 x 12	3/4 x 12	1/2 x 31.5	43.500	0.046	0.059	2	10	SB - 1	35,270	34,940	1.63	2.11	2.21	2.87			
	W36 x 135	46.000	0.035	0.046	3/4 x 12	7/8 x 12	1/2 x 34	46.125	0.036	0.047	2	9	SB - 1	39,620	37,420	2.00	2.59	2.67	3.48			
W40 x 149	48.750	0.028	0.037	3/4 x 12	1 x 12	1/2 x 36.5	48.750	0.030	0.039	2	8	SB - 1	43,250	39,910	2.41	3.13	3.21	4.17				
55	W21 x 132	32.375	0.127	0.164	3/4 x 12	1 1/4 x 12	1/2 x 19.5	32.000	0.150	0.189	3	10	SB - 1	42,160	37,750	1.08	1.40	1.54	2.00			
	W24 x 117	34.750	0.115	0.147	3/4 x 12	1 x 12	1/2 x 22.5	34.750	0.123	0.155	3	11	SB - 1	38,030	36,390	1.03	1.33	1.46	1.90			
	W27 x 146	37.875	0.072	0.096	3/4 x 14	1 x 14	1/2 x 25.5	37.750	0.083	0.108	3	9	SB - 2	46,210	41,420	1.47	1.91	2.02	2.62			
	W30 x 173	41.000	0.050	0.068	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.049	0.067	3	8	SB - 3	53,780	51,750	2.06	2.67	2.77	3.60			
	W33 x 118	43.375	0.068	0.088	3/4 x 12	3/4 x 12	1/2 x 31.5	43.500	0.068	0.087	3	11	SB - 1	39,620	39,250	1.35	1.75	1.86	2.42			
	W36 x 135	46.000	0.052	0.068	3/4 x 12	7/8 x 12	1/2 x 34	46.125	0.054	0.070	3	10	SB - 1	44,410	41,980	1.68	2.18	2.28	2.97			
	W40 x 149	48.750	0.041	0.055	3/4 x 12	1 x 12	1/2 x 36.5	48.750	0.044	0.057	3	9	SB - 1	48,390	44,710	2.06	2.67	2.77	3.60			
60	W21 x 166	33.000	0.137	0.184	7/8 x 12	1 1/2 x 12	1/2 x 19.5	32.375	0.183	0.233	3	8	SB - 1	55,920	45,460	1.12	1.45	1.59	2.07			
	W24 x 146	35.250	0.127	0.168	3/4 x 12	1 1/4 x 12	1/2 x 22.5	35.000	0.160	0.203	3	10	SB - 1	49,790	42,330	1.09	1.41	1.54	2.00			
	W27 x 146	37.875	0.103	0.136	3/4 x 14	1 x 14	1/2 x 25.5	37.750	0.119	0.154	3	10	SB - 2	49,850	44,590	1.21	1.57	1.69	2.20			
	W30 x 173	41.000	0.071	0.097	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.071	0.095	3	8	SB - 3	58,200	55,920	1.74	2.25	2.36	3.07			
	W33 x 118	43.375	0.098	0.126	3/4 x 12	3/4 x 12	1/2 x 31.5	43.500	0.097	0.124	3	12	SB - 1	42,570	42,130	1.10	1.42	1.55	2.01			
	W36 x 135	46.000	0.074	0.097	3/4 x 12	7/8 x 12	1/2 x 34	46.125	0.077	0.100	3	10	SB - 1	47,850	45,150	1.40						

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TABLE OF REQUIRED BEAM SIZES, DESIGN DATA AND STEEL QUANTITIES															LOAD RATING FACTORS				
SPAN (ft)	ROLLED BEAM				OPTIONAL PLATE GIRDER						Diaphragm Spaces "N" (ea)	Stud Spacing "X" (in)	Elastomeric Bearing Type	Estimated Quantities Structural Steel (lbs)		STRENGTH I		SERVICE II	
	Beam Member	Dimension "Y" (in)	Deflection "A" (feet)		Plate Sizes (Inches)			Dimension "Y" (in)	Deflection "A" (feet)					Rolled Beam	① PL Girder	INV	OPR	INV	OPR
			Slab DL	Total DL	Top Flange	Bot Flange	Web		Slab DL	Total DL									
65	W21 x 201	33.500	0.154	0.214	1 x 12	1 3/4 x 12	1/2 x 19.75	33.000	0.214	0.278	3	9	SB - 1	71,420	53,850	1.12	1.45	1.60	2.08
	W24 x 162	35.500	0.157	0.211	3/8 x 12	1 1/2 x 12	1/2 x 22.5	35.375	0.190	0.245	3	9	SB - 1	58,800	50,460	1.08	1.40	1.54	2.00
	W27 x 146	37.875	0.143	0.189	3/4 x 14	1 1/8 x 14	1/2 x 25.5	37.875	0.158	0.204	3	10	SB - 2	53,570	49,760	1.05	1.36	1.49	1.94
	W30 x 173	41.000	0.098	0.135	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.098	0.132	3	9	SB - 3	62,490	59,980	1.46	1.90	2.02	2.62
	W33 x 130	43.625	0.120	0.156	3/4 x 12	1 1/8 x 12	1/2 x 31.5	43.625	0.126	0.162	3	12	SB - 1	49,480	46,710	1.03	1.33	1.46	1.90
	W36 x 135	46.000	0.103	0.135	3/4 x 12	1 1/8 x 12	1/2 x 34	46.125	0.107	0.138	3	11	SB - 1	51,220	48,250	1.16	1.50	1.63	2.12
W40 x 149	48.750	0.082	0.109	3/4 x 12	1 1/8 x 12	1/2 x 36.5	48.750	0.087	0.114	3	10	SB - 1	55,900	51,460	1.46	1.89	2.02	2.62	
70	W24 x 192	36.000	0.177	0.244	1 1/8 x 12	1 3/4 x 12	1/2 x 22.5	35.875	0.210	0.278	3	9	SB - 2	73,430	61,070	1.11	1.44	1.58	2.06
	W27 x 178	38.250	0.157	0.215	3/4 x 14	1 1/4 x 14	1/2 x 25.5	38.000	0.204	0.265	3	10	SB - 2	68,490	55,230	1.04	1.34	1.49	1.93
	W30 x 173	41.000	0.133	0.182	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.133	0.179	3	10	SB - 3	66,800	64,050	1.23	1.60	1.73	2.26
	W33 x 152	44.000	0.134	0.179	3/4 x 12	1 1/8 x 12	1/2 x 31.5	43.875	0.154	0.200	3	11	SB - 2	60,560	53,410	1.09	1.41	1.55	2.02
	W36 x 150	46.375	0.121	0.161	3/4 x 12	1 x 12	1/2 x 34	46.250	0.137	0.178	3	11	SB - 2	59,910	53,210	1.09	1.41	1.55	2.02
	W40 x 149	48.750	0.111	0.148	3/4 x 12	1 x 12	1/2 x 36.5	48.750	0.118	0.154	3	11	SB - 2	59,620	54,790	1.23	1.59	1.73	2.25
75	W24 x 229	36.500	0.192	0.275	1 3/8 x 12	2 x 12	1/2 x 22.5	36.375	0.235	0.317	3	11	SB - 2	91,990	72,500	1.11	1.43	1.59	2.06
	W27 x 194	38.625	0.186	0.259	3/8 x 14	1 1/2 x 14	1/2 x 25.5	38.375	0.232	0.307	3	11	SB - 2	78,920	65,380	1.08	1.41	1.55	2.02
	W30 x 173	41.000	0.177	0.241	1 x 15	1 1/4 x 15	1/2 x 28.5	41.250	0.177	0.237	3	11	SB - 3	71,110	68,120	1.03	1.34	1.48	1.93
	W33 x 169	44.375	0.156	0.212	3/4 x 12	1 3/8 x 12	1/2 x 31.5	44.125	0.189	0.246	3	11	SB - 2	70,800	60,560	1.10	1.42	1.57	2.04
	W36 x 160	46.500	0.148	0.200	3/4 x 12	1 1/8 x 12	1/2 x 34	46.375	0.174	0.226	3	11	SB - 2	67,480	58,420	1.02	1.32	1.47	1.91
	W40 x 149	48.750	0.147	0.196	3/4 x 12	1 1/8 x 12	1/2 x 36.5	48.875	0.156	0.203	3	12	SB - 2	63,330	60,030	1.02	1.32	1.48	1.92
80	W24 x 279	37.250	0.200	0.301	1 3/8 x 12	2 1/8 x 12	1/2 x 22.5	36.750	0.271	0.373	4	11	SB - 2	118,840	84,190	1.06	1.38	1.55	2.01
	W27 x 217	38.875	0.215	0.306	1 x 14	1 3/8 x 14	1/2 x 25.75	38.875	0.268	0.359	4	11	SB - 2	94,110	75,420	1.07	1.39	1.55	2.02
	W30 x 191	41.125	0.207	0.288	1 x 15	1 3/8 x 15	1/2 x 28.5	41.375	0.221	0.299	4	11	SB - 3	83,790	75,950	1.04	1.35	1.51	1.97
	W33 x 201	44.125	0.164	0.232	3/4 x 12	1 1/2 x 12	1/2 x 31.5	44.250	0.238	0.312	4	11	SB - 2	89,280	67,610	1.09	1.41	1.57	2.05
	W36 x 170	46.625	0.180	0.246	3/4 x 12	1 3/8 x 12	1/2 x 34	46.625	0.209	0.275	4	11	SB - 2	76,950	67,370	1.03	1.34	1.51	1.96
	W40 x 167	49.125	0.163	0.222	3/4 x 12	1 1/8 x 12	1/2 x 36.5	48.875	0.194	0.255	4	11	SB - 2	75,810	65,100	1.03	1.33	1.50	1.95
85	W27 x 235	39.125	0.253	0.366	1 1/4 x 14	1 7/8 x 14	1/2 x 25.75	39.375	0.285	0.393	4	12	SB - 2	107,170	89,740	1.07	1.39	1.58	2.05
	W30 x 211	41.500	0.238	0.337	1 x 15	1 1/2 x 15	1/2 x 28.5	41.500	0.273	0.369	4	12	SB - 3	97,040	82,880	1.02	1.33	1.50	1.95
	W33 x 201	44.125	0.210	0.297	1 x 12	1 5/8 x 12	1/2 x 31.5	44.625	0.258	0.345	4	12	SB - 2	94,280	77,730	1.04	1.34	1.52	1.97
	W36 x 194	47.000	0.201	0.281	7/8 x 12	1 1/2 x 12	1/2 x 34	46.875	0.241	0.321	4	12	SB - 2	91,370	75,310	1.05	1.36	1.54	2.00
	W40 x 183	49.500	0.181	0.252	7/8 x 12	1 3/8 x 12	1/2 x 36.5	49.250	0.215	0.286	4	12	SB - 2	86,770	75,050	1.10	1.43	1.60	2.08
90	W27 x 258	39.500	0.287	0.424	1 1/2 x 14	2 1/8 x 14	1/2 x 25.5	39.625	0.313	0.441	4	11	SB - 2	123,550	105,220	1.05	1.36	1.55	2.02
	W30 x 235	41.750	0.265	0.383	1 x 15	1 3/4 x 15	1/2 x 28.5	41.750	0.322	0.440	4	12	SB - 3	113,170	93,080	1.03	1.34	1.52	1.98
	W33 x 221	44.375	0.239	0.344	3/4 x 16	1 3/8 x 16	1/2 x 31.5	44.125	0.318	0.427	4	12	SB - 3	108,370	85,900	1.02	1.32	1.50	1.95
	W36 x 231	47.000	0.198	0.288	1 1/8 x 16	1 1/2 x 16	1/2 x 33.5	46.625	0.220	0.309	4	12	SB - 3	112,930	99,790	1.28	1.66	1.84	2.39
	W40 x 199	49.125	0.206	0.290	7/8 x 16	1 1/4 x 16	1/2 x 36.5	49.125	0.225	0.308	4	12	SB - 3	98,600	89,990	1.13	1.46	1.64	2.13
95	W30 x 261	42.125	0.295	0.438	1 x 15	1 7/8 x 15	1/2 x 28.5	41.875	0.389	0.535	4	12	SB - 3	131,460	100,890	1.01	1.31	1.50	1.95
	W33 x 241	44.625	0.271	0.397	1 1/4 x 16	1 1/2 x 16	1/2 x 31.5	44.750	0.296	0.416	4	12	SB - 3	123,450	106,360	1.02	1.32	1.51	1.96
	W36 x 231	47.000	0.247	0.358	1 1/8 x 16	1 1/2 x 16	1/2 x 33.5	46.625	0.275	0.384	4	12	SB - 3	118,770	104,840	1.11	1.43	1.62	2.11
	W40 x 215	49.500	0.225	0.324	7/8 x 16	1 1/4 x 16	1/2 x 36.5	49.125	0.280	0.383	4	12	SB - 3	111,230	94,490	1.03	1.33	1.52	1.98
100	W33 x 263	45.000	0.299	0.447	1 1/8 x 16	1 3/4 x 16	1/2 x 31.5	44.875	0.359	0.504	4	12	SB - 3	140,530	114,900	1.07	1.39	1.58	2.06
	W36 x 247	47.125	0.285	0.419	1 1/8 x 16	1 5/8 x 16	1/2 x 33.5	46.750	0.327	0.459	4	12	SB - 3	132,600	113,300	1.05	1.36	1.56	2.03
	W40 x 249	49.875	0.235	0.350	7/8 x 16	1 1/2 x 16	1/2 x 36.5	49.375	0.320	0.442	4	12	SB - 3	133,670	105,800	1.12	1.45	1.64	2.14
105	W33 x 291	45.375	0.329	0.503	1 1/4 x 16	1 7/8 x 16	1/2 x 31.5	45.125	0.402	0.573	5	12	SB - 3	163,260	128,790	1.03	1.34	1.54	2.01
	W36 x 262	47.375	0.325	0.485	1 1/8 x 16	1 3/4 x 16	1/2 x 33.5	46.875	0.387	0.546	5	12	SB - 3	148,110	123,550	1.00	1.30	1.51	1.97
	W40 x 249	49.875	0.295	0.436	1 x 16	1 3/8 x 16	1/2 x 36.5	49.625	0.355	0.498	5	12	SB - 3	141,370	119,250	1.07	1.38	1.60	2.07
110	W33 x 318	45.625	0.360	0.565	1 1/2 x 16	2 1/8 x 16	1/2 x 31.5	45.625	0.415	0.609	5	12	SB - 3	185,440	149,420	1.09	1.42	1.62	2.11
	W36 x 302	47.875	0.333	0.516	1 1/4 x 16	2 x 16	1/2 x 33.5	47.250	0.416	0.600	5	12	SB - 3	176,720	140,170	1.09	1.41	1.62	2.11
	W40 x 277	50.250	0.320	0.485	1 1/8 x 16	1 3/4 x 16	1/2 x 36.5	49.875	0.392	0.557	5	12	SB - 3	163,050	131,920	1.06	1.37	1.58	2.06
115	W36 x 330	48.125	0.362	0.573	1 3/8 x 16	2 1/8 x 16	1/2 x 33.5	47.500	0.461	0.673	5	12	SB - 3	200,430	153,910	1.04	1.35	1.56	2.03
	W40 x 297	50.375	0.362	0.559	1 1/8 x 16	2 x 16	1/2 x 36.5	50.125	0.442	0.635	5	12	SB - 3	181,540	145,270	1.04	1.35	1.59	2.06
120	W40 x 324	50.625	0.390	0.615	1 1/4 x 16	2 1/8 x 16	1/2 x 36.5	50.375	0.485	0.706	5	12	SB - 3	205,220	159,310	1.06	1.38	1.60	2.08

① For Contractor's information only. Base structural steel pay weight on rolled beam weight.

Bridge Division Standard

STEEL BEAM STANDARD DESIGNS 30' ROADWAY

SBSD-30

FILE: SB-SBSD30-21.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
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REVISIONS	DIST	COUNTY	SHEET NO.	