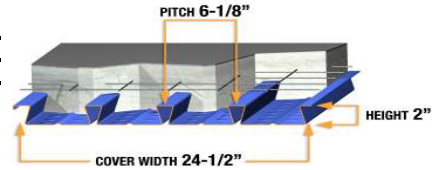


2" high x 6-1/8" pitch x 24-1/2" wide

SECTION PROPERTIES

fy=40 ksi

GAGE	Wd	I _b	Sp	Sn	Rbe			Rbi		
					2"	3"	4"	4"	5"	6"
22	2.23	0.407	0.288	0.281	968	1115	1238	1832	1975	2105
20	2.71	0.495	0.361	0.347	1378	1580	1750	2600	2797	2976
18	3.58	0.658	0.483	0.484	2296	2615	2884	4317	4628	4908
16	4.51	0.832	0.614	0.617	3500	3965	4357	6566	7017	7424



SIMPLE SPAN - MAXIMUM SUPERIMPOSED LSD LOADS, (psf), NO STUDS ON BEAMS

Span	h (Wc)	Load Combinations	4" (35.2)				4.25" (37.6)				4.5" (40)				4.75" (42.39)				
			GAGE																
			22	20	18	16	22	20	18	16	22	20	18	16	22	20	18	16	
8' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	308	382	500	500	330	417	500	500	338	452	500	500	345	487	500	500	500
		L (Deflection)	308	382	400	400	330	400	400	400	338	400	400	400	345	400	400	400	400
		L (Deflection)	308	382	400	400	330	400	400	400	338	400	400	400	345	400	400	400	400
9' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	216	294	446	500	236	304	470	500	257	311	492	500	278	317	500	500	500
		L (Deflection)	216	294	400	400	236	304	400	400	257	311	400	400	278	317	400	400	400
		L (Deflection)	216	294	348	383	236	304	400	400	257	311	400	400	278	317	400	400	400
10' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	172	224	317	442	188	245	330	467	204	266	341	490	221	288	350	500	500
		L (Deflection)	172	224	317	400	188	245	330	400	204	266	341	400	221	288	350	400	400
		L (Deflection)	172	224	253	279	188	245	298	328	204	266	341	382	221	288	350	400	400
11' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	138	184	223	326	151	201	309	341	165	219	336	354	178	237	364	364	364
		L (Deflection)	138	184	223	315	151	201	295	341	165	219	336	354	178	237	364	364	364
		L (Deflection)	138	170	190	210	151	200	224	247	165	219	261	287	178	237	302	332	332
12' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	113	153	230	249	124	167	254	280	135	182	277	312	146	197	300	347	347
		L (Deflection)	113	153	181	203	124	167	217	243	135	182	258	287	146	197	300	337	337
		L (Deflection)	113	131	147	162	124	154	172	190	135	180	201	221	146	197	233	256	256
13' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	93	126	187	203	102	138	211	229	111	150	231	256	121	163	250	285	285
		L (Deflection)	93	116	134	151	102	138	162	182	111	150	194	217	121	163	229	255	255
		L (Deflection)	93	103	115	127	102	121	136	149	111	141	158	174	121	163	183	201	201
14' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	77	104	153	167	85	114	173	188	92	125	194	211	100	135	211	235	235
		L (Deflection)	77	85	100	113	85	105	122	137	92	125	146	164	100	135	174	195	195
		L (Deflection)	76	82	92	102	85	97	109	120	92	113	127	139	100	131	147	161	161
15' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	64	87	126	137	70	96	142	155	77	104	161	175	84	113	179	196	196
		L (Deflection)	55	62	74	84	70	78	91	104	77	95	111	125	84	113	133	150	150
		L (Deflection)	55	62	74	83	70	78	88	97	77	92	103	113	84	107	119	131	131
16' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	53	73	103	113	58	80	117	129	64	88	133	145	69	95	149	163	163
		L (Deflection)	39	45	54	63	50	57	68	78	63	71	84	95	69	86	101	115	115
		L (Deflection)	39	45	54	63	50	57	68	78	63	71	84	93	69	86	98	108	108
17' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	43	61	84	93	43	67	97	106	47	74	110	121	51	81	124	136	136
		L (Deflection)	26	31	39	46	35	41	50	58	46	52	62	72	51	65	77	88	88
		L (Deflection)	26	31	39	46	35	41	50	58	46	52	62	72	51	65	77	88	88
18' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	30	51	69	76	34	57	79	88	38	62	91	100	41	68	103	113	113
		L (Deflection)	16	20	26	32	23	28	35	42	32	37	46	54	41	47	57	67	67
		L (Deflection)	16	20	26	32	23	28	35	42	32	37	46	54	41	47	57	67	67
19' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	24	43	55	62	27	48	65	72	30	47	74	83	33	51	85	94	94
		L (Deflection)	8	11	17	21	14	18	24	30	21	25	32	39	28	33	42	50	50
		L (Deflection)	8	11	17	21	14	18	24	30	21	25	32	39	28	33	42	50	50
20' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	18	31	44	50	21	35	52	59	23	38	61	68	26	42	70	78	78
		L (Deflection)	2	4	9	13	6	9	15	19	12	15	22	27	18	22	29	36	36
		L (Deflection)	2	4	9	13	6	9	15	19	12	15	22	27	18	22	29	36	36

MAXIMUM UNSHORED CONSTRUCTION CLEAR SPANS

	8' - 6"	9' - 10"	11' - 0"	11' - 10"	8' - 4"	9' - 7"	10' - 9"	11' - 7"	8' - 2"	9' - 5"	10' - 7"	11' - 4"	8' - 0"	9' - 3"	10' - 5"	11' - 2"
1span	8' - 6"	9' - 10"	11' - 0"	11' - 10"	8' - 4"	9' - 7"	10' - 9"	11' - 7"	8' - 2"	9' - 5"	10' - 7"	11' - 4"	8' - 0"	9' - 3"	10' - 5"	11' - 2"
2span	8' - 6"	9' - 10"	12' - 0"	13' - 5"	8' - 4"	9' - 7"	11' - 9"	13' - 2"	8' - 2"	9' - 5"	11' - 6"	13' - 0"	8' - 0"	9' - 3"	11' - 4"	12' - 9"
3span	8' - 10"	10' - 2"	12' - 5"	13' - 10"	8' - 7"	9' - 11"	12' - 2"	13' - 7"	8' - 5"	9' - 9"	11' - 11"	13' - 5"	8' - 3"	9' - 6"	11' - 8"	13' - 2"
cantilever	3' - 0"	3' - 6"	4' - 7"	5' - 5"	3' - 0"	3' - 6"	4' - 6"	5' - 4"	2' - 11"	3' - 5"	4' - 5"	5' - 3"	2' - 11"	3' - 5"	4' - 4"	5' - 2"
cy/100sf	1.13				1.21				1.29				1.37			

8' - 0"	α _D D+α _L L (Strength)	308	← Max. superimposed LSD factored dead + live load (psf) (governed by strength limitation)
	D+L (Deflection)	308	← Max. superimposed LSD unfactored dead + live load (psf) (governed by deflection limitation of L/240)
	L (Deflection)	308	← Max. superimposed LSD unfactored live load (psf) (governed by deflection limitation of L/360)
			← Vertical load span (center to center spacing)

- Wd** Weight of deck (uncoated), psf
- I_b** Moment of inertia for deflection per foot of deck width (in⁴/ft)
- Sp** Section modulus for positive bending per foot of deck width, (in³/ft)
- Sn** Section modulus for negative bending per foot of deck width, (in³/ft)
- fc** 3000 psi
- α_D, α_L Load factors for dead and live loads, respectively, to be applied by Engineer in accordance with Building Codes
- Rbe** Allowable exterior web crippling value per foot of deck, pf
- Rbi** Allowable interior web crippling value per foot of deck, pf
- h** Total height of concrete slab, in
- Wc** Weight of concrete (neglecting deflection), psf
- D** Uniform dead load, psf
- L** Uniform live load, psf

Construction spans shown based on 1.5" exterior bearing and 3" interior bearing width.
 The section property table is based on 2001 AISI's Cold-Formed Steel Design Manual, 2004 Supplement. The live loads and unshored construction clear spans are based on the Canadian Sheet Steel Building Institute's Standard for Composite Steel Deck (CSSBI 12M-06), September 2006 and Criteria for the Design of Composite Slabs (CSSBI S3-2002), September 2003. The loads in these tables are based on a Simple Span Design Analysis.

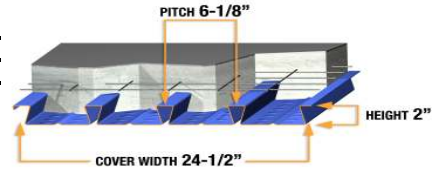
115 PCF CONCRETE

2" high x 6-1/8" pitch x 24-1/2" wide

SECTION PROPERTIES

fy=40 ksi

GAGE	Wd	I _b	Sp	Sn	Rbe			Rbi		
					2"	3"	4"	4"	5"	6"
22	2.23	0.407	0.288	0.281	968	1115	1238	1832	1975	2105
20	2.71	0.495	0.361	0.347	1378	1580	1750	2600	2797	2976
18	3.58	0.658	0.483	0.484	2296	2615	2884	4317	4628	4908
16	4.51	0.832	0.614	0.617	3500	3965	4357	6566	7017	7424



SIMPLE SPAN - MAXIMUM SUPERIMPOSED LSD LOADS, (psf), NO STUDS ON BEAMS

Span	h (Wc)	Load Combinations	5" (44.79)				5.25" (47.18)				5.5" (49.58)				5.75" (51.97)			
			GAGE															
			22	20	18	16	22	20	18	16	22	20	18	16	22	20	18	16
8' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	384	500	500	500	411	500	500	500	439	500	500	500	466	500	500	500
		L (Deflection)	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		L (Deflection)	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
9' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	299	320	500	500	320	411	500	500	342	439	500	500	363	467	500	500
		L (Deflection)	299	320	400	400	320	400	400	400	342	400	400	400	363	400	400	400
		L (Deflection)	299	320	400	400	320	400	400	400	342	400	400	400	363	400	400	400
10' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	238	310	357	500	255	332	361	500	272	355	500	500	289	378	500	500
		L (Deflection)	238	310	357	400	255	332	361	400	272	355	400	400	289	378	400	400
		L (Deflection)	238	310	357	400	255	332	361	400	272	355	400	400	289	378	400	400
11' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	192	255	392	373	206	273	420	500	220	292	449	500	234	311	478	500
		L (Deflection)	192	255	392	373	206	273	400	400	220	292	400	400	234	311	400	400
		L (Deflection)	192	255	347	373	206	273	396	400	220	292	400	400	234	311	400	400
12' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	157	212	323	383	169	228	347	422	180	244	371	462	192	259	395	500
		L (Deflection)	157	212	323	383	169	228	347	400	180	244	371	400	192	259	395	400
		L (Deflection)	157	212	267	294	169	228	305	335	180	244	347	381	192	259	391	400
13' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	130	175	270	315	140	188	290	347	150	201	310	381	159	215	330	417
		L (Deflection)	130	175	267	297	140	188	290	344	150	201	310	381	159	215	330	400
		L (Deflection)	130	175	210	231	140	188	240	264	150	201	273	299	159	215	308	338
14' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	108	146	227	261	117	157	244	288	125	168	261	317	133	179	279	347
		L (Deflection)	108	146	204	228	117	157	238	265	125	168	261	305	133	179	279	347
		L (Deflection)	108	146	168	185	117	157	192	211	125	168	218	240	133	179	246	270
15' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	91	123	193	218	98	132	208	241	104	141	222	265	104	151	237	291
		L (Deflection)	91	123	157	176	98	132	184	206	104	141	213	238	104	151	237	273
		L (Deflection)	91	122	137	151	98	132	156	172	104	141	177	195	104	151	200	220
16' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	69	103	165	182	74	111	178	202	80	119	190	223	86	127	203	245
		L (Deflection)	69	103	121	137	74	111	142	161	80	119	166	187	86	127	192	215
		L (Deflection)	69	101	113	124	74	111	129	142	80	119	146	161	86	127	165	181
17' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	56	87	139	152	61	94	153	170	65	101	164	188	70	108	175	207
		L (Deflection)	56	79	93	106	61	94	110	125	65	101	130	147	70	108	151	170
		L (Deflection)	56	79	93	103	61	94	107	118	65	101	122	134	70	108	138	151
18' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	45	74	116	128	49	73	130	143	53	78	142	158	57	84	151	175
		L (Deflection)	45	59	70	81	49	72	85	97	53	78	101	115	57	84	118	134
		L (Deflection)	45	59	70	81	49	72	85	97	53	78	101	113	57	84	116	127
19' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	36	56	96	107	40	61	108	120	43	66	121	134	46	70	131	148
		L (Deflection)	36	43	53	62	40	53	65	75	43	65	78	90	46	70	92	106
		L (Deflection)	36	43	53	62	40	53	65	75	43	65	78	90	46	70	92	106
20' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	29	46	80	89	31	50	90	100	34	54	101	112	37	59	113	125
		L (Deflection)	25	30	38	46	31	39	48	57	34	48	59	69	37	59	71	83
		L (Deflection)	25	30	38	46	31	39	48	57	34	48	59	69	37	59	71	83

MAXIMUM UNSHORED CONSTRUCTION CLEAR SPANS

	7' - 10"	9' - 1"	10' - 3"	11' - 0"	7' - 9"	8' - 11"	10' - 0"	10' - 10"	7' - 7"	8' - 9"	9' - 11"	10' - 8"	7' - 6"	8' - 7"	9' - 9"	10' - 6"
1span	7' - 10"	9' - 0"	11' - 1"	12' - 6"	7' - 8"	8' - 10"	10' - 11"	12' - 4"	7' - 6"	8' - 8"	10' - 9"	12' - 2"	7' - 5"	8' - 7"	10' - 6"	12' - 0"
2span	8' - 1"	9' - 4"	11' - 6"	12' - 11"	7' - 11"	9' - 2"	11' - 3"	12' - 9"	7' - 9"	9' - 0"	11' - 1"	12' - 7"	7' - 8"	8' - 10"	10' - 11"	12' - 5"
3span	2' - 10"	3' - 4"	4' - 3"	5' - 1"	2' - 10"	3' - 4"	4' - 3"	5' - 0"	2' - 10"	3' - 3"	4' - 2"	4' - 11"	2' - 9"	3' - 3"	4' - 1"	4' - 10"
cantilever																
cy/100sf	1.44				1.52				1.60				1.67			

8' - 0"	α _D D+α _L L (Strength)	384	← Max. superimposed LSD factored dead + live load (psf) (governed by strength limitation)
	D+L (Deflection)	384	← Max. superimposed LSD unfactored dead + live load (psf) (governed by deflection limitation of L/240)
	L (Deflection)	384	← Max. superimposed LSD unfactored live load (psf) (governed by deflection limitation of L/360)
			← Vertical load span (center to center spacing)

- Wd** Weight of deck (uncoated), psf
- I_b** Moment of inertia for deflection per foot of deck width (in⁴/ft)
- Sp** Section modulus for positive bending per foot of deck width, (in³/ft)
- Sn** Section modulus for negative bending per foot of deck width, (in³/ft)
- fc** 3000 psi
- α_D, α_L Load factors for dead and live loads, respectively, to be applied by Engineer in accordance with Building Codes
- Rbe** Allowable exterior web crippling value per foot of deck, pif
- Rbi** Allowable interior web crippling value per foot of deck, pif
- h** Total height of concrete slab, in
- Wc** Weight of concrete (neglecting deflection), psf
- D** Uniform dead load, psf
- L** Uniform live load, psf

Construction spans shown based on 1.5" exterior bearing and 3" interior bearing width.
 The section property table is based on 2001 AISI's Cold-Formed Steel Design Manual, 2004 Supplement. The live loads and unshored construction clear spans are based on the Canadian Sheet Steel Building Institute's Standard for Composite Steel Deck (CSSBI 12M-06), September 2006 and Criteria for the Design of Composite Slabs (CSSBI S3-2002), September 2003. The loads in these tables are based on a Simple Span Design Analysis.

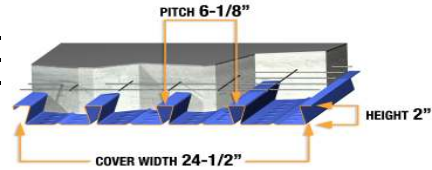
115 PCF CONCRETE

2" high x 6-1/8" pitch x 24-1/2" wide

SECTION PROPERTIES

fy=40 ksi

GAGE	Wd	I _b	Sp	Sn	Rbe			Rbi		
					2"	3"	4"	4"	5"	6"
22	2.23	0.407	0.288	0.281	968	1115	1238	1832	1975	2105
20	2.71	0.495	0.361	0.347	1378	1580	1750	2600	2797	2976
18	3.58	0.658	0.483	0.484	2296	2615	2884	4317	4628	4908
16	4.51	0.832	0.614	0.617	3500	3965	4357	6566	7017	7424



SIMPLE SPAN - MAXIMUM SUPERIMPOSED LSD LOADS, (psf), NO STUDS ON BEAMS

Span	h (Wc)	Load Combinations	6" (54.37)				6.25" (56.77)				6.5" (59.16)				6.75" (61.56)			
			GAGE															
			22	20	18	16	22	20	18	16	22	20	18	16	22	20	18	16
8' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	494	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
		L (Deflection)	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		L (Deflection)	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
9' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	385	495	500	500	407	500	500	500	429	500	500	500	451	500	500	500
		L (Deflection)	385	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		L (Deflection)	385	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
10' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	307	401	500	500	324	424	500	500	342	447	500	500	360	470	500	500
		L (Deflection)	307	400	400	400	324	400	400	400	342	400	400	400	360	400	400	400
		L (Deflection)	307	400	400	400	324	400	400	400	342	400	400	400	360	400	400	400
11' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	249	330	500	500	263	349	500	500	277	368	500	500	292	387	500	500
		L (Deflection)	249	330	400	400	263	349	400	400	277	368	400	400	292	387	400	400
		L (Deflection)	249	330	400	400	263	349	400	400	277	368	400	400	292	387	400	400
12' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	204	275	419	500	216	291	444	500	228	307	469	500	240	324	493	500
		L (Deflection)	204	275	400	400	216	291	400	400	228	307	400	400	240	324	400	400
		L (Deflection)	204	275	400	400	216	291	400	400	228	307	400	400	240	324	400	400
13' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	169	228	351	453	179	241	371	492	189	255	392	500	199	268	413	500
		L (Deflection)	169	228	351	400	179	241	371	400	189	255	392	400	199	268	400	400
		L (Deflection)	169	228	345	379	179	241	371	400	189	255	392	400	199	268	400	400
14' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	142	190	296	378	150	202	314	411	158	213	331	445	158	225	349	479
		L (Deflection)	142	190	296	378	150	202	314	400	158	213	331	400	158	225	349	400
		L (Deflection)	142	190	277	304	150	202	309	339	158	213	331	377	158	225	349	400
15' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	111	160	252	318	118	170	267	346	125	179	282	374	132	189	297	404
		L (Deflection)	111	160	252	311	118	170	267	346	125	179	282	374	132	189	297	400
		L (Deflection)	111	160	225	247	118	170	251	276	125	179	280	307	132	189	297	340
16' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	91	135	216	268	97	144	229	292	103	152	242	317	109	160	255	343
		L (Deflection)	91	135	216	246	97	144	229	280	103	152	242	315	109	160	255	343
		L (Deflection)	91	135	185	203	97	144	207	227	103	152	230	253	109	160	255	280
17' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	75	107	186	227	80	114	197	248	85	121	209	269	90	127	220	292
		L (Deflection)	75	107	174	195	80	114	197	223	85	121	209	252	90	127	220	284
		L (Deflection)	75	107	154	170	80	114	173	189	85	121	192	211	90	127	213	234
18' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	61	90	161	193	65	96	171	211	69	101	181	230	74	107	191	249
		L (Deflection)	61	90	137	155	65	96	158	178	69	101	180	203	74	107	191	229
		L (Deflection)	61	90	130	143	65	96	145	160	69	101	162	178	74	107	179	197
19' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	50	75	140	163	53	80	149	179	57	85	157	196	60	90	166	213
		L (Deflection)	50	75	108	123	53	80	125	142	57	85	144	163	60	90	163	185
		L (Deflection)	50	75	108	121	53	80	124	136	57	85	138	151	60	90	152	167
20' - 0"	α _D D+α _L L (Strength)	D+L (Deflection)	40	63	122	138	43	67	130	152	46	71	137	167	49	76	136	182
		L (Deflection)	40	63	84	97	43	67	99	113	46	71	114	130	49	76	131	149
		L (Deflection)	40	63	84	97	43	67	99	113	46	71	114	129	49	76	131	143

MAXIMUM UNSHORED CONSTRUCTION CLEAR SPANS

	7' - 4"	8' - 6"	9' - 7"	10' - 4"	7' - 3"	8' - 4"	9' - 6"	10' - 3"	7' - 2"	8' - 3"	9' - 4"	10' - 1"	7' - 0"	8' - 1"	9' - 3"	10' - 0"
1span	7' - 4"	8' - 6"	9' - 7"	10' - 4"	7' - 3"	8' - 4"	9' - 6"	10' - 3"	7' - 2"	8' - 3"	9' - 4"	10' - 1"	7' - 0"	8' - 1"	9' - 3"	10' - 0"
2span	7' - 3"	8' - 5"	10' - 4"	11' - 9"	7' - 2"	8' - 3"	10' - 2"	11' - 7"	7' - 0"	8' - 2"	10' - 0"	11' - 6"	6' - 11"	8' - 0"	9' - 11"	11' - 4"
3span	7' - 6"	8' - 8"	10' - 9"	12' - 2"	7' - 5"	8' - 7"	10' - 7"	12' - 0"	7' - 3"	8' - 5"	10' - 5"	11' - 11"	7' - 2"	8' - 3"	10' - 3"	11' - 9"
cantilever	2' - 9"	3' - 2"	4' - 1"	4' - 9"	2' - 9"	3' - 2"	4' - 0"	4' - 9"	2' - 8"	3' - 2"	4' - 0"	4' - 8"	2' - 8"	3' - 1"	3' - 11"	4' - 7"
cy/100sf	1.75				1.83				1.91				1.98			

8' - 0"	α _D D+α _L L (Strength)	494	← Max. superimposed LSD factored dead + live load (psf) (governed by strength limitation)
	D+L (Deflection)	400	← Max. superimposed LSD unfactored dead + live load (psf) (governed by deflection limitation of L/240)
	L (Deflection)	400	← Max. superimposed LSD unfactored live load (psf) (governed by deflection limitation of L/360)
			← Vertical load span (center to center spacing)

- Wd** Weight of deck (uncoated), psf
- I_b** Moment of inertia for deflection per foot of deck width (in⁴/ft)
- Sp** Section modulus for positive bending per foot of deck width, (in³/ft)
- Sn** Section modulus for negative bending per foot of deck width, (in³/ft)
- f_c** 3000 psi
- α_D, α_L Load factors for dead and live loads, respectively, to be applied by Engineer in accordance with Building Codes
- Rbe** Allowable exterior web crippling value per foot of deck, pf
- Rbi** Allowable interior web crippling value per foot of deck, pf
- h** Total height of concrete slab, in
- Wc** Weight of concrete (neglecting deflection), psf
- D** Uniform dead load, psf
- L** Uniform live load, psf

Construction spans shown based on 1.5" exterior bearing and 3" interior bearing width.
 The section property table is based on 2001 AISI's Cold-Formed Steel Design Manual, 2004 Supplement. The live loads and unshored construction clear spans are based on the Canadian Sheet Steel Building Institute's Standard for Composite Steel Deck (CSSBI 12M-06), September 2006 and Criteria for the Design of Composite Slabs (CSSBI S3-2002), September 2003. The loads in these tables are based on a Simple Span Design Analysis.

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