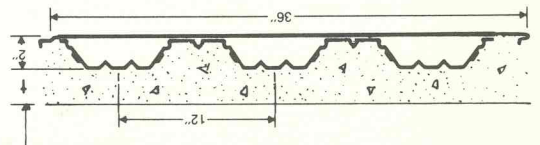


SECTION PROPERTIES

Steel Unit Only

$I_s = .654$
 $(+) S_t = .448$
 $(-) S_b = 1.067$
 $(-) S_t = .423$
 $(-) S_b = .613$



N=9
Concrete Weight = 145 pcf
Concrete Strength ($f'c$) = 3000 psi
Slab Width = 12 in.

Concrete Slab Thickness, t (in.)				
4.5	3.5	3	2.5	2.0
Dead Load (psf)	70.2	58.2	46.1	40.0
V_R lbs.	2015	1689	1377	1231
I_c	19,109	12,731	7,789	5,841
S_{cc}	8,274	6,184	4,368	3,575
S_{bc}	4,483	3,624	2,793	2,395

TOTAL SUPERIMPOSED LOAD,
POUNDS PER SQUARE FOOT

Concrete Slab Thickness, t (in.)				
4.5	3.5	3	2.5	2.0
7.5	328	367	408	450
7.75	317	355	395	435
8.	307	344	382	422
8.25	298	334	371	409
8.5	289	324	360	397
8.75	281	314	349	384
9.	273	306	340	373
9.25	266	297	332	363
9.5	259	290	325	354
9.75	252	283	318	346
10.	221	246	272	299
10.25	215	239	265	291
10.5	209	232	257	283
10.75	200	226	251	276
11.	220	244	269	320
11.25	215	238	262	312
11.5	209	232	255	304
11.75	198	226	249	296
12.	188	221	243	289
12.25	206	232	252	296
12.5	216	237	257	302
12.75	195	226	246	292
13.	185	221	241	287
13.25	176	212	232	278
13.5	167	202	222	269
13.75	192	232	252	302
14.	182	222	242	292
14.25	173	213	233	283
14.5	165	204	224	274

* Denotes shoring required on simple spans, no shoring on multiple spans.
** Denotes shoring required on simple and 2-span conditions only.
*** Denotes shoring required on all span conditions.

For use of design loads in excess of 200 psf (above horizontal line) see note 6a page 8.

TOTAL SUPERIMPOSED LOAD,
POUNDS PER SQUARE FOOT

Concrete Slab Thickness, t (in.)				
4.1875	3.25	3	2.5	2.0
Dead Load (psf)	42.6	40.3	35.8	31.2
V_R lbs.	1873	1505	1359	1221
I_c	14,720	8,667	6,667	4,984
S_{cc}	5,614	3,861	3,218	2,638
S_{bc}	4,047	3,268	2,667	2,284

N=14
Concrete Weight = 110 pcf
Concrete Strength ($f'c$) = 3000 psi
Slab Width = 12 in.

Concrete Slab Thickness, t (in.)				
4.1875	3.25	3	2.5	2.0
7.5	325	362	401	421
7.75	315	350	388	408
8.	305	339	376	395
8.25	296	329	364	383
8.5	287	319	354	372
8.75	279	310	344	361
9.	271	302	334	351
9.25	264	293	325	341
9.5	254	286	316	332
9.75	235	278	308	324
10.	218	271	275	288
10.25	202	265	267	281
10.5	188	236	260	273
10.75	175	230	254	266
11.	219	247	259	307
11.25	205	241	253	299
11.5	192	236	247	292
11.75	180	230	241	285
12.	169	219	236	278
12.25	206	230	230	272
12.5	194	219	219	266
12.75	183	206	206	260
13.	172	195	195	254
13.25	163	184	184	249
13.5	154	174	174	243
13.75	164	164	164	238
14.	156	156	156	234
14.25	147	147	147	222
14.5	138	138	138	211