

MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 21 psf					Shoring Tables 		
	20 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in feet (ft.)					Imperial		
Number of shoring lines required	Total slab thickness (in.)							
	10.5"	11.0"	11.5"	12.0"	12.5"	13.0"	13.5"	14.0"
None	15.70	15.12	14.61	14.14	13.72	13.33	12.95	12.59
1 line at center of span	19.00	17.08	15.51	14.20	13.10	12.16	11.34	10.63
2 lines equally spaced across span	32.38	29.11	26.43	24.21	22.33	20.73	19.33	18.12

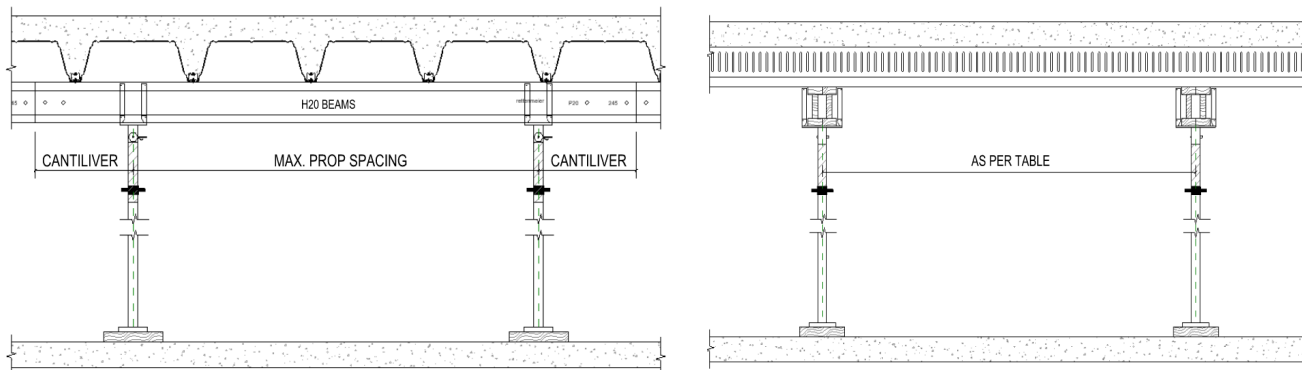
MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 21 psf					Shoring Tables 		
	18 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in feet (ft.)					Imperial		
Number of shoring lines required	Total slab thickness (in.)							
	10.5"	11.0"	11.5"	12.0"	12.5"	13.0"	13.5"	14.0"
None	16.71	16.28	15.89	15.55	15.11	14.69	14.30	13.93
1 line at center of span	25.60	23.46	21.65	19.95	18.41	17.09	15.95	14.95
2 lines equally spaced across span	36.08	36.08	36.08	34.01	31.38	29.13	27.19	25.48

MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 21 psf					Shoring Tables 		
	16 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in feet (ft.)					Imperial		
Number of shoring lines required	Total slab thickness (in.)							
	10.5"	11.0"	11.5"	12.0"	12.5"	13.0"	13.5"	14.0"
None	17.79	17.33	16.92	16.56	16.23	15.94	15.67	15.42
1 line at center of span	36.08	35.25	32.56	30.25	28.24	26.48	24.93	23.55
2 lines equally spaced across span	36.08	36.08	36.08	36.08	36.08	36.08	36.08	36.08

TABLE NOTES:

1. Purpose of this table is to provide guidance on the required number of shoring lines.
2. Maximum unshored span values in above tables are limited to the maximum spans based on strength and deflection criteria of L/180 or max.3/4 inch as per CSSBI 12M-2018: Standard for Composite Steel Deck.
3. Max. Prop spacing and shoring configuration as per the specifications of used shoring system and to be confirmed by the Project's Shoring Engineer.
4. Values are based on Normal Density of Concrete = 145 pcf.
5. The uniform construction live load of 21 psf is considered adequate for typical construction applications that consists of transport and placement by hose and finishing by hand tools. If concrete is poured using bucket/chutes and heavier equipments are used for finishing, uniform construction live load of 50 psf or higher to be used.

TYPICAL SHORING SECTIONS:



MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 50 psf					Shoring Tables 		
	20 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in feet (ft.)					Imperial		
Number of shoring lines required	Total slab thickness (in.)							
	10.5"	11.0"	11.5"	12.0"	12.5"	13.0"	13.5"	14.0"
None	13.10	12.76	12.45	12.15	11.88	11.63	11.39	11.16
1 line at center of span	15.40	14.35	13.43	12.63	11.92	11.28	10.71	10.19
2 lines equally spaced across span	26.24	24.46	22.90	21.53	20.31	19.23	18.25	17.37

MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 50 psf					Shoring Tables		
	18 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in feet (ft.)					Imperial		
Number of shoring lines required	Total slab thickness (in.)							
	10.5"	11.0"	11.5"	12.0"	12.5"	13.0"	13.5"	14.0"
None	14.44	14.07	13.72	13.40	13.10	12.82	12.56	12.31
1 line at center of span	20.38	19.00	17.79	16.73	15.79	14.95	14.19	13.51
2 lines equally spaced across span	34.74	32.39	30.33	28.52	26.92	25.48	24.20	23.03

MegaSPAN COMPOSITE FLOORING SYSTEM	Construction Live Load - 50 psf					Shoring Tables 		
	16 Ga. Steel deck thickness					Limit State Design		
	Maximum unshored span length for shoring lines in feet (ft.)					Imperial		
Number of shoring lines required	Total slab thickness (in.)							
	10.5"	11.0"	11.5"	12.0"	12.5"	13.0"	13.5"	14.0"
None	16.57	16.15	15.75	15.39	15.04	14.72	14.42	14.14
1 line at center of span	30.66	28.60	26.80	25.21	23.80	22.54	21.41	20.38
2 lines equally spaced across span	36.08	36.08	36.08	36.08	36.08	36.08	36.08	34.75

TABLE NOTES:

1. Purpose of this table is to provide guidance on the required number of shoring lines.
2. Maximum unshored span values in above tables are limited to the maximum spans based on strength and deflection criteria of L/180 or max. 3/4 inch as per CSSBI 12M-2018: Standard for Composite Steel Deck.
3. Max. Prop spacing and shoring configuration as per the specifications of used shoring system and to be confirmed by the Project's Shoring Engineer.
4. Values are based on Normal Density of Concrete = 145 pcf.
5. The uniform construction live load of 21 psf is considered adequate for typical construction applications that consists of transport and placement by hose and finishing by hand tools. If concrete is poured using bucket/chutes and heavier equipments are used for finishing, uniform construction live load of 50 psf or higher to be used.

TYPICAL SHORING SECTIONS:

