



Table 10-20.1(a) Deck Slab Thickness and Reinforcement Schedule

REINFORCED CONCRETE BOX & STEEL GIRDERS w/ flange width >12" and < 24"						
"S"	"t"	Dimension	Transverse Bars		"D" Bars	"G" Bars
Girder CL to CL Spacing	Top Slab Thickness	"F"	Size	Spacing ¹	#5 Bars	#4 Bars
4'- 0"	7"	6"	#5	12"	3	2
4'- 3"	7"	6"	#5	12"	3	2
4'- 6"	7"	6"	#5	12"	3	2
4'- 9"	7"	7"	#5	12"	3	2
5'- 0"	7"	7"	#5	12"	4	2
5'- 3"	7"	7"	#5	12"	4	3
5'- 6"	7"	8"	#5	12"	4	3
5'- 9"	7"	8"	#5	11"	4	3
6'- 0"	7 1/8"	9"	#5	11"	5	3
6'- 3"	7 1/8"	9"	#5	11"	5	3
6'- 6"	7 1/4"	9"	#5	11"	5	3
6'- 9"	7 3/8"	10"	#5	11"	5	3
7'- 0"	7 1/2"	10"	#5	10"	6	3
7'- 3"	7 1/2"	11"	#5	10"	6	3
7'- 6"	7 5/8"	11"	#5	10"	6	3
7'- 9"	7 3/4"	11"	#5	10"	6	3
8'- 0"	7 3/4"	1'- 0"	#5	10"	7	3
8'- 3"	7 7/8"	1'- 0"	#5	10"	7	4
8'- 6"	8"	1'- 1"	#5	10"	7	4
8'- 9"	8 1/8"	1'- 1"	#5	10"	7	4
9'- 0"	8 1/8"	1'- 1"	#5	10"	7	4
9'- 3"	8 1/4"	1'- 2"	#5	10"	8	4
9'- 6"	8 3/8"	1'- 2"	#5	10"	8	4
9'- 9"	8 3/8"	1'- 2"	#5	10"	8	4
10'- 0"	8 1/2"	1'- 3"	#6	12"	10	4
10'- 3"	8 5/8"	1'- 3"	#6	11"	11	4
10'- 6"	8 5/8"	1'- 4"	#6	11"	11	4
10'- 9"	8 3/4"	1'- 4"	#6	11"	11	4
11'- 0"	8 7/8"	1'- 4"	#6	11"	11	4
11'- 3"	8 7/8"	1'- 5"	#6	11"	12	5
11'- 6"	9"	1'- 5"	#6	11"	12	5
11'- 9"	9 1/8"	1'- 6"	#6	11"	12	5
12'- 0"	9 1/8"	1'- 6"	#6	10"	13	5
12'- 3"	9 1/4"	1'- 6"	#6	10"	13	5
12'- 6"	9 3/8"	1'- 7"	#6	10"	13	5
12'- 9"	9 1/2"	1'- 7"	#6	10"	14	5
13'- 0"	9 1/2"	1'- 7"	#6	10"	14	5
13'- 3"	9 5/8"	1'- 8"	#6	10"	14	5
13'- 6"	9 3/4"	1'- 8"	#6	10"	14	5
13'- 9"	9 3/4"	1'- 9"	#6	10"	14	5
14'- 0"	9 7/8"	1'- 9"	#6	10"	14	5
14'- 3"	10"	1'- 9"	#6	10"	14	5
14'- 6"	10 1/8"	1'- 10"	#6	10"	15	5
14'- 9"	10 1/4"	1'- 10"	#6	10"	15	5
15'- 0"	10 3/8"	1'- 11"	#6	10"	15	5

Note: The minimum distance from centerline girder to the negative moment design section has been assumed to be 3".

1. See *Standard Plans BO-5* for additional information on transverse deck reinforcement



Table 10-20.1(b) Deck Slab Thickness and Reinforcement Schedule

CIP PRESTRESSED BOX, PRECAST-I, & STEEL GIRDERS w/ flange width ≥ 24"						
"S"	"t"	Dimension	Transverse Bars		"D" Bars	"G" Bars
Girder CL to CL Spacing	Top Slab Thickness	"F"	Size	Spacing ¹	#5 Bars	#4 Bars
4'- 0"	7"	5"	#5	12"	3	2
4'- 3"	7"	5"	#5	12"	3	2
4'- 6"	7"	6"	#5	12"	3	2
4'- 9"	7"	6"	#5	12"	3	2
5'- 0"	7"	6"	#5	12"	3	2
5'- 3"	7"	7"	#5	12"	3	2
5'- 6"	7"	7"	#5	12"	4	2
5'- 9"	7"	7"	#5	12"	4	3
6'- 0"	7"	8"	#5	12"	4	3
6'- 3"	7"	8"	#5	12"	4	3
6'- 6"	7 1/8"	9"	#5	12"	4	3
6'- 9"	7 1/8"	9"	#5	11"	5	3
7'- 0"	7 1/4"	9"	#5	11"	5	3
7'- 3"	7 3/8"	10"	#5	11"	5	3
7'- 6"	7 1/2"	10"	#5	11"	5	3
7'- 9"	7 1/2"	11"	#5	11"	5	3
8'- 0"	7 5/8"	11"	#5	11"	6	3
8'- 3"	7 3/4"	11"	#5	11"	6	3
8'- 6"	7 3/4"	1'- 0"	#5	11"	6	3
8'- 9"	7 7/8"	1'- 0"	#5	11"	6	4
9'- 0"	8"	1'- 1"	#5	11"	6	4
9'- 3"	8 1/8"	1'- 1"	#5	11"	7	4
9'- 6"	8 1/8"	1'- 1"	#5	11"	7	4
9'- 9"	8 1/4"	1'- 2"	#5	10"	8	4
10'- 0"	8 3/8"	1'- 2"	#5	10"	8	4
10'- 3"	8 3/8"	1'- 2"	#5	10"	8	4
10'- 6"	8 1/2"	1'- 3"	#5	10"	8	4
10'- 9"	8 5/8"	1'- 3"	#5	10"	8	4
11'- 0"	8 5/8"	1'- 4"	#6	11"	11	4
11'- 3"	8 3/4"	1'- 4"	#6	11"	11	4
11'- 6"	8 7/8"	1'- 4"	#6	11"	11	4
11'- 9"	8 7/8"	1'- 5"	#6	11"	12	5
12'- 0"	9"	1'- 5"	#6	11"	12	5
12'- 3"	9 1/8"	1'- 6"	#6	11"	12	5
12'- 6"	9 1/8"	1'- 6"	#6	11"	12	5
12'- 9"	9 1/4"	1'- 6"	#6	11"	12	5
13'- 0"	9 3/8"	1'- 7"	#6	10"	13	5
13'- 3"	9 1/2"	1'- 7"	#6	10"	14	5
13'- 6"	9 1/2"	1'- 7"	#6	10"	14	5
13'- 9"	9 5/8"	1'- 8"	#6	10"	14	5
14'- 0"	9 3/4"	1'- 8"	#6	10"	14	5
14'- 3"	9 3/4"	1'- 9"	#6	10"	14	5
14'- 6"	9 7/8"	1'- 9"	#6	10"	14	5
14'- 9"	10"	1'- 9"	#6	10"	14	5
15'- 0"	10 1/8"	1'- 10"	#6	10"	15	5

Note: The minimum distance from centerline girder to the negative moment design section has been assumed to be 6".

1. See *Standard Plans BO-5* for additional information on transverse deck reinforcement



Table 10-20.1(c) Deck Slab Thickness and Reinforcement Schedule

PRECAST BULB-T GIRDERS						
"S"	"t"	Dimension	Transverse Bars		"D" Bars	"G" Bars
Girder CL to CL Spacing	Top Slab Thickness	"F"	Size	Spacing ¹	#5 Bars	#4 Bars
4'- 0"	7"	2"	#5	12"	2	2
4'- 3"	7"	3"	#5	12"	2	2
4'- 6"	7"	3"	#5	12"	2	2
4'- 9"	7"	3"	#5	12"	2	2
5'- 0"	7"	4"	#5	12"	2	2
5'- 3"	7"	4"	#5	12"	3	2
5'- 6"	7"	5"	#5	12"	3	2
5'- 9"	7"	5"	#5	12"	3	2
6'- 0"	7"	6"	#5	12"	3	2
6'- 3"	7"	6"	#5	12"	3	2
6'- 6"	7"	6"	#5	12"	3	2
6'- 9"	7"	7"	#5	12"	3	2
7'- 0"	7"	7"	#5	12"	4	2
7'- 3"	7"	7"	#5	12"	4	3
7'- 6"	7"	8"	#5	12"	4	3
7'- 9"	7"	8"	#5	12"	4	3
8'- 0"	7 1/8"	9"	#5	12"	4	3
8'- 3"	7 1/8"	9"	#5	12"	4	3
8'- 6"	7 1/4"	9"	#5	12"	5	3
8'- 9"	7 3/8"	10"	#5	12"	5	3
9'- 0"	7 1/2"	10"	#5	12"	5	3
9'- 3"	7 1/2"	11"	#5	11"	5	3
9'- 6"	7 5/8"	11"	#5	11"	6	3
9'- 9"	7 3/4"	11"	#5	11"	6	3
10'- 0"	7 3/4"	1'- 0"	#5	11"	6	3
10'- 3"	7 7/8"	1'- 0"	#5	11"	6	4
10'- 6"	8"	1'- 1"	#5	11"	6	4
10'- 9"	8 1/8"	1'- 1"	#5	11"	7	4
11'- 0"	8 1/8"	1'- 1"	#5	11"	7	4
11'- 3"	8 1/4"	1'- 2"	#5	11"	7	4
11'- 6"	8 3/8"	1'- 2"	#5	11"	7	4
11'- 9"	8 3/8"	1'- 2"	#5	10"	8	4
12'- 0"	8 1/2"	1'- 3"	#5	10"	8	4
12'- 3"	8 5/8"	1'- 3"	#5	10"	8	4
12'- 6"	8 5/8"	1'- 4"	#5	10"	9	4
12'- 9"	8 3/4"	1'- 4"	#5	10"	9	4
13'- 0"	8 7/8"	1'- 4"	#5	10"	9	4
13'- 3"	8 7/8"	1'- 5"	#5	10"	9	5
13'- 6"	9"	1'- 5"	#5	10"	9	5
13'- 9"	9 1/8"	1'- 6"	#5	10"	9	5
14'- 0"	9 1/8"	1'- 6"	#6	11"	12	5
14'- 3"	9 1/4"	1'- 6"	#6	11"	12	5
14'- 6"	9 3/8"	1'- 7"	#6	11"	12	5
14'- 9"	9 1/2"	1'- 7"	#6	11"	12	5
15'- 0"	9 1/2"	1'- 7"	#6	11"	13	5

Note: The minimum distance from centerline girder to the negative moment design section has been assumed to be 15".

1. See *Standard Plans BO-5* for additional information on transverse deck reinforcement