

Deck Slab Reinforcement – Steel Stringers

Maximum Beam Spacing	Design Deck Thickness	Transverse (Primary) Reinforcement		Longitudinal Reinforcement	
		Bottom	Top	Bottom	Top
5' - 0"	8.0"	#4 @ 6.0 in	#4 @ 6.0 in	#4 @ 7.5 in	#4 @ 7.5 in
5' - 6"	8.0"	#4 @ 6.0 in	#4 @ 6.0 in	#4 @ 7.5 in	#4 @ 7.5 in
6' - 0"	8.0"	#4 @ 6.0 in	#4 @ 6.0 in	#4 @ 7.5 in	#4 @ 7.5 in
6' - 6"	8.0"	#4 @ 6.0 in	#4 @ 6.0 in	#4 @ 7.5 in	#4 @ 7.5 in
7' - 0"	8.0"	#5 @ 7.0 in	#5 @ 7.0 in	#4 @ 6.5 in	#4 @ 6.5 in
7' - 6"	8.0"	#5 @ 7.0 in	#5 @ 7.0 in	#4 @ 6.5 in	#4 @ 6.5 in
8' - 0"	8.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
8' - 6"	8.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
9' - 0"	8.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
9' - 6"	8.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
10' - 0"	8.5"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
10' - 6"	9.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
11' - 0"	9.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
11' - 6"	9.5"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
12' - 0"	10.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
12' - 6"	10.5"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 6.0 in	#4 @ 6.0 in
13' - 0"	11.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 5.5 in	#4 @ 5.5 in
13' - 6"	11.5"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 5.5 in	#4 @ 5.5 in
14' - 0"	12.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 5.0 in	#4 @ 5.0 in
14' - 6"	12.5"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 5.0 in	#4 @ 5.0 in
15' - 0"	13.0"	#5 @ 6.0 in	#5 @ 6.0 in	#4 @ 5.0 in	#4 @ 5.0 in

NOTES:

1. For design assumptions see Dwg. No. 7.1.4.
2. See Part I, Article 3.5.2 for other relevant information.



LRFD BRIDGE
MANUAL, PART II

DECK SLAB REINFORCEMENT STEEL STRINGERS

GENERAL DECK DETAILS

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