

Precast Deck Panel Reinforcement – Steel Stringers

Maximum Beam Spacing	Transverse (Primary) Reinforcement (Top & Bottom)	Longitudinal Reinforcement (Top & Bottom)
5' - 0"	#4 @ 7.0 in	#4 @ 7.0 in
5' - 6"	#4 @ 7.0 in	#4 @ 7.0 in
6' - 0"	#4 @ 7.0 in	#4 @ 7.0 in
6' - 6"	#4 @ 6.0 in	#4 @ 7.0 in
7' - 0"	#4 @ 6.0 in	#4 @ 7.0 in
7' - 6"	#4 @ 6.0 in	#4 @ 7.0 in
8' - 0"	#5 @ 7.0 in	#4 @ 6.5 in
8' - 6"	#5 @ 7.0 in	#4 @ 6.5 in
9' - 0"	#5 @ 7.0 in	#4 @ 6.5 in
9' - 6"	#5 @ 6.0 in	#4 @ 6.0 in
10' - 0"	#5 @ 6.0 in	#4 @ 6.0 in

Precast Deck Panel Reinforcement – NEBT's and 36" and 48" Precast Prestressed Concrete Box Beams

Maximum Beam Spacing	Transverse (Primary) Reinforcement (Top & Bottom)	Longitudinal Reinforcement (Top & Bottom)
5' - 0"	#4 @ 7.0 in	#4 @ 7.0 in
5' - 6"	#4 @ 7.0 in	#4 @ 7.0 in
6' - 0"	#4 @ 7.0 in	#4 @ 7.0 in
6' - 6"	#4 @ 7.0 in	#4 @ 7.0 in
7' - 0"	#4 @ 7.0 in	#4 @ 7.0 in
7' - 6"	#4 @ 6.0 in	#4 @ 7.0 in
8' - 0"	#4 @ 6.0 in	#4 @ 7.0 in
8' - 6"	#4 @ 6.0 in	#4 @ 7.0 in
9' - 0"	#5 @ 7.0 in	#4 @ 6.5 in
9' - 6"	#5 @ 7.0 in	#4 @ 6.5 in
10' - 0"	#5 @ 7.0 in	#4 @ 6.5 in

NOTES:

1. For all applicable design assumptions, see Dwg. No. 7.1.4, Part II of this Bridge Manual.
2. See Article 3.7.3, Part I of this Bridge Manual, for other relevant information.



LRFD BRIDGE

MANUAL, PART III

PRECAST DECK PANEL REINFORCEMENT

PRECAST CONCRETE DECK PANELS

DATE OF ISSUE
JUNE 2013

DRAWING NUMBER

5.1.30