



A Type 1" Expansion Joint With Thickened Edge	
Pavement Thickness	Thickened Edge
Less Than 9"	8" To 11"
9" To 12"	11" To 14"

Type 1" Expansion Joint with Load Transfer			
Pavement Thickness	Min. Dowel Bar Size	Length	Spacing—Placed @ 6" From Pavement Edge
7"–8"	3/4" To 1"	1'–6"	1'–0" c/c
9" To 12"	1" To 1–1/4"	1'–6" To 1'–8"	1'–0" To 1'–3" c/c

B Tie-Bar Sizes For Longitudinal Joint			
Pavement Thickness	Tie Bar Size	Length	Spacing—Placed @ 1'–6" From Transverse Joint
7"–8"	#4 (1/2" dia.)	3'–0"	4'–0" c/c
9" To 12"	#6 (3/4" dia.)	3'–0"	3'–0" c/c

C Dowel Bar Sizes For Transverse D–1 Joints			
Pavement Thickness	Min. Dowel Bar Dia.	Length	Spacing—Placed @ 6" From Pavement Edge
7" To 8"	3/4"	1'–6"	1'–0" c/c
9" To 12"	1" To 1–1/4"	1'–6" To 1'–8"	1'–0" To 1'–3" c/c

D Contraction Joint	
Pavement Thickness	Joint Spacing
7"	12'–0" To 15'–0"
8" To 12"	15'–0" To 18'–0"

E Tie-Bar Sizes For Transverse Construction Joint			
Pavement Thickness	Tie-Bar Size	Length	Spacing—Placed @ 6" From Pavement Edge
7" To 8"	#4 (1/2" dia.)	4'–0"	2'–0" c/c
9" To 12"	#6 To #8 (3/4" To 1" dia.)	4'–0"	2'–0" c/c