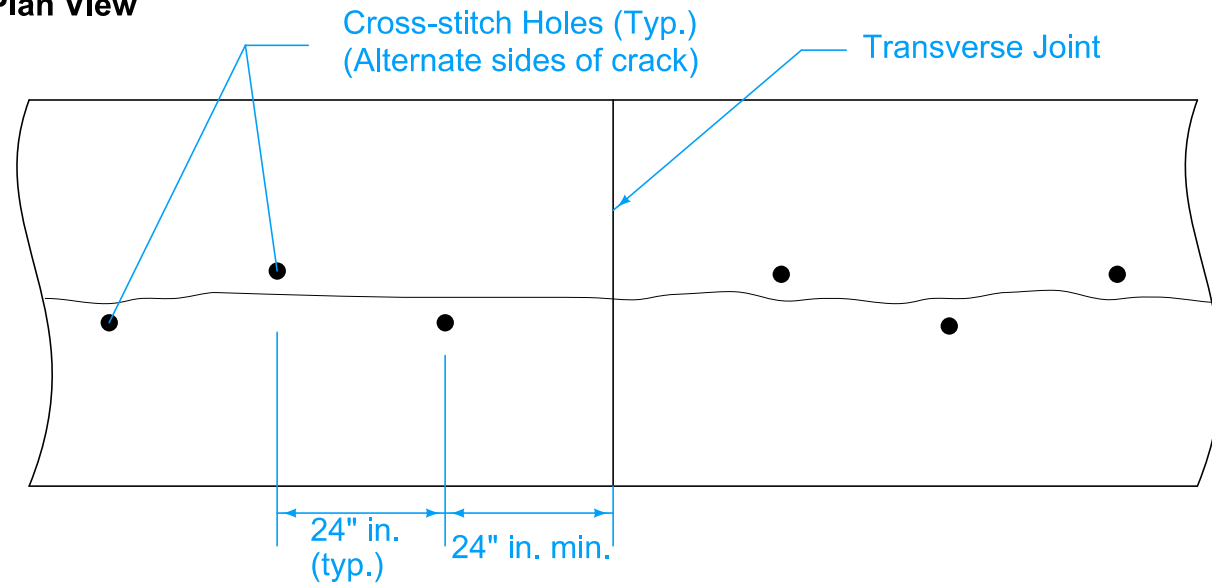
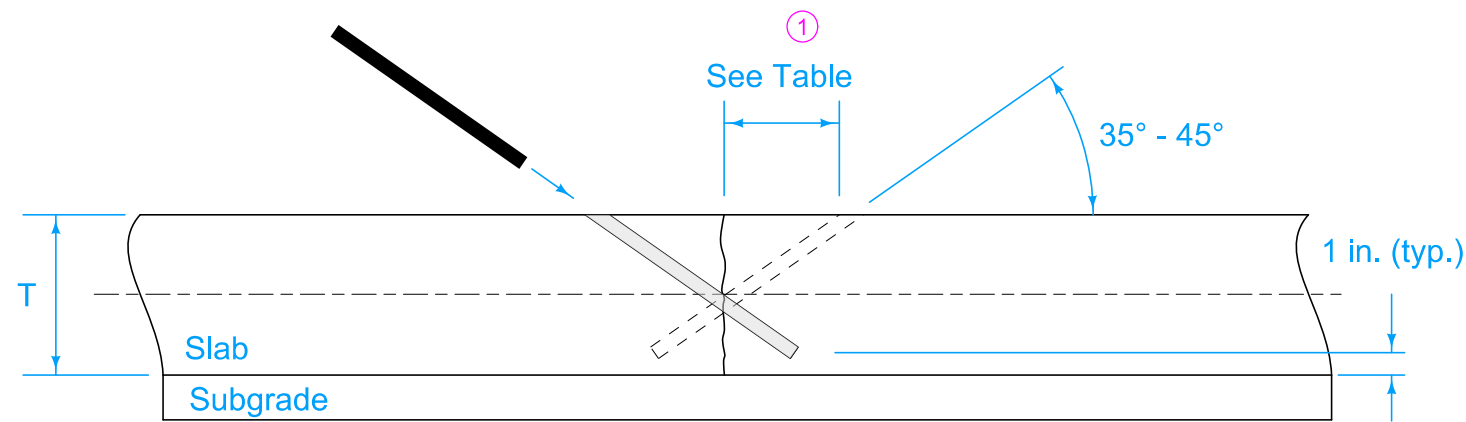


**Plan View**



**Cross-Sectional View**



**Cross-Stitching Bar Dimensions and Hole Locations**

	Slab Thickness (In.)				
	8	9	10	11	12
	Distance to Hole (In.) ①				
35°	5.75	6.50	7.25	7.75	8.50
40°	-	-	-	6.50	7.25
45°	-	-	-	-	6.00
	Length of Bar (In.)				
35°	9.50	11.00	12.50	14.50	16.00
40°	-	-	-	12.50	14.50
45°	-	-	-	-	12.00
	Diameter of Bar (In.)				
	0.75	0.75	0.75	0.75	0.75

Epoxy deformed bar into hole. Length shown in table provide 1 inch cover at surface.

Do not drill hole completely through slab. Stop drilling so epoxy/grout will not run out of the bottom while backfilling.

Use a low impact hydraulic drill, mounted on a guide that will assure the hole is drilled at proper angle. Pneumatic drills will not be permitted.

Epoxy grout shall meet the requirements of Materials I.M. 491.11, Appendix A.

Air blast hole free of drill residue will oil free air. Place epoxy grout in hole in a quantity that will fill hole within one quarter inch of pavement surface when bar is inserted. Pavement can be opened to construction or public traffic when grout is tack free.

	REVISION	
	NEW	10-15-24
<b>STANDARD ROAD PLAN</b>	<b>PR-109</b>	
	SHEET 1 of 1	
REVISIONS:	NEW	
<small>APPROVED BY DESIGN METHODS ENGINEER</small>		

**CROSS STITCHING OF PCC PAVEMENT**