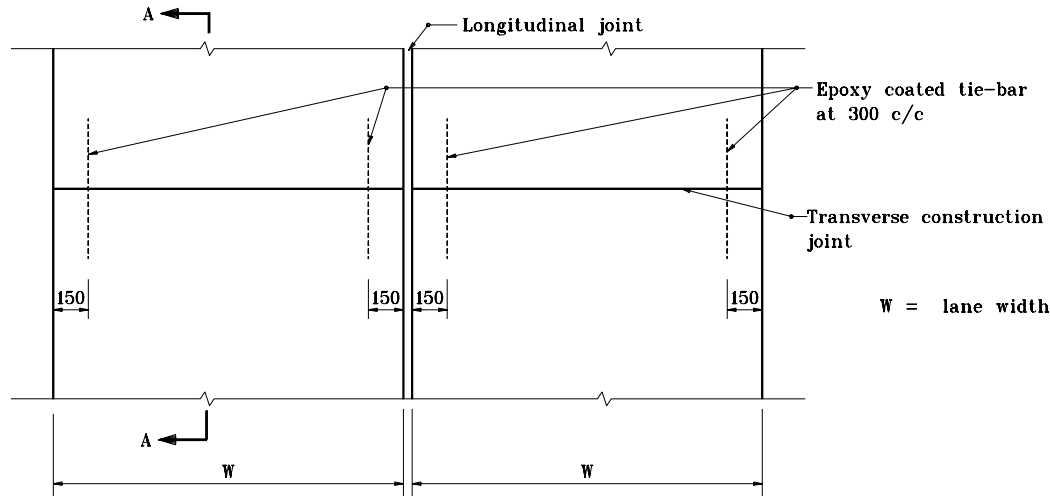
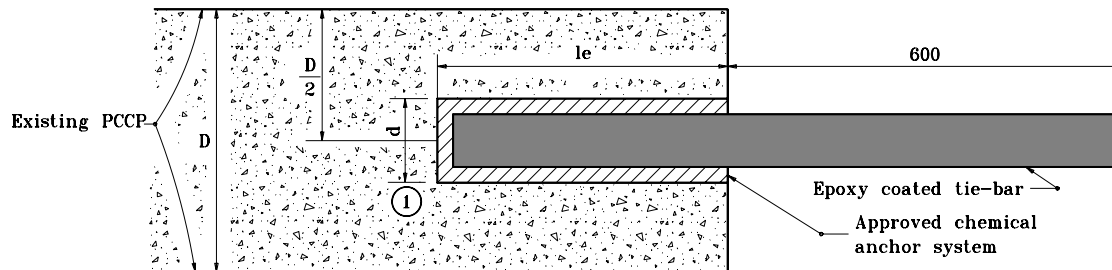


**SECTION A-A**



**PLAN**



**RETROFIT CONSTRUCTION TIE-BAR EMBEDMENT DETAIL**

**NOTES**

- ① Diameter of drilled hole  $d$  shall be in accordance with the chemical anchor system manufacturer's instructions.

TIE-BAR SIZES FOR TRANSVERSE CONSTRUCTION JOINT		
Pavement Thickness, $D$	Tie Bar Size	Min. $l_e$
Less than 225	#16	300
225 through 300	#25	500
Greater than 300	#32	600

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION  
**TRANSVERSE CONSTRUCTION JOINT**  
 SEPTEMBER 1999  
 STANDARD DRAWING NO. 503-CCPJ-05

/s/ Anthony L. Uremovich 9-01-99  
 DESIGN STANDARDS ENGINEER DATE

/s/ Donald W. Lucas 9-01-99  
 CHIEF HIGHWAY ENGINEER DATE