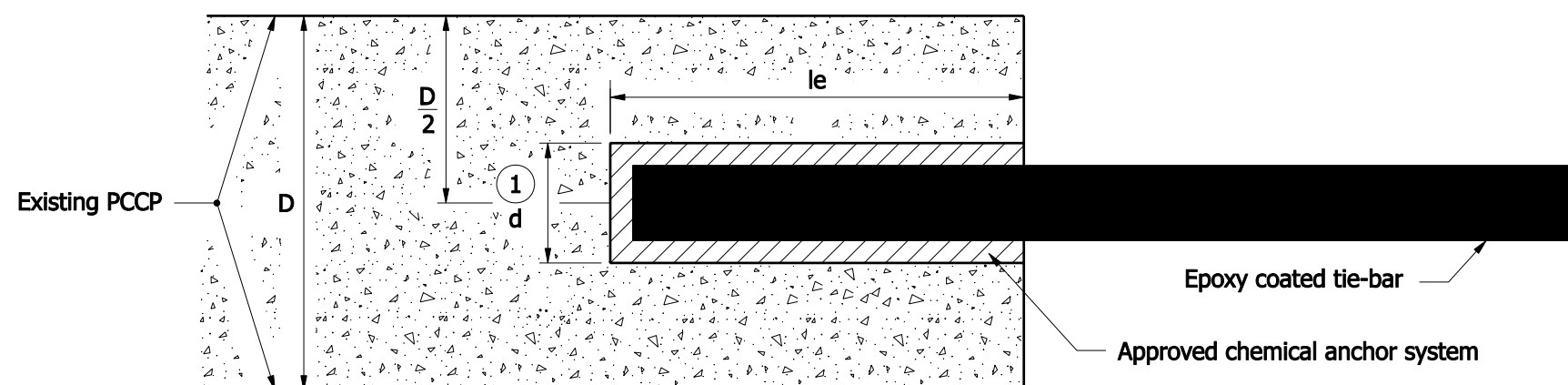


**NOTES:**

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

PAVEMENT THICKNESS, D	LONGITUDINAL CONSTRUCTION JOINT Tie-bars at 900 c/c	
	TIE-BAR SIZE	MIN. LENGTH OF EMBEDMENT, $l_e$
Less than 225	#16	300
225 to 300	#22	380
Greater than 300	#25	450



**RETROFIT CONSTRUCTION TIE-BAR EMBEDMENT DETAIL**

All Dimensions are in mm unless otherwise specified.

<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>									
<b>LONGITUDINAL CONSTRUCTION JOINT</b>									
<b>SEPTEMBER 2008</b>									
<b>STANDARD DRAWING NO. 503-CCPJ-08</b>									
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"><i>/s/ Richard L. VanCleave</i></td> <td style="width: 30%;"><i>09/02/08</i></td> </tr> <tr> <td>DESIGN STANDARDS ENGINEER</td> <td>DATE</td> </tr> <tr> <td style="border-top: 1px solid black;"><i>/s/ Mark A. Miller</i></td> <td style="border-top: 1px solid black;"><i>09/02/08</i></td> </tr> <tr> <td>CHIEF HIGHWAY ENGINEER</td> <td>DATE</td> </tr> </table>	<i>/s/ Richard L. VanCleave</i>	<i>09/02/08</i>	DESIGN STANDARDS ENGINEER	DATE	<i>/s/ Mark A. Miller</i>	<i>09/02/08</i>	CHIEF HIGHWAY ENGINEER	DATE
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