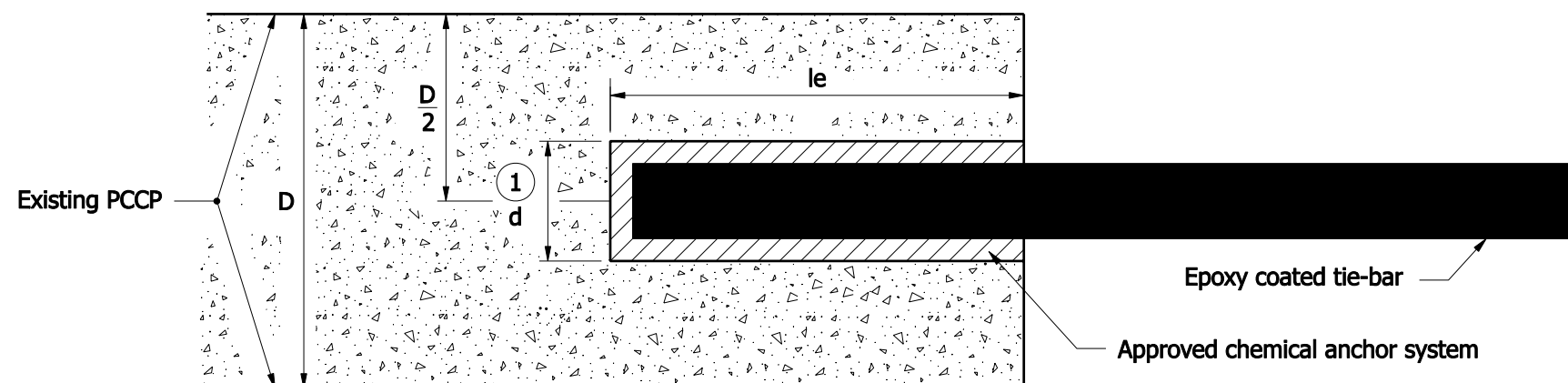


**NOTES:**

- 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 3'-0 c/c	
	TIE-BAR SIZE	MIN. LENGTH OF EMBEDMENT, $l_e$
Less than 9"	#5	1'-0"
9" to 12"	#7	1'-3"
Greater than 12"	#8	1'-6"



**RETROFIT CONSTRUCTION TIE-BAR EMBEDMENT DETAIL**

INDIANA DEPARTMENT OF TRANSPORTATION	
LONGITUDINAL CONSTRUCTION JOINT	
SEPTEMBER 2008	
STANDARD DRAWING NO. E 503- CCPJ-08	
	/s/ <i>Richard L. VanCleave</i> 09/02/08 DESIGN STANDARDS ENGINEER      DATE
DESIGN STANDARDS ENGINEER	/s/ <i>Mark A. Miller</i> 09/02/08 CHIEF HIGHWAY ENGINEER      DATE