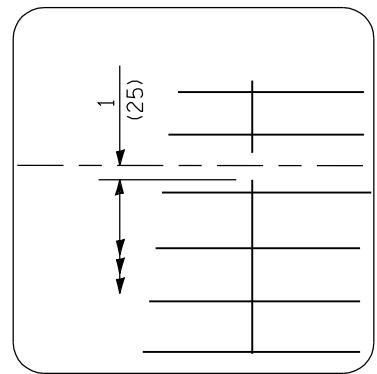
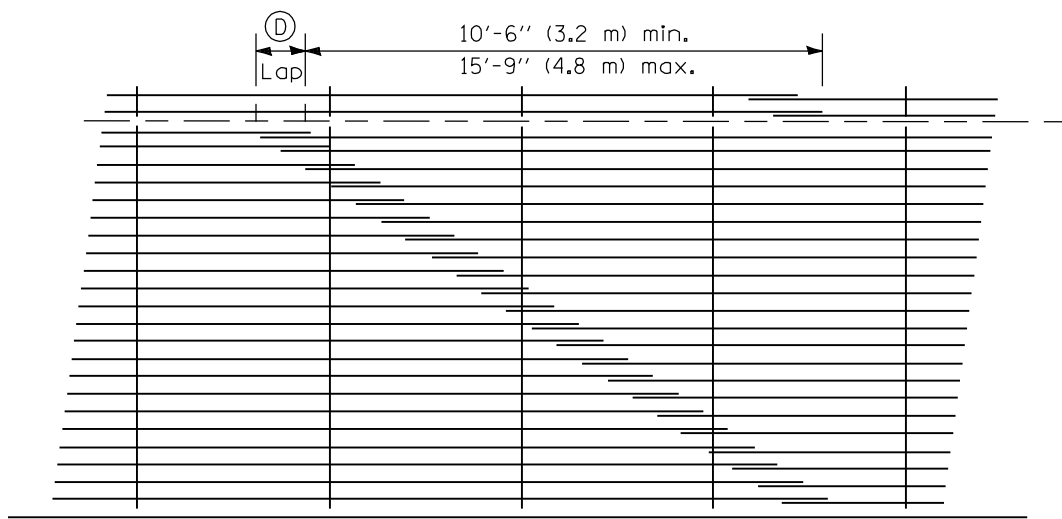


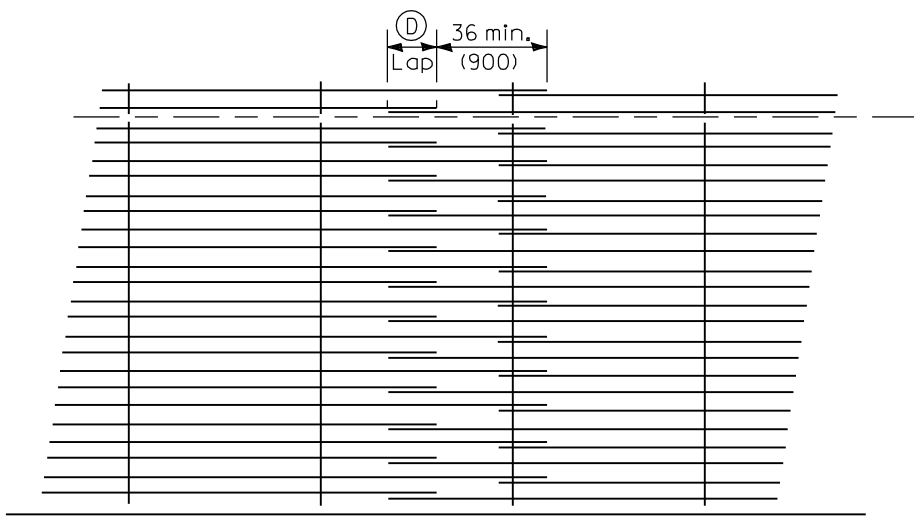
**LAP DETAIL I**



**DETAIL A**



**LAP DETAIL II**



**LAP DETAIL III**

ENGLISH (inches)					
Bar Size	Pavement Thickness	(A) (Approx. Spacing)	(B)	(C)	(D)
#6	7 <sup>3</sup> / <sub>4</sub> thru 8 <sup>1</sup> / <sub>2</sub>	18 spaces (19 bars) @ 7 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	3	22
#6	8 <sup>3</sup> / <sub>4</sub> thru 9 <sup>1</sup> / <sub>2</sub>	20 spaces (21 bars) @ 6 <sup>7</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	3	22
#6	9 <sup>3</sup> / <sub>4</sub> thru 10 <sup>1</sup> / <sub>2</sub>	22 spaces (23 bars) @ 6 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	3	22
#6	10 <sup>3</sup> / <sub>4</sub> thru 11 <sup>1</sup> / <sub>2</sub>	24 spaces (25 bars) @ 5 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	3	22
#6	11 <sup>3</sup> / <sub>4</sub> thru 12 <sup>1</sup> / <sub>2</sub>	27 spaces (28 bars) @ 5 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	3	22
#7	9 <sup>3</sup> / <sub>4</sub> thru 10 <sup>1</sup> / <sub>2</sub>	16 spaces (17 bars) @ 8 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	3	26
#7	10 <sup>3</sup> / <sub>4</sub> thru 11 <sup>1</sup> / <sub>2</sub>	18 spaces (19 bars) @ 7 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	3	26
#7	11 <sup>3</sup> / <sub>4</sub> thru 12 <sup>1</sup> / <sub>2</sub>	19 spaces (20 bars) @ 7 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	3	26
#7	12 <sup>3</sup> / <sub>4</sub> thru 13 <sup>1</sup> / <sub>2</sub>	21 spaces (22 bars) @ 6 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	3	26
#7	13 <sup>3</sup> / <sub>4</sub> thru 14 <sup>1</sup> / <sub>2</sub>	23 spaces (24 bars) @ 6	3 <sup>1</sup> / <sub>2</sub>	3	26
#7	14 <sup>3</sup> / <sub>4</sub> thru 15 <sup>1</sup> / <sub>2</sub>	24 spaces (25 bars) @ 5 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	3	26
#7	15 <sup>3</sup> / <sub>4</sub> thru 16 <sup>1</sup> / <sub>2</sub>	26 spaces (27 bars) @ 5 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	3	26

METRIC (mm)					
Bar Size	Pavement Thickness	(A) (Approx. Spacing)	(B)	(C)	(D)
#19	200 thru 220	18 spaces (19 bars) @ 191	90	75	560
#19	230 thru 250	21 spaces (22 bars) @ 163	95	80	560
#19	260 thru 280	23 spaces (24 bars) @ 149	90	80	560
#19	290 thru 310	26 spaces (27 bars) @ 132	90	75	560
#19	320 thru 340	29 spaces (30 bars) @ 118	95	80	560
#22	230 thru 250	15 spaces (16 bars) @ 229	90	75	660
#22	260 thru 280	17 spaces (18 bars) @ 202	90	75	660
#22	290 thru 310	19 spaces (20 bars) @ 181	90	70	660
#22	320 thru 340	21 spaces (22 bars) @ 163	95	80	660
#22	350 thru 370	23 spaces (24 bars) @ 149	90	80	660
#22	380 thru 400	25 spaces (26 bars) @ 137	95	80	660
#22	410 thru 430	27 spaces (28 bars) @ 127	90	80	660

**GENERAL NOTES**

Except as noted or shown, the dimensions and notes specified for LAP DETAIL I are typical for LAP DETAIL II and III.

The (B) dimension and the distance from the end of the transverse bar to the edge of pavement may be increased by 1 (25) for slip form paving.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-08	Switched units to English (metric).
1-1-03	Soft-converted metric reinf. bars

**BAR REINFORCEMENT FOR CRC PAVEMENT**

**STANDARD 421001-02**

Illinois Department of Transportation

PASSED January 1, 2008  
*Scott Smith*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2008  
*Ken E. Han*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97