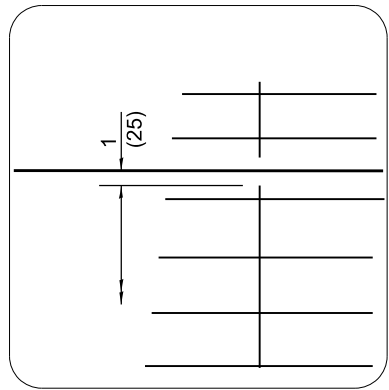
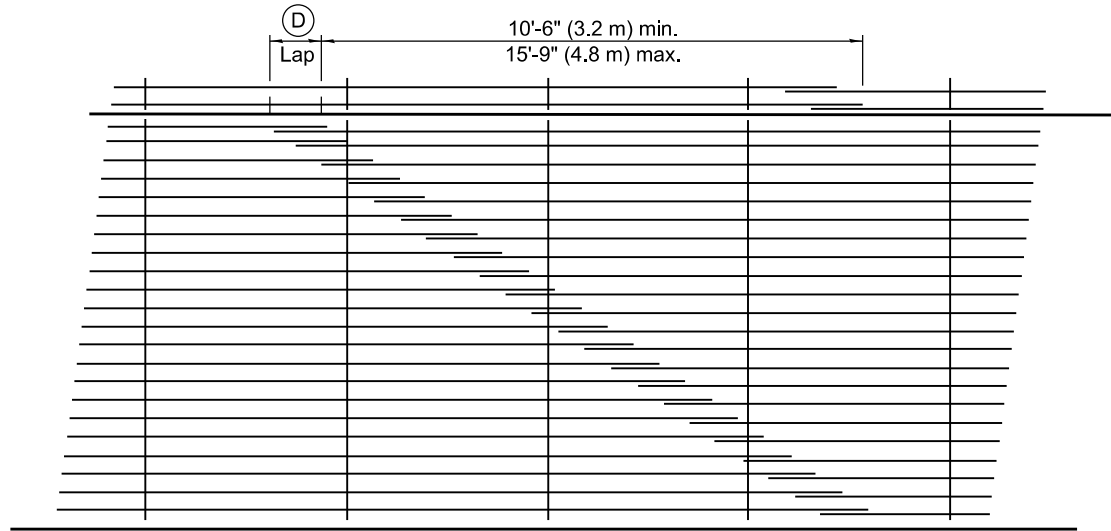


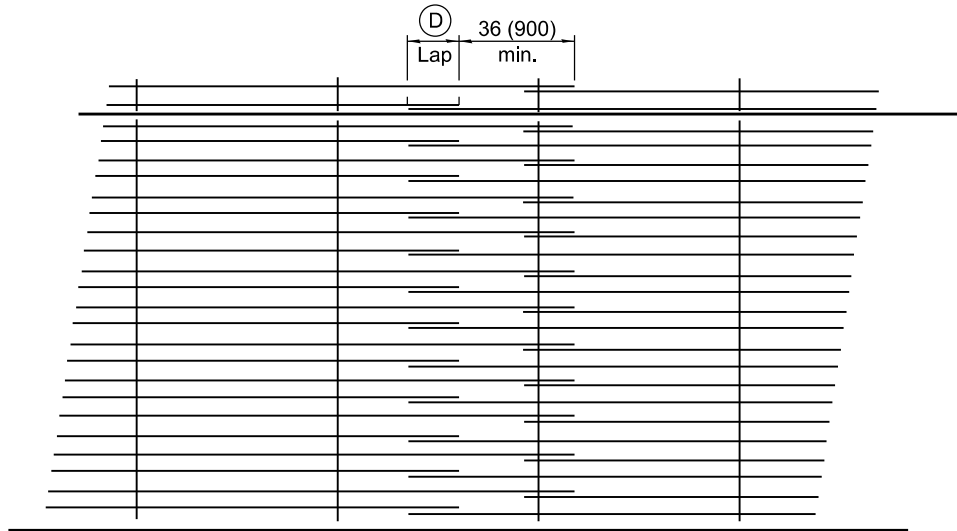
**LAP DETAIL I**



**DETAIL A**



**LAP DETAIL II**



**LAP DETAIL III**

ENGLISH (inches)					
Bar Size	Pavement Thickness	(A) (Approx. Spacing)	(B)	(C)	(D)
#6	7¾ thru 8½	18 spaces (19 bars) @ 7⅝	3½	3	22
#6	8¾ thru 9½	20 spaces (21 bars) @ 6⅞	3½	3	22
#6	9¾ thru 10½	22 spaces (23 bars) @ 6¼	3½	3	22
#6	10¾ thru 11½	24 spaces (25 bars) @ 5¾	3½	3	22
#6	11¾ thru 12½	27 spaces (28 bars) @ 5⅞	3½	3	22
#7	9¾ thru 10½	16 spaces (17 bars) @ 8⅞	3½	3	26
#7	10¾ thru 11½	18 spaces (19 bars) @ 7⅞	3½	3	26
#7	11¾ thru 12½	19 spaces (20 bars) @ 7¼	3½	3	26
#7	12¾ thru 13½	21 spaces (22 bars) @ 6½	3½	3	26
#7	13¾ thru 14½	23 spaces (24 bars) @ 6	3½	3	26
#7	14¾ thru 15½	24 spaces (25 bars) @ 5¾	3½	3	26
#7	15¾ thru 16½	26 spaces (27 bars) @ 5¼	3½	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.

The minimum length of longitudinal bars shall be 30' (9 m) except as required to establish the lap arrangement selected.

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

DATE	REVISIONS	<b>BAR REINFORCEMENT FOR CRC PAVEMENT</b>
4-1-16	Revised general notes with respect to 30' bar length.	
1-1-08	Switched units to English (metric).	
		<b>STANDARD 421001-03</b>



Illinois Department of Transportation

APPROVED

April 1, 2016

Michael Brand

ENGINEER OF POLICY AND PROCEDURES

APPROVED

April 1, 2016

[Signature]

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97