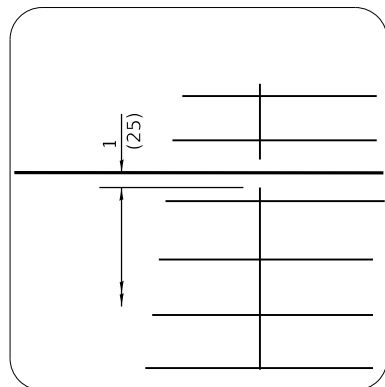
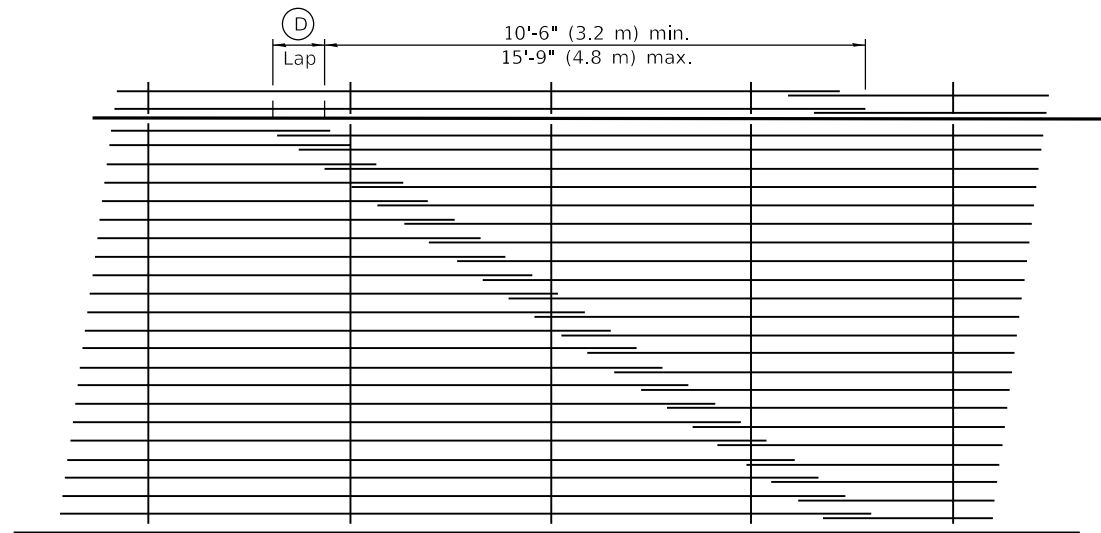


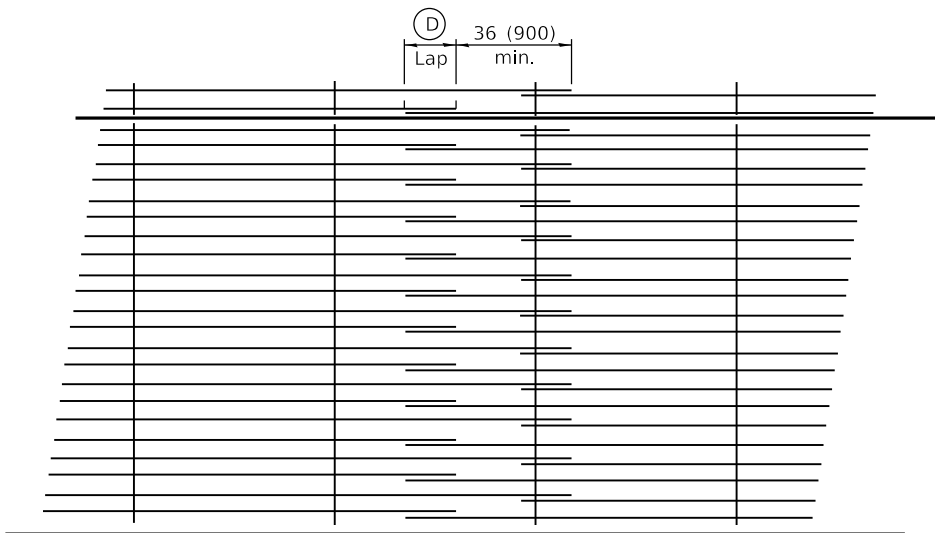
LAP DETAIL I



DETAIL A



LAP DETAIL II



LAP DETAIL III

ENGLISH (inches)					
Bar Size	Pavement Thickness	(A) (Approx. Spacing)	(B)	(C)	(D)
#6	7¼ thru 8½	18 spaces (19 bars) @ 7½	3½	3	22
#6	8¼ thru 9½	20 spaces (21 bars) @ 6¾	3½	3	22
#6	9¼ thru 10½	22 spaces (23 bars) @ 6¼	3½	3	22
#6	10¼ thru 11½	24 spaces (25 bars) @ 5¾	3½	3	22
#6	11¼ thru 12½	27 spaces (28 bars) @ 5½	3½	3	22
#7	9¼ thru 10½	16 spaces (17 bars) @ 8½	3½	3	26
#7	10¼ thru 11½	18 spaces (19 bars) @ 7½	3½	3	26
#7	11¼ thru 12½	19 spaces (20 bars) @ 7¼	3½	3	26
#7	12¼ thru 13½	21 spaces (22 bars) @ 6½	3½	3	26
#7	13¼ thru 14½	23 spaces (24 bars) @ 6	3½	3	26
#7	14¼ thru 15½	24 spaces (25 bars) @ 5¾	3½	3	26
#7	15¼ 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
4-1-16	Revised general notes with respect to 30' bar length.
1-1-08	Switched units to English (metric).

BAR REINFORCEMENT FOR CRC PAVEMENT

STANDARD 421001-03

Illinois Department of Transportation

PASSED April 1, 2016
Michael Beard
 ENGINEER OF POLICY AND PROCEDURES

APPROVED April 1, 2016
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97