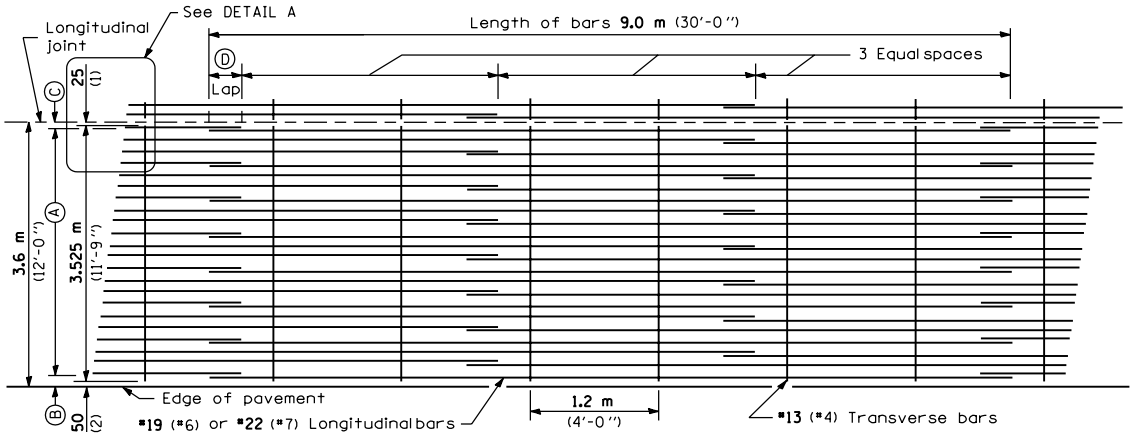
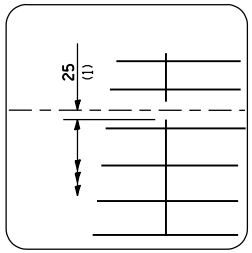
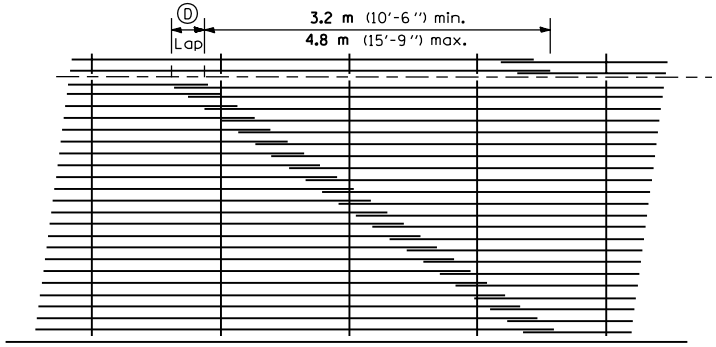


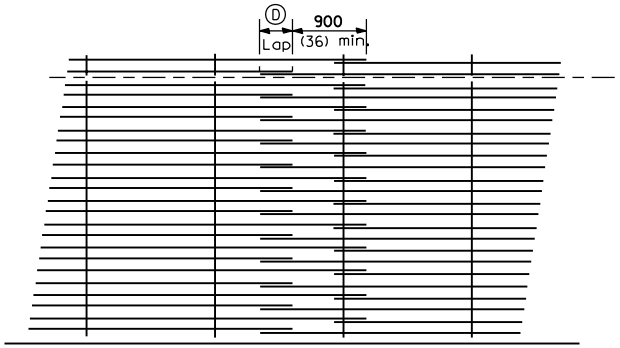
LAP DETAIL I



DETAIL A



LAP DETAIL II



LAP DETAIL III

METRIC (mm)					
Bar Size	Pavement Thickness	Ⓐ (Approx. Spacing)	Ⓑ	Ⓒ	Ⓓ
#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

ENGLISH (inches)					
Bar Size	Pavement Thickness	Ⓐ (Approx. Spacing)	Ⓑ	Ⓒ	Ⓓ
#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) @ 5⅛	3½	3	22
#7	9¾ thru 10½	16 spaces (17 bars) @ 8⅝	3½	3	26
#7	10¾ thru 11½	18 spaces (19 bars) @ 7⅝	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

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

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

Illinois Department of Transportation

PASSED January 1, 2003
Roger Driskell
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2003
Michael J. Hine
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-03	Soft-converted metric
	reinf. bars
1-1-97	Renum. Standard 2225-10.

BAR REINFORCEMENT FOR CRC PAVEMENT

STANDARD 421001-01