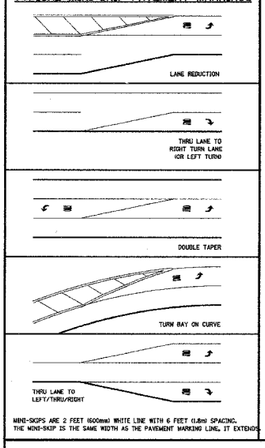
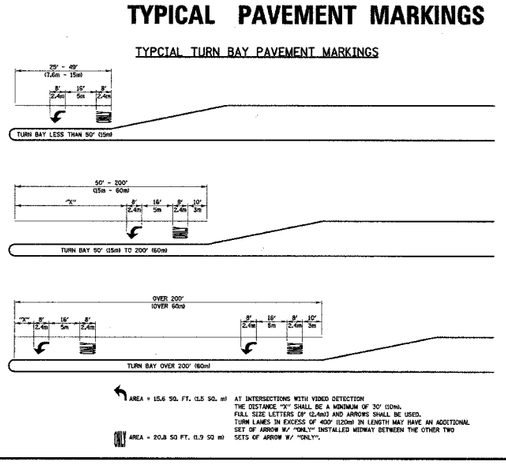
TYPICAL MINI-SKIP PAVEMENT MARKINGS



MINI-SKIPS ARE 2 FEET (600mm) WHITE LINE WITH 6 FEET (1.8m) SPACING. THE MINI-SKIP IS THE SAME WIDTH AS THE PAVEMENT MARKING LINE, IT EXTENDS

TYPICAL PAVEMENT MARKINGS

TYPCIAL TURN BAY PAVEMENT MARKINGS

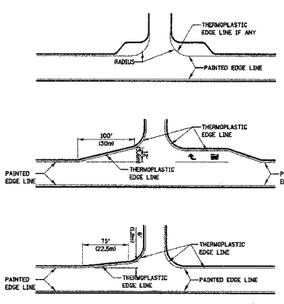


AREA = 15.6 SQ. FT. (1.5 SQ. M) AT INTERSECTIONS WITH VIDEO DETECTION THE DISTANCE "X" SHALL BE A MINIMUM OF 30' (10m). FULL SIZE LETTERS OF (2.4m) AND ARROWS SHALL BE USED. TURN LANES IN EXCESS OF 400' (120m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW W/ "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW W/ "ONLY".

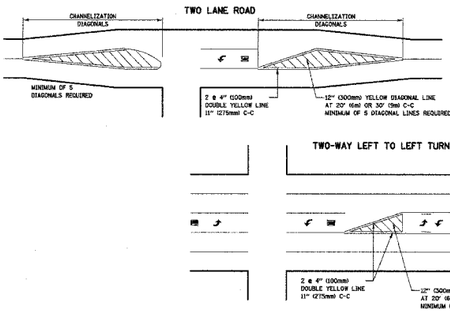
AREA = 20.8 SQ FT. (1.9 SQ M)

ROUTE	SECTION	COUNTY	SHEET	SHEETS
CH		LAKE		
TYPICAL PAVEMENT MARKINGS				
		ILLINOIS		

EDGE LINE RADII AT SIDE STREETS

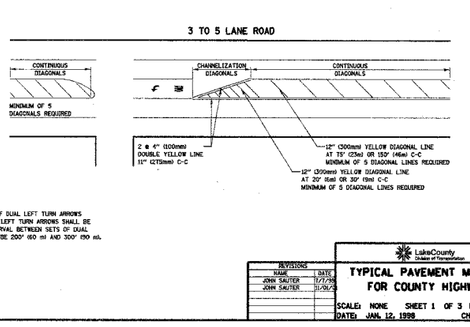


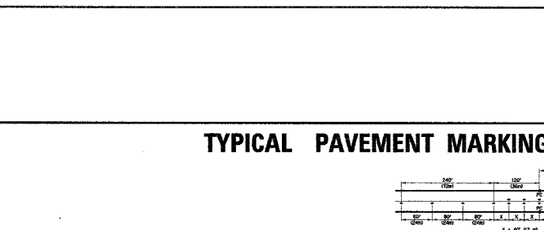
TYPICAL DIAGONAL SPACING

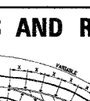


DIAGONAL SPACING

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION
30-45 MPH	75 FT. (20m)	20 FT. (6m)
OVER 45 MPH	150 FT. (45m)	30 FT. (9m)







A MINIMUM OF TWO PAIRS OF DUAL LEFT TURN ARROWS SHALL BE USED. THE DUAL LEFT TURN ARROWS SHALL BE WHITE IN COLOR. THE INTERVAL BETWEEN SETS OF DUAL LEFT TURN ARROWS SHOULD BE 200' (60 m) AND 300' (90 m).

31.2 SQ. FT. (2.94 SQ. M) MIN. OF 2 SETS REQUIRED

LakeCounty Division of Transportation

REVISIONS	
NAME	DATE
JOHN SAUTER	11/01/96
JOHN SAUTER	11/06/96

TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS

SCALE: NONE SHEET 1 OF 3 DRAWN BY: JPS
DATE: JAN. 12, 1998 CHECKED BY: ANS

TYPICAL PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS

ROUTE	SECTION	COUNTY	SHEET	SHEETS
CH		LAKE		
TYPICAL PAVEMENT MARKINGS AND MARKERS				
		ILLINOIS		

PAVEMENT MARKING GUIDELINES - ENGLISH MEASUREMENTS

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE OF 2 LANE PAVEMENT	4 IN.	SKIP-DASH	YELLOW	10 FT. LINE WITH 30 FT. SPACE
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 IN. 2 @ 4 IN.	SOLID SOLID	YELLOW YELLOW	2.5ft. C-C FROM SKIP-DASH CENTERLINE 12.5ft. C-C (MIN) SKIP-DASH CENTERLINE BETWEEN
CENTERLINE ON MULTI-LANE UNDIVIDED	2 @ 4 IN.	SOLID	YELLOW	12 IN. C-C
LANE LINES	4 IN.	SKIP-DASH	WHITE	10 FT. LINE WITH 30 FT. SPACE
DOTTED LINES EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2 FT. LINE WITH 6 FT. SPACE
EDGE LINES	8 IN. (BIKE) 4 IN. YELLOW	SOLID	WHITE - RIGHT YELLOW - LEFT	OUTLINE RAISED MEDIANS IN YELLOW
TURN LANE MARKINGS	1 IN. LINE FULL SIZE LETTERS AND SYMBOLS (8 FT.)	SOLID	WHITE	TURN ARROW 15.6 SQ. FT. STRAIGHT ARROW 13 SQ. FT. ONLY 17 SQ. FT.
TWO WAY LEFT TURN MARKING	2 @ 4 IN. EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10 FT. LINE WITH 30 FT. SPACE FOR SKIP-DASH 9 IN. C-C BETWEEN SKIP-DASH LINE AND SOLID LINE
	8 FT. LEFT ARROW	24 PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK	12 IN. @ 90°	SOLID	WHITE	12 IN. LONGITUDINAL BAR WITH 24 IN. SPACE 8 FT. TO 12 FT. WIDE SEE TYPICAL CROSSWALK MARKING DETAIL
STOP BARS	24 IN.	SOLID	WHITE	PLACE 4 FT. FROM NEAREST CROSSWALK LINE (4) ADDITIONAL 24" WHITE BARS SPACED 2 FT. APART PLACE 30' (9m) BEHIND STOPPING POINT
PAINTED MEDIANS	2 @ 4 IN. WITH 12 IN. DIAGONALS @ 45° NO DIAGONALS USED FOR 4 FT. WIDE MEDIAN	SOLID	YELLOW - 2-WAY TRAFFIC WHITE - 1-WAY TRAFFIC	12 IN. C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING DETAIL
CURB MARKING AND CHANNELIZING LINES	8 IN. WITH 12 IN. DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS 10 FT. (3.0m) C-C (LESS THAN 24 M.P.H.) 20 FT. C-C (30 TO 40 M.P.H.) 30 FT. C-C (OVER 45 M.P.H.) PLACED IN LIEU OF DIAGONALS
R.R. CROSSING	24 IN. TRANSVERSE LINES 60 (1.5 FT.) LETTER 18 IN. LINE FOR "X"	SOLID	WHITE	SEE I.D.O.T. STD. 780001 "R.R. CROSSING" (ONLY 17 SQ. FT.) "X" = 14.0 SQ. FT. "R" = 34.0 SQ. FT.
SHOULDER DIAGONALS	12 IN. @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50 FT. C-C (LESS THAN 30 M.P.H.) 75 FT. C-C (30 TO 45 M.P.H.) 150 FT. C-C (OVER 45 M.P.H.) PLACED IN LIEU OF DIAGONALS

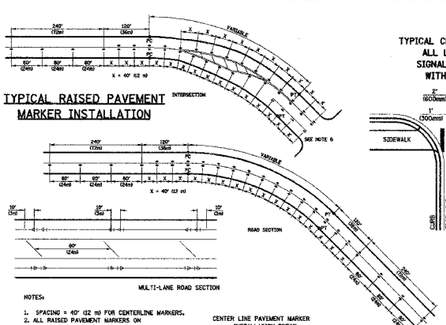
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO PART 22 "MARKINGS" IN THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND I.D.O.T. HIGHWAY STANDARD 780001 EFFECTIVE JAN. 1, 1998.

PAVEMENT MARKING GUIDELINES - METRIC MEASUREMENTS

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE OF 2 LANE PAVEMENT	100 mm	SKIP-DASH	YELLOW	3 m LINE WITH 9 m SPACE
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 mm 2 @ 100 mm	SOLID SOLID	YELLOW YELLOW	250 mm C-C FROM SKIP-DASH CENTERLINE 300 mm C-C (MIN) SKIP-DASH CENTERLINE BETWEEN
CENTERLINE ON MULTI-LANE UNDIVIDED	2 @ 100 mm	SOLID	YELLOW	300 mm C-C
LANE LINES	100 mm	SKIP-DASH	WHITE	3 m LINE WITH 9 m SPACE
DOTTED LINES EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 mm LINE WITH 1.8 m SPACE
EDGE LINES	150 mm WHITE 125 mm YELLOW	SOLID	WHITE - RIGHT YELLOW - LEFT	OUTLINE RAISED MEDIANS IN YELLOW
TURN LANE MARKINGS	1 IN. LINE FULL SIZE LETTERS AND SYMBOLS (2.4 m)	SOLID	WHITE	TURN ARROW 15.6 SQ. FT. (1.5 SQ. M) STRAIGHT ARROW 13 SQ. FT. (1.2 SQ. M) ONLY 17 SQ. FT. (1.6 SQ. M)
TWO WAY LEFT TURN MARKING	2 @ 100 mm EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	3 m LINE WITH 9 m SPACE FOR SKIP-DASH 300 mm C-C BETWEEN SKIP-DASH LINE AND SOLID LINE
	2.4 m LEFT ARROW	24 PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK	300 mm @ 90°	SOLID	WHITE	300 mm LONGITUDINAL BAR WITH ARROW mm SPACE. 1.8 m TO 3.6 m WIDE SEE TYPICAL CROSSWALK MARKING DETAIL
STOP BARS	600 mm	SOLID	WHITE	PLACE 1.2 m FROM NEAREST CROSSWALK LINE (4) ADDITIONAL 600 mm WHITE BARS SPACED 600 mm APART PLACE 9 m BEHIND STOPPING POINT
PAINTED MEDIANS	2 @ 100 mm WITH 300 mm DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m WIDE MEDIAN	SOLID	YELLOW - 2-WAY TRAFFIC WHITE - 1-WAY TRAFFIC	300 mm C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING DETAIL FOR MINIMUM OF 5 DIAGONALS
CURB MARKING AND CHANNELIZING LINES	200 mm WITH 300 mm DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS 3 m C-C (LESS THAN 35 M.P.H.) 6 m C-C (35 TO 70 M.P.H.) 9 m C-C (OVER 70 M.P.H.) MINIMUM OF 5 DIAGONALS
R.R. CROSSING	600 mm TRANSVERSE LINES 60 (1.5 m) LETTER, 450 mm LINE FOR "X"	SOLID	WHITE	SEE I.D.O.T. STD. 780001 SQUARE METER AREA OF "X" = 1.3 SQ. M. "R" = 3.2 SQ. M.
SHOULDER DIAGONALS	200 mm @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15.2 m C-C (LESS THAN 50 M.P.H.) 23.0 m C-C (50 TO 45 M.P.H.) 45.7 m C-C (OVER 45 M.P.H.) MINIMUM OF 5 DIAGONALS

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO PART 22 "MARKINGS" IN THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND I.D.O.T. HIGHWAY STANDARD 780001 EFFECTIVE JAN. 1, 1998.

TYPICAL RAISED PAVEMENT MARKER INSTALLATION

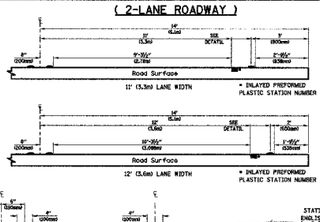


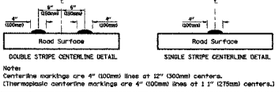
NOTES:
1. SPACING = 40' (12 m) FOR CENTERLINE MARKERS.
2. ALL RAISED PAVEMENT MARKERS ON CENTERLINE ARE 2-WAY YELLOW. LANE LINE MARKERS ARE WHITE/RED.
3. MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH F.H.W.A. MEMORANDUM HOG-21.
4. MARKINGS SHALL BE FIELD ADJUSTED TO BE LOCATED IN CENTER OF THE 30' (9 m) GAP OF A 30'/10' (9 m/3 m) SKIP/DASH CENTERLINE.
5. PAVEMENT MARKERS WHOSE ARE TO BE LOCATED WITHIN THE INTERSECTION OF A CROSS STREET, SHALL NOT BE INSTALLED.
6. A MINIMUM OF 4 WHITE/RED MARKERS SHALL BE INSTALLED ALONG THE TURN LANE LINE.
7. PAVEMENT MARKER PAIRS ON MULTI-LANE ROAD SECTIONS SHALL BE 80' (24 m) CENTER TO CENTER, SPACING WITHIN EACH PAIR SHALL BE 10', CENTERED WITHIN THE 30' (9m) GAP.

CENTER LINE PAVEMENT MARKER INSTALLATION DETAIL

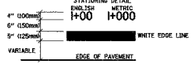
PAVEMENT MARKER LEGEND
= OR ⇔ RAISED PAVEMENT MARKER, DOUBLE YELLOW
-o- RAISED PAVEMENT MARKER, WHITE AND RED

PAVEMENT CROSS SECTION SHOWING TYPICAL PAVEMENT MARKINGS (2-LANE ROADWAY)



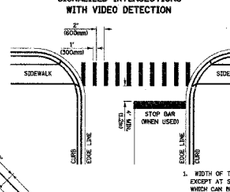


Notes
Centerline markings are 4" (100mm) lines at 12" (300mm) centers.
(Interregional centerline markings are 4" (100mm) lines at 1' (.275m) centers.)

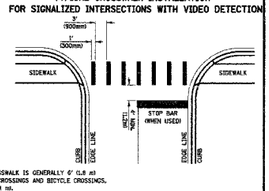


CROSSWALKS

TYPICAL CROSSWALK INSTALLATION ALL LOCATIONS EXCEPT SIGNALIZED INTERSECTIONS WITH VIDEO DETECTION

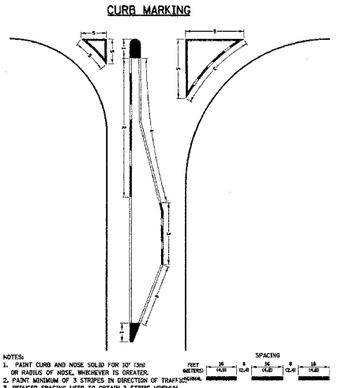


TYPICAL CROSSWALK INSTALLATION FOR SIGNALIZED INTERSECTIONS WITH VIDEO DETECTION



1. WIDTH OF THE CROSSWALK IS GENERALLY 6' (1.8 m) EXCEPT AT SCHOOL CROSSINGS AND BICYCLE CROSSINGS. WIDTH CAN BE 8' (2.4 m).
2. THE STOP BAR SHOULD BE INSTALLED A MINIMUM OF 4' (1.2 m) IN ADVANCE OF THE CROSSWALK.

CURB MARKING



NOTES:
1. PAINT CURB AND NOSE SOLID FOR 30' (9m) OR RADIUS OF NOSE, WHICHEVER IS GREATER.
2. PAINT MINIMUM OF 3 STRIPES IN DIRECTION OF TRAFFIC.
3. REDUCED SPACING USED TO OBTAIN 3 STRIPE MINIMUM.
4. STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
5. PAINT SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.

	SPACING			
FEET METERS	30 9.0	6 1.8	6 1.8	30 9.0
NORMAL	30 9.0	12 3.6	12 3.6	30 9.0
REDUCED FEET METERS	12 3.6	6 1.8	6 1.8	12 3.6

REVISIONS	
NAME	DATE
JOHN SAUTER	11/1/96
JOHN SAUTER	11/06/96

TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS

SCALE: NONE SHEET 2 OF 3 DRAWN BY: JPS
DATE: JAN. 12, 1998 CHECKED BY: ANS

REVISIONS	
NAME	DATE

LakeCounty Division of Transportation

SUNSET AVENUE

LCDOT STANDARD DETAILS

SECTION	99-00069-05-WR
COUNTY	LAKE
TOTAL SHEETS	153
SHEET NO.	151

CONTRACT NO. 83947 ILLINOIS

LCDOT STANDARD DETAILS

SUNSET AVENUE

FAP RTE 1215