STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

7-06

METRIC STANDARD DRAWING FOR
PAVEMENT MARKER SPACING

GENERAL NOTES

1- MARKERS ARE GENERALLY NOT REQUIRED ALONG EDGE LINES, EXCEPT IF DESIGNATED IN THE PLANS OR DIRECTED BY THE ENGINEER. WHEN THEY ARE REQUIRED, SPACE THEM ON 6m CENTERS AND OFFSET 50mm FROM THE EDGE LINE ON THE TRAFFIC SIDE.

2- PLACE CRYSTAL/RED MARKERS AT INTERSECTIONS AND INTERCHANGES WHERE WRONG-WAY MOVEMENTS ARE POSSIBLE. POSITION THE RED SIDE OF THE MARKER TO FACE "WRONG-WAY" TRAFFIC. WHEN USED, PLACE CRYSTAL/RED MARKERS ALONG THE ENTIRE LENGTH OF THE PROJECT.

3- DO NOT PLACE PAVEMENT MARKERS CLOSER THAN 50mm TO A PAVEMENT CONSTRUCTION JOINT (AS FEASIBLE), EXCEPT WHEN PLACED BETWEEN DOUBLE YELLOW CENTER LINES AND ALONG YELLOW SKIP LINES ON TWO-LANE, TWO-WAY ROADWAYS WHERE PASSING IS ALLOWED IN BOTH DIRECTIONS.

4- DO NOT PLACE PAVEMENT MARKERS DIRECTLY ON PAVEMENT MARKING LINES.

5- PLACE PAVEMENT MARKERS USED IN CONJUNCTION WITH DOUBLE YELLOW CENTER LINES MID-WAY BETWEEN THE LINES. PROVIDE A GAP BETWEEN THE LINES AND THE MARKER TO REDUCE OVERSPRAYING THE MARKER DURING REPAINTING OPERATIONS.

6- MARKERS ARE NOT REQUIRED ALONG MINI-SKIP LINES IN TAPERS.

NOTE:
THIS DRAWING IS DIMENSIONED IN MILLIMETERS UNLESS OTHERWISE DEPICTED WITHIN THE DRAWING.

PAVEMENT MARKER SPACING CHART

TYPE OF PAVEMENT MARKING	TYPICAL SPACING (METERS)
SKIP LINES AND CENTER LINES ALONG THRU LANES	
ALONG TANGENT SECTIONS AND HORIZONTAL CURVES LESS THAN 6°	24
HORIZONTAL CURVES ≥ 6°	12
TURN-LANES - MINI SKIP LINES	9
SKIP LINES	12
SOLID LINES	6
CENTER LINES	12
MINI-SKIP LINES AT LANE DROP APPROACHES	9
TWO-WAY RAMP CENTER LINES	12
GORE LINES	6
PAINTED ISLANDS - WHITE	6
YELLOW	12
RAISED MEDIAN ISLANDS	12
WRONG WAY RAMP ARROW	1.5
TAPERS	12
NARROW BRIDGES - EDGE LINE	6
CENTER LINE	12
ONE LANE BRIDGES- EDGE LINE	6

WORK ZONE APPLICATIONS	
2-LANE, 2-WAY ON-SITE DIVERSION	6m FOR CENTER LINE
ALL OTHER DIVERSIONS	½ NORMAL SPACING

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