

TRAVERSE PAVEMENT MARKINGS

- A. Transverse markings, including stop bars, shoulder markings; speed bump markings, crosswalk lines, yield lines, speed limits, and other marking words or symbols shall be white unless otherwise indicated. For symbols see the Federal "Standard Highway Signs" book (Section 1A.11)
- 1) Stop bars and Yield lines shall extend across the approach lanes to indicate the point at which to stop.
 - a) Stop Bars shall be 12 – 24" in width
 - b) Triangles indicating yield lines shall be 12 – 24" at the base with the height being equal to 1.5 times the width of the base.
 - c) Stop bars and yield lines shall be a minimum of 4' from a crosswalk at a controlled intersection.
 - 2) Crosswalks markings shall provide guidance to pedestrians by defining paths across traffic.
 - a) The minimum width between crosswalk lines shall be 6'.
 - b) Crosswalk lines shall extend across the full width of the pavement.
 - c) In areas of high traffic volume, crosswalks should be marked with diagonal lines at a 45° angle to the line of the crosswalk to increase visibility.
 - d) Diagonal lines, if used shall be 12" wide and spaced 60" apart. Wheel paths shall be considered when placing diagonal lines.
 - 3) Pavement word and symbol markings shall be used to guide or warn traffic.
 - a) Symbols should be used in place of words where possible.
 - b) Letters and Numerals shall be a minimum of 6 feet in height.
 - c) Word and symbol markings shall not exceed three lines of information
 - d) Word messages should be read in the direction of travel. The first word in the message should be the closest to the road user.
 - e) Pavement markings should not exceed one lane width unless otherwise indicated.
 - f) Where traffic lanes approach an intersection and turn into turning lanes, lane-use arrows shall be mandatory.
 - g) The word STOP shall not be used as a pavement marking except at the end of aisles in parking lots.
- B. Traverse markings shall be constructed utilizing a durable pavement marking tape.
- 1) Nominal thickness of pavement marking tape shall be 0.065".
 - 2) Pavement marking tape shall be abrasion resistant.
 - 3) The average skid resistance shall be 45BPN when measured in accordance with ASTM E303.
 - 4) Pavement marking tape shall not be applied except between May 15 and September 15. Out of season, when the road surface temperatures and ambient air temperatures are above 40°F, the Town may approve application if additional adhesives are utilized.
 - 5) The pavement surface shall be cleaned with a broom and high pressured blower before applying tape.
 - 6) Pavement marking tape shall not be applied to wet surfaces.
 - 7) Application of marking tape shall be as approved by the manufacturer. Procedure for application shall be submitted to the Town for review.
 - 8) Pavement symbols shall be warranted for a minimum of 2 years.

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