

LONGITUDINAL PAVEMENT MARKINGS

- A. Centerline pavement markings shall be used to delineate the separation of traffic lanes that have opposite directions of travel.
- 1) The centerline shall be in the geometrical center of the roadway unless otherwise required by field conditions.
 - 2) All two way streets greater than 16' wide shall have a centerline.
 - 3) The centerline marking shall be yellow lines, configuration to be approved by the Town Engineer.
- B. Edge line pavement markings shall be used to delineate the shoulder and travel lanes.
- 1) The edge of the travel lane shall consist of a single solid white line.
 - 2) Except for dotted edge line extensions, edge lines shall not be extended through intersections or major driveways.
- C. While separating traffic lanes traveling in the same direction a single broken white line shall be used where crossing lanes is permitted.
- D. Longitudinal pavement markings shall be ready-mixed white or yellow paint which may be used as a base for drop-on reflecting glass beads, or for use as a plain non-reflective traffic paint suitable for either bituminous or concrete surfaces.
- 1) Glass beads shall conform to AASHTO M 247 and shall be Type 2 with a moisture resistant coating.
 - 2) Immediately before applying the pavement marking paint to the pavement, the Contractor shall insure the surface is dry and entirely free from dirt, sand, grease, oil, or other matter which would prevent effective adhesion of the paint to the pavement.
 - 3) The surface temperature of the pavement shall be a minimum of 5 °C (40 °F).
 - 4) Every effort shall be made to apply paint according to the requirements stated in this section. When paint must be applied between the dates of October 15 through April 15 inclusive or on pavement with a surface temperature below 5 °C (40 °F), cold weather paint can be used which does not exceed EPA's Federal Register/Rules and Regulations (40 CFR Part 59 [AD-FRL-6149-7] RIN 2060-AE55), as amended, for VOC content limit and shall meet the AASHTO M248 F and requirements noted below. These products shall be applied according to the manufacturer's requirements.
 - 5) The cold weather paint shall meet the following minimum requirements.
 - a) Property Test Method Requirement
 - b) Dry Opacity (contrast ratio) ASTM D2244 – with a wet film thickness of 18 ± 1 mils.
 - c) VOC ASTM D3960 150 g/l (1.25 lb/gal) Max.
 - d) Drying time ASTM D7111 with wet film thickness of 15 mils 15 Minutes max @ 25°C (77°F)
 - 6) Glass beads shall be evenly applied through the entire paint thickness at a rate of 7 to 9 lbs. to each gallon of paint. Glass beads shall be applied simultaneously with paint, by pressurized or mechanical drop methods.
 - 7) Painted lane lines, edge lines, and centerlines shall have a minimum retroreflectivity of 250 millicandelas for white and 150 millicandelas for yellow. The retroreflectivity measurement will be taken by the Town on lines that are clean and dry within 30 days of application, before any winter maintenance takes place.
 - 8) Paint shall be Maryland Fast Dry Waterborne Traffic Paint, Lead Free by Sherman Williams or approved equal. (Federal Standard 595-38907 yellow or 37925 white)
 - 9) Pavement markings shall be warranted for a minimum of 2 years from final acceptance by the Town.

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<p>APPROVAL</p> <div style="text-align: center;">  TOWN ENGINEER </div> <div style="text-align: right; margin-top: 10px;"> 4/12/11 DATE </div>	<p>REVISED</p> <p>JAN 1, 11</p>	<p>TOWN OF EASTON AND EASTON UTILITIES STANDARD DETAILS LONGITUDINAL PAVEMENT MARKINGS</p>
<p>ISSUED: FEB 25, 2009</p>	<p>STANDARD NO. PW-7.04</p>	