



Pavement Marking Practices

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Marking Materials

Construction Projects

- High Build Waterborne Paint
 - Used as a regular paint and a durable marking within a groove
- Epoxy and Polyurea
- Cold Applied Tape
- Preformed Thermoplastic
- Wet Reflective Elements in certain grooved-in markings

Marking Materials

DOT Maintenance

- High Build Waterborne Paint
- Cold Applied Tape
- Preformed Thermoplastic
- Wet Reflective Elements in certain grooved-in markings

Standards

Construction Projects

- Standard Specifications & Supplemental Specs for High Build Waterborne Paint, Cold Weather Paint, Tape, and Glass Beads
- Special Provision for Durable Pavement Markings for Epoxy and Polyurea
- Plan notes for Preformed Thermoplastic

AASHTO Type 2 Bead

Rates specified for liquid marking materials, beads, & wet reflective elements

Initial Retros

Required for liquid durable pavement markings on projects

- Epoxy, Polyurea, & Grooved-in High Build Paint
- Rates varies depending on material but over 330 mcd/m²/lux for white & over 200 mcd/m²/lux for yellow
- Not required on chip seals though the state reserves the right to check the numbers for minimum acceptability of the markings

Standards

DOT Maintenance

- State Contracts for High Build Waterborne Paint, Cold Applied Tape, Preformed Thermoplastic, Glass Beads, & Wet Reflective Elements



Maintenance Bead Gradation between an AASHTO Type 2 & 3

% Passing No. 14 sieve:	100
% Passing No. 16 sieve:	99-100
% Passing No. 20 sieve:	65-85
% Passing No. 30 sieve:	55-85
% Passing No. 50 sieve:	10-35
% Passing No. 100 sieve:	0-5

Questions?