

**REPORT ON ANALYSIS OF
 TRAFFIC MARKING MATERIALS**

Producer _____ Material Class _____
 Location _____ Material Color _____
 Date Sampled _____ Batch Number _____

Test results of Class 1 & 1H Traffic Line Paint, and Class 2, and 2T Thermoplastic, Drop On Beads (Type 1, 2, 3 & 4), Tape (Class 3), Warranted Traffic Marking Materials and Preformed Thermoplastic as per the governing AASHTO or ASTM Specification:

Tests on Class 1 & Class 1H Traffic Line Paint:			Results
	Total Solids	(Class 1) ASTM D 2369 (Class 1H) ASTM D 3960	
	Viscosity	ASTM D 562	
	Pigment	(Water Based) ASTM D 3723 (Solvent Based) ASTM D 2371	
	Drying Time	ASTM D 711	
	Density	ASTM D 1475	
	Infrared	ASTM D 2743	
Tests on Class 2, or 2T Thermoplastic:			
	Binder Content	ASTM D 4797	
	Glass Beads Content	ASTM D 4797	
	Glass Beads Grading Analysis	ASTM D 1214	*Record results on gradation chart
	Softening Point	ASTM D 36	
	Flowability	AASHTO T 250	
	Specific Gravity	AASHTO T 250	
Tests on Drop On Beads (Type 1, 2, 3, or 4)			
	Roundness	(Type 1 & 2) AASHTO M 247 (Type 3 & 4) FLH T 520-93	
	Crushing Resistance	AASHTO M 247	
	Refractive Index	AASHTO M 247	
	Gradation	(Type 1 & 2) AASHTO M 247 (Type 3 & 4) FHWA FP-96	*Record results on gradation chart.
Tests on Tape (Class 3)			
	Tensile Strength	ASTM D 3759	
	Ultimate Elongation	ASTM D 3759	

	Retroreflectivity	ASTM E 1710	
	Whiteness Index	ASTM E 313	
	Skid Resistance	ASTM D 4505	
Tests on Preformed Thermoplastic			
	Softening Point	AASHTO T 250	
	Intermixed Bead Content	AASHTO T 250	
	Color	AASHTO T 250	
	Daylight Reflectance	AASHTO T 250	
	Yellowness Index	AASHTO T 250	
	Whiteness Index	ASTM E 313	
Tests on Warranted Traffic Marking Materials			
	Material certification for all test parameters required for the warranted product.		

Gradation Analysis of Glass Beads	
Sieve Size	% Passing
12	
14	
16	
18	
20	
25	
30	
40	
50	
80	
100	

Remarks:

This sample does / does not meet the requirements of the ALDOT Specifications for _____.

 Company Representative Signature