

**SCOPE OF WORK**

**ITEM #1 – CATIONIC ASPHALT EMULSION**

4Type – Slow Setting

Grade

	<u>MIN.</u>	<u>CSS-1</u> <u>MAX.</u>
Test on Emulsions:		
Viscosity, Saybolt Furol at 77 degrees Fahrenheit, s	20	100
Viscosity, Saybolt Furol at 122 degrees Fahrenheit, s		
Settlement, <sup>a</sup> 5-day, %		5
Storage Stability Test, <sup>b</sup> 24-h,%		1
Classification Test c		
Or		
Demulsibility, <sup>d</sup> 35 ml 0.8% sodium		
Diocylsulfosuccinate, %		
Coating, Ability and water resistance:		
Coating, dry aggregate		
Coating, after spraying		
Coating, wet aggregate		
Coating, after spraying		
Particle charge test		Positive
Sieve test, %		0.10
Cement mixing test, %		2.0
Distillation:		
Oil distillate, by volume of emulsion, %		
Residue, %	57	
Tests on residue from distillation test:		
Penetration, 77 degrees Fahrenheit, 100 g. 5 s	100	250
Ductility, 77 degrees Fahrenheit, 5cm/min, cm	40	
Solubility in trichloroethylene, %	97.5	
Typical applications <sup>e</sup>		Cold plant mix, recoat tack coat, mulch

Delivery: Various quantities up to 1,000 gallons directly into County equipment at various locations.