

BOWSER-MORNER, INC. - CONSTRUCTION MATERIALS LABORATORY
2009 Laboratory Testing Fees - Bituminous (Asphalt) Materials
AASHTO/ISO 17025 ACCREDITED

Miscellaneous Fees	
Sampling - Time	\$58.00/Hour
Sampling - Mileage	\$0.60/Mile
Consultation, Senior Geologist/Engineer	\$120.00/Hour

Aggregate Analysis	
1. Gradation (ASTM C 136)	\$68.00
2. Decantation (ASTM C 117)	\$58.00
3. Specific Gravity and Absorption (ASTM C 127, C 128)	\$86.00
4. Percent Crushed	
a. One-Face	\$70.00
b. Two-Face	\$90.00

Bituminous Mixtures (Asphaltic Concrete)	
5. Molding Marshall Pills from Hot Mix Sample: Density, Stability & Flow (Field Sample) (ASTM D 1559, D 2726)	\$300.00 set of 3
6. Density, Stability, & Flow Only (Specimens brought in from field) (ASTM D 1559, D2726)	\$40.00
7. Extraction & Gradation (ASTM D 2172, D 5444) - Includes Ash Correction	
a. Centrifuge (Method A)	\$140.00
b. Reflux (Method B)	\$220.00
c. Reflux without gradation, %AC only	\$120.00
8. Max. Theoretical Specific Gravity, Rice (ASTM D 2041)	\$100.00
9. Moisture & Volatile Distillates (ASTM D 1461)	\$310.00
10. Specific Gravity & Density-SSD Specimens (ASTM D 2726)	
a. Marshall Pills	\$40.00
b. Cores; Trimmed & Tested	\$50.00
11. Specific Gravity & Density-Paraffin (ASTM D 1188)	
a. Marshall Pills	\$60.00
b. Cores; Trimmed & Tested	\$70.00

Bituminous Mixtures (Asphaltic Concrete)	
12. Thickness of Asphalt Cores (ASTM D 3549)	\$20.00
13. Abson Recovery, Includes Viscosity (ASTM D 1856)	\$1,000.00
14 Release Agent Test (ODOT Procedure)	\$300.00

Mix Design	
15. Job Mix Formula Verification	\$4,200.00
16. Marshall Mix Design (JMF)	Quote
17. Retained Tensile (AASHTO T 283)	\$4600.00/mix

Liquid AC	
18. Penetration (ASTM D 5)	\$72.00
19. Specific Gravity (ASTM D 70)	\$72.00
20. Float Test (ASTM D 139)	\$115.00
21. Kinematic Viscosity (ASTM D 2170)	\$115.00
22. Vacuum Viscosity (ASTM D 2171)	\$115.00
23. Flash Point (ASTM D 92)	\$135.00
24. Solubility (ASTM D 2042)	\$115.00
25. Thin Film (ASTM D 1754)	\$270.00
26. Ductility (ASTM D 113)	\$270.00
27. Spot Test (AASHTO T 102)	\$135.00
28. Softening Point (ASTM D 36)	\$135.00

Emulsified Asphalts (ASTM D 244)	
29. Water Content (by distillation)	\$165.00
30. Residue & Oil Distillate	\$165.00
31. Residue by Evaporation	\$115.00
32. Particle Charge	\$115.00
33. Saybolt Furol Viscosity	\$135.00
34. Demulsibility	\$135.00
35. Settlement	\$115.00
36. Cement Mixing	\$135.00
37. Sieve Test	\$115.00

Mailing Address:	Shipping Address:	Contact Person:	Alternate Contacts:
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