

**BOWSER-MORNER, INC. - CONSTRUCTION MATERIALS LABORATORY**  
 2011 Laboratory Testing Fees - Bituminous (Asphalt) Materials  
 AASHTO/ISO 17025 ACCREDITED • AASHTO R 18 ACCREDITED • USACE VALIDATED



<b>Miscellaneous Fees</b>	
Sampling - Time	\$60.00/Hour
Sampling - Mileage	\$0.60/Mile
Consultation, Senior Geologist/Engineer	\$125.00/Hour

<b>Aggregate Analysis</b>	
1. Gradation (ASTM C 136)	\$70.00
2. Decantation (ASTM C 117)	\$60.00
3. Specific Gravity and Absorption (ASTM C 127, C 128)	\$88.00
4. Percent Crushed	
a. One-Face	\$70.00
b. Two-Face	\$90.00

<b>Bituminous Mixtures (Asphaltic Concrete)</b>	
5. Molding Marshall Pills from Hot Mix Sample: Density, Stability & Flow (Field Sample) (ASTM D 1559, D 2726)	\$350.00 set of 3
6. Density, Stability, & Flow Only (Specimens brought in from field) (ASTM D 1559, D2726)	\$46.00
7. Extraction & Gradation (ASTM D 2172, D 5444) - Includes Ash Correction	
a. Centrifuge (Method A)	\$145.00
b. Reflux (Method B)	\$230.00
c. Reflux without gradation, %AC only	\$130.00
8. Max. Theoretical Specific Gravity, Rice (ASTM D 2041)	\$120.00
9. Moisture & Volatile Distillates (ASTM D 1461)	\$400.00
10. Specific Gravity & Density-SSD Specimens (ASTM D 2726)	
a. Marshall Pills	\$42.00
b. Cores; Trimmed & Tested	\$52.00
11. Specific Gravity & Density-Paraffin (ASTM D 1188)	
a. Marshall Pills	\$62.00
b. Cores; Trimmed & Tested	\$72.00

<b>Bituminous Mixtures (Asphaltic Concrete)</b>	
12. Thickness of Asphalt Cores (ASTM D 3549)	\$25.00
13. Abson Recovery, Includes Viscosity (ASTM D 1856)	\$1,200.00
14 Release Agent Test (ODOT Procedure)	\$350.00

<b>Mix Design</b>	
15. Job Mix Formula Verification	\$4,400.00
16. Marshall Mix Design (JMF)	Quote
17. Retained Tensile (AASHTO T 283)	\$4,800.00

<b>Liquid AC</b>	
18. Penetration (ASTM D 5)	\$80.00
19. Specific Gravity (ASTM D 70)	\$80.00
20. Float Test (ASTM D 139)	\$120.00
21. Kinematic Viscosity (ASTM D 2170)	\$120.00
22. Vacuum Viscosity (ASTM D 2171)	\$120.00
23. Flash Point (ASTM D 92)	\$150.00
24. Solubility (ASTM D 2042)	\$120.00
25. Thin Film (ASTM D 1754)	\$280.00
26. Ductility (ASTM D 113)	\$280.00
27. Spot Test (AASHTO T 102)	\$150.00
28. Softening Point (ASTM D 36)	\$150.00

<b>Emulsified Asphalts (ASTM D 244)</b>	
29. Water Content (by distillation)	\$180.00
30. Residue & Oil Distillate	\$180.00
31. Residue by Evaporation	\$120.00
32. Particle Charge	\$120.00
33. Saybolt Furol Viscosity	\$150.00
34. Demulsibility	\$150.00
35. Settlement	\$120.00
36. Cement Mixing	\$150.00
37. Sieve Test	\$120.00

<b>Mailing Address:</b>	<b>Shipping Address:</b>	<b>Contact Person:</b>	<b>Alternate Contacts:</b>
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