

Florida Department of Transportation Resolution Testing Costs Year 2017-2018 Rates		
Bituminous Lab		
Test Name	Quantity	Test Cost
Bulk specific gravity of Compacted Bituminous Mixtures (FM 1-T166)	Per roadway core or gyratory pill	\$42.89
Ignition Oven Method (FM5-563)	Per asphalt content	\$117.84
Max specific gravity (FM1-T209)	Per average of two flasks	\$144.50
Superpave Gyratory Compaction (AASHTO T312-04)	Per pair of gyratory pills	\$160.88
Ignition Oven (FM 5-563) and Mechanical Analysis (FM1-T030)	Per gradation	\$153.71
Soil Lab		
Test Name	Quantity	Test Cost
Consolidation (AASHTO T 216)	Per sample	\$281.08
Direct Shear (AASHTO T 236)	Per sample	\$237.50
Dry Gradation (AASHTO T 27)	Per sample	\$50.95
Hydrometer (AASHTO T 88)	Per sample	\$120.15
LBR (FM 5-515)	Per sample	\$339.75
Liquid Limit (AASHTO T 89)	Per sample	\$46.74
Modified Proctor (AASHTO T 180)	Per sample	\$102.00
Moisture Content (AASHTO T 265)	Per sample	\$12.50
Organic (AASHTO T267)	Per sample	\$37.78
Permeability (AASHTO T 215, ASTM 5084, FM 5-513)	Per sample	\$368.07
Plastic Index (AASHTO T 90)	Per sample	\$46.30
Specific Gravity (AASHTO T 100)	Per sample	\$72.36
Split Tensile (ASTM D 3967)	Per sample	\$109.49
Standard Proctor (AASHTO T 99)	Per sample	\$98.97
Triaxial (AASHTO T 297)	Per sample	\$282.68
Soil Unconfined Compression (AASHTO T208/ASTM D2166)	Per sample	\$110.93
Wash Gradation (AASHTO T 88)	Per sample	\$54.00
Aggregate Lab		
Test Name	Quantity	Test Cost
Coarse Aggregate Specific Gravity and Absorption (FM1-T85)	Per sample	\$66.84
Coarse Aggregate Gradation (AASHTO T27)	Per sample	\$51.00
Coarse Aggregate L.A.Abrasion (FM1-T096)	Per sample	\$325.00
Coarse Aggregate Soundness (AASHTO T04)	Per sample	\$371.74
Coarse Aggregate Unit Weight (AASHTO T19)	Per sample	\$56.00
Fine Aggregate Specific Gravity and Absorption (FM1-T084)	Per sample	\$82.50
Fine Aggregate Gradation (AASHTO T27)	Per sample	\$50.45
Fine Aggregate Org. Impur (AASHTO T21)	Per sample	\$42.50
Physical Lab		
Test Name	Quantity	Test Cost
Core Breaks (ASTM C42)	Per Core	\$34.92
Cylinder Break (ASTM C39)- For resolution investigation that compares with verification, see section 346		
Chemical Lab		
Test Name	Quantity	Test Cost
Acid insol (FM 5-510)	Per sample	\$113.00
Limerock (FM 5-514)	Per sample	\$59.50
Topsoil (T267 & FM 5-550)	Per sample	\$53.66
Water for Concrete (FM 5-550, FM 5-551, FM 5-552)	Per sample	\$101.38
Corrosion Lab		
Test Name	Quantity	Test Cost
Resistivity of Soil and Water (FM 5-551)	Per sample	\$40.81
Chloride in Soil and Water (FM 5-552)	Per sample	\$38.72
Sulfate in Soil and Water (FM 5-553)	Per sample	\$34.04
pH of Soil and Water (FM 5-550)	Per sample	\$33.96