

Florida Department of Transportation		
Resolution Testing Costs		
Year 2021-2022 Rates		
Bituminous Lab		
Test Name	Quantity	Test Cost
Bulk specific gravity of Compacted Bituminous Mixtures (FM 1-T166)	Per roadway core or gyratory pill	\$52.62
Ignition Oven Method (FM5-563)	Per asphalt content	\$137.09
Max specific gravity (FM1-T209)	Per average of two flasks	\$152.94
Superpave Gyratory Compaction (AASHTO T312-04)	Per pair of gyratory pills	\$170.47
Ignition Oven (FM 5-563) and Mechanical Analysis (FM1-T030)	Per gradation	\$206.00
Soil Lab		
Test Name	Quantity	Test Cost
Consolidation (AASHTO T 216)	Per sample	\$349.74
Direct Shear (AASHTO T 236)	Per sample	\$263.30
Dry Gradation (AASHTO T 27)	Per sample	\$65.50
Hydrometer (AASHTO T 88)	Per sample	\$133.97
LBR (FM 5-515)	Per sample	\$348.63
Liquid Limit (AASHTO T 89)	Per sample	\$55.47
Modified Proctor (AASHTO T 180)	Per sample	\$121.60
Moisture Content (AASHTO T 265)	Per sample	\$16.21
Organic (AASHTO T267)	Per sample	\$42.53
Permeability (AASHTO T 215, ASTM 5084, FM 5-513)	Per sample	\$292.22
Plastic Index (AASHTO T 90)	Per sample	\$52.77
Specific Gravity (AASHTO T 100)	Per sample	\$76.05
Split Tensile (ASTM D 3967)	Per sample	\$131.15
Standard Proctor (AASHTO T 99)	Per sample	\$115.12
Triaxial (AASHTO T 297)	Per sample	\$421.57
Soil Unconfined Compression (AASHTO T208/ASTM D2166)	Per sample	\$148.95
Wash Gradation (AASHTO T 88)	Per sample	\$95.96
Aggregate Lab		
Test Name	Quantity	Test Cost
Coarse Aggregate Specific Gravity and Absorption (FM1-T85)	Per sample	\$81.77
Coarse Aggregate Gradation (AASHTO T27)	Per sample	\$62.36
Coarse Aggregate L.A.Abrasion (FM1-T096)	Per sample	\$304.32
Coarse Aggregate Soundness (AASHTO T04)	Per sample	\$305.60
Coarse Aggregate Unit Weight (AASHTO T19)	Per sample	\$54.37
Fine Aggregate Specific Gravity and Absorption (FM1-T084)	Per sample	\$102.95
Fine Aggregate Gradation (AASHTO T27)	Per sample	\$61.50
Fine Aggregate Org. Impur (AASHTO T21)	Per sample	\$44.36
Physical Lab		
Test Name	Quantity	Test Cost
Core Breaks (ASTM C42)	Per Core	\$43.63
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	\$70.08
Chloride in Soil and Water (FM 5-552)	Per sample	\$52.80
Limerock (FM 5-514)	Per sample	\$92.29
pH of Soil and Water (FM 5-550)	Per sample	\$43.59
Sulfate in Soil and Water (FM 5-553)	Per sample	\$54.84
Corrossion Lab		
Test Name	Quantity	Test Cost
Chloride in Soil and Water (FM 5-552)	Per sample	\$54.14
pH of Soil and Water (FM 5-550)	Per sample	\$39.85
Resistivity of Soil and Water (FM 5-551)	Per sample	\$47.57
Sulfate in Soil and Water (FM 5-553)	Per sample	\$49.85