

Florida Department of Transportation		
Resolution Testing Costs		
Year 2022-2023 Rates		
Bituminous Lab		
Test Name	Quantity	Test Cost
Bulk specific gravity of Compacted Bituminous Mixtures (FM 1-T166)	Per roadway core or gyratory pill	\$57.37
Ignition Oven Method (FM5-563)	Per asphalt content	\$137.09
Max specific gravity (FM1-T209)	Per average of two flasks	\$139.19
Superpave Gyratory Compaction (AASHTO T312-04)	Per pair of gyratory pills	\$107.00
Ignition Oven (FM 5-563) and Mechanical Analysis (FM1-T030)	Per gradation	\$207.50
Soil Lab		
Test Name	Quantity	Test Cost
Consolidation (AASHTO T 216)	Per sample	\$353.90
Direct Shear (AASHTO T 236)	Per sample	\$301.11
Dry Gradation (AASHTO T 27)	Per sample	\$71.39
Hydrometer (AASHTO T 88)	Per sample	\$132.98
LBR (FM 5-515)	Per sample	\$349.84
Liquid Limit (AASHTO T 89)	Per sample	\$57.01
Modified Proctor (AASHTO T 180)	Per sample	\$132.70
Moisture Content (AASHTO T 265)	Per sample	\$16.37
Organic (AASHTO T267)	Per sample	\$42.95
Permeability (AASHTO T 215, ASTM 5084, FM 5-513)	Per sample	\$289.48
Plastic Index (AASHTO T 90)	Per sample	\$57.82
Specific Gravity (AASHTO T 100)	Per sample	\$77.44
Split Tensile (ASTM D 3967)	Per sample	\$132.69
Standard Proctor (AASHTO T 99)	Per sample	\$130.70
Triaxial (AASHTO T 297)	Per sample	\$421.57
Soil Unconfined Compression (AASHTO T208/ASTM D2166)	Per sample	\$149.13
Wash Gradation (AASHTO T 88)	Per sample	\$97.56
Aggregate Lab		
Test Name	Quantity	Test Cost
Coarse Aggregate Specific Gravity and Absorption (FM1-T85)	Per sample	\$84.06
Coarse Aggregate Gradation (AASHTO T27)	Per sample	\$71.34
Coarse Aggregate L.A.Abrasion (FM1-T096)	Per sample	\$331.57
Coarse Aggregate Soundness (AASHTO T04)	Per sample	\$327.82
Coarse Aggregate Unit Weight (AASHTO T19)	Per sample	\$55.94
Fine Aggregate Specific Gravity and Absorption (FM1-T084)	Per sample	\$99.75
Fine Aggregate Gradation (AASHTO T27)	Per sample	\$71.34
Fine Aggregate Org. Impur (AASHTO T21)	Per sample	\$46.57
Physical Lab		
Test Name	Quantity	Test Cost
Core Breaks (ASTM C42)	Per Core	\$45.79
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	\$120.00
Chloride in Soil and Water (FM 5-552)	Per sample	\$64.76
Limerock (FM 5-514)	Per sample	\$79.79
pH of Soil and Water (FM 5-550)	Per sample	\$43.59
Sulfate in Soil and Water (FM 5-553)	Per sample	\$54.57
Corrossion Lab		
Test Name	Quantity	Test Cost
Chloride in Soil and Water (FM 5-552)	Per sample	\$64.14
pH of Soil and Water (FM 5-550)	Per sample	\$44.89
Resistivity of Soil and Water (FM 5-551)	Per sample	\$55.50
Sulfate in Soil and Water (FM 5-553)	Per sample	\$54.56