

Florida Department of Transportation		
Resolution Testing Costs		
Year 2020-2021 Rates		
Bituminous Lab		
Test Name	Quantity	Test Cost
Bulk specific gravity of Compacted Bituminous Mixtures (FM 1-T166)	Per roadway core or gyratory pill	\$45.71
Ignition Oven Method (FM5-563)	Per asphalt content	\$104.91
Max specific gravity (FM1-T209)	Per average of two flasks	\$147.44
Superpave Gyratory Compaction (AASHTO T312-04)	Per pair of gyratory pills	\$179.38
Ignition Oven (FM 5-563) and Mechanical Analysis (FM1-T030)	Per gradation	\$177.33
Soil Lab		
Test Name	Quantity	Test Cost
Consolidation (AASHTO T 216)	Per sample	\$296.29
Direct Shear (AASHTO T 236)	Per sample	\$280.19
Dry Gradation (AASHTO T 27)	Per sample	\$54.31
Hydrometer (AASHTO T 88)	Per sample	\$120.51
LBR (FM 5-515)	Per sample	\$347.25
Liquid Limit (AASHTO T 89)	Per sample	\$53.32
Modified Proctor (AASHTO T 180)	Per sample	\$108.22
Moisture Content (AASHTO T 265)	Per sample	\$15.00
Organic (AASHTO T267)	Per sample	\$39.91
Permeability (AASHTO T 215, ASTM 5084, FM 5-513)	Per sample	\$288.35
Plastic Index (AASHTO T 90)	Per sample	\$50.15
Specific Gravity (AASHTO T 100)	Per sample	\$73.09
Split Tensile (ASTM D 3967)	Per sample	\$122.08
Standard Proctor (AASHTO T 99)	Per sample	\$106.01
Triaxial (AASHTO T 297)	Per sample	\$412.25
Soil Unconfined Compression (AASHTO T208/ASTM D2166)	Per sample	\$140.99
Wash Gradation (AASHTO T 88)	Per sample	\$59.22
Aggregate Lab		
Test Name	Quantity	Test Cost
Coarse Aggregate Specific Gravity and Absorption (FM1-T85)	Per sample	\$77.51
Coarse Aggregate Gradation (AASHTO T27)	Per sample	\$54.31
Coarse Aggregate L.A. Abrasion (FM1-T096)	Per sample	\$280.06
Coarse Aggregate Soundness (AASHTO T04)	Per sample	\$287.00
Coarse Aggregate Unit Weight (AASHTO T19)	Per sample	\$59.37
Fine Aggregate Specific Gravity and Absorption (FM1-T084)	Per sample	\$120.00
Fine Aggregate Gradation (AASHTO T27)	Per sample	\$54.31
Fine Aggregate Org. Impur (AASHTO T21)	Per sample	\$45.23
Physical Lab		
Test Name	Quantity	Test Cost
Core Breaks (ASTM C42)	Per Core	\$40.50
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	\$59.84
Topsoil (T267 & FM 5-550)	Per sample	\$53.48
Water for Concrete (FM 5-550, FM 5-551, FM 5-552)	Per sample	\$109.84
Corrosion Lab		
Test Name	Quantity	Test Cost
Resistivity of Soil and Water (FM 5-551)	Per sample	\$47.35
Chloride in Soil and Water (FM 5-552)	Per sample	\$48.90
Sulfate in Soil and Water (FM 5-553)	Per sample	\$49.82
pH of Soil and Water (FM 5-550)	Per sample	\$37.41