

Florida Department of Transportation		
Resolution Testing Costs		
Year 2019-2020 Rates		
Bituminous Lab		
Test Name	Quantity	Test Cost
Bulk specific gravity of Compacted Bituminous Mixtures (FM 1-T166)	Per roadway core or gyratory pill	\$45.30
Ignition Oven Method (FM5-563)	Per asphalt content	\$114.39
Max specific gravity (FM1-T209)	Per average of two flasks	\$140.50
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	\$181.00
Soil Lab		
Test Name	Quantity	Test Cost
Consolidation (AASHTO T 216)	Per sample	\$311.13
Direct Shear (AASHTO T 236)	Per sample	\$254.34
Dry Gradation (AASHTO T 27)	Per sample	\$52.19
Hydrometer (AASHTO T 88)	Per sample	\$120.15
LBR (FM 5-515)	Per sample	\$345.37
Liquid Limit (AASHTO T 89)	Per sample	\$50.56
Modified Proctor (AASHTO T 180)	Per sample	\$106.61
Moisture Content (AASHTO T 265)	Per sample	\$15.00
Organic (AASHTO T267)	Per sample	\$38.38
Permeability (AASHTO T 215, ASTM 5084, FM 5-513)	Per sample	\$382.66
Plastic Index (AASHTO T 90)	Per sample	\$49.25
Specific Gravity (AASHTO T 100)	Per sample	\$73.39
Split Tensile (ASTM D 3967)	Per sample	\$121.25
Standard Proctor (AASHTO T 99)	Per sample	\$104.36
Triaxial (AASHTO T 297)	Per sample	\$365.76
Soil Unconfined Compression (AASHTO T208/ASTM D2166)	Per sample	\$152.63
Wash Gradation (AASHTO T 88)	Per sample	\$60.44
Aggregate Lab		
Test Name	Quantity	Test Cost
Coarse Aggregate Specific Gravity and Absorption (FM1-T85)	Per sample	\$72.45
Coarse Aggregate Gradation (AASHTO T27)	Per sample	\$52.19
Coarse Aggregate L.A. Abrasion (FM1-T096)	Per sample	\$278.13
Coarse Aggregate Soundness (AASHTO T04)	Per sample	\$284.63
Coarse Aggregate Unit Weight (AASHTO T19)	Per sample	\$57.33
Fine Aggregate Specific Gravity and Absorption (FM1-T084)	Per sample	\$85.00
Fine Aggregate Gradation (AASHTO T27)	Per sample	\$52.19
Fine Aggregate Org. Impur (AASHTO T21)	Per sample	\$44.35
Physical Lab		
Test Name	Quantity	Test Cost
Core Breaks (ASTM C42)	Per Core	\$41.66
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	\$53.16
Water for Concrete (FM 5-550, FM 5-551, FM 5-552)	Per sample	\$114.13
Corrosion Lab		
Test Name	Quantity	Test Cost
Resistivity of Soil and Water (FM 5-551)	Per sample	\$45.15
Chloride in Soil and Water (FM 5-552)	Per sample	\$45.49
Sulfate in Soil and Water (FM 5-553)	Per sample	\$48.02
pH of Soil and Water (FM 5-550)	Per sample	\$36.50