

TABLE 2 - Test Turn Around and Fee Table

Holidays and weekends are not included in test turn around times.

Turn Around Time - Is the amount of time where preliminary results are required to be available to CCPW after sampling has occurred.

Upload Time - Is the number of days until results are required to be uploaded into project management software after sampling has occurred.

SOILS AND AGGREGATE

Testing Standard	Description	Turn Around Time (Hrs)	Upload Time (Days)	Testing Fee
AASHTO T11	Material Finer Than the 75 -um (No.200) Sieve	24	2	\$100
AASHTO T19	Unit Weight and Voids in Aggregates	24	2	\$100
AASHTO T21	Organic Impurities in Fine Aggregate for Concrete	24	2	\$100
AASHTO T27	Sieve Analysis of Fine and Coarse Aggregates	24	2	\$125
AASHTO T84	Specific Gravity and Absorption of Fine Aggregate	72	4	\$150
AASHTO T85	Specific Gravity and Absorption of Coarse Aggregate	48	3	\$150
AASHTO T89 and T90	Liquid Limit , Plastic Limit, and Plasticity Index of Soils	72	4	\$150
AASHTO T96	LA Abrasion	48	3	\$200
AASHTO T104	Soundness of Aggregates by Use of Sodium Sulfate	168	8	\$1,000
AASHTO T112	Clay Lumps and Friable Particles	48	3	\$75
AASHTO T113	Lightweight Pieces in Aggregate	48	3	\$150
AASHTO T190	Resistance R-Value and Expansion Pressure of Compacted Soils	96	5	\$500
AASHTO T191	Density and Unit Weight of Soils in Place by - Sand Cone Method	24	3	\$150
AASHTO T238	Density of Soil and Soil-Aggregate in Place by Nuclear Methods	1	1	\$50
AASHTO T239	Moisture Content of Soil and Rock in Place by Nuclear Methods	1	1	\$50
AASHTO TP57	Methylene Blue (Materials Passing #200 Sieve)	72	4	\$200
AASHTO T99	Moisture/Density Relationship of Soils	72	4	\$150
AASHTO T180	Laboratory Compaction Characteristics of Soil Using Modified Effort (Granular Material)	48	3	\$150
	Laboratory Compaction Characteristics of Soil Using Modified Effort (Clay and Silt Material)	72	4	\$150
Cal-Trans 227	Cleanness Value	48	3	\$150
AASHTO T335	Determining Percent of Fractured Faces	24	2	\$100
Cal-Trans 643	Ph and Electrical Resistance	24	2	\$50
AASHTO T265	Laboratory Determination of Water (Moisture) Content of Soil and Rock	24	2	\$50
AASHTO T176	Sand Equivalent Value of Soils and Fine Aggregates	48	3	\$125
ASTM D4791	Flat and Elongated Particles in Coarse Aggregates	24	2	\$150
USS 704.03.07.D ASTM D4832	Preparation and Testing of CLSM Samples	24ACT	24ACT	200/set
ASTM D1633 A	Compressive Strength of Molded Soil -Cement Cylinders	24ACT	24ACT	\$25
AWWA 3500-NaD	Total Available Water Soluble Sulfates	96	5	\$150
AWWA 4500E		96	5	\$150
Cal-Trans 417B	Soluble Sulfates in Soils	96	5	\$225

ASPHALTIC BINDER

Testing Standard	Description	Turn Around Time (Hrs)	Upload Time (Days)	Acceptance Fee
AASHTO T49	Penetration of Bituminous Materials	24	2	\$75
AASHTO T59	Emulsified Asphalts	48	3	\$300
AASHTO T72	Saybolt Viscosity	48	3	\$125
AASHTO T313	PAV Aged - Method for Determining Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)	72	4	\$500
AASHTO T314	PAV Aged - Direct Tension	72	4	\$500
AASHTO T315	PAV Aged - Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	72	4	\$500
NDOT T746	Ductility of Bituminous Materials @ 4° C	24	2	\$100

HOTMIX ASPHALT				
Testing Standard	Description	Turn Around Time (Hrs)	Upload Time (Days)	Acceptance Fee
AASHTO T164	Quantitative Extraction of Bitumen from Bituminous Paving Mixtures	24	2	\$150
AASHTO T245	Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus	24	2	\$300/set
AASHTO T275	Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Paraffin -Coated Specimens	24	2	\$50
AASHTO T209	Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures	2	1	\$100
AASHTO T355	Density of Bituminous Concrete in Place by Nuclear Method	1	1	50/test
AASHTO T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by Ignition Method	6	1	\$200
*AASHTO T340	Determining the Rutting Susceptibility of HMA using the Asphalt Pavement Analyzer (APA)	72	4	\$800 / Set
CONCRETE				
Testing Standard	Description	Turn Around Time (Hrs)	Upload Time (Days)	Acceptance Fee
ASTM C39	Compressive Strength of Cylindrical Concrete Specimens	24ACT	24ACT	100/set of 4
ASTM C31	Making and Curing Concrete Test Specimens in the Field	NA	NA	100/hour
ASTM C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	24	2	160/hour
ASTM C40	Effect of Organic Impurities in Fine Aggregate on Strength of Mortar	672	30	\$2,500
NDOT T442G	Flexural Strength of Concrete (Using Simple Beam with Third -Point Loading)	24ACT	24ACT	75/ea.
ASTM C143	Slump of Hydraulic Cement Concrete	1	1	\$50
ASTM C138	Unit Weight, Yield, and Air Content (Gravimetric) of Concrete	1	1	\$75
ASTM C192	Making and Curing Concrete Test Specimens in the Laboratory	NA	NA	100/hour
ASTM C231	Air Content of Freshly Mixed Concrete by the Pressure Method	1	1	\$125
ASTM C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	1	1	\$125
ASTM C567	Unit Weight of Freshly Mixed Structural Lightweight Concrete	1	1	\$75
COATINGS				
Testing Standard	Description	Turn Around Time (Hrs)	Upload Time (Days)	Acceptance Fee
ASTM D1400	Nondestructive Measurement of Dry Film Thickness of Nonconductive Coatings Applied to a Nonferrous Metal	1	1	\$25
Fed Spec TT-E-489	Paint Thickness	1	1	\$25
STEEL				
Testing Standard	Description	Turn Around Time (Hrs)	Upload Time (Days)	Acceptance Fee
AASHTO T244	Test Methods and Definitions for Mechanical Testing of Steel Products	48	3	125/bar
ASTM E709	Practice for Magnetic Particle Examination	EOD	2	250/hour
AWS D2.0	Welding Inspection	EOD	2	250/hour
ASTM A615	Ultimate Tensile Strength - Completed prior to placement of concrete on structures	48	3	125/bar
TRAFFIC MARKINGS				
Testing Standard	Description	Turn Around Time (Hrs)	Upload Time (Days)	Acceptance Fee
ASTM D711	No-Pick-Up Time of Traffic Paint	24	2	100/hour
Legend:				
ACT = After Completion of Test				
EOD = End of the Day				
Revisions 9/18/17, *12/7/18				