

**SAMPLING, TESTING AND INSPECTION CHARGES**

**(Effective: September 1, 2008)**

<u>Charge Out Number</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Billing Rate</u>
1011	Aggregate - Extracted Gradation	Test	\$ 39.36
1012	Aggregate - Coarse Gradation	Test	\$ 32.90
1013	Aggregate - Fine Gradation	Test	\$ 30.94
1014	Aggregate - Lithological Exam	Test	\$ 51.34
1015	Aggregate - Percent Crushing	Test	\$ 11.30
1016	Coarse Aggregate - Sp. Gr. And Abs.	Test	\$ 58.85
1017	Fine Aggregate - Sp. Gr. And Abs.	Test	\$ 133.36
1018	Aggregate - Abrasion Resistance (L.A.R.)	Test	\$ 38.59
1019	Aggregate - Flat & Elongated	Test	\$ 17.21
1020	Aggregate - Sand Equivalency	Test	\$ 34.62
1021	Aggregate - Fine Angularity	Test	\$ 11.13
1022	Color Plate	Test	\$ 9.58
1023	Micro Deval	Test	\$ 37.96
1024	Flexural Strength of Concrete	Test	\$ 19.89
1026	AGG Quality - Magnesium Sulfate	Test	\$ 85.43
1028	Sieve and Scale Testing & Calibration	Test	\$ 4.55
1029	AGG Qual ( Sand-Shale Col PL)	Test	\$ 13.68
1032	Rapid Chloride Permeabilty of Concrete	Test	\$ 565.72
1034	Flakiness Index	Test	\$ 23.86
1035	Loose Unit Weight (ASTM C29)	Test	\$ 23.07
1036	Seal Coat Application Rate Determination	Design	\$ 140.36
1037	Soil-Prep. And Coarse Gradation	Test	\$ 62.53
1038	Soil-Hydrometer (Fine Gradation)	Test	\$ 35.50
1039	Rock - Unconfined	Test	\$ 84.08
1040	Rock - Split Tensile	Test	\$ 55.73
1041	Soil - Plasticity Index	Test	\$ 17.83
1042	Aggregate & Soil - Moisture Density Rel.	Test	\$ 100.38
1043	Soil - Compost	Test	\$ 411.36
1045	Aggregate & Soil - Field Moisture Deter.	Test	\$ 4.25
1046	Soils - Specific Gravity	Test	\$ 3.94
1047	Soils - Misc. Chemical Analysis	Test	\$ 63.06
1048	Soil - Fertility - Mn/DOT	Test	\$ 29.75
1049	Soil - Triaxial	Test	\$ 46.25
1050	Soil Classification Moisture Content	Test	\$ 10.96
1052	Soil - Unconfined Compression & Moisture	Test	\$ 19.78
1053	Soil - Direct Shear	Test	\$ 36.16
1054	Soil Consolidation	Test	\$ 58.70
1056	Soil Stabilometer Test	Test	\$ 109.41
1057	Soil - Permeability	Test	\$ 127.64
1058	Resilient Modulus	Test	\$ 132.59
1062	Brick	Test	\$ 118.49
1063	Grey Iron Casting	Test	\$ 17.06
1064	Cement	Test	\$ 66.74
1065	Prestressing Tendons	Test	\$ 29.38
1066	Bolts, Nuts & Washers	Test	\$ 65.05
1067	Fly Ash Testing	Test	\$ 79.71

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1068	Electrical Materials	Test	\$ 63.61
1070	Concrete Curing Material	Test	\$ 136.66
1071	Concrete Masonry Unit	Test	\$ 632.63
1072	Concrete Cylinder	Test	\$ 8.63
1075	Drain Tile - P.E.	Test	\$ 128.14
1076	Premolded Expansion Joint	Test	\$ 90.23
1077	Premolded Neoprene	Test	\$ 101.67
1078	Reinforce steel test tensile	Test	\$ 9.50
1079	Culverts & Miscellaneous Cores	Test	\$ 44.75
1081	Steel Posts	Test	\$ 83.51
1082	Wire Mesh	Test	\$ 126.00
1083	Steel Cable and Fittings	Test	\$ 47.27
1084	Epoxy Reinforcing Steel	Test	\$ 13.45
1086	Fencing	Test	\$ 58.89
1088	Cores Drilled from Pavement	Sample	\$ 17.02
1090	Bearing Pad Tensile	Test	\$ 85.80
1091	Bearing Pads Compression Tests	Test	\$ 50.02
1093	Concrete Curing Compound - Chemical test	Test	\$ 26.25
1095	Plate Beam Guard Rail	Test	\$ 31.04
1097	Geo Textile Testing	Test	\$ 91.07
1101	RAP Max. Sp. Gr. (Recycled Asphalt Pavement)	Test	\$ 48.02
1103	Additives for Cement	Test	\$ 16.81
1104	Insoluble Residue	Test	\$ 97.50
1106	PASSRC/PASB Mix Design	Test	\$ 89.36
1107	Modified Lottman Test	Test	\$ 124.42
1108	Mixture Properties Determination (Void Update)	Test	\$ 78.99
1109	Trial Mix Verification	Test	\$ 250.50
1110	Bituminous Material	Test	\$ 138.30
1111	Bit Mix-Extract and Abson Rec	Test	\$ 188.32
1112	Bituminous Trial Mix	Test	\$ 525.50
1113	Density Cores	Test	\$ 13.01
1114	RAP Prep	Test	\$ 30.15
1115	Calcium Chloride	Test	\$ 55.37
1116	Cement - Chemical Tests	Test	\$ 249.63
1117	Drill Tests	Test	\$ 8.65
1118	Fly Ash - Chemical Tests	Test	\$ 218.91
1119	Flash Point	Test	\$ 17.57
1121	Fuels: Gasoline, Diesel & Furnace	Test	\$ 97.24
1122	Glass Beads	Test	\$ 31.64
1124	Water - Chemical Analysis	Test	*
1126	Chemical Analysis - Epoxy Resins	Test	\$ 12.48
1129	PG Asphalt Binder	Test	\$ 233.12
1132	Metal Analysis	Test	\$ 269.47
1133	Sign sheeting	Test	\$ 45.75
1134	Asphalt Content By Incineration	Test	\$ 32.40
1135	Centrifuge Bituminous Extraction	Test	\$ 59.38

Connie Williams  
 MN/Dot Project Accounting Unit  
 651 366-4903 / Mail Stop 21 5

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1136	Traffic Tape / R.S.	Test	\$ 127.51	
1140	Paint	Test	\$ 38.09	
1142	Rock Salt	Test	\$ 27.67	
1143	Rubber Asphalt	Test	\$ 61.32	
1144	Silicone Joint Sealer	Test	\$ 56.23	
1150	Soil - Organic Matter	Test	\$ 29.43	
1151	Spelter	Test	\$ 33.42	
1159	Water for Concrete Mortar Comp.		*	*** note
1160	Water for Concrete - Chemical Test	Test	\$ 96.63	
1170	Thermometer Calibration	Test	\$ 4.26	
1204	Corrugated Metal Culverts	Ton	*	
1208	Precast Box Culvert	Piece	\$ 18.79	**note
1209	Sectional Concrete Culvert Pipe	Ton	\$ 0.86	
1220	Inspection of Fencing	L.F.	\$ 0.78	
1221	Steel Sign Posts	Inspection	*	
1222	Guard Rail Fittings	Inspection	*	
1225	Epoxy Reinforcing Steel - Sampling, Testing and Inspection	Ton	\$ 7.55	
1227	Premolded Expansion Joints	Sq. Ft.	\$ 0.13	
1246	Electrical Inspection	C.L.F.	\$ 0.26	
1251	Curing Compound by Others	Test	*	
1265	Seed Testing By Others	Test	\$ 123.92	
1283/1284	Skid Resistance Survey/Skid Resistance Maintenance	Test	\$ 34.36	
1285/1286	Falling Weight Deflectometer/FWD Maintenance	Test	\$ 14.49	
0516	Rapid Mortar Bar ASR		62.61	

\* Actual Labor Cost plus Additives

\*\* Test 1208 - Inspection charges may vary from the established rate. Inspection at plants with higher per-piece inspection costs will be billed on a time and materials basis. Please contact your State Aid representative for additional information.

\*\*\* Actual Expense are charged to project.