

Charge Out Number(s)	Descriptions		Effective May 1, 2024 Rates
1011	Aggregate - Extracted Gradation	test	45.69
1012	Aggregate - Coarse Gradation	test	52.81
1013	Aggregate - Fine Gradation	test	53.39
1014	Aggregate - Lithological Exam	test	54.64
1015	Aggregate - Percent Crushing	test	13.55
1016	Coarse Aggregate - Sp. Gr. And Abs.	test	81.74
1017	Fine Aggregate - Sp. Gr. And Abs.	test	149.88
1018	Aggregate - Abrasion Resistance (L.A.R.)	test	41.39
1019	Aggregate - Flat & Elongated	test	123.14
1020	Aggregate - Sand Equivalency	test	148.07
1021	Aggregate - Fine Angularity	test	17.82
1022	Color Plate	test	42.74
1024	Flexural Strength of Concrete	test	37.91
1026	AGG Quality - Magnesium Sulfate	test	128.89
1027	Coarse Aggregate 200 Wash	test	32.14
1028	Sieve and Scale Testsing & Calibration	test	0.00
1029	AGG Qual ( Sand-Shale Col PL)	test	18.33
1032	RAP Chloride Permeability Concrete	test	0.00
1034	Flakiness Index	test	45.04
1035	Loose Unit Weight (ASTM C29)	test	56.80
1037	Soil-Prep. And Coarse Gradation	test	56.99
1038	Soil-Hydrometer (Fine Gradation)	test	160.16
1039	Rock - Unconfined	test	133.78
1040	Rock - Split Tensile	test	88.57
1041	Soil - Plasticity Index	test	94.68
1042	Aggregate & Soil - Moisture Density Rel.	test	293.98
1043	Soil - Compost	test	148.08
1045	Aggregate & Soil - Field Moisture Deter.	test	7.41
1046	Soils - Specific Gravity	test	27.93
1047	Soils - Misc. Chemical Analysis	test	49.26
1048	Soil - Fertility - Mn/DOT	test	156.99
1049	Soil - Triaxial	test	42.04
1050	Soil Classification Moisture Content	test	15.14
1052	Soil - Unconfined Compression & Moisture	test	30.27
1053	Soil - Direct Shear	test	72.71
1054	Soil Consolidation	test	93.64
1056	Soil Stabilometer Tests	test	434.91
1057	Soil - Permeability	test	309.79
1058	Resilient Modulus	test	211.16
1062	Sewer Brick & Block	test	323.79
1063	Grey Iron Casting	test	23.57
1064	Cement	test	192.34

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1065	Prestressing Tendons	test	157.44
1066	Bolts, Nuts & Washers	test	46.36
1067	Fly Ash Testsing	test	170.69
1068	Electrical Materials	test	208.34
1070	Concrete Curing Material	test	237.66
1071	Concrete Masonry Unit	test	1,248.09
1072	Concrete Cylinder	test	15.20
1075	Drain Tile - P.E.	test	0.00
1076	Premolded Expansion Joint	test	61.89
1077	Premolded Neoprene	test	77.71
1078	Reinforce steel Tests tensile	test	57.58
1079	Culverts & Miscellaneous Cores	test	105.14
1081	Steel Posts	test	137.40
1082	Wire Mesh	test	40.40
1083	Steel Cable and Fittings	test	27.92
1084	Epoxy Reinforcing Steel	test	22.42
1086	Fencing	test	59.02
1088	Cores Drilled from Pavement	sample	52.75
1090	Bearing Pad Tensile	test	0.00
1091	Bearing Pads Compression Testss	test	0.00
1093	Concrete Curing Compound - Chemical Tests	test	49.62
1095	Plate Beam Guard Rail	test	111.12
1097	Geo Textile Testsing	test	176.87
1101	RAP Max. Sp. Gr. (Recycled Asphalt Pavement)	test	150.54
1102	Option 2, Trial Mix Review	test	59.82
1103	Additives for Cement	test	9.52
1104	Insoluble Residue	test	105.07
1107	Modified Lottman Tests	test	393.54
1109	Option 1 - Trial Mix Verification	test	403.30
1110	Bituminous Material	test	175.93
1111	Bit Mix-Extract and Abson Rec	test	249.18
1112	Bituminous Trial Mix	test	837.74
1113	Density Cores	test	18.15
1114	RAP Prep	test	151.45
1115	Calcium Chloride	test	71.05
1116	Cement - Chemical Testss	test	186.15
1117	Drill Dust Tests	test	68.61
1118	Fly Ash - Chemical Testss	test	61.66
1119	Flash Point	test	27.71
1121	Fuels: Gasoline, Diesel & Furnace	test	154.76
1122	Glass Beads	test	47.21
1126	Chemical Analysis - Epoxy Resins	test	29.58

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1129	PG Asphalt Binder	test	321.95
1132	Metal Analysis	test	575.65
1133	Sign sheeting	test	72.64
1134	Asphalt Content By Incineration	test	61.95
1135	Centrifuge Bituminous Extraction	test	117.19
1136	Traffic Tape / R.S.	test	51.91
1140	Paint	test	35.91
1142	Rock Salt	test	200.33
1143	Rubber Asphalt	test	106.37
1144	Silicone Joint Sealer	test	95.96
1145	Rock Salt Moisture	test	6.35
1146	Rock Salt Gradation	test	53.35
1150	Soil - Organic Matter	test	49.16
1151	Spelter	test	26.40
1160	Water for Concrete - Chemical Tests	test	0.00
1170	Thermometer Calibration	test	14.97
1180	Bulk Specific Gravity	test	55.99
1181	Max Specific Gravity	test	54.43
1208	Precast Box Culvert	piece	82.25
1209	Sectional Concrete Culvert Pipe	ton	
1225	Epoxy Reinforcing Steel - Sampling, Testing and Inspection	ton	9.67
1246	Electrical Inspection	C.L.F.	5.78
1283/1284	Skid Resistance Survey/Skid Resistance Maintenance	test	84.77
1285/1286	Falling Weight Deflectometer/FWD Maintenance	test	17.62
0516	Rapid Motar Bar ASR	test	171.89
			12,648.24

\* Inspections charges may vary from the established rate. Inspections 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.

[www.dot.state.mn.us/stateaid/dsae.html](http://www.dot.state.mn.us/stateaid/dsae.html)

\*\* Tests 1028, 1032, 1075, 1090, 1091, 1160 & 1209 No published rate needed per Ron Mulvaney