

Charge Out Number(s)	Descriptions		Effective May 1, 2023 Rates
1011	Aggregate - Extracted Gradation	test	48.41
1012	Aggregate - Coarse Gradation	test	43.23
1013	Aggregate - Fine Gradation	test	50.26
1014	Aggregate - Lithological Exam	test	44.51
1015	Aggregate - Percent Crushing	test	12.97
1016	Coarse Aggregate - Sp. Gr. And Abs.	test	74.13
1017	Fine Aggregate - Sp. Gr. And Abs.	test	125.54
1018	Aggregate - Abrasion Resistance (L.A.R.)	test	38.97
1019	Aggregate - Flat & Elongated	test	109.72
1020	Aggregate - Sand Equivalency	test	133.34
1021	Aggregate - Fine Angularity	test	13.06
1022	Color Plate	test	40.51
1024	Flexural Strength of Concrete	test	35.93
1026	AGG Quality - Magnesium Sulfate	test	114.41
1027	Coarse Aggregate 200 Wash	test	26.59
1028	Sieve and Scale Testing & Calibration	test	0.00
1029	AGG Qual ( Sand-Shale Col PL)	test	18.20
1032	RAP Chloride Permeability Concrete	test	0.00
1034	Flakiness Index	test	50.60
1035	Loose Unit Weight (ASTM C29)	test	46.83
1037	Soil-Prep. And Coarse Gradation	test	44.67
1038	Soil-Hydrometer (Fine Gradation)	test	151.81
1039	Rock - Unconfined	test	126.81
1040	Rock - Split Tensile	test	83.95
1041	Soil - Plasticity Index	test	72.27
1042	Aggregate & Soil - Moisture Density Rel.	test	208.78
1043	Soil - Compost	test	140.36
1045	Aggregate & Soil - Field Moisture Deter.	test	7.02
1046	Soils - Specific Gravity	test	26.47
1047	Soils - Misc. Chemical Analysis	test	46.69
1048	Soil - Fertility - Mn/DOT	test	148.81
1049	Soil - Triaxial	test	39.85
1050	Soil Classification Moisture Content	test	14.35
1052	Soil - Unconfined Compression & Moisture	test	28.69
1053	Soil - Direct Shear	test	68.92
1054	Soil Consolidation	test	88.76
1056	Soil Stabilometer Tests	test	412.24
1057	Soil - Permeability	test	293.64
1058	Resilient Modulus	test	200.15
1062	Sewer Brick & Block	test	306.91
1063	Grey Iron Casting	test	68.61

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1064	Cement	test	166.49
1065	Prestressing Tendons	test	171.85
1066	Bolts, Nuts & Washers	test	43.94
1067	Fly Ash Testsing	test	107.54
1068	Electrical Materials	test	197.48
1070	Concrete Curing Material	test	225.27
1071	Concrete Masonry Unit	test	1,183.02
1072	Concrete Cylinder	test	13.32
1075	Drain Tile - P.E.	test	0.00
1076	Premolded Expansion Joint	test	58.66
1077	Premolded Neoprene	test	73.66
1078	Reinforce steel Tests tensile	test	38.42
1079	Culverts & Miscellaneous Cores	test	97.03
1081	Steel Posts	test	82.43
1082	Wire Mesh	test	38.29
1083	Steel Cable and Fittings	test	26.47
1084	Epoxy Reinforcing Steel	test	22.74
1086	Fencing	test	48.76
1088	Cores Drilled from Pavement	sample	48.86
1090	Bearing Pad Tensile	test	0.00
1091	Bearing Pads Compression Testss	test	0.00
1093	Concrete Curing Compound - Chemical Tests	test	47.03
1095	Plate Beam Guard Rail	test	105.33
1097	Geo Textile Testsing	test	169.93
1101	RAP Max. Sp. Gr. (Recycled Asphalt Pavement)	test	135.69
1102	Option 2, Trial Mix Review	test	56.70
1103	Additives for Cement	test	11.58
1104	Insoluble Residue	test	99.59
1107	Modified Lottman Tests	test	270.73
1109	Option 1 - Trial Mix Verification	test	375.27
1110	Bituminous Material	test	156.03
1111	Bit Mix-Extract and Abson Rec	test	236.19
1112	Bituminous Trial Mix	test	794.07
1113	Density Cores	test	14.50
1114	RAP Prep	test	143.55
1115	Calcium Chloride	test	67.35
1116	Cement - Chemical Testss	test	176.45
1117	Drill Dust Tests	test	32.59
1118	Fly Ash - Chemical Testss	test	58.45
1119	Flash Point	test	26.27

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1121	Fuels: Gasoline, Diesel & Furnace	test	146.69
1122	Glass Beads	test	28.02
1126	Chemical Analysis - Epoxy Resins	test	28.04
1129	PG Asphalt Binder	test	317.72
1132	Metal Analysis	test	545.64
1133	Sign sheeting	test	68.85
1134	Asphalt Content By Incineration	test	56.65
1135	Centrifuge Bituminous Extraction	test	109.29
1136	Traffic Tape / R.S.	test	29.93
1140	Paint	test	27.00
1142	Rock Salt	test	189.89
1143	Rubber Asphalt	test	118.00
1144	Silicone Joint Sealer	test	90.96
1145	Rock Salt Moisture	test	5.73
1146	Rock Salt Gradation	test	50.57
1150	Soil - Organic Matter	test	46.59
1151	Spelter	test	25.02
1160	Water for Concrete - Chemical Tests	test	0.00
1170	Thermometer Calibration	test	14.19
1180	Bulk Specific Gravity	test	59.09
1181	Max Specific Gravity	test	45.63
1208	Precast Box Culvert	piece	64.40
1209	Sectional Concrete Culvert Pipe	ton	
1225	Epoxy Reinforcing Steel - Sampling, Testing and Inspection	ton	8.39
1246	Electrical Inspection	C.L.F.	5.48
1283/1284	Skid Resistance Survey/Skid Resistance Maintenance	test	60.36
1285/1286	Falling Weight Deflectometer/FWD Maintenance	test	16.70
0516	Rapid Motar Bar ASR	test	187.38

11,574.71

\* 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