

**JAN. 2003 UNIT PRICES
BY SECTION**

TEST CODE	DESCRIPTION	NEW UNIT COST	2001 UNIT COST
011	Bit. Samples	\$169.90	\$119.35
012	Asphalt Binder	\$218.10	\$153.20
013	Cert. Bitum. Materials	\$7.48	\$6.58
513	Cert. Bitum. Materials	\$1.98	\$1.74
014	Pretested Bit. Materials	\$7.48	\$6.58
514	Pretested Bit. Materials	\$1.98	\$1.74
015	Liquefier	\$61.55	\$43.25
016	Waterproofing Material	\$96.70	\$67.95
017	Joint Filler	\$96.70	\$67.95
018	Bit. Metal Pipe Coat	\$18.40	\$12.90
019	Rec. of Asphalt (Abson)	\$723.35	\$261.50
021	Bitum. Mix Design	\$3,031.80	\$2,208.60
022	Field Lab Specimen	\$81.95	\$59.70
023	Roadway Samples	\$70.25	\$51.15
024	Bitum. Mix	\$760.90	\$554.30
025	Cold Mix	\$78.45	\$68.95
026	Mix Design Transfer	\$46.80	\$34.10
027	Bit. Mix, Stripping	\$81.95	\$59.70
028	Mix Design Verification	\$1,229.10	\$895.40
029	Stability Ring	\$58.55	\$42.65
031	Portland Cement	\$439.55	\$376.90
032	Water	\$48.15	\$33.80
033	Admixtures	\$615.85	\$432.60
034	Cement in Concrete	\$271.90	\$191.00
035	Water (Cube Strength)	\$407.35	\$361.10
036	Fly Ash	\$435.45	\$371.55
037	GGBFS	\$596.90	\$543.20
041	Concr. Mix Design	\$241.45	\$122.45
042	Cylinders	\$37.50	\$36.45
043	Mix Design, Contractor	\$241.45	\$100.35
044	Cores, Measuring	\$66.15	\$65.70
045	Cores, Meas., Strength	\$85.00	\$84.00
046	Trial Batch	\$2,069.55	\$1,270.35
047	Concrete Cores	\$50.00	\$50.00
048	QC Plan Review	\$820.90	\$120.40
049	NRMCA Check List	\$57.50	\$10.00
051	Concrete Posts	\$1.10	\$0.95
052	ROW Markers	\$1.10	\$0.95
053	Precast Slabs	\$174.45	\$198.10
054	Prestressed Piling	\$0.89	\$1.18
554	Prestressed Piling	\$2.92	\$3.87
055	Prestressed Beams	\$0.89	\$1.18
555	Prestressed Beams	\$2.92	\$3.87
056	Median Barriers	\$16.55	\$55.40
061	Liquid Membrane	\$15.65	\$13.75
062	Curing Materials	\$193.80	\$165.85
071	Bit. Plastic Cement (insp.)	\$11.20	\$9.85
072	Bit. Plastic Cement	\$65.70	\$46.15
073	Wooden Joint Materials	\$59.50	\$57.85
074	Other Joint Materials	\$0.22	\$0.19
574	Other Joint Materials	\$2.37	\$2.05
075	AC-13 (Insp.)	\$2.40	\$2.10
076	Flexible Gasket	\$108.25	\$76.05

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077	Flexcell	\$292.45	\$247.25
081	Reinf Steel (insp.)	\$4.95	\$4.35
581	Reinf Steel (insp.)	\$5.46	\$4.80
082	Reinf Steel (test)	\$64.65	\$62.85
083	Wire Mesh (insp.)	\$4.95	\$4.35
084	Wire Mesh (test)	\$48.45	\$47.15
085	Dowels	\$22.15	\$21.55
086	Dowel Assemblies	\$24.60	\$23.95
087	Castings, Gratings	\$99.70	\$76.60
088	Alum. Materials	\$72.30	\$50.80
089	Galv. Corr. Metal	\$60.50	\$42.50
091	Electr. Conduit	\$61.75	\$43.40
092	Galv. Water Pipe	\$76.90	\$54.05
093	Prestressed Wire Strand	\$53.65	\$52.20
094	Phosphorus Deter.	\$67.00	\$47.05
096	Struct. Bolts	\$110.60	\$105.30
097	Struct. Nuts	\$102.20	\$97.10
098	Struct. Washers	\$56.95	\$53.10
099	DTI's	\$60.10	\$53.90
101	Soil-Cement Design	\$656.40	\$882.55
102	Soil-Lime Design	\$677.55	\$910.95
103	Soil-Cement Cores	\$61.80	\$60.10
104	Soil-Cement Cylinders	\$37.50	\$36.45
105	Hydrated Lime	\$109.50	\$76.90
106	Cement Content in S.C.	\$197.15	\$138.50
107	LFA Design	\$719.25	\$967.05
111	Concrete Pipe	\$0.55	\$0.50
611	Concrete Pipe	\$1.80	\$1.64
112	Metal Pipe	\$2.97	\$2.61
612	Metal Pipe	\$9.74	\$8.56
115	Concrete Cattlepasses	\$0.72	\$0.63
615	Concrete Cattlepasses	\$2.36	\$2.07
116	Concrete Box Culvert	\$0.72	\$0.63
616	Concrete Box Culvert	\$2.36	\$2.07
121	Grad., Limits	\$250.20	\$336.40
122	Gradation Only	\$65.00	\$87.40
123	Limits Only	\$196.05	\$263.60
124	S. G. Determination	\$27.60	\$37.15
125	Sulfate Determination	\$74.85	\$75.85
126	Sulfate and pH	\$197.25	\$164.65
127	Moisture	\$36.30	\$10.95
128	Silica	\$290.05	\$203.75
131	pH	\$28.70	\$38.60
132	Gradation	\$114.80	\$154.40
133	Loss by Ignition	\$54.15	\$72.80
134	pH and Gradation	\$81.25	\$109.25
135	pH and Loss by Ignition	\$119.15	\$160.20
136	Gradation, Loss by Ign.	\$119.15	\$160.20
137	Gradation, Fertility	\$119.15	\$160.20
138	pH, Grad., Loss by Ign.	\$135.40	\$182.05
139	pH, Grad., Loss by Ign., and Fertility	\$189.55	\$254.85
140	Proctor Density	\$304.35	\$409.25

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TEST CODE	DESCRIPTION	NEW UNIT COST	2001 UNIT COST
141	Proctor, Grad., Limits	\$500.45	\$672.85
142	CBR	\$270.80	\$364.10
143	Fertility	\$54.15	\$72.80
144	Field Density	\$81.25	\$50.00
145	pH and Fertility	\$81.25	\$109.25
146	pH, Grad., Limits (District)	\$278.90	\$166.25
151	Consolidation	\$623.90	\$838.85
152	Density, undisturbed	\$9.20	\$12.40
153	Lab Vane Shear	\$8.65	\$11.65
154	Max & Min Density	\$35.95	\$48.35
155	Permeability	\$81.25	\$109.25
156	Sand Triaxial	\$23.30	\$31.30
157	Triaxial (CU Test)	\$521.00	\$700.50
158	Triaxial (UU Test)	\$40.60	\$54.60
159	Unconfined Compression	\$30.85	\$41.50
160	Direct Shear	\$50.90	\$68.45
161	Triaxial (CD Test)	\$649.90	\$1,165.10
162	Resistivity	\$67.70	\$91.00
171	Grad., Limits	\$250.20	\$336.40
172	Gradation	\$54.15	\$72.80
173	At. Limits	\$196.05	\$263.60
174	Proctor Density	\$108.30	\$145.65
175	Proctor, Grad., Limits	\$304.35	\$409.25
176	Field Density	\$81.25	\$50.00
177	Grad., Limits	\$250.20	\$336.40
178	Gradation, Hydrometer	\$189.55	\$254.85
179	At. Limits	\$196.05	\$263.60
180	Proctor Density	\$108.30	\$145.65
181	Proctor, Grad., Limits	\$304.35	\$409.25
182	Field Density	\$81.25	\$50.00
183	Stabilizer Aggregate	\$80.80	\$78.60
184	Cover Seal Aggregate	\$314.90	\$249.15
186	Mineral Filler	\$58.55	\$42.65
187	Coarse Aggr., Concrete	\$80.80	\$78.60
188	Fine Aggregate	\$96.95	\$94.30
189	Filter Material	\$96.95	\$94.30
190	Mortar Sand	\$26.35	\$25.65
191	Aggregates (District)	\$20.00	\$13.60
192	Aggr. (Truck Shipped)	\$0.50	\$0.44
692	Aggr. (Truck Shipped)	\$0.65	\$0.58
193	Aggr. (RR car)	\$27.60	\$24.25
194	Chem. Anal., Slag	\$1,805.90	\$1,268.65
196	Soundness, Abrasion	\$193.90	\$141.45
197	Insoluble matter, Limestone	\$189.55	\$133.15
198	Alkali Reactivity	\$937.15	\$852.80
199	Sulfate Resistance	\$1,995.15	\$1,734.80
211	Galvanized Members	\$33.30	\$23.40
212	Aluminum Members	\$52.95	\$37.20
213	Wire or Wire Fabric	\$109.85	\$90.30
214	Chain Link Fence	\$50.15	\$39.80
215	Screening Slats	\$30.30	\$29.45
216	Slatted Metal Gates	\$70.85	\$61.75
217	Barbed Wire	\$131.55	\$111.30

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TEST CODE	DESCRIPTION	NEW UNIT COST	2001 UNIT COST
221	Preservative Material	\$152.85	\$107.35
222	Treated Lumber	\$55.15	\$48.50
722	Treated Lumber	\$23.35	\$20.55
223	Treated Piling and Poles	\$9.45	\$8.30
224	Treated Posts	\$1.07	\$0.94
225	Assay	\$109.50	\$76.90
230	Special Tests	\$1.00	\$0.00
231	Agr. Limestone	\$205.80	\$144.60
232	Calcium Chloride	\$164.75	\$115.75
233	Brick	\$69.80	\$67.90
234	Paint, Field Samples	\$153.25	\$107.65
235	Paint, Plant Inspection	\$0.09	\$0.08
735	Paint, Plant Inspection	\$0.02	\$0.021
236	Glass Beads, Samples	\$108.15	\$76.00
237	Glass Beads, Inspection	\$57.00	\$50.10
737	Glass Beads, Inspection	\$62.85	\$55.25
238	Indep. Assur. Samples	\$123.50	\$0.00
239	Antifreeze	\$544.20	\$382.30
241	Seed	\$1.00	\$0.00
242	Reflective Markers	\$44.75	\$70.75
243	Non-Refl. Markers	\$153.75	\$108.00
244	Epoxy Adhesives	\$89.10	\$62.60
245	Jute Mesh	\$38.25	\$37.20
246	Brick (Insp.)	\$31.35	\$31.35
247	Nuke Gauge Calibr. Chk.	\$216.65	\$291.25
248	Nuke Gauge Calibration	\$433.25	\$582.55
249	X-Ray Diffr. Analysis	\$138.05	\$97.00
251	Wash Boring Equipment	\$2,700.00	\$2,200.00

Insp. Trips, Districts

252	Salary	\$171.00	\$157.00
253	Meals, Lodging	\$100.00	\$70.00
254	Mileage	\$1.00	\$1.00
255	Equipment Use	\$1.00	\$1.00
256	Office Work	\$134.00	\$123.00

Field Trips, Central Laboratory

257	Salary	\$264.00	\$242.00
258	Meals, Lodging	\$100.00	\$100.00
259	Mileage	\$1.00	\$1.00
260	Engr. Work, Geotechnical	\$750.00	\$550.00
270	Charges, District	\$1.00	\$1.00
280	Charges, Central Lab	\$1.00	\$1.00
331	Neoprene Bearing Pads	\$1.00	\$1.00
332	Raised Pavement Markers, Insp.	\$0.09	\$0.08
333	Epoxy Adhesives, Insp.	\$5.50	\$5.50
833	Epoxy Adhesives, Insp.	\$1.45	\$1.45
334	Film Badge	\$1.00	\$1.00
335	Thermoplastic Materials	\$96.45	\$67.75
336	Gran. Mat'l., Gradation	\$97.50	\$97.50
337	Luminaires	\$1.00	\$1.00
338	Sample Containers	\$1.00	\$1.00
339	Asphalt Cores (4")	\$50.00	\$50.00

**JAN. 2003 UNIT PRICES
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TEST CODE	DESCRIPTION	NEW UNIT COST	2001 UNIT COST
839	Asphalt Cores (100 mm)	\$50.00	\$50.00
340	Tensile Strength Ratio	\$531.45	\$387.15
341	Filter Cloth (w/ permittivity)	\$366.70	\$334.20
342	Filter Cloth	\$200.25	\$224.95
343	Moisture Barrier	\$231.40	\$194.75
344	Specific Grav., HMA	\$128.75	\$93.80
345	Water Content, HMA	\$199.00	\$144.95
347	Mix Design, Recycle HMA	\$4,623.80	\$3,368.35
348	Ash Content, Centrifuge	\$175.60	\$127.90
349	A.C. Gauge Calibration	\$948.15	\$690.70
350	A.C. Gauge, Districts	\$35.00	\$30.80
351	Bituminous Adhesive	\$197.05	\$138.45
352	Bit. Adh., Inspection	\$0.57	\$0.50
852	Bit. Adh., Inspection	\$1.26	\$1.10
353	RS Grout or Patch Comp.	\$596.90	\$443.25
354	Maint. Nuke Gauges	\$1.00	\$1.00
355	AC Gauge Cross-Calibr.	\$58.55	\$42.65
356	AC Gauge, Central Lab	\$78.45	\$57.15
357	AC Gauge, Extraction	\$842.80	\$614.00
358	JMF Verification (w/ RAP)	\$2,224.10	\$1,620.20
359	S.G., Absorption (RAP)	\$702.35	\$511.65
360	S.G., Gas Comp. Pycn.	\$25.40	\$17.85
361	Sand Equiv. Test	\$28.15	\$37.85
362	Fine Aggr. Angularity	\$210.70	\$153.50
363	PGAB (MP1 Tests)	\$577.60	\$405.75
364	Gyratory Comp. Sample	\$234.10	\$170.55
365	Review, Contr. Mix Design	\$175.60	\$127.90
366	Flat & Elongated Aggr.	\$117.05	\$85.25
367	Asphalt Pavement Anal.	\$117.05	\$85.25
368	IAS Samples, HMA	\$948.15	\$690.70
369*	Review Concrete QC Plan, Revision	\$393.20	
370*	Field Verification, Concrete Mix Design	\$293.20	
371*	Drilled Shaft Field Verification	\$350.00	
372*	Concrete QC Lab Inspection	\$389.35	

* New Test Codes