[DPWH DEPARTMENT ORDER NO. 125, August 21, 1992]

REVISED SCHEDULE OF FEES AND CHARGES FOR LABORATORY TESTING OF CONSTRUCTION MATERIALS

By virtue of Memorandum Circular No. 121 dated 2 November 1990, Directing all Departments, Bureaus, Commissions, Agencies, Offices and Instrumentalities of the National Government including Government Owned or Controlled Corporations, to revise their Fees and Charges at Just and Reasonable Rates, sufficient to cover Administrative Costs, it is hereby directed that the attached Revised Schedule of Fees and Charges (see below) for Testing of Construction Materials and Other Services be effected immediately.

Adopted: 21 Aug. 1992

(SGD.) JOSE P. DE JESUS
Secretary

DPWH RATES OF FEES AND CHARGES

KIND OF PROPOSED TEST/SERVICE	EXISTING RATES OF DPWH	NEW DPWH RATE (10% increased)
I. SOIL		
1. Grading	45.00	49.50
2. Liquid Limit	45.00	49.50
3. Plastic Limit	45.00	49.50
4. Shrinkage Limit	60.00	66.00
5. Moisture content	20.00	22.00
6. Compaction (Proctor)	220.00	242.00
7. Compaction (Modified)	250.00	275.00
8. Field Density	150.00	165.00
9. California Bearing Ratio (CBR)	550.00	605.00
10. Penetration (CBR), per molded specimen	33.00	36.30
11. Swell (CBR), per molded specimen	33.00	36.30
12. Specific Gravity	50.00	55.00
13. Unit Weight Disturbed	30.00	30.00

	Samples		
	Undisturbed Samples	33.00	33.00
14.	Combined Sieve and Hydrometer	240.00	264.00
15.	Consolidation	525.00	577.50
16.	Consolidation of wet and dry specimen under a 10 psi unit load (correction factor for "K" value)	610.00	671.00
17	Direct Shear	985.00	1083.50
18.	Direct Shear one Loading	500.00	550.00
19.	Triaxial Compression	1478.00	1625.00
20.	Triaxial Compression one loading	985.00	1083.50
21.	Unconfined Compression per Test	170.00	187.00
22.	Compression including molding (Soil-Stabilization) per molded specimen	77.00	84.70
23.	Absorption (Soil-Stabilization) per molded specimen	77.00	84.70
24.	Wash Loss	44.00	48.40
II.	AGGREGATES AND SOIL-AGGREGATES (For sub-base, base and surface course)		
1.	Grading	45.00	49.50
2.	Material Finer than 200 Sieve	40.00	44.00
3.	Combined Sieve and Hydrometer	240.00	264.00
4.	Crushing	77.00	84.70
5.	Unit Weight, Loose and Rodded	44.00	48.40
6.	Liquid Limit	45.00	49.50
7.	Plastic Limit	44.00	48.40
8.	Specific Gravity and Absorption	75.00	82.50
9.	Absorption	44.00	48.40
10.	Specific Gravity	50.00	55.00
11.	Moisture Content	20.00	22.00
12.	Abrasion	150.00	165.00
13.	California Bearing Ratio	550.00	605.00

	(Complete)		
14.	Stripping	132.00	145.20
15.	Trial Mix with asphalt complete with Laboratory Compacted Density, Absorption, Swell and Stability characteristics:		
	a) First Trial	616.00	677.60
	b) Each extra trial	385.00	423.50
16.	Swell characteristics with bituminous materials	132.00	145.20
17.	% Fractured Face	44.00	48.40
18.	Soundness	187.00	205.70
19.	Organic Impurities	75.00	82.50
20.	Trial Mix (Concrete Design) given cement factor	440.00	484.00
21.	Trial Mix (Concrete Design) given strength:		
	a) First Trial	500.00	550.00
	b) Each extra trial	385.00	423.50
22.	Air Content of Fresh Mixed Concrete	66.00	72.60
23.	Mortar Strength, 7 days	75.00	82.50
24.	Trial Mix with asphalt for Marshall Stability per asphalt content	220.00	242.00
25.	Particles with specific gravity less than	2.00	66.00
		72.60	
26.	Clay Lumps in Aggregates	40.00	44.00
III.	HYDRAULIC CEMENT		
1.	Fineness by #200 Sieve	37.40	41.14
2.	Specific Gravity	50.00	55.00
3.	Normal Consistency	35.00	38.50
4.	Time of Setting by Gilmore Needles	27.50	30.25
5.	Soundness by Pat Test	30.00	33.00
6.	Soundness by Autoclave Expansion	110.00	121.00
7.	Compressive Strength: 1 day	50.00	55.00
	Compressive strength: 3 days	50.00	55.00

	Compressive Strength: 28 days	50.00	55.00
8.	Air Content	50.00	55.00
9.	Loss on Ignition	55.00	60.50
10.	Insoluble Residue	75.00	82.50
11.	Sulfur Trioxide (Cement)	75.00	82.50
12.	Magnesium Oxide	75.00	82.50
13.	Silicon Dioxide	75.00	82.50
14.	Aluminum Oxide	75.00	82.50
15.	Ferric Oxide	75.00	82.50
16.	Calcium Oxide	75.00	82.50
IV.	BITUMINOUS MATERIALS		
1.	Penetration	50.00	55.00
2.	Ductility	110.00	121.00
3.	Softening Point	77.00	84.70
4.	Float Test	77.00	84.70
5.	Viscosity	77.00	84.70
6.	Distillation:		
	a) Emulsified Asphalt	154.00	169.40
	b) Cut-back, tar and petroleum products	180.00	198.00
7.	Specific Gravity	33.00	36.30
8.	Loss on Heating	55.00	60.50
9.	% Bitumen:		
	a) Solubility in Carbon Disulfied	77.00	84.70
	b) Solubility in Carbon Tetrachloride	77.00	84.70
10.	Spot Test	80.00	88.00
11.	Flash and Fire Point	55.00	60.50
12.	Cement Mixing	55.00	60.50
13.	Sieve Test	44.00	48.40
14.	Modified Miscibility	110.00	121.00
V.	BITUMINOUS MIXTURES (Including Rock Asphalt)		
1.	Extraction	100.00	110.00
2.	Swell and Stability Characteristic with Laboratory Compacted Density and Absorption	374.00	411.40
3.	Density of % Voids of Compacted Mixtures	50.00	55.00
4.	Marshall Stability	100.00	110.00
5.	Field Density	100.00	110.00

VI.	MISCELLANEOUS MATERIALS (CHEMICAL)		
1.	Lime, Limestone, Clay, Shakes, and Slags		
	a) Chemical Analysis, per constituent	75.00	82.50
	b) Loss on Ignition	66.00	72.60
	c) Moisture Content	55.00	60.50
	d) Residue	33.00	36.30
2.	Premolded Expansion Joint Filler		
	a) Absorption	55.00	60.50
	b) Compression and Recovery	110.00	121.00
3.	Paint and Paint Materials		
	a) Paint composition of ready mixed paint	374.00	411.40
	b) Pigment composition each constituent	110.00	121.00
	c) Analysis of varnish	550.00	605.00
	d) Analysis of aluminum Pigment	374.00	411.40
	e) Analysis of Linseed Oil	583.00	641.30
	f) Analysis of Reflectorized (Beaded) Traffic Paints Type I		
	(White)	1,100.0	1,210.00
	(Yellow)	1,210.00	1,331.00
4.	Water		
	a) Suitability for Concreting	550.00	605.00
	b) Special Determination per constituent	110.00	121.00
5.	Galvanized Iron and Steel Sheets		
	a) Zinc Coating:		
	1. For the first sample	77.00	84.70
	2. For each additional sample	44.00	48.40
	b) Gauge Determination	33.00	36.30
	c) Bend and Flaking Test	33.00	36.30