

Attachment 1B - 321
Materials Testing Schedule

Test Method	Type of Test	hours	Rates	Labor	0.5	Rate	to next \$
201.1	Sample Processing (Special)	1.50	\$63.32	94.98	47.49	\$142.47	\$143.00
201.2	Sample Processing (Routine)	0.70	\$63.32	44.32	22.16	\$66.49	\$67.00
202.1	Sieve Analysis (coarse/seal coat)	0.80	\$63.32	50.66	25.33	\$75.98	\$76.00
202.2	Sieve Analysis (fine)	1.00	\$63.32	63.32	31.66	\$94.98	\$95.00
205	% Crushed Particles	1.70	\$63.32	107.64	53.82	\$161.47	\$162.00
206	Sp. Gravity & Absorption (coarse)	0.65	\$63.32	41.16	20.58	\$61.74	\$62.00
211	LA Rattler Test	1.40	\$63.32	88.65	44.32	\$132.97	\$133.00
212	Unit Weight of Aggregate	1.30	\$63.32	82.32	41.16	\$123.47	\$124.00
216.2	Max. Density (moisture/density curve)	2.50	\$63.32	158.30	79.15	\$237.45	\$238.00
216.3	Maximum Density (1st core)	0.40	\$63.32	25.33	12.66	\$37.99	\$38.00
217	Sand Equivalent	1.00	\$63.32	63.32	31.66	\$94.98	\$95.00
226	Moisture % Soils (oven dry)	0.20	\$63.32	12.66	6.33	\$19.00	\$19.00
227	Cleanness Value	1.25	\$63.32	79.15	39.58	\$118.73	\$119.00
229.1	Durability Index (fine aggregate)	1.00	\$63.32	63.32	31.66	\$94.98	\$95.00
229.2	Durability Index (coarse aggregate)	1.25	\$63.32	79.15	39.58	\$118.73	\$119.00
231	Nuclear Density (per hole)	0.30	\$63.32	19.00	9.50	\$28.49	\$29.00
304	Preparation of HMA for Test Specimens	4.00	\$63.32	253.28	-	\$253.28	\$254.00
T275	Paraffin-Coated Specimens for Bulk Sp. Gravity	0.50	\$63.32	31.66	15.83	\$47.49	\$48.00
T166	Saturated Surface Dry for Bulk Sp. Gravity	0.20	\$63.32	12.66	6.33	\$19.00	\$19.00
T209	Theoretical Max Sp. Gravity HMA	1.25	\$63.32	79.15	39.58	\$118.73	\$119.00
T312	Prep and Determining Density of AC by Superpave Gyrotory Compactor	2.00	\$63.32	126.64	63.32	\$189.96	\$190.00
370	HMA Moisture Content	0.75	\$63.32	47.49	23.75	\$71.24	\$72.00
T308	Control Burns for Binder Content by Ignition Oven	3.75	\$63.32	237.45	118.73	\$356.18	\$357.00
T308	HMA Binder Content by Ignition Method	1.75	\$63.32	110.81	55.41	\$166.22	\$167.00
504	Air Content Fresh Concrete (pressure)	0.20	\$63.32	12.66	6.33	\$19.00	\$19.00
518	Unit Weight of Concrete	0.20	\$63.32	12.66	6.33	\$19.00	\$19.00
521	Comp. Strength Molded Concrete	0.75	\$63.32	47.49	23.75	\$71.24	\$72.00
539	Sampling Fresh Concrete	0.20	\$63.32	12.66	6.33	\$19.00	\$19.00
540	Making and Handling Concrete Specimens	0.45	\$63.32	28.49	14.25	\$42.74	\$43.00
556	Slump Cone Test for Concrete	0.20	\$63.32	12.66	6.33	\$19.00	\$19.00
557	Temperature of Fresh Concrete	0.20	\$63.32	12.66	6.33	\$19.00	\$19.00
HUM CO DR- 2	Concrete and AC Diamond Bit Coring	0.53	\$63.32	33.56	16.78	\$50.34	\$51.00
REMOVE- Reclassified, see highlighted above							
308	Method A for Bulk Sp. Gravity	0.50	\$63.32	31.66	15.83	\$47.49	\$48.00
308	Method C for Bulk Sp. Gravity	0.20	\$63.32	12.66	6.33	\$19.00	\$19.00
309	Theoretical Max Sp. Gravity HMA	1.25	\$63.32	79.15	39.58	\$118.73	\$119.00
382	HMA Binder Content by Ignition Method	1.75	\$63.32	110.81	55.41	\$166.22	\$167.00
384	HMA with RAP Gradation by Ignition Method	1.75	\$63.32	110.81	55.41	\$166.22	\$167.00
REMOVE- Services no longer offered by Material Testing Lab							
203	Mechanical Analysis	1.75	\$63.32	110.81	55.41	\$166.22	\$167.00
204	Plasticity Index	3.00	\$63.32	189.96	94.98	\$284.94	\$285.00
207	Bulk Sp. Gravity (fine aggregate)	1.00	\$63.32	63.32	31.66	\$94.98	\$95.00
208	Apparent Sp. Gravity (fine agg.)	0.70	\$63.32	44.32	22.16	\$66.49	\$67.00
213	Org. Impurities (concrete sand)	0.35	\$63.32	22.16	11.08	\$33.24	\$34.00
214	Sodium Sulfate/Soundness Test	4.75	\$63.32	300.77	150.39	\$451.16	\$452.00
301	Resistance (R) Value	3.75	\$63.32	237.45	118.73	\$356.18	\$357.00
366.1	Stabilometer Value (control)	1.50	\$63.32	94.98	47.49	\$142.47	\$143.00
366.2	Stabilometer Value (design)	6.25	\$63.32	395.75	197.88	\$593.63	\$594.00
367	Optimum Bitumen Content	0.75	\$63.32	47.49	23.75	\$71.24	\$72.00
375	Asphalt Compaction per site	0.50	\$63.32	31.66	15.83	\$47.49	\$48.00
533	Kelly Ball Penetration	0.25	\$63.32	15.83	7.92	\$23.75	\$24.00