

EXHIBIT B



2016 FEE SCHEDULE

Personnel	Hourly Rate
Project Assistant .....	\$78
AutoCAD Operator .....	\$98
Technical Editor .....	\$78
Assistant Engineer/Geologist .....	\$115
Staff Scientist .....	\$130
Staff Engineer/Geologist .....	\$130
Project Engineer/Geologist .....	\$147
Senior Engineer/Geologist .....	\$157
Associate Engineer/Geologist .....	\$167
Principal .....	\$230
Expert Testimony and Deposition (four-hour minimum).....	\$315
Engineering Technician I.....	\$85
Engineering Technician II.....	\$90
Engineering Technician III.....	\$95
Certified Welding Inspector (CWI/AWS) .....	\$106
Non-Destructive Testing (NDT) Technician .....	\$106
ASNT Level III .....	\$156
Supervisory Technician .....	\$114
Construction Services Manager I .....	\$140
Construction Services Manager II .....	\$156

Prevailing Wage Services	Hourly Rate
Field Soils and Materials Tester, Soils/Asphalt .....	\$109
ACI Concrete Tester .....	\$109
ICC Fireproofing .....	\$107
Proofload/Torque Testing.....	\$107
AWS/CWI Certified Welding Inspector.....	\$114
ASNT Level II Non-Destructive Testing (NDT) Technician .....	\$120
ICC Certified Structural Inspector .....	\$112
DSA Masonry/Shotcrete and Lead Inspector.....	\$120
Travel Time – Tester/Inspector .....	\$85

Field Equipment	Unit Rate
All-Terrain Vehicle .....	\$42/Day
Cone Penetrometer.....	\$156/Day
Core Drill Machine.....	\$156 Half Day/\$208 Full Day
DAQ III/Seismic Refraction Survey .....	\$350/Day
Excavator with Operator.....	\$125/Hour
Pachometer.....	\$42/Day
pH/Conductivity Meter .....	\$52/Day
Photoionization Detector (PID).....	\$104/Day
Tension Ram.....	\$32/Day
Turbidity Meter .....	\$52/Day
Water Quality Meter (pH, conductivity, temperature, DO).....	\$104/Day
1.5-Inch Pump and Controllers .....	\$133/Day
4-Inch Pump with Trailer .....	\$159/Day

**Notes**

- Mileage and hourly rates will be charged portal to portal. Mileage will be billed at the current federally approved rate.
- Outside services will be billed at our cost plus 20 percent.
- Overtime rates for Saturday, Sunday, holiday or over 8 hours/day: hourly rate plus \$31/Hour.
- Prevailing wage overtime rates for Saturday or over 8 hours/day: hourly rate plus \$31/Hour.
- Prevailing wage double time rates for Sunday, holiday or over 12 hours/day: hourly rate plus \$62/Hour.
- Second shift rates: hourly rate plus \$15/Hour.
- A minimum 2 hour fee will be charged for scheduled site visits not cancelled in advance of arrival.
- Per Diem will be billed at cost plus 20 percent unless other arrangements are made.

EXHIBIT B



2016 LABORATORY TESTING SERVICES

Soil  
Aggregate  
Concrete  
Asphalt

ASTM Test Methods		Unit Cost
■	ASTM A615, Reinforcing Steel Tensile Test to #8	\$85
■	ASTM A615, Reinforcing Steel Bend Test to #8	\$27
■	ASTM C39, Concrete Compressive Strength, 4x8	\$32
■	ASTM C39, Concrete Compressive Strength, 6x12	\$40
■	ASTM C78, Flexural Strength of Concrete	\$101
■	ASTM C140, CMU Strength, Unit Weight, Absorption	\$191
■	ASTM C780, Compressive Strength Mortar	\$31
■	ASTM C1019, Compressive Strength Grout	\$31
■	ASTM C1314, Compressive Strength Masonry Prisms	\$109
■ ■ ■	ASTM C136, D422A Full Sieve Particle Size Analysis	\$130
■ ■ ■	ASTM D422B, Long Hydrometer Particle Size Analysis (specific gravity not included)	\$130
■ ■ ■	ASTM D422C, Full Sieve w/ Long Hydrometer Particle Size Analysis (spec. gravity not incl.)	\$172
■ ■ ■	ASTM D698, D1557, Compaction Curves (4-inch mold)	\$200
■ ■ ■	ASTM D698, D1557, Compaction Curves (6-inch mold)	\$210
■ ■ ■	ASTM D854, Specific Gravity	\$88
■ ■ ■	ASTM C117, D1140, No. 200 Mesh Wash Particle Size Analysis	\$85
■ ■ ■	ASTM D2166, Unconfined Compression Shear Strength	\$109
■ ■ ■	ASTM D2216, Oven Moisture Content	\$29
■ ■ ■	ASTM D2419, Sand Equivalent	\$106
■ ■ ■	ASTM D2434, Constant Head Permeability	\$171
■ ■ ■	ASTM D2435, One-Dimensional Consolidation (per point)	\$25
■ ■ ■	ASTM D2844, Resistance Value	\$266
■ ■ ■	ASTM D2850, Unconsolidated, Undrained, Triaxial Shear Strength (per point)	\$144
■ ■ ■	ASTM D2937, Density-Moisture	\$34
■ ■ ■	ASTM D3080, Direct Shear Strength (3 points minimum)	\$297
■ ■ ■	ASTM D4318, Atterberg Indices (Dry Method)	\$149
■ ■ ■	ASTM D4546, One-Dimensional Settlement or Swell (per point)	\$85
■ ■ ■	ASTM D4767, Consolidated, Undrained, Triaxial Shear Strength (per point)	\$171
■ ■ ■	ASTM D4829, Expansion Index (UBC Expansion Index)	\$149
■ ■ ■	ASTM D4832, Strength of CLSM	\$43
■ ■ ■	ASTM D5084, Falling Head Permeability	\$244
California Test Methods		
■ ■ ■ ■	CTM 202, Analysis of Fine Coarse Aggregate	\$130
■ ■ ■ ■	CTM 205, Percent of Crushed Particles	\$85
■ ■ ■ ■	CTM 206, Specific Gravity/Absorption Coarse Aggregate	\$106
■ ■ ■ ■	CTM 207, Specific Gravity/Absorption Fine Aggregate	\$106
■ ■ ■ ■	CTM 208, Apparent Specific Gravity of Fine Aggregate	\$96
■ ■ ■ ■	CTM 216, Maximum Wet Density Determination	\$213
■ ■ ■ ■	CTM 217, Sand Equivalent	\$106
■ ■ ■ ■	CTM 226, Moisture Content by Oven	\$29
■ ■ ■ ■	CTM 227, Evaluating Cleanness of Coarse Aggregate	\$101
■ ■ ■ ■	CTM 229, Durability Index	\$149
■ ■ ■ ■	CTM 234, Uncompacted Void Content of Fine Aggregate	\$106
■ ■ ■ ■	CTM 235, Percent of Flat and Elongated Particles	\$85
■ ■ ■ ■	CTM 308, Bulk Density Hot Mix Asphalt (HMA)	\$38
■ ■ ■ ■	CTM 309, Max Specific Gravity of HMA	\$159
■ ■ ■ ■	CTM 370, Moisture Content with Microwave	\$24
■ ■ ■ ■	CTM 382, Asphalt Content by Ignition Method	\$156
■ ■ ■ ■	CTM 382, Asphalt Content by Ignition Method Correction Factor Development	\$480
■ ■ ■ ■	Caltrans LP 2, 3, 4 Aggregate Asphalt and Dust Proportion	\$159

This is a partial list of the most common laboratory tests. ASTM/CTM Standards are used as guidelines.