

11521 Blocker Drive, Suite 110
Auburn, CA 95603

(530) 887-1494
(530) 887-1495 Fax



2437 Front Street
West Sacramento, CA 95691

(916) 375-8706
Fax (916) 375-8709

EXHIBIT H
Amended Fee Schedule

bcistaff@blackburnconsulting.com

wsac@blackburnconsulting.com

OUR SERVICES:

- Geotechnical & Materials Engineering
- Construction Litigation Support
- Construction Monitoring
- Laboratory Testing
- Civil Engineering
- Environmental Engineering

HOURLY RATES:

Project Assistant	\$ 90	Project Engineer/Geologist I	\$125
CAD/GIS.	\$115	Project Engineer/Geologist II	\$135
Tester / Inspector I	\$ 90	Senior Engineer/Geologist	\$145
Prevailing Wage	\$105	Project Manager	\$165
Tester / Inspector II	\$ 95	Senior Project Manager	\$185
Prevailing Wage	\$110	Principal	\$205
Tester / Inspector III	\$105	Senior Principal	\$235
Prevailing Wage	\$120	Expert Testimony & Deposition	\$385
Technician Manager	\$ 115		

MINIMUM / BASIC CHARGES:

Outside Equipment & Services	Cost plus 6%
Mileage	Hourly rates are inclusive of vehicles, including mileage, cellular phones (including monthly charges), computers and Nuclear Moisture Density Gauge
Technician Services	Charge includes time from office to job & return to office
Overtime	Minimum charge: 2 hours Over 8 hours: 1.5 x Hourly Rate Before 7:00 a.m. or after 4:00 p.m.: 1.5 x Hourly Rate Rush Charge (less than 24 hour notice): 1.5 x Hourly Rate Saturday: 1.5 x Hourly Rate (minimum: 4 hour increments) Sunday & Holiday: 2.0 x Hourly Rate (minimum: 4 hour increments)
Report Copies	4 report copies provided
Additional Report Copies	\$100 for binding up to 50 pages, plus postage

EQUIPMENT: (personnel not included)

Drill Rig (prevailing wage)	\$ 260 /hour	Electrical Resistivity Equipment	\$170 / day
Hand Sampling Equipment	\$ 170 / day	Level Equipment	\$170 / day
Nuclear Moisture / Density Testing	\$ 15 / test	Coring	\$ 30 / core
6 " Sand Cone Testing	\$ 35 / test	Coring Machine	\$180 / day
12" Sand Cone Testing	\$170 / test	Anchor Bolt Equipment	\$140 / day
Seismic Refraction	\$280 / day	Dynamic Cone Penetrometer	\$180 / day
Schmidt Hammer	\$ 60 / day		
Pachometer	\$ 80 / day		

Blackburn Consulting Amended FEE SCHEDULE - Laboratory

SOIL CLASSIFICATION:

#200 Sieve Wash	ASTM D-1140	\$ 90
Sieve Analysis to #200	ASTM D-422, CAL 202	\$ 105
Standard Hydrometer	ASTM D-422	\$ 145
Plasticity Index	ASTM D-4318	\$ 145

AGGREGATES:

Bulk Specific Gravity	ASTM D-136	\$ 95
Coarse Durability	CAL 229	\$ 155
Fine Durability	CAL 229	\$ 155
Sand Equivalent	CAL 217, ASTM D-2419	\$ 125

STRENGTH:

Direct Shear (per point):		
Undisturbed	ASTM D-3080	\$ 125
Remolded	ASTM D-3080	\$ 140
Unconfined Compression	ASTM D-2166	\$ 100
Triaxial Compression (per point)		upon request
Pavement Subgrade:		
CBR	ASTM D-1883	\$ 800
Resistance Value (R-value)	CAL 301	\$ 260
Compression Test, Rock (w/o prep)	ASTM D-2938	\$ 210

CONSOLIDATION / EXPANSION:

One-Dimensional Consolidation (per load)	ASTM D-2435	\$ 105
Swell-Settlement Potential (per load)		\$ 125
Expansion Index	ASTM D-4829, UBC 29-2	\$ 200

MOISTURE / DENSITY:

Moisture Content (oven or microwave)	ASTM D-2216	\$ 30
Moisture/Density (tube samples)	ASTM D-2216, ASTM D-	\$ 50
Standard Proctor (4" or 6" mold)	ASTM D-698	\$ 210
Modified Proctor (4" mold)	ASTM D-1557	\$ 260
Modified Proctor (6" mold)	ASTM D-1557	\$ 260
California Impact	CAL 216	\$ 230
Check Point (standard or modified)	ASTM D-698, ASTM D-1557	\$ 105

PERMEABILITY:

Triaxial Cell Method (one effective stress)	ASTM D-5084	\$ 400
Each Additional Effective Stress	ASTM D-5084	\$ 100

CORROSIVITY ANALYSIS:

Soil Resistivity	CAL 643	\$ 150
Soil pH	CAL 643	\$ 50
Sulfates / Chlorides	CAL 417, CAL 422	\$ 80

TREATED SOIL TESTS:

% Lime for Stabilization	ASTM C-977	\$ 110
Modified Proctor (4" mold)	ASTM D-1557	\$ 310
Soil Compression Test (per point)	ASTM D-5102	\$ 180
One-Dimensional Swell		\$ 180

CONCRETE:

Compression Tests, 6"x12" molds	ASTM C-39	\$ 30
Spare Cylinders, handled and cured but not		\$ 30
Splitting Tensile Test, 6"x12" cylinders	ASTM C-496	\$ 65
Flexural Strength, 6"x6" concrete beam	ASTM C-78	\$ 90
Compression Test of cored concrete	ASTM C-42	\$ 70
Cleanness Test	Caltrans 227	\$ 120

MASONRY:

Compression Test, mortar or grout specimens	UBC Stds. 24-28, 24-22	\$ 40
Concrete Block, moisture, unit weight &	ASTM C-140	\$ 70
Compression Test, masonry unit	ASTM C-140	\$ 60
Compression Test, cutting coupons	ASTM C-140	\$ 90/hr
Compression Test on grouted prisms (each)	UBC Std. 24-26	\$ 130

ASPHALT CONCRETE:

Maximum Density (LTMD, min. 5 briquettes).	CAL 304, CAL 308	\$ 300
Stabilometer (min. 3 briquettes)	CAL 304, CAL 366	\$ 220
Extraction & Gradation	CAL 362, CAL 202.	\$ 300
Core Density	CAL 308	\$ 60