

April 26, 2016

DSA File No. 57-H3
DSA App. No. 02-115020
LEA No. 116

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Davis Joint Unified School District
526 B Street
Davis, CA 95616
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Testing and Inspection Services Proposal
DAVIS HIGH SCHOOL PARKING LOT IMPROVEMENTS
315 West 14th Street
Davis, California

Wallace-Kuhl and Associates (WKA) is pleased to submit this proposal to provide testing and inspection services during construction of the Davis High School pavement improvements project. The project consists of asphalt concrete (AC) overlay and full-depth AC paving at the student parking lot and reconstruction of the tennis courts at the existing campus.

Our budget estimate is based on review of the construction documents and discussions with project personnel. We understand our scope of work would include inspection and testing of soils and AC and concrete pavement construction. The actual amount of unstable pavement that will need to be addressed in the parking lot is unknown. We assume our firm will provide compaction testing of the AC during placement. Our experience has been that subgrade soils below existing pavements often are at relatively high moisture contents and stabilization efforts, including engineering consultation, are often required.

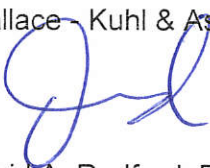
Based on our experience and the scope of work shown on the attached Budget Estimate, we estimate that our fee for the special inspection and testing services required for this project would be approximately \$10,850. Billing would be only for work performed and determined based on the attached 2016P Schedules of Fees. Please be aware that we bill for our hourly services on a portal-to-portal basis from our West Sacramento office. Also, the construction schedule and the contractor's efficiency affect the number of site visits - and the cost - required for our services. Our representatives would work with the Project Inspector to perform our work in a timely and efficient manner.

To assure that all parties fully understand the limitations of our role in your project, we emphasize that our representative will not act as supervisor of construction, nor will they direct construction operations. The various sub-contractors should be informed that neither the presence of our representative nor the testing by our firm shall excuse them from defects discovered in their work. Job and site safety of the contractor's personnel will be the sole responsibility of the contractor.

Our standard agreement for this work is attached to this proposal. If this proposal is acceptable, please sign the agreement and return it to us as our written authorization to proceed. We will return a fully executed copy of the agreement to you for your files. Please inform us if wet signed copies of the agreement are required. If that is the case, please print sign and return two copies of the agreement to our office. We will then return a fully executed copy by US mail for your files.

Thank you for the opportunity to submit this proposal and please contact me with any questions.

Wallace Kuhl & Associates



David A. Redford, PE
Senior Engineer

Attachments: Budget Estimate
Construction Testing Agreement
Schedule of Fees 2016P



Budget Estimate
DAVIS HIGH SCHOOL LOT IMPROVEMENTS
 Davis, California
 Page 1

| | Unit | Cost (\$) Per Unit | Estimated Quantity | Total |
|--|------|-----------------------|-----------------------|---------------------|
| SOILS TESTING AND INSPECTION | | | | |
| Pavement Subgrade Testing/Observation | hour | \$ 95.00 | 24 | \$ 2,280.00 |
| Pavement AB Testing/Observation | hour | \$ 95.00 | 10 | \$ 950.00 |
| Flatwork Subgrade Testing/Observation | hour | \$ 95.00 | 6 | \$ 570.00 |
| Flatwork AB Testing/Observation | hour | \$ 95.00 | 6 | \$ 570.00 |
| AC Compaction Testing/Observation | hour | \$ 96.00 | 16 | \$ 1,536.00 |
| Laboratory Testing | | | | |
| CTM 375 AC max density | each | \$ 375.00 | 2 | \$ 750.00 |
| ASTM D1557 Curve | each | \$ 240.00 | 3 | \$ 720.00 |
| PROJECT ADMINISTRATION, REVIEW & REPORTS | | | | |
| Project Related Meetings | hour | \$ 95.00 | 2 | \$ 190.00 |
| Supervising Technician | hour | \$ 95.00 | 2 | \$ 190.00 |
| Senior Engineer | hour | \$ 160.00 | 8 | \$ 1,280.00 |
| SOILS TOTAL | | | | \$ 9,036.00 |
| CONCRETE TESTING AND INSPECTION (if requested) | | | | |
| Concrete Mix Design Review by Senior Engineer | each | \$ 160.00 | 1 | \$ 160.00 |
| Concrete Placement T&I | | | | |
| Flatwork Concrete sampling and testing | hour | \$ 90.00 | 6 | \$ 540.00 |
| Retrieve Test Samples | hour | \$ 90.00 | 3 | \$ 270.00 |
| Laboratory Testing | | | | |
| Concrete Test Cylinders - 2 sets of 4 | each | \$ 25.00 | 8 | \$ 200.00 |
| CONCRETE TOTAL | | | | \$ 1,170.00 |
| PROJECT ADMINISTRATION, REVIEW & REPORTS | | | | |
| Senior Engineer - Report Review / Closeout Documentation | hour | \$ 160.00 | 4 | \$ 640.00 |
| PROJECT ADMINISTRATION TOTAL | | | | \$ 640.00 |
| PROJECT TOTAL | | | | \$ 10,846.00 |



DAVIS JOINT UNIFIED SCHOOL DISTRICT ("CLIENT") and River City Geoprosessionals, Inc. dba WALLACE - KUHL & ASSOCIATES ("WKA") agree:

1. **PROFESSIONAL SERVICES.** **WKA** will perform professional services and will receive compensation pursuant to the terms and conditions of the attached proposal letter dated April 26, 2016, which is incorporated herein by reference. In performing professional services, **WKA** shall use that degree of care and skill ordinarily exercised, under similar circumstances, by reputable members of the engineering profession practicing under similar conditions at the same time and in the same or similar locality. **CLIENT** understands and acknowledges the inherent risks connected with construction and agrees that no warranty, either express or implied, is included in this Agreement or in any drawing, specification, report or opinion produced pursuant to this Agreement.

2. **PAYMENT.** **WKA** will submit invoices for services rendered on a periodic basis, provided, however, said invoices shall not be submitted more frequently than once every 30 days. Invoices shall be due upon receipt, but shall not be considered delinquent if paid on or before the expiration of 30 days from date of mailing. If payment is not so made, a late payment charge shall be due on the invoice amount at the rate of one and one-half percent (1½%) per month on the unpaid balance from the date of the invoice until paid. In the event of delinquency, **CLIENT** shall pay the actual cost of collection including, without limitation, reasonable attorneys' fees.

3. **JOB SITE.** **WKA** will not act as supervisor of construction operations, nor will **WKA** direct or exert any control over such operations. The construction contractor(s) shall be informed that neither the presence of **WKA** on the job site, nor the testing by **WKA** shall excuse the contractor(s) for defects in any contractor's work or any contractor's non-compliance with the project plans, specifications or applicable laws, ordinances, regulations or standards, whether such defect or non-compliance is discovered during or after construction. **CLIENT** agrees that the construction contractor(s) will be required by **CLIENT** to assume sole and complete responsibility for job conditions during construction, including safety of persons and property.

4. **REPORTS.** Reports, plans and other work prepared by **WKA** remain the property of **WKA**. **CLIENT** agrees that all reports and other work furnished to the **CLIENT** and his agents not paid for will be returned upon demand, and will not be used for licensing, permits, design and/or construction.

5. **LIABILITY.** **CLIENT** agrees to indemnify and hold **WKA** harmless from any and all liability in connection with the performance of work during construction of this project, except liability arising directly from the gross negligence or willful misconduct of **WKA**. **WKA** carries workers' compensation insurance and public liability insurance for bodily injury and property damage that may be suffered by third parties and members of the public who are not covered by the limitation of liability set forth below in Paragraph 6. Certificates of coverage will be furnished to **CLIENT** upon written request. **WKA** assumes the risk of damage caused by its personnel to its supplies and equipment. In the event **CLIENT** desires greater insurance coverage and directs **WKA** to take out additional insurance, **WKA** shall procure and maintain additional insurance, if procurable, at **CLIENT**'s expense; provided, however, **WKA** shall not be responsible for property damage and bodily injury resulting from any cause, including fire and explosion, beyond the amount and coverage of **WKA**'s insurance.

6. **LIMITATION OF LIABILITY.** **WKA**'s liability for damages due to alleged negligent professional acts, errors and omissions will be limited to a sum not to exceed \$50,000 or **WKA**'s total fee, whichever is greater. Notwithstanding any other provision herein to the contrary, **WKA** shall not be responsible or held liable for any special, indirect or consequential damages resulting in any way from **WKA**'s performance under this Agreement.

7. **GOVERNING LAW; DISPUTES.** This Agreement shall be governed by the laws of the State of California. Should either party hereto bring suit in court to enforce any term of this Agreement, it is agreed that each party shall pay their own legal costs, expenses and attorneys' fees.

DAVIS JOINT UNIFIED SCHOOL DISTRICT**WALLACE ■ KUHL & ASSOCIATES**_____
Signature_____
Signature_____
Name printed or typed_____
TitleDavid A. Redford, Senior Engineer_____
Name/Title CA Registered CE No. 51122, expires 9/30/15_____
DateApril 26, 2016_____
Date_____
Company Address

PROFESSIONAL SERVICES

PROFESSIONAL SERVICES

| | | |
|--------------------------------------|----------|----------|
| Principal Engineer / Geologist | \$160.00 | per hour |
| Senior Engineer / Geologist | \$160.00 | per hour |
| Senior Environmental Scientist | \$160.00 | per hour |
| Project Engineer / Geologist | \$135.00 | per hour |
| Project Environmental Scientist | \$135.00 | per hour |
| Senior Staff Engineer / Geologist | \$125.00 | per hour |
| Senior Staff Environmental Scientist | \$125.00 | per hour |
| Staff Engineer / Geologist | \$120.00 | per hour |
| Staff Environmental Scientist | \$120.00 | per hour |
| Senior Environmental Technician | \$95.00 | per hour |
| Senior / Supervising Technician | \$95.00 | per hour |
| Draftsperson / GIS Technician | \$90.00 | per hour |
| Administrative Assistant | \$70.00 | per hour |

FIELD INVESTIGATION TESTING

| | | |
|-----------------------------------|----------|----------|
| Seismic Refraction Survey | \$160.00 | per hour |
| Thermal Resistivity Testing | \$160.00 | per hour |
| Electrical Resistivity Survey | \$160.00 | per hour |
| Hand Augering/Sampling - Engineer | \$145.00 | per hour |
| Photoionization Detector | \$160.00 | per hour |

LITIGATION

| | | |
|--------------------------------------|----------|----------|
| Data Review/Consultation | \$230.00 | per hour |
| Depositions/Expert Witness Testimony | \$340.00 | per hour |

EXPENSES

| | | |
|--|---------|----------|
| Vehicle Charges (<i>Subject to periodic adjustment due to fuel cost</i>) | \$0.75 | per mile |
| Subsistence | \$55.00 | per day |
| Lodging | Cost | |
| Services by Associate Firms and other outside services | Cost | plus 20% |
| Equipment rental, freight, special materials | Cost | plus 20% |
| Extra Report Copies | | |
| Black and white versions | \$21.00 | each |
| Color photography versions | \$32.00 | each |

PREMIUM CHARGES

| | | | |
|------------------------|------------------|----|---------|
| Overtime and Saturdays | hourly rate plus | 40 | percent |
| Sunday and Holidays | hourly rate plus | 75 | percent |

SHIFT DIFFERENTIAL

A 25 percent shift differential surcharge will be added to the hourly rate of personnel involved in scheduled testing work between the hours of 6 P.M. and 5 A.M., as well as a four hour minimum.



FIELD SERVICES**CONCRETE & REINFORCING STEEL**

| | |
|---|---------------|
| Ball Penetration (Kelly Ball) | \$120.00 /hr. |
| Batch Plant Inspection | \$90.00 /hr. |
| CaCl Moisture Emission Test Kit | \$30.00 /kit |
| CaCl Moisture Emission Testing | \$85.00 /hr. |
| CLSM/CDF/Slurry Testing | \$85.00 /hr. |
| Concrete Mix Design Review | \$160.00 /hr. |
| Concrete Placement Obs/Cast Cylinder | \$90.00 /hr. |
| Concrete Rebound Number Testing | \$120.00 /hr. |
| Concrete Trial Batch | \$90.00 /hr. |
| Floor Flatness Testing | \$120.00 /hr. |
| High Strength Grout Sampling / Testing | \$90.00 /hr. |
| Rebar / Post Tension Special Inspection | \$95.00 /hr. |
| Rebar Location / GPR | \$275.00 /hr. |
| Rebar Location / Pachometer | \$120.00 /hr. |
| Rebar Placement Inspection | \$95.00 /hr. |
| Reinforcing Steel Sampling/Tagging | \$90.00 /hr. |
| Relative Humidity Testing | \$120.00 /hr. |
| Shotcrete Special Inspection | \$90.00 /hr. |
| Transport Cylinders / Samples to Lab | \$90.00 /hr. |

CORING

| | |
|---------------------------------|---------------|
| Coring (Technician + equipment) | \$120.00 /hr. |
| Coring (Technician assistant) | \$90.00 /hr. |

POST-INSTALLED ANCHORS

| | |
|---|---------------|
| Concrete Anchor Installation Inspection | \$90.00 /hr. |
| Concrete Anchor Proof Load Testing | \$120.00 /hr. |
| Concrete Anchor Torque Testing | \$95.00 /hr. |
| Suspended Ceiling Inspection / Testing | \$120.00 /hr. |

STRUCTURAL STEEL

| | |
|---|---------------|
| Fireproofing Special Inspection / Testing | \$90.00 /hr. |
| High Strength Bolt Special Inspection | \$95.00 /hr. |
| Non-Destructive Testing - UT/MT/PT | \$105.00 /hr. |
| Welding Special Inspection - Field | \$95.00 /hr. |
| Welding Special Inspection - Shop | \$95.00 /hr. |

MASONRY

| | |
|--|---------------|
| In-Place Masonry Flatjack Testing | \$145.00 /hr. |
| In-Place Masonry Shear Testing | \$120.00 /hr. |
| Masonry Materials Sampling / Testing | \$90.00 /hr. |
| Masonry Special Inspection | \$90.00 /hr. |
| Masonry Special Inspection DSA Certified | \$100.00 /hr. |

SOILS & ASPHALT CONCRETE

| | |
|---|---------------|
| Asphalt Concrete Inspection / Testing | \$95.00 /hr. |
| Asphalt Concrete Materials Sampling | \$95.00 /hr. |
| Building Pad Special Inspection / Testing | \$95.00 /hr. |
| Deep Foundation Inspection | \$95.00 /hr. |
| Flatwork AB Inspection / Testing | \$95.00 /hr. |
| Flatwork Subgrade Inspection / Testing | \$95.00 /hr. |
| Grading Inspection / Testing | \$95.00 /hr. |
| Hand Augering and Sampling | \$120.00 /hr. |
| Pavement AB Inspection / Testing | \$95.00 /hr. |
| Pavement Subgrade Inspection / Testing | \$95.00 /hr. |
| Proof Rolling Observation | \$95.00 /hr. |
| Shallow Foundation Inspection | \$95.00 /hr. |
| Slab Subgrade Soil Moisture Tests | \$95.00 /hr. |
| Soil / Aggregate Sampling | \$95.00 /hr. |
| Soil Treatment Testing / Observation | \$95.00 /hr. |
| Structure Backfill Inspection / Testing | \$95.00 /hr. |
| Subgrade Stabilization Observation | \$95.00 /hr. |
| Utility Trench Backfill Testing | \$95.00 /hr. |
| WKA Drill Rig (including operator) | \$260.00 /hr. |
| WKA Drill Rig (helper) | \$95.00 /hr. |

SPECIALIZED SERVICES

| | |
|--|---------------|
| Coefficient of Friction Testing | \$120.00 /hr. |
| Crack Monitoring | ** |
| Existing Building Evaluation / Demo | \$90.00 /hr. |
| Existing Building Evaluation / Document | \$90.00 /hr. |
| Existing Building Evaluation / Repair | \$90.00 /hr. |
| Field Investigate Support | \$90.00 /hr. |
| FRP Installation Inspection | \$90.00 /hr. |
| GFRC Inspection / Testing | \$90.00 /hr. |
| Soil Elect. Resistivity Testing - Technician | \$120.00 /hr. |
| Prestress Framing Installation | \$90.00 /hr. |
| Proto Wall Inspection / Testing | \$90.00 /hr. |
| Roofing Inspection | \$90.00 /hr. |
| Shear Nailing Inspection | \$90.00 /hr. |
| Thickness Testing - Coating / Steel | \$90.00 /hr. |
| Timber Framing / Hardware Inspection | \$90.00 /hr. |
| Vapor Barrier Inspection | \$90.00 /hr. |
| Vibration Monitoring | ** |

GENERAL

| | |
|--------------------------------|---|
| Inspection / Testing Cancelled | * |
| Reinspection / Retesting | * |
| Stand-by Time | * |

* Based on hourly rate of Inspection or Testing scheduled

** Based on Staff Classification

MINIMUM CHARGES

A two hour minimum charge will apply to field technician services with the following exceptions:

- Single trip pickup and delivery services, where a one hour minimum will apply.
- Saturday, Sunday and holidays, where a four hour minimum charge will apply.



LABORATORY SERVICES

SOIL

| | | | |
|--|---------------------|----------|------|
| Atterberg Limits (LL/PI) | ASTM D4318 | \$150.00 | each |
| CLSM/CDF/Soil Cement Compression Test | ASTM D4832 | \$50.00 | each |
| Compaction Characteristics | ASTM D698 | \$240.00 | each |
| Compaction Characteristics | ASTM D1557 | \$240.00 | each |
| Compaction Characteristics | CTM 216 | \$240.00 | each |
| Expansion Index | ASTM D4829 | \$175.00 | each |
| Hydraulic Conductivity, Flexible Wall Permeability | ASTM D5084 | \$400.00 | each |
| Moisture Content | ASTM D2216 | \$20.00 | each |
| Organic Content | ASTM D2974 | \$90.00 | each |
| Resistance "R" Value - Untreated | ASTM D2844, CTM 301 | \$245.00 | each |
| Resistance "R" Value - Laboratory Lime-Treated | ASTM D2844, CTM 301 | \$300.00 | each |
| Sieve Analysis - Sieve only (Coarse or Fine) | ASTM C136/D1140 | \$100.00 | each |
| Sieve Analysis - Passing No. 200 only | ASTM D1140 | \$90.00 | each |
| Sieve Analysis - Sieve & Hydrometer | ASTM D422 | \$160.00 | each |
| Specific Gravity of Soils | ASTM D854 | \$125.00 | each |
| Triaxial Compression Test, 1 point - Undisturbed | ASTM D4767 | \$250.00 | each |
| Triaxial Compression Test, 3 Pt Staged - Undisturbed | ASTM D4767 | \$295.00 | each |
| Triaxial Compression Test, 1 point - Remolded | ASTM D4767 | \$325.00 | each |
| Triaxial Compression Test, 3 Pt Staged - Remolded | ASTM D4767 | \$375.00 | each |
| Unconfined Compression Test | ASTM D2166 | \$100.00 | each |
| Unit Weight/Moisture Content - Tube Sample | ASTM D2937/D2216 | \$30.00 | each |
| Consolidation (8 loads + 1 rebound) | ASTM D2435 | \$450.00 | each |
| Consolidation (additional loads) | ASTM D2435 | \$50.00 | each |
| Thermal Resistivity | ASTM D5334 | \$50.00 | each |

AGGREGATE

| | | | |
|--|---------------------|----------|----------|
| Aggregate Unit Weight | ASTM C29 | \$50.00 | each |
| Clay Lumps and Friable Particles | ASTM C142 | \$155.00 | per size |
| Cleanness Value | CTM 227 | \$160.00 | each |
| Durability Index (Coarse or Fine) | CTM 229 | \$155.00 | each |
| Flat and Elongated Particles in Coarse Aggregate | ASTM D4791 | \$115.00 | per size |
| Fractured/Crushed Particles | ASTM D5821, CTM 205 | \$115.00 | per size |
| Organic Impurities in Fine Aggregates | ASTM C40 | \$55.00 | each |
| Resistance "R" Value | CTM 301 | \$290.00 | each |
| Sand Equivalent, 1 point | CTM 217 | \$85.00 | each |
| Sand Equivalent, 3 points | CTM 217 | \$125.00 | each |
| Sieve Analysis - Coarse or Fine | ASTM C136, CTM 202 | \$100.00 | each |
| Sieve Analysis - Passing No. 200 only | ASTM C117 | \$90.00 | each |
| Sodium Sulfate Soundness | ASTM C88, CTM 214 | \$120.00 | per size |
| Specific Gravity and Absorption (Coarse or Fine) | ASTM C127, C128 | \$120.00 | each |

ASPHALT CONCRETE

| | | | |
|--|----------------------------|----------|------|
| Asphalt Content (Ignition Oven) | ASTM D6307, CTM 382 | \$240.00 | each |
| Hveem Compacted Unit Weight, 1 point | ASTM D1560/D2726 | | |
| | CTM 304/308 | \$95.00 | each |
| Laboratory Test Maximum Density (LTMD), 5 points | CTM 375 | \$350.00 | each |
| Marshall Compacted Unit Weight, 1 point | ASTM D6926/D2726 | \$90.00 | each |
| Sieve Analysis of AC Aggregate (Coarse and Fine) | ASTM D5444, CTM 202 | \$165.00 | each |
| Stabilometer Value, 1 point | CTM 366 | \$125.00 | each |
| Theoretical Maximum Density | ASTM D2041, CTM 309 | \$150.00 | each |
| Thickness of AC Cores | ASTM D3549 | \$10.00 | each |
| Unit Weight of AC Cores | ASTM D2726, D1188, CTM 308 | \$50.00 | each |



LABORATORY SERVICES

CONCRETE

| | | | |
|--|-----------------|----------|------|
| Compression Test, Concrete Cylinder | ASTM C39 | \$25.00 | each |
| Compression Test, Concrete Cylinder - Hold | ASTM C39 | \$20.00 | each |
| Compression Test, Concrete Core | ASTM C42, C39 | \$70.00 | each |
| Compression Test, Shotcrete Core | ASTM C42, C39 | \$70.00 | each |
| Compression Test, High Strength Grout | ASTM C1107/C109 | \$35.00 | each |
| Concrete Cylinder Mold | | \$4.00 | each |
| Density / Unit Weight of Concrete | ASTM C567, C642 | \$50.00 | each |
| Flexural Strength Test, Concrete Beam | ASTM C78 | \$95.00 | each |
| Laboratory Drying Shrinkage Test, per beam | ASTM C157 | \$175.00 | each |
| Splitting Tensile Test, Concrete Cylinder | ASTM C496 | \$75.00 | each |

MASONRY

| | | | |
|---|-------------------|----------|------|
| Brick | | | |
| Compression Test | ASTM C67 | \$60.00 | each |
| Modulus of Rupture | ASTM C67 | \$70.00 | each |
| Absorption | ASTM C67 | \$85.00 | each |
| Concrete Masonry Unit | | | |
| Compression Test | ASTM C140 | \$70.00 | each |
| Absorption & Moisture Content | ASTM C140 | \$70.00 | each |
| Linear Drying Shrinkage | ASTM C426 | \$175.00 | each |
| Compression Test, Composite Masonry Prism | ASTM C1314 | \$95.00 | each |
| Compression Test, Masonry Grout | ASTM C1019 | \$35.00 | each |
| Compression Test, Mortar | ASTM C780 | \$30.00 | each |
| Core Shear Test | CBC Section 2105A | \$80.00 | each |
| Masonry Core Compression Test | CBC Section 2105A | \$70.00 | each |

STEEL

| | | | |
|---|----------------------|---------------|----------|
| Anchor Bolt Tensile Test | ASTM F606 | \$95.00 | each |
| Fireproofing Density Test | ASTM E605 | \$65.00 | each |
| High Strength Bolt Assembly Laboratory Testing | | | |
| Bolt - Wedge Tension Test | ASTM F606 | \$70.00 | each |
| Bolt - Proof Load Test | ASTM F606 | \$70.00 | each |
| Bolt - Hardness Test | ASTM E18 | \$25.00 | each |
| Nut - Proof Load Test | ASTM F606 | \$70.00 | each |
| Nut - Hardness Test | ASTM E18 | \$25.00 | each |
| Washer - Hardness Test | ASTM E18 | \$25.00 | each |
| Prestressing Steel Strand Tensile Test | ASTM A416/A1061 | \$125.00 | each |
| Reinforcing Steel (Rebar) Tensile Test | | | |
| Up to No. 7 | ASTM A615, A706/A370 | \$70.00 | each |
| From No. 8 through No. 14 | ASTM A615, A706/A370 | \$95.00 | each |
| Reinforcing Steel (Rebar) Bend Test | ASTM A615, A706/A370 | \$35.00 | each |
| Structural Steel Tensile Test | | | |
| Up to 3/4" | ASTM A370 | \$70.00 | each |
| Sizes Larger Than 3/4" | ASTM A370 | \$95.00 | each |
| Machining of Test Specimens | | cost plus %20 | |
| Structural Steel Hardness Testing | ASTM E18 | \$75.00 | each |
| Torque Wrench Calibration (minimum of 4 wrenches) | | \$75.00 | each |
| Weld Assembly, Guided Bend/Macroetch/T-Bend Test | AWS D1.1, ASTM E190 | \$75.00 | per test |
| Welder Qualification Test Inspection | | \$80.00 | per hour |
| Welder Qualification Test Record | | \$95.00 | each |

TESTING SERVICES

| | | | |
|-----------------------|--|---------|----------|
| Laboratory Technician | | \$75.00 | per hour |
|-----------------------|--|---------|----------|

