

| LAPEER COUNTY ROAD COMMISSION | | |
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| 2009-20 Contracted Services | | |
| Contractor | Service | Unit Price |
| CTI and Associates, Inc. Beth Taylor 248-486-5100 | Technician to perform testing/ per hour | \$ 35.00 |
| | Technician to perform testing/per day | \$ 280.00 |
| | Time on job of 4 hours or less/ per day | \$ 150.00 |
| | Time in excess of 8 hours per day or for Sat./Sun. or Holidays/ per hour | \$ 52.50 |
| | Asphalt Batch Plant Inspection/ per hour | \$ 42.00 |
| | Vehicle Charge/ per trip | \$ 50.00 |
| | Geotechnical Project Manager/ per hour | \$ 80.00 |
| | Administrative Support/ per hour | \$ 30.00 |
| | Nuclear Density Gauge/ per day | \$ 25.00 |
| | Graduation Analysis (#200 wash)/ per test | \$ 65.00 |
| | Modified Proctor/ per test | \$ 135.00 |
| | Concrete Compressive Strength Test/ Per cylinder | \$ 10.00 |
| | Concrete Flexural Strength/ per beam | \$ 15.00 |
| | Extraction/Gradation/ per test | \$ 190.00 |
| | Marshall Density for Unit Weight/ per test | \$ 105.00 |
| | Marshall Mix Verification (flow & stability)/ per test | \$ 250.00 |
| | Resistivity Tests/per test | \$ 55.00 |
| | Visual Soil Classifications/ per sample | \$ 25.00 |
| | Moisture Content/ per test | \$ 10.00 |
| | Construction Testing Services Jack Geerlings 810-603-0766 | Testing and Inspection for 8 hour day |
| Time on the job of 4 hours or less, minimum rate of trip | | \$ 200.00 |
| Time in excess of 8 hours per day for Sat, Sun of holidays/ per hour | | \$ 56.00 |
| Asphalt batch plant inspection per hour/ 4 hours | | \$ 55.00 |
| Technician, Hourly | | \$ 50.00 |
| Geotechnical Engineer, Hourly | | \$ 95.00 |
| LAB TESTING | | |
| Mechanical Analysis of aggregates or soils | | \$ 75.00 |
| Concrete Compression Strength Tests on 6" x 12" Cylinders | | \$ 15.00 |
| Complete Marshall including flow and stability | | \$ 325.00 |
| Asphalt Mix Extraction Test | | \$ 200.00 |
| Marshall Density for Unit Weight for Asphalt Density | | \$ 125.00 |
| Proctor Testing | | \$ 140.00 |
| Resistivity Tests | | \$ 65.00 |
| Lab Analysis of Soils | | \$ 40.00 |

| Contractor | Service | Unit Price |
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| Spicer Group Gerrad Godley, P.E. 989-754-4717 | ENGINEERING/ Hour | |
| | Senior Project Manager | \$ 155.00 |
| | Project Manager (P.E.) | \$ 127.00 |
| | Project Engineer (P.E.) | \$ 115.00 |
| | Design Engineer (F.E.) | \$ 93.00 |
| | Designer | \$ 90.00 |
| | Technician V | \$ 71.00 |
| | Project Assistant | \$ 57.00 |
| | Electrical Field Technician | \$ 90.00 |
| | Electrical Office Technician | \$ 80.00 |
| | SURVEY/ Hour | |
| | Two-Man Crew | \$ 135.00 |
| | One Man GPS Crew | \$ 82.00 |
| | Senior Project Surveyor (P.S.) | \$ 132.00 |
| | Project Surveyor (P.S.) | \$ 117.00 |
| | Staff Surveyor | \$ 92.00 |
| | Technician V | \$ 71.00 |
| | Project Assistant | \$ 57.00 |
| | SURVEY SPECIALTY SERVICES/EQUIPMENT/ Hour | |
| | BATHYMETRIC SURVEY | |
| | Bathymetric Survey | \$ 235.00 |
| | Bathymetric Office | \$ 117.00 |
| | Bathymetric Drafting | \$ 71.00 |
| | LASER SCANNING SURVEY | |
| | Laser Scanning | \$ 135.00 |
| | Laser Scanning Office | \$ 117.00 |
| | Laser Scanning Drafting | \$ 71.00 |
| | PLANNING/LANDSCAPE | |
| | Senior Project Planner | \$ 155.00 |
| | Project Planner | \$ 106.00 |
| | Landscape Architect | \$ 125.00 |
| | MISCELLANEOUS SERVICES | |
| | Technology Integrator | \$ 112.00 |
| | Sr. Tech Write/Graphic Designer | \$ 95.00 |
| | Tech Write/Graphic Designer | \$ 90.00 |
| | CONSTRUCTION TESTING | |
| | Construction Service Technicians | \$ 84.00 |
| | Structural Steel Inspector | \$ 114.00 |
| | Construction Administrator | \$ 110.00 |
| | EQUIPMENT/ Day | |
| | Nuclear Moisture-Density Gauge | \$ 50.00 |
| | Coring Machine, Generator and Bit Wear | \$ 125.00 |
| | Rebound Hammer | \$ 50.00 |
| | Hand Auger/Dymanic Cone Penetrometer | \$ 20.00 |
| | LABORATORY TESTING/ Per Test | |
| Sieve Analysis (unwashed) | \$ 60.00 | |
| Sieve Analysis (washed) | \$ 90.00 | |
| Hydrometer Analysis | \$ 100.00 | |
| Atterberg Limits | \$ 110.00 | |
| Laboratory Manimum Dry Density: | | |
| 1. ASTM D1557 (Modified Proctor) | \$ 140.00 | |
| 2. ASTM D698 (Standard Proctor) | \$ 120.00 | |
| 3. Clay Preparation | \$ 40.00 | |
| Compressive Strength Test on Mortar Cube | \$ 22.00 | |
| Compressive Strength Test on Concrete Core | \$ 51.00 | |
| Compressive Strength Test on Grout Specimens | \$ 26.00 | |

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| | Compressive Strength Test on Concrete Cylinder, ASTM C39 | \$ | 18.00 |
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| Contractor | Service | Unit Price |
|---|---|-------------------|
| T. G. Priehs, LLC Travis Priehs 810-614-7380 | Crack Filling/ Linear Foot Cost | \$ 0.70 |
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| Wilcox 810-233-4627 | Technician, Grade III- Regular/ hour | \$ 65.00 |
| | Nuclear Density Meter/ /day | \$ 40.00 |
| | Coring Equipment/ day | \$ 150.00 |
| | Comprehensive Strength of Concrete Cylinders, ASTM C39/ each | \$ 18.00 |
| | Comprehensive Strength of Concrete Cores, ASTM C42/ each | \$ 60.00 |
| | Sieve Analysis, Granular & Fine Aggregate, MTM 109/ each | \$ 110.00 |
| | Sieve Analysis, Dense Graded Aggregate, MTM 109/ each | \$ 150.00 |
| | Lab Proctor-Granular & Fine Aggregate, ASTM D698 or D1557/ each | \$ 175.00 |
| | Lab Proctor-Dense Graded Aggregate and Clay, ASTM D698 or D1557/ each | \$ 225.00 |
| | Extraction & Sieve Analysis, ASTM D2172, D5444/ each | \$ 250.00 |
| | Unit Weigt of Asphalt Core, ASTM D2726/ each each | \$ 50.00 |
| | Administrative Services | |
| | Project Professional II (P.E.)/ hour | \$ 95.00 |
| | Office Tech II/ hour | \$ 50.00 |
| Contractor | Service | Unit Price |
| Ray Davis/Cory Mabery 810-667-6789 | Permit Inspector | \$ 50.00 |
| | Construction Inspector w/truck | \$ 60.00 |
| | Material Testing, certified technician (in lab) | \$ 64.00 |
| | Aggregate | \$ 10.00 |
| | Bituminous | \$ 20.00 |
| | Concrete | \$ 30.00 |
| | Density Testing,Certified Technician | \$ 64.00 |
| | Lab Equipment Fee | \$ 40.00 |
| | Two (2)Man Survey Crew | \$ 120.00 |
| | One (1) Man Survey Crew with GPS Equipment | \$ 130.00 |
| | Support Staff for Field Personal | |
| | Principal | \$ 105.00 |
| | Licensed Engineer | \$ 84.00 |
| | Licensed Surveyor | \$ 84.00 |
| | Technician II | \$ 64.00 |
| | Technician I | \$ 42.00 |

*some 2 hour minimums