

# **Proposal for Part-Time Construction Inspection Services City of Lawrence Paving Projects**

## **Scope of Services**

Shrewsberry & Associates proposes to provide part-time construction inspection services for the City of Lawrence Task Order 13 CCMG 2024-02 Resurfacing Program. These services will ensure quality control and compliance with contract specifications, including:

### **1. Project Setup & Documentation**

- a. Marking project limits and patching areas in the field.
- b. Denoting any field changes on plans and providing As-Built Drawings.

### **2. On-Site Inspection & Verification**

- a. Observing paving operations to ensure proper placement and compaction per specifications.
- b. Verifying materials and sources.
- c. Tracking and verifying quantities placed for payment processing.
- d. Monitoring surface preparation and milling operations.
- e. Documenting weather conditions, construction activities, and any significant observations.

### **3. Project Management & Coordination**

- a. Conducting pre-construction and progress meetings.
- b. Reviewing and approving or denying contractor change requests.
- c. Ensuring work aligns with contract documents.

## **Estimated Workload & Fee Structure**

Our inspection services will be provided on an hourly, not-to-exceed basis. Below is a breakdown of the estimated hours and cost associated with the project:

**Task**

**Estimated Hours**

Project Management	20 hours
Pre-Construction & Progress Meetings	14 hours
Inspection / Measure / Quantity Items	440 hours
Red-Line As-Built Drawings & As-Built Digital Submission	10 hours
Final Construction Record	Included in As-Built Documentation
<b>Total Estimated Hours</b>	<b>524 hours</b>

### **Fee Summary**

- **Inspector 2 Rate:** \$127.28 per hour
- **Project Management Rate:** \$225.54 per hour
- **Estimated Total Cost:** \$65,000
- **Mileage Reimbursement:** \$0.50 per mile (as applicable)
- **Billing Schedule:** Monthly invoices based on actual hours worked

### **Alternative Cost Options**

In addition to the mid-range cost estimate presented above, Shrewsberry & Associates is offering two alternative cost structures:

- **Low-Range Option:** Reduced total hours for a lower overall fee while maintaining experienced personnel. **\$50,100.00 with a total of 410 hours**
- **High-Range Option:** Additional inspection coverage and project management support for enhanced oversight. **\$73,100.00 with a total of 584 hours**

### **Project Timeline & Duration**

The estimated work hours support inspection services for the project from **mid-to-late April through September 2024** at an average of **23 hours per week**. This allows for flexibility while ensuring adequate coverage. If unexpected project challenges arise (such as weather delays or material issues), we can provide additional inspection support as needed.

### **Conclusion**

Shrewsberry & Associates is committed to providing high-quality construction inspection services to ensure a successful and well-executed project. Our experienced inspection team will work closely with the City of Lawrence to maintain compliance, ensure proper documentation, and facilitate smooth project execution.

If you have any questions or require adjustments to the scope or cost, please let us know. We appreciate the opportunity to support the City of Lawrence on this project.

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Shrewsberry & Associates