

**SPONSOR: City of Moberly, MO**  
**LOCATION: N. Morley Street/Business 63**  
**PROJECT: TAP – 9900(272)**

*THIS CONTRACT* is between *City of Moberly, Missouri*, hereinafter referred to as the "Local Agency", and *Bartlett & West, Inc.*, hereinafter referred to as the "Engineer".

*INASMUCH* as funds have been made available by the Federal Highway Administration through its *Transportation Alternatives Program (TAP)*, coordinated through the Missouri Department of Transportation, the Local Agency intends to *design and provide construction observation of ADA improvements and pedestrian signals at the intersection of N. Morley Street and Highway 24 and along portions of N. Morley Street* and requires professional engineering services. The Engineer will provide the Local Agency with professional services hereinafter detailed for the planning, design and construction inspection of the desired improvements and the Local Agency will pay the Engineer as provided in this contract. It is mutually agreed as follows:

**ARTICLE I – SCOPE OF SERVICES**

See Attachment A

**ARTICLE II - DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS:**

- A. DBE Goal: The following DBE goal has been established for this Agreement. The dollar value of services and related equipment, supplies, and materials used in furtherance thereof which is credited toward this goal will be based on the amount actually paid to DBE firms. The goal for the percentage of services to be awarded to DBE firms is 7% of the total Agreement dollar value.
- B. DBE Participation Obtained by Engineer: The Engineer has obtained DBE participation, and agrees to use DBE firms to complete, 11% of the total services to be performed under this Agreement, by dollar value. The DBE firms which the Engineer shall use, and the type and dollar value of the services each DBE will perform, is as follows:

| <u>DBE FIRM<br/>NAME,<br/>STREET AND<br/>COMPLETE<br/>MAILING<br/>ADDRESS</u> | <u>TYPE OF<br/>DBE<br/>SERVICE</u> | <u>TOTAL \$<br/>VALUE OF<br/>THE DBE<br/>SUBCONTRACT</u> | <u>CONTRACT<br/>\$ AMOUNT<br/>TO APPLY<br/>TO TOTAL<br/>DBE GOAL</u> | <u>PERCENTAGE<br/>OF<br/>SUBCONTRACT<br/>DOLLAR VALUE<br/>APPLICABLE TO<br/>TOTAL GOAL</u> |
|---|------------------------------------|--|--|--|
| Civil Design, Inc.  | Survey &<br>Legal Desc.            | \$18,623.08  | \$18,623.08  | 100%   |

**ARTICLE III-ADDITIONAL SERVICES**

The Local Agency reserves the right to request additional work, and changed or unforeseen conditions may require changes and work beyond the scope of this contract. In this event, a supplement to this

agreement shall be executed and submitted for the approval of MoDOT prior to performing the additional or changed work or incurring any additional cost thereof. Any change in compensation will be covered in the supplement.

#### **ARTICLE IV - RESPONSIBILITIES OF LOCAL AGENCY**

The Local Agency will cooperate fully with the Engineer in the development of the project, including the following:

- A. make available all information pertaining to the project which may be in the possession of the Local Agency;
- B. provide the Engineer with the Local Agency's requirements for the project;
- C. make provisions for the Engineer to enter upon property at the project site for the performance of his duties;
- D. examine all studies and layouts developed by the Engineer, obtain reviews by MoDOT, and render decisions thereon in a prompt manner so as not to delay the Engineer;
- E. designate a Local Agency's employee to act as Local Agency's Person in Responsible Charge under this contract, such person shall have authority to transmit instructions, interpret the Local Agency's policies and render decisions with respect to matters covered by this agreement (see EPG 136.3);
- F. perform appraisals and appraisal review, negotiate with property owners and otherwise provide all services in connection with acquiring all right-of-way needed to construct this project.

#### **ARTICLE V - PERIOD OF SERVICE**

The Engineer will commence work within two weeks after receiving notice to proceed from the Local Agency. The general phases of work will be completed in accordance with the following schedule:

- A. Anticipated Notice to Proceed: June 1, 2024
- B. Preliminary Plan Submittal: October 1, 2024
- C. Right of Way Plan Submittal: November 1, 2024
- E. PS&E Submittal: May 1, 2025
- F. Construction Contract Award: October 1, 2025
- G. Construction Phase shall be completed 60 days after construction final completion schedule.

The Local Agency will grant time extensions for delays due to unforeseeable causes beyond the control

of and without fault or negligence of the Engineer. Requests for extensions of time shall be made in writing by the Engineer, before that phase of work is scheduled to be completed, stating fully the events giving rise to the request and justification for the time extension requested.

## **ARTICLE VI – STANDARDS**

The Engineer shall be responsible for working with the Local Agency in determining the appropriate design parameters and construction specifications for the project using good engineering judgment based on the specific site conditions, Local Agency needs, and guidance provided in the most current version of EPG 136 LPA Policy. If the project is on the state highway system or is a bridge project, then the latest version of MoDOT’s Engineering Policy Guide (EPG) and Missouri Standard Specifications for Highway Construction shall be used (see EPG 136.7). The project plans must also be in compliance with the latest ADA (Americans with Disabilities Act) Regulations.

## **ARTICLE VII - COMPENSATION**

For services provided under this contract, the Local Agency will compensate the Engineer as follows:

- A. For design services, including work through the construction contract award stage, the Local Agency will pay the Engineer the actual costs incurred plus a predetermined fixed fee of \$8,955.67, with a ceiling established for said design services in the amount of \$ 94,425.90, which amount shall not be exceeded.
- B. For construction inspection services, the Local Agency will pay the Engineer the actual costs incurred plus a predetermined fixed fee of \$8,118.43, with a ceiling established for said inspection services in the amount of \$69,286.42, which amount shall not be exceeded.
- C. The compensation outlined above has been derived from estimates of cost which are detailed in Attachment B. Any major changes in work, extra work, exceeding of the contract ceiling, or change in the predetermined fixed fee will require a supplement to this contract, as covered in Article III - ADDITIONAL SERVICES.
- D. Actual costs in Sections A and B above are defined as:
  - 1. Actual payroll salaries paid to employees for time that they are productively engaged in work covered by this contract, plus
  - 2. An amount calculated at 53.26% of actual salaries in Item 1 above for payroll additives, including payroll taxes, holiday and vacation pay, sick leave pay, insurance benefits, retirement and incentive pay, plus
  - 3. An amount calculated at 124.93% of actual salaries in Item 1 above for general administrative overhead, based on the Engineer's system for allocating indirect costs in accordance with sound accounting principles and business practice, plus

4. Other costs directly attributable to the project but not included in the above overhead, such as vehicle mileage, meals and lodging, printing, surveying expendables, and computer time, plus
  5. Project costs incurred by others on a subcontract basis, said costs to be passed through the Engineer on the basis of reasonable and actual cost as invoiced by the subcontractors.
- E. The rates shown for additives and overhead in Sections VII. D.2 and VII. D.3 above are the established Engineer's overhead rate accepted at the time of contract execution and shall be utilized throughout the life of this contract for billing purposes.
- F. The payment of costs under this contract will be limited to costs which are allowable under 23 CFR 172 and 48 CFR 31.
- G. **METHOD OF PAYMENT** - Partial payments for work satisfactorily completed will be made to the Engineer upon receipt of itemized invoices by the Local Agency. Invoices will be submitted no more frequently than once every two weeks and must be submitted monthly for invoices greater than \$10,000. A pro-rated portion of the fixed fee will be paid with each invoice. Upon receipt of the invoice and progress report, the Local Agency will, as soon as practical, but not later than 45 days from receipt, pay the Engineer for the services rendered, including the proportion of the fixed fee earned as reflected by the estimate of the portion of the services completed as shown by the progress report, less partial payments previously made. A late payment charge of one and one half percent (1.5%) per month shall be assessed for those invoiced amount not paid, through no fault of the Engineer, within 45 days after the Local Agency's receipt of the Engineer's invoice. The Local Agency will not be liable for the late payment charge on any invoice which requests payment for costs which exceed the proportion of the maximum amount payable earned as reflected by the estimate of the portion of the services completed, as shown by the progress report. The payment, other than the fixed fee, will be subject to final audit of actual expenses during the period of the Agreement.
- H. **PROPERTY ACCOUNTABILITY** - If it becomes necessary to acquire any specialized equipment for the performance of this contract, appropriate credit will be given for any residual value of said equipment after completion of usage of the equipment.

#### **ARTICLE VIII - COVENANT AGAINST CONTINGENT FEES**

The Engineer warrants that he has not employed or retained any company or person, other than a bona fide employee working for the Engineer, to solicit or secure this agreement, and that he has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gifts, or any other consideration, contingent upon or resulting from the award or making of this contract. For breach or violation of this warranty, the Local Agency shall have the right to annul this agreement without liability, or in its discretion to deduct from the contract price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee, plus reasonable attorney's fees.

## **ARTICLE IX - SUBLETTING, ASSIGNMENT OR TRANSFER**

No portion of the work covered by this contract, except as provided herein, shall be sublet or transferred without the written consent of the Local Agency. The subletting of the work shall in no way relieve the Engineer of his primary responsibility for the quality and performance of the work. It is the intention of the Engineer to engage subcontractors for the purposes of:

| <b>Sub-Consultant Name</b> | <b>Address</b>  | <b>Services</b>                            |
|----------------------------|---|--|
| <b>Civil Design, Inc.</b>  | <b>120 Commerce Dr., Suite 100<br/>Holts Summit, MO 65043</b> | <b>Survey &amp; Legal<br/>Descriptions</b> |
| <b>Trileaf Corporation</b> | <b>1515 Des Peres Rd., Suite 200<br/>St. Louis, MO 63131</b>  | <b>Cultural Resources<br/>Survey</b>       |

## **ARTICLE X - PROFESSIONAL ENDORSEMENT**

All plans, specifications and other documents shall be endorsed by the Engineer and shall reflect the name and seal of the Professional Engineer endorsing the work. By signing and sealing the PS&E submittals the Engineer of Record will be representing to MoDOT that the design is meeting the intent of the federal aid programs.

## **ARTICLE XI - RETENTION OF RECORDS**

The Engineer shall maintain all records, survey notes, design documents, cost and accounting records, construction records and other records pertaining to this contract and to the project covered by this contract, for a period of not less than three years following final payment by FHWA. Said records shall be made available for inspection by authorized representatives of the Local Agency, MoDOT or the federal government during regular working hours at the Engineer's place of business.

## **ARTICLE XII - OWNERSHIP OF DOCUMENTS**

Plans, tracings, maps and specifications prepared under this contract shall be delivered to and become the property of the Local Agency upon termination or completion of work. Basic survey notes, design computations and other data prepared under this contract shall be made available to the Local Agency upon request. All such information produced under this contract shall be available for use by the Local Agency without restriction or limitation on its use. If the Local Agency incorporates any portion of the work into a project other than that for which it was performed, the Local Agency shall save the Engineer harmless from any claims and liabilities resulting from such use.

## **ARTICLE XIII – SUSPENSION OR TERMINATION OF AGREEMENT**

- A. The Local Agency may, without being in breach hereof, suspend or terminate the Engineer's services under this Agreement, or any part of them, for cause or for the convenience of the Local Agency, upon giving to the Engineer at least fifteen (15) days' prior written notice of the effective date thereof. The Engineer shall not accelerate performance of services during the

fifteen (15) day period without the express written request of the Local Agency.

- B. Should the Agreement be suspended or terminated for the convenience of the Local Agency, the Local Agency will pay to the Engineer its costs as set forth in Attachment B including actual hours expended prior to such suspension or termination and direct costs as defined in this Agreement for services performed by the Engineer, a proportional amount of the fixed fee based upon an estimated percentage of Agreement completion, plus reasonable costs incurred by the Engineer in suspending or terminating the services. The payment will make no other allowances for damages or anticipated fees or profits. In the event of a suspension of the services, the Engineer's compensation and schedule for performance of services hereunder shall be equitably adjusted upon resumption of performance of the services.
- C. The Engineer shall remain liable to the Local Agency for any claims or damages occasioned by any failure, default, or negligent errors and/or omission in carrying out the provisions of this Agreement during its life, including those giving rise to a termination for non-performance or breach by Engineer. This liability shall survive and shall not be waived, or estopped by final payment under this Agreement.
- D. The Engineer shall not be liable for any errors or omissions contained in deliverables which are incomplete as a result of a suspension or termination where the Engineer is deprived of the opportunity to complete the Engineer's services.
- E. Upon the occurrence of any of the following events, the Engineer may suspend performance hereunder by giving the Local Agency 30 days advance written notice and may continue such suspension until the condition is satisfactorily remedied by the Local Agency. In the event the condition is not remedied within 120 days of the Engineer's original notice, the Engineer may terminate this agreement.
  - 1. Receipt of written notice from the Local Agency that funds are no longer available to continue performance.
  - 2. The Local Agency's persistent failure to make payment to the Engineer in a timely manner.
  - 3. Any material contract breach by the Local Agency.

#### **ARTICLE XIV - DECISIONS UNDER THIS CONTRACT**

The Local Agency will determine the acceptability of work performed under this contract, and will decide all questions which may arise concerning the project. The Local Agency's decision shall be final and conclusive.

#### **ARTICLE XV - SUCCESSORS AND ASSIGNS**

The Local Agency and the Engineer agree that this contract and all contracts entered into under the provisions of this contract shall be binding upon the parties hereto and their successors and assigns.

## **ARTICLE XVI - COMPLIANCE WITH LAWS**

The Engineer shall comply with all federal, state, and local laws, ordinances, and regulations applicable to the work, including but not limited to Title VI and Title VII of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d, 2000e), as well as with any applicable titles of the Americans with Disabilities Act (42 U.S.C. 12101, et seq.) and non-discrimination clauses incorporated herein, and shall procure all licenses and permits necessary for the fulfillment of obligations under this contract.

## **ARTICLE XVII - RESPONSIBILITY FOR CLAIMS AND LIABILITY**

The Engineer agrees to save harmless the Local Agency, MoDOT and FHWA from all claims and liability due to his negligent acts or the negligent acts of his employees, agents or subcontractors.

## **ARTICLE XVIII - NONDISCRIMINATION**

The Engineer, with regard to the work performed by it after award and prior to completion of the contract work, will not discriminate on the ground of race, color or national origin in the selection and retention of subcontractors. The Engineer will comply with state and federal related to nondiscrimination, including but not limited to Title VI and Title VII of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d, 2000e), as well as with any applicable titles of the Americans with Disabilities Act (42 U.S.C. 12101, et seq.). More specifically, the Engineer will comply with the regulations of the Department of Transportation relative to nondiscrimination in federally assisted programs of the Department of Transportation, as contained in 49 CFR 21 through Appendix H and 23 CFR 710.405 which are herein incorporated by reference and made a part of this contract. In all solicitations either by competitive bidding or negotiation made by the Engineer for work to be performed under a subcontract, including procurements of materials or equipment, each potential subcontractor or supplier shall be notified by the Engineer's obligations under this contract and the regulations relative to non-discrimination on the ground of color, race or national origin.

## **ARTICLE XIX – LOBBY CERTIFICATION**

CERTIFICATION ON LOBBYING: Since federal funds are being used for this agreement, the Engineer's signature on this agreement constitutes the execution of all certifications on lobbying which are required by 49 C.F.R. Part 20 including Appendix A and B to Part 20. Engineer agrees to abide by all certification or disclosure requirements in 49 C.F.R. Part 20 which are incorporated herein by reference.

## **ARTICLE XX – INSURANCE**

- A. The Engineer shall maintain commercial general liability, automobile liability, and worker's compensation and employer's liability insurance in full force and effect to protect the Engineer from claims under Worker's Compensation Acts, claims for damages for personal injury or death, and for damages to property arising from the negligent acts, errors, or omissions of the Engineer and its employees, agents, and Subconsultants in the performance of the services covered by this Agreement, including, without limitation, risks insured against in commercial general liability policies.

- B. The Engineer shall also maintain professional liability insurance to protect the Engineer against the negligent acts, errors, or omissions of the Engineer and those for whom it is legally responsible, arising out of the performance of professional services under this Agreement.
- C. The Engineer's insurance coverage shall be for not less than the following limits of liability:
  - 1. Commercial General Liability: \$500,000 per person up to \$3,000,000 per occurrence;
  - 2. Automobile Liability: \$500,000 per person up to \$3,000,000 per occurrence;
  - 3. Worker's Compensation in accordance with the statutory limits; and Employer's Liability: \$1,000,000; and
  - 4. Professional ("Errors and Omissions") Liability: \$1,000,000, each claim and in the annual aggregate.
- D. The Engineer shall, upon request at any time, provide the Local Agency with certificates of insurance evidencing the Engineer's commercial general or professional liability ("Errors and Omissions") policies and evidencing that they and all other required insurance are in effect as to the services under this Agreement.
- E. Any insurance policy required as specified in (ARTICLE XX) shall be written by a company which is incorporated in the United States of America or is based in the United States of America. Each insurance policy must be issued by a company authorized to issue such insurance in the State of Missouri.

## **ARTICLE XXI - ATTACHMENTS**

The following exhibits are attached hereto and are hereby made part of this contract:

Attachment A – Scope of Service

Attachment B - Estimate of Cost

Attachment C - Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions.

Attachment D - Certification Regarding Debarment, Suspension, and Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions.

Attachment E – DBE Contract Provisions

Attachment F – Fig. 136.4.15 Conflict of Interest Disclosure Form





## SCOPE OF SERVICES

### TAP-9900(272) – N. MORLEY STREET SIDEWALK IMPROVEMENTS – PHASE 1 MOBERLY, MO

#### Background

This project is located along Business 63 (North Morley Street) at the intersection of State Highway 24. The project includes the design and construction of ADA compliant sidewalks and pedestrian signals at the intersection of Bus. 63 and Highway 24 along with new sidewalk extensions to the north and south along Morley Street.

#### Scope of Services

The Engineer will perform the following tasks in relation to the project:

1. Data Collection and Surveys
  - 1.1. Topographic, Utility & Boundary Survey (provided by subconsultant) to include the following tasks.
    - 1.1.1. Establish Horizontal and Vertical Control
    - 1.1.2. Utility Locate Request and Field Survey
    - 1.1.3. Boundary Survey Records Research/Plot/Basemap
    - 1.1.4. Perform Topographic Survey
    - 1.1.5. Recover Property Monuments to Establish Right of Way
    - 1.1.6. Create Topographic Survey Basemap
    - 1.1.7. Subconsultant QA/QC Review
  - 1.2. Internal QA/QC reviews including field check to verify survey data.
  - 1.3. Project administration, coordination, and invoicing (including subconsultant contract administration).
2. Preliminary Design Services
  - 2.1. Develop sidewalk geometry and curb ramps for area noted in scope exhibit.
  - 2.2. Develop preliminary plans for the proposed improvements. Construction drawings will be prepared on 22" x 34" size sheets. The scale shall be as determined to be appropriate but will likely be 1"=20'. The preliminary submittal is anticipated to include:
    - 2.2.1. Cover Sheet
    - 2.2.2. Typical Sections (1 sheet assumed)
    - 2.2.3. Plan and Profile Sheets (2 sheets assumed)
    - 2.2.4. Side Road and Driveway Profiles (1 sheet assumed)
    - 2.2.5. Signal Layout (1 sheet assumed)
    - 2.2.6. Add Alternate A (south ~ 300') (1 sheet assumed)
    - 2.2.7. Add Alternate B (north ~ 275') (1 sheet assumed)
  - 2.3. Calculate quantities, estimate of probable construction cost and tabulation of quantities.
  - 2.4. Submit a PDF of preliminary plans to City and MoDOT.
  - 2.5. Prepare and submit Request for Environmental Review (RER) to MoDOT.
    - 2.5.1. Cultural Resource Survey (provided by subconsultant).
  - 2.6. Submit a PDF of preliminary plans to utility companies. Solicit and review relocation plans from impacted utilities. (assumes no on-site meetings)

- 2.7. Internal QA/QC reviews.
  - 2.8. Project administration, coordination, and invoicing (including subconsultant contract administration).
3. Right of Way Design Services
    - 3.1. Address comments from the City, MoDOT, and utility companies and develop right of way plans. The plans are anticipated to include:
      - 3.1.1. Cover Sheet
      - 3.1.2. Typical Sections (1 sheet assumed)
      - 3.1.3. Plan and Profile Sheets (2 sheets assumed)
      - 3.1.4. Side Road and Driveway Profiles (1 sheet assumed)
      - 3.1.5. Signal Layout (1 sheet assumed)
      - 3.1.6. Add Alternate A (south ~ 300') (1 sheet assumed)
      - 3.1.7. Add Alternate B (north ~ 275') (1 sheet assumed)
    - 3.2. Calculate quantities, estimate of probable construction cost and tabulation of quantities.
    - 3.3. Develop temporary easement linework.
    - 3.4. Develop Easements/Exhibits for 9 tracts (provided by subconsultant).
    - 3.5. Update and submit Request for Environmental Review (RER) to MoDOT.
    - 3.6. Revise plans based on MoDOT Environmental Section review.
    - 3.7. Submit a PDF of right of way plans to City and MoDOT.
    - 3.8. Prepare A-Date request for City to submit to MoDOT.
    - 3.9. Internal QA/QC reviews.
    - 3.10. Project administration, coordination, and invoicing (including subconsultant contract administration).
  4. Easement Acquisition Services – Not included in this Scope of Work
    - 4.1. No easement acquisition assistance is included in this scope of services.
    - 4.2. No staking of proposed easements is included in this scope of services.
  5. Final Design Services
    - 5.1. Address comments from the City and MoDOT and develop final plans. The plans are anticipated to include:
      - 5.1.1. Cover Sheet
      - 5.1.2. Typical Sections (1 sheet assumed)
      - 5.1.3. Project Control (1 sheet assumed)
      - 5.1.4. Plan and Profile Sheets (2 sheets assumed)
      - 5.1.5. Side Road and Driveway Profiles (1 sheet assumed)
      - 5.1.6. Traffic Signal Sheets (4 sheets assumed)
      - 5.1.7. Add Alternate A (south ~ 300') (1 sheet assumed)
      - 5.1.8. Add Alternate B (north ~ 275') (1 sheet assumed)
      - 5.1.9. Erosion Control Plans (1 sheet assumed)
      - 5.1.10. Traffic Control Plans (2 sheets assumed)
      - 5.1.11. Cross Sections (3 sheets assumed)
    - 5.2. Calculate quantities, estimate of probable construction cost and tabulation of quantities.
    - 5.3. Develop job special provisions and front end documents. Assumes the use of MoDOT standard specifications and bidding documents edited by the Engineer.

- 5.4. Submit plans, specifications and bid documents to the City and MoDOT. Provide the plans and specifications in PDF format.
  - 5.5. Submit a PDF of final plans to utility companies. Solicit and review relocation plans from impacted utilities. (assumes no on-site meetings).
  - 5.6. Revise documents to incorporate modifications from negotiations with property owners and review comments from utilities, MoDOT, and the City.
  - 5.7. Submit final signed and sealed plans to the City and MoDOT. The plans will be submitted as PDFs.
  - 5.8. Internal QA/QC reviews.
  - 5.9. Project administration, project updates, coordination, and invoicing during this phase of work.
6. Bidding Phase Services
- 6.1. Request authority to advertise from MoDOT.
  - 6.2. Assist the City with advertising the Advertisement for Bids in local newspaper. The City is to pay for all advertising fees.
  - 6.3. Administer the distribution of bidding documents to prospective bidders. Engineer will use a print shop such as American Document Solutions of Columbia, Missouri, to print and ship documents and send out addenda. Engineer will not sell documents or provide refunds for returned documents.
  - 6.4. Address bidder questions regarding the plans and contract documents. (assumes no on-site prebid meeting)
  - 6.5. Prepare and issue addenda and provide supplemental information or clarification, as appropriate, to interpret, clarify or expand the bidding documents to all prospective bidders during the bidding process. (assumes 1 addendum)
  - 6.6. Facilitate bid opening, prepare the bid tabulation sheets, assist the City in evaluating the bids and the contract award. (assumes 1 attending)
  - 6.7. Submit request for concurrence in award to MoDOT.
  - 6.8. Project administration, project updates, coordination, and invoicing during this phase of work.
7. Construction Phase Services
- 7.1. Conduct preconstruction conference. Compile and distribute meeting minutes. (assumes 2 attending)
  - 7.2. Submittal and shop drawing reviews.
  - 7.3. Provide construction contract administration, coordination, and documentation per MoDOT LPA requirements. (assumes 12 weeks duration, 8 hours per week)
  - 7.4. Perform part time construction observation per MoDOT LPA requirements. (assumes 12 week duration, 3 visits per week, 8 hour per visit including preparation and travel time)
  - 7.5. Monthly on-site progress meetings and quality assurance review. (assumes 3 meetings/trips throughout project duration)
  - 7.6. Subconsultant to perform material testing per MoDOT LPA requirements. Subconsultant Contract Management.
  - 7.7. Office assistance with plan/specification clarifications during construction. (assumes 1 hour per week for 12 week duration)
  - 7.8. Conduct final walkthrough with City, MoDOT, and Contractor. (assumes 2 attending)

- 7.9. Assist the City in project closeout per MoDOT LPA requirements.
- 7.10. Project administration, project updates, coordination, and invoicing during this phase of work.

Services Not Included

1. Geotechnical investigation.
2. Lighting design services.
3. Unforeseen permitting fees not included in the scope of work.
4. Appraisal services.
5. Easement and right of way acquisition services.
6. Attendance of meeting in excess of those included in the scope of work.
7. Additional hard copies of documents beyond what is listed in this scope of work.
8. Rebidding of project for any reason including costs exceeding the available budget.
9. Full-time observation during construction.
10. Staking or survey during construction.
11. As-built or record drawings.
12. Services resulting from significant changes in the scope, extent, or character of the project.
13. Serving as a Consultant or witness for the Client in any litigation, arbitration, condemnation and/or other dispute resolution process related to the project.

**PROFESSIONAL SERVICES FEE ESTIMATE**

**N. MORLEY STREET SIDEWALK IMPROVEMENTS - PHASE 1  
MOBERLY, MO  
BARTLETT & WEST PROJECT NO. 19254.044**

| Tasks     |  | Labor Category & Hourly Rate |           |           |           |          |          | Direct Labor Cost | Labor + O.H. + Fixed Fee Cost | Other Direct Costs          |                   | Task Total Cost    |
|-----------|--|------------------------------|-----------|-----------|-----------|----------|----------|-------------------|-------------------------------|-----------------------------|-------------------|--------------------|
|           |  | E-VII                        | E-V       | E-I       | ET-II     | CT-IX    | AT-IV    |                   |                               | Item                        | Cost              |                    |
|           |  | \$60.00                      | \$52.00   | \$38.00   | \$32.00   | \$61.00  | \$26.00  |                   |                               |                             |                   |                    |
| <b>1.</b> | <b>DATA COLLECTION AND SURVEYS</b>   | <b>0</b>                     | <b>5</b>  | <b>6</b>  | <b>0</b>  | <b>0</b> | <b>1</b> | <b>\$514.00</b>   | <b>\$1,635.80</b>             |                             | <b>\$13,214</b>   | <b>\$14,849.92</b> |
| 1.1       | Topographic, Utility & Boundary Survey (provided by subconsultant) to include the following tasks.   |                              |           |           |           |          |          | \$0.00            | \$0.00                        | Civil Design, Inc.          | \$13,114.12       | \$13,114.12        |
| 1.1.1     | Establish Horizontal and Vertical Control  |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 1.1.2     | Utility Locate Request and Field Survey  |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 1.1.3     | Boundary Survey Records Research/Plot/Basemap  |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 1.1.4     | Perform Topographic Survey   |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 1.1.5     | Recover Property Monuments to Establish Right of Way   |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 1.1.6     | Create Topographic Survey Basemap  |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 1.1.7     | Subconsultant QA/QC Review   |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 1.2       | Internal QA/QC reviews including field check to verify survey data.  |                              | 1         | 6         |           |          |          | \$280.00          | \$891.10                      | Mileage (\$0.67/mi), Prints | \$100.00          | \$991.10           |
| 1.3       | Project administration, coordination, and invoicing (including subconsultant contract administration).   |                              | 4         |           |           |          | 1        | \$234.00          | \$744.70                      |                             |                   | \$744.70           |
| <b>2.</b> | <b>PRELIMINARY DESIGN SERVICES</b>   | <b>2</b>                     | <b>34</b> | <b>85</b> | <b>30</b> | <b>0</b> | <b>2</b> | <b>\$6,130.00</b> | <b>\$19,508.69</b>            |                             | <b>\$4,430.00</b> | <b>\$23,938.69</b> |
| 2.1       | Develop sidewalk geometry and curb ramps for area noted in scope exhibit.  |                              | 4         | 24        |           |          |          | \$1,120.00        | \$3,564.39                    |                             |                   | \$3,564.39         |
| 2.2       | Develop preliminary plans for the proposed improvements. Construction drawings will be prepared on 22" x 34" size sheets. The scale shall be as determined to be appropriate but will likely be 1"=20'. The preliminary submittal is anticipated to include: |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 2.2.1     | Cover Sheet  |                              | 1         | 4         |           |          |          | \$204.00          | \$649.23                      |                             |                   | \$649.23           |
| 2.2.2     | Typical Sections (1 sheet assumed)   |                              | 1         | 4         | 2         |          |          | \$268.00          | \$852.91                      |                             |                   | \$852.91           |
| 2.2.3     | Plan and Profile Sheets (2 sheets assumed)   |                              | 4         | 12        | 12        |          |          | \$1,048.00        | \$3,335.25                    |                             |                   | \$3,335.25         |
| 2.2.4     | Side Road and Driveway Profiles (1 sheet assumed)  |                              | 2         | 8         |           |          |          | \$408.00          | \$1,298.46                    |                             |                   | \$1,298.46         |
| 2.2.5     | Signal Layout (1 sheet assumed)  |                              | 8         | 12        |           |          |          | \$872.00          | \$2,775.13                    |                             |                   | \$2,775.13         |
| 2.2.6     | Add Alternate A (south ~ 300') (1 sheet assumed)   |                              | 2         | 6         | 6         |          |          | \$524.00          | \$1,667.63                    |                             |                   | \$1,667.63         |
| 2.2.7     | Add Alternate B (north ~ 275') (1 sheet assumed)   |                              | 2         | 6         | 6         |          |          | \$524.00          | \$1,667.63                    |                             |                   | \$1,667.63         |
| 2.3       | Calculate quantities, estimate of probable construction cost and tabulation of quantities.   |                              | 2         | 4         | 4         |          |          | \$384.00          | \$1,222.08                    |                             |                   | \$1,222.08         |
| 2.4       | Submit a PDF of preliminary plans to City and MoDOT.   |                              | 1         | 1         |           |          |          | \$90.00           | \$286.42                      |                             |                   | \$286.42           |
| 2.5       | Prepare and submit Request for Environmental Review (RER) to MoDOT.  |                              | 1         | 2         |           |          |          | \$128.00          | \$407.36                      |                             |                   | \$407.36           |
| 2.5.1     | Cultural Resource Survey (provided by subconsultant)   |                              |           |           |           |          |          | \$0.00            | \$0.00                        | Trileaf Corporation         | \$4,430.00        | \$4,430.00         |
| 2.6       | Submit a PDF of preliminary plans to utility companies. Solicit and review relocation plans from impacted utilities. (assumes no on-site meetings)   |                              | 2         | 2         |           |          |          | \$180.00          | \$572.85                      |                             |                   | \$572.85           |
| 2.7       | Internal QA/QC reviews.  | 2                            |           |           |           |          |          | \$120.00          | \$381.90                      |                             |                   | \$381.90           |
| 2.8       | Project administration, project updates, coordination, and invoicing during this phase of work.  |                              | 4         |           |           |          | 2        | \$260.00          | \$827.45                      |                             |                   | \$827.45           |
| <b>3.</b> | <b>RIGHT OF WAY DESIGN SERVICES</b>  | <b>2</b>                     | <b>26</b> | <b>40</b> | <b>19</b> | <b>0</b> | <b>2</b> | <b>\$3,652.00</b> | <b>\$11,622.47</b>            |                             | <b>\$5,508.96</b> | <b>\$17,131.43</b> |
| 3.1       | Address comments from the City, MoDOT, and utility companies and develop right of way plans. The plans are anticipated to include:   |                              |           |           |           |          |          | \$0.00            | \$0.00                        |                             |                   | \$0.00             |
| 3.1.1     | Cover Sheet  |                              |           | 1         |           |          |          | \$38.00           | \$120.93                      |                             |                   | \$120.93           |
| 3.1.2     | Typical Sections (1 sheet assumed)   |                              |           | 2         | 1         |          |          | \$108.00          | \$343.71                      |                             |                   | \$343.71           |
| 3.1.3     | Plan and Profile Sheets (2 sheets assumed)   |                              | 4         | 8         | 8         |          |          | \$768.00          | \$2,444.16                    |                             |                   | \$2,444.16         |

| Tasks     |  | Labor Category & Hourly Rate |           |            |           |          |          | Direct Labor Cost  | Labor + O.H. + Fixed Fee Cost | Other Direct Costs |               | Task Total Cost    |
|-----------|--|------------------------------|-----------|------------|-----------|----------|----------|--------------------|-------------------------------|--------------------|---------------|--------------------|
|           |  | E-VII                        | E-V       | E-I        | ET-II     | CT-IX    | AT-IV    |                    |                               | Item               | Cost          |                    |
|           |  | \$60.00                      | \$52.00   | \$38.00    | \$32.00   | \$61.00  | \$26.00  |                    |                               |                    |               |                    |
| 3.1.4     | Side Road and Driveway Profiles (1 sheet assumed)  |                              | 1         | 4          |           |          |          | \$204.00           | \$649.23                      |                    |               | \$649.23           |
| 3.1.5     | Signal Layout (1 sheet assumed)  |                              | 4         | 4          |           |          |          | \$360.00           | \$1,145.70                    |                    |               | \$1,145.70         |
| 3.1.6     | Add Alternate A (south ~ 300') (1 sheet assumed)   |                              | 2         | 4          | 4         |          |          | \$384.00           | \$1,222.08                    |                    |               | \$1,222.08         |
| 3.1.7     | Add Alternate B (north ~ 275') (1 sheet assumed)   |                              | 2         | 4          | 4         |          |          | \$384.00           | \$1,222.08                    |                    |               | \$1,222.08         |
| 3.2       | Calculate quantities, estimate of probable construction cost and tabulation of quantities.   |                              | 2         | 4          | 2         |          |          | \$320.00           | \$1,018.40                    |                    |               | \$1,018.40         |
| 3.3       | Develop temporary easement linework.   |                              | 1         | 2          |           |          |          | \$128.00           | \$407.36                      |                    |               | \$407.36           |
| 3.4       | Develop Easements/Exhibits for 9 tracts (provided by subconsultant).   |                              |           |            |           |          |          | \$0.00             | \$0.00                        | Civil Design, Inc. | \$5,508.96    | \$5,508.96         |
| 3.5       | Update and submit Request for Environmental Review (RER) to MoDOT.   |                              | 2         | 2          |           |          |          | \$180.00           | \$572.85                      |                    |               | \$572.85           |
| 3.6       | Revise plans based on MoDOT Environmental Section review.  |                              | 2         | 4          |           |          |          | \$256.00           | \$814.72                      |                    |               | \$814.72           |
| 3.7       | Submit a PDF of right of way plans to City and MoDOT.  |                              | 1         | 1          |           |          |          | \$90.00            | \$286.42                      |                    |               | \$286.42           |
| 3.8       | Prepare A-Date request for City to submit to MoDOT.  |                              | 1         |            |           |          |          | \$52.00            | \$165.49                      |                    |               | \$165.49           |
| 3.9       | Internal QA/QC reviews.  | 2                            |           |            |           |          |          | \$120.00           | \$381.90                      |                    |               | \$381.90           |
| 3.10      | Project administration, project updates, coordination, and invoicing during this phase of work.  |                              | 4         |            |           |          | 2        | \$260.00           | \$827.45                      |                    |               | \$827.45           |
| <b>4.</b> | <b>EASEMENT ACQUISITION SERVICES - NOT INCLUDED IN THIS SCOPE OF WORK</b>  | <b>0</b>                     | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>0</b> | <b>0</b> | <b>\$0.00</b>      | <b>\$0.00</b>                 |                    | <b>\$0.00</b> | <b>\$0.00</b>      |
| 4.1       | No easement acquisition assistance is included in this scope of services.  |                              |           |            |           |          |          | \$0.00             | \$0.00                        |                    |               | \$0.00             |
| 4.2       | No staking of proposed easements is included in this scope of services.  |                              |           |            |           |          |          | \$0.00             | \$0.00                        |                    |               | \$0.00             |
| <b>5.</b> | <b>FINAL DESIGN SERVICES</b>   | <b>4</b>                     | <b>63</b> | <b>169</b> | <b>29</b> | <b>0</b> | <b>2</b> | <b>\$10,918.00</b> | <b>\$34,746.47</b>            |                    | <b>\$0.00</b> | <b>\$34,746.47</b> |
| 5.1       | Address comments from the City and MoDOT and develop final plans. The plans are anticipated to include:  |                              |           |            |           |          |          | \$0.00             | \$0.00                        |                    |               | \$0.00             |
| 5.1.1     | Cover Sheet  |                              |           | 1          |           |          |          | \$38.00            | \$120.93                      |                    |               | \$120.93           |
| 5.1.2     | Typical Sections (1 sheet assumed)   |                              |           | 1          | 1         |          |          | \$70.00            | \$222.77                      |                    |               | \$222.77           |
| 5.1.3     | Project Control (1 sheet assumed)  |                              | 1         | 2          |           |          |          | \$128.00           | \$407.36                      |                    |               | \$407.36           |
| 5.1.4     | Plan and Profile Sheets (2 sheets assumed)   |                              | 6         | 20         | 12        |          |          | \$1,456.00         | \$4,633.71                    |                    |               | \$4,633.71         |
| 5.1.5     | Side Road and Driveway Profiles (1 sheet assumed)  |                              | 1         | 4          |           |          |          | \$204.00           | \$649.23                      |                    |               | \$649.23           |
| 5.1.6     | Traffic Signal Sheets (4 sheets assumed)   |                              | 12        | 32         |           |          |          | \$1,840.00         | \$5,855.79                    |                    |               | \$5,855.79         |
| 5.1.7     | Add Alternate A (south ~ 300') (1 sheet assumed)   |                              | 3         | 10         | 6         |          |          | \$728.00           | \$2,316.86                    |                    |               | \$2,316.86         |
| 5.1.8     | Add Alternate B (north ~ 275') (1 sheet assumed)   |                              | 3         | 10         | 6         |          |          | \$728.00           | \$2,316.86                    |                    |               | \$2,316.86         |
| 5.1.9     | Erosion Control Plans (1 sheet assumed)  |                              | 1         |            | 4         |          |          | \$180.00           | \$572.85                      |                    |               | \$572.85           |
| 5.1.10    | Traffic Control Plans (2 sheets assumed)   |                              | 4         | 12         |           |          |          | \$664.00           | \$2,113.18                    |                    |               | \$2,113.18         |
| 5.1.11    | Cross Sections (3 sheets assumed)  |                              | 4         | 16         |           |          |          | \$816.00           | \$2,596.91                    |                    |               | \$2,596.91         |
| 5.2       | Calculate quantities, estimate of probable construction cost and tabulation of quantities.   |                              | 6         | 8          |           |          |          | \$616.00           | \$1,960.42                    |                    |               | \$1,960.42         |
| 5.3       | Develop job special provisions and front end documents. Assumes the use of MoDOT standard specifications and bidding documents edited by the Engineer. |                              | 8         | 32         |           |          |          | \$1,632.00         | \$5,193.83                    |                    |               | \$5,193.83         |
| 5.4       | Submit plans, specifications and bid documents to the City and MoDOT. Provide the plans and specifications in PDF format.                              |                              | 2         | 2          |           |          |          | \$180.00           | \$572.85                      |                    |               | \$572.85           |
| 5.5       | Submit a PDF of final plans to utility companies. Solicit and review relocation plans from impacted utilities. (assumes no on-site meetings).          |                              | 2         | 2          |           |          |          | \$180.00           | \$572.85                      |                    |               | \$572.85           |
| 5.6       | Revise documents to incorporate modifications from negotiations with property owners and review comments from utilities, MoDOT, and the City.          |                              | 4         | 16         |           |          |          | \$816.00           | \$2,596.91                    |                    |               | \$2,596.91         |
| 5.7       | Submit final signed and sealed plans to the City and MoDOT. The plans will be submitted as PDFs.   |                              | 2         | 1          |           |          |          | \$142.00           | \$451.91                      |                    |               | \$451.91           |
| 5.8       | Internal QA/QC reviews.  | 4                            |           |            |           |          |          | \$240.00           | \$763.80                      |                    |               | \$763.80           |
| 5.9       | Project administration, project updates, coordination, and invoicing during this phase of work.  |                              | 4         |            |           |          | 2        | \$260.00           | \$827.45                      |                    |               | \$827.45           |

| Tasks     |  | Labor Category & Hourly Rate |           |          |            |            |          | Direct Labor Cost         | Labor + O.H. + Fixed Fee Cost | Other Direct Costs          |                   | Task Total Cost     |
|-----------|--|------------------------------|-----------|----------|------------|------------|----------|---------------------------|-------------------------------|-----------------------------|-------------------|---------------------|
|           |  | E-VII                        | E-V       | E-I      | ET-II      | CT-IX      | AT-IV    |                           |                               | Item                        | Cost              |                     |
|           |  | \$60.00                      | \$52.00   | \$38.00  | \$32.00    | \$61.00    | \$26.00  |                           |                               |                             |                   |                     |
| <b>6.</b> | <b>BIDDING PHASE SERVICES</b>  | <b>0</b>                     | <b>20</b> | <b>2</b> | <b>0</b>   | <b>0</b>   | <b>1</b> | <b>\$1,142.00</b>         | <b>\$3,634.41</b>             |                             | <b>\$125.00</b>   | <b>\$3,759.41</b>   |
| 6.1       | Request authority to advertise from MoDOT.   |                              | 1         |          |            |            |          | \$52.00                   | \$165.49                      |                             |                   | \$165.49            |
| 6.2       | Assist the City with advertising the Advertisement for Bids in local newspaper. The City is to pay for all advertising fees.   |                              | 3         |          |            |            |          | \$156.00                  | \$496.47                      |                             |                   | \$496.47            |
| 6.3       | Administer the distribution of bidding documents to prospective bidders. Engineer will use a print shop such as American Document Solutions of Columbia, Missouri, to print and ship documents and send out addenda. Engineer will not sell documents or provide refunds for returned documents. |                              | 2         |          |            |            |          | \$104.00                  | \$330.98                      |                             |                   | \$330.98            |
| 6.4       | Address bidder questions regarding the plans and contract documents. (assumes no on-site prebid meeting)   |                              | 4         |          |            |            |          | \$208.00                  | \$661.96                      |                             |                   | \$661.96            |
| 6.5       | Prepare and issue addenda and provide supplemental information or clarification, as appropriate, to interpret, clarify or expand the bidding documents to all prospective bidders during the bidding process. (assumes 1 addendum)   |                              | 2         | 2        |            |            |          | \$180.00                  | \$572.85                      |                             |                   | \$572.85            |
| 6.6       | Facilitate bid opening, prepare the bid tabulation sheets, assist the City in evaluating the bids and the contract award. (assumes 1 attending)  |                              | 4         |          |            |            |          | \$208.00                  | \$661.96                      | Mileage (\$0.67/mi), Prints | \$125.00          | \$786.96            |
| 6.7       | Submit request for concurrence in award to MoDOT.  |                              | 2         |          |            |            |          | \$104.00                  | \$330.98                      |                             |                   | \$330.98            |
| 6.8       | Project administration, project updates, coordination, and invoicing during this phase of work.  |                              | 2         |          |            |            | 1        | \$130.00                  | \$413.72                      |                             |                   | \$413.72            |
| <b>7.</b> | <b>CONSTRUCTION PHASE SERVICES - ADMINISTRATION &amp; PARTIAL OBSERVATION</b>  | <b>0</b>                     | <b>24</b> | <b>0</b> | <b>328</b> | <b>138</b> | <b>4</b> | <b>\$20,266.00</b>        | <b>\$64,496.42</b>            |                             | <b>\$4,790.00</b> | <b>\$69,286.42</b>  |
| 7.1       | Conduct preconstruction conference. Compile and distribute meeting minutes. (assumes 2 attending)  |                              |           |          | 6          | 6          |          | \$558.00                  | \$1,775.83                    | Mileage (\$0.67/mi), Prints | \$120.00          | \$1,895.83          |
| 7.2       | Submittal and shop drawing reviews.  |                              |           |          |            | 6          |          | \$366.00                  | \$1,164.79                    |                             |                   | \$1,164.79          |
| 7.3       | Provide construction contract administration, coordination, and documentation per MoDOT LPA requirements. (assumes 12 weeks duration, 8 hours per week)  |                              |           |          |            | 96         |          | \$5,856.00                | \$18,636.68                   |                             |                   | \$18,636.68         |
| 7.4       | Perform part time construction observation per MoDOT LPA requirements. (assumes 12 week duration, 3 visits per week, 8 hour per visit including preparation and travel time)   |                              |           |          | 288        |            |          | \$9,216.00                | \$29,329.86                   | Mileage (\$0.67/mi)         | \$3,600.00        | \$32,929.86         |
| 7.5       | Monthly on-site progress meetings and quality assurance review. (assumes 3 meetings/trips throughout project duration)   |                              |           |          | 24         | 24         |          | \$2,232.00                | \$7,103.33                    | Mileage (\$0.67/mi), Prints | \$300.00          | \$7,403.33          |
| 7.6       | Subconsultant to perform material testing per MoDOT LPA requirements. Subconsultant Contract Management.   |                              |           |          |            | 2          |          | \$122.00                  | \$388.26                      | Material Testing            | \$670.00          | \$1,058.26          |
| 7.7       | Office assistance with plan/specification clarifications during construction. (assumes 1 hour per week for 12 week duration)   |                              | 12        |          |            |            |          | \$624.00                  | \$1,985.88                    |                             |                   | \$1,985.88          |
| 7.8       | Conduct final walkthrough with City, MoDOT, and Contractor. (assumes 2 attending)  |                              |           |          | 4          | 4          |          | \$372.00                  | \$1,183.89                    | Mileage (\$0.67/mi), Prints | \$100.00          | \$1,283.89          |
| 7.9       | Assist the City in project closeout per MoDOT LPA requirements.  |                              | 4         |          | 6          |            |          | \$400.00                  | \$1,273.00                    |                             |                   | \$1,273.00          |
| 7.10      | Project administration, project updates, coordination, and invoicing during this phase of work.  |                              | 8         |          |            |            | 4        | \$520.00                  | \$1,654.90                    |                             |                   | \$1,654.90          |
|           |  |                              |           |          |            |            |          | <b>DIRECT LABOR COST</b>  |                               |                             |                   | <b>\$42,622.00</b>  |
|           |  |                              |           |          |            |            |          | <b>OVERHEAD</b>           |                               | <b>178.19%</b>              |                   | <b>\$75,948.14</b>  |
|           |  |                              |           |          |            |            |          | <b>DIRECT SALARY COST</b> |                               |                             |                   | <b>\$118,570.14</b> |
|           |  |                              |           |          |            |            |          | <b>FIXED FEE</b>          |                               | <b>14.40%</b>               |                   | <b>\$17,074.10</b>  |
|           |  |                              |           |          |            |            |          | <b>OTHER DIRECT COSTS</b> |                               |                             |                   | <b>\$28,068.08</b>  |
|           |  |                              |           |          |            |            |          | <b>TOTAL</b>              |                               |                             |                   | <b>\$163,712.32</b> |





**Project Name:** Morley TAP Sidewalk Moberly, Mo  
**Project Number:** R6798.01  
**Subject:** Topographic, Utility, and Right of Way Survey  
**Date:** 4/19/2024

**Prepared By:**  
CF  
**Checked By:**  
PG

|   | Land Surveyor II | Land Surveyor I | Survey Tech II | Survey Tech II | Total Hours | Labor Costs       | Direct Costs       | Direct Cost Comments              |
|---|------------------|-----------------|----------------|----------------|-------------|-------------------|--------------------|-----------------------------------|
| <b>I. SURVEY PHASE</b>                                  |                  |                 |                |                |             |                   |                    |                                   |
| <b>A. TOPOGRAPHIC AND BOUNDARY SURVEY</b>               |                  |                 |                |                |             |                   |                    |                                   |
| 1 Establish Horizontal and Vertical Control             |                  |                 | 3              | 3              | 6           | 171.90            | 10.72              | \$0.67/mile (16 miles)            |
| 2 Utility Locate Request and Field Survey               |                  |                 | 2              | 1              | 3           | 90.10             | 10.72              | \$0.67/mile (16 miles)            |
| 3 Boundary Survey Records Research/Plot/Basemap         |                  | 2               | 32             |                | 34          | 1,144.64          | 60.00              | research (see note 1)             |
| 4 Perform Topographic Survey                            |                  |                 | 32             | 32             | 64          | 1,833.60          | 128.64             | \$0.67/mile (192 miles)           |
| 5 Recover Property Monuments to Establish ROW           |                  |                 | 4              | 4              | 8           | 229.20            | 128.64             | \$0.67/mile (176 miles)           |
| 6 Create Topographic Survey Basemap                     |                  |                 | 8              | 10             | 18          | 507.40            |                    |                                   |
| 7 QA/QC Review  | 1                | 1               |                |                | 2           | 120.92            |                    |                                   |
| 8 Lodging and Per Diem (\$157/day/person)               |                  |                 |                |                | 0           | 0.00              | 1,570.00           | Lodging and Per diem (see note 3) |
| 9 Create Easement Descriptions and Exhibits (9 parcels) | 4                |                 | 45             | 10             | 59          | 2,014.60          |                    |                                   |
| <b>Survey Subtotal</b>                                  | <b>5</b>         | <b>3</b>        | <b>126</b>     | <b>60</b>      | <b>194</b>  | <b>\$6,112.36</b> | <b>\$1,908.72</b>  |                                   |
|   |                  |                 |                |                |             | <b>Labor Cost</b> | <b>Direct Cost</b> |                                   |
| <b>SURVEY PHASE TOTALS</b>                              | <b>5</b>         | <b>3</b>        | <b>126</b>     | <b>60</b>      | <b>194</b>  | <b>6,112.36</b>   | <b>1,908.72</b>    |                                   |

Direct Labor Cost \$6,112.36  
 Overhead (139.87%) \$8,549.36  
 Fixed Fee (14%) \$2,052.64

**Direct Cost Total \$1,908.72**  
**Project Total \$18,623.08**

**Notes & Assumptions:**

- (1) Title Searches completed by title company on an "As-Needed" basis using a set cost of \$500 per property. Assume 9 reports for a total of \$4,500.
- (2) No construction staking or as-built survey included with this proposal.
- (3) Line 9 assumes the creation of easement descriptions and exhibits for 9 parcels.



1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 - [www.trileaf.com](http://www.trileaf.com)

April 15, 2024

**Bartlett & West**

Attn: Austin Johnson  
601 Monroe Street, Suite 201  
Jefferson City, MO 65101

**RE: Moberly, Missouri Sidewalk Improvements, Randolph County, Missouri.**

Dear Mr. Johnson,

Thank you for the opportunity to submit the following proposal to provide professional cultural resources services for the proposed Moberly, Missouri, Sidewalk Improvements Project in Moberly, Randolph County, Missouri. We believe Trileaf is uniquely suited to provide you these services for the following reasons:

- Highly trained, Secretary of the Interior (SOI)-qualified archaeologists are centrally located to complete this project efficiently and cost effectively.
- Our experienced staff understands and are prepared to handle any nuances and complexities that may arise during your project to maintain our promised timelines.
- Sean Stretton, M.S., RPA, will serve as Project Manager and Principal Investigator and has **15 years** of experience working in Missouri, including experience working as an archaeologist with both the Missouri Department of Transportation and Missouri State Parks.

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## PROPOSAL

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In response to the request for cultural resources services by Bartlett & West, Trileaf has prepared the following proposal for cultural resources services. The cultural resources survey will be limited to the area of direct effects (Direct APE) for the below referenced project in Randolph County, Missouri. The proposed project is understood by Trileaf to be the replacement and construction of new sidewalks on the east and west side of North Morley Street near the intersection of Highway 24 for a total linear distance of approximately 370-meters.

To identify archaeological artifacts and/or sites within this topographic setting, the proposed cultural resources survey strategy will necessitate systematic subsurface testing in the form of shovel test pits (STPs). As such, STPs will be excavated throughout the entirety of the APE-DE in no more than 15-meter intervals, in accordance with *The Archaeological Survey Standards of the Missouri State Historic Preservation Office*.

Based upon the information at hand, Trileaf proposes to complete the following tasks:

### ARCHAEOLOGICAL RECORDS CHECK AND LITERATURE REVIEW

Trileaf will conduct a literature review to collect data on known cultural resources with a one-mile radius of all elements associated with the current undertaking. The data collected will be limited to that available online from the Missouri State Historic Preservation Office (MOSHPO) Archaeology Viewer, as well as the SHPO site file holdings, as needed.

## PHASE I ARCHAEOLOGICAL SURVEY

Trileaf will conduct a Phase I archaeological survey for the project's defined area of direct effects, as described previously in this proposal. This work will incorporate appropriate methods of identification for both precontact and historical archaeological resources. The goals for Phase I Archaeological survey include:

- Identify archaeological resources within the Area of Potential Effect (APE) and document their specific archaeological contexts.
- To assess the potential for encountering intact soils and archaeological sites, shovel testing will be implemented throughout the APE-DE at no more than 15-meter intervals per MOSHPO guidelines.
- If possible, determine the eligibility of each archaeological resource for listing in the NRHP.
- Discuss eligibility/non-eligibility of minor and/or repetitiously occurring sites.
- Identify those archaeological resources that are recommended for additional testing to evaluate their NRHP eligibility.

Trileaf has made several assumptions regarding the completion of this archaeological survey. Our assumptions include:

- No formal consultation with SHPO will be required prior to survey.
- No more than two archaeological resources requiring recordation will be identified during the survey.
- No deep testing will be required.
- No more than two (2) days will be required for the completion of the Phase I investigations.
- No formal safety training or specialized safety PPE will be required.
- No special permitting will be required prior to initiating field surveys.
- No assessment of nearby architectural properties will be conducted
- Any artifacts recovered from private land will be returned to the landowners.
- Any artifacts recovered from public land may be subject to a curation agreement.

Survey Methods for the archaeological survey will include:

- Use of GPS devices during Phase I data collection and to provide UTM coordinates for all field datums, and site boundaries as needed.
- Field methods and reporting format consistent with the *Missouri Historic Preservation Office Archaeological Survey Standards*.

## PHASE I REPORTING

Trileaf will submit the following deliverables:

- One (1) electronic copy of the resulting cultural resources survey report in PDF format

## SCHEDULING

Trileaf proposes to mobilize a crew consisting of one (1) Field Director and one (1) Field Technician. Located approximately two (2) hours southeast of Moberly in Des Peres, MO, Trileaf's cultural resources team is prepared to mobilize for this project quickly and efficiently. Field work will commence within 10 business days from the receipt of Notice to Proceed. If no archaeological sites are located a final report will be submitted within 5 business days of the completion of fieldwork. In total the project shall not exceed 20 business days from the receipt of Notice to Proceed.

Sean Stretton, M.S., RPA, will serve as Principal Investigator for the archaeological investigations for this project. Mr. Stretton has successfully completed countless projects throughout Missouri and has been cleared by Osage Nation on all projects. Our experienced staff understands and are prepared to handle any nuances and complexities that may arise during your project to maintain our promised timelines.

## COST ESTIMATE

- Trileaf can perform the work described above for a lump sum of **\$2,400.00**.

As noted previously, this cost estimate is based upon several assumptions. If any of the assumptions listed above do not hold true, revisions to both the scope of work and provided cost estimate amount may be required.

We look forward to the opportunity to work with you in the successful completion of this project. If you have any questions or need additional information, please don't hesitate to contact me.

**CONCLUSION**

The proposal shall remain in effect for (90) days from the date of this document.

We would like to thank you for giving Trileaf Corporation the opportunity to present this proposal. If you have any questions or would like to discuss any portion of this proposal in more detail, please contact me at our office at any time. We look forward to working with you on this and many future projects.

Sincerely,

---

Sean Stretton, M.S, RPA  
Cultural Resources Project Manager  
Trileaf Corporation

Accepted By: \_\_\_\_\_  
Bartlett&West

Date: \_\_\_\_\_





## Professional Resume

**SEAN STRETTON**

SENIOR PROJECT ARCHAEOLOGIST

**Education**

M.S. Archaeology  
Illinois State University / Bloomington-Normal, IL

B.S. Anthropology  
Grand Valley State University / Allendale, MI

**Areas of Expertise**

Mr. Stretton is a Secretary of the Interior (SOI) qualified archaeologist and is a member of the Register of Professional Archaeologists (RPA). Mr. Stretton specializes in performing and managing Archaeological Phase I, II, and III investigations, and assessments of historical and prehistoric archaeological sites.

Mr. Stretton has over 15 years of professional experience in cultural resource management, working primarily throughout the Midwestern states. His background includes performing—under Section 106—archival research, historical context preparation, archaeological field reconnaissance, data recovery, mitigation, artifact analysis, and final report preparation. Mr. Stretton’s professional interests include the archaeology of Prehistoric Eastern North America with an emphasis on the Middle Woodland Period (500 BC – AD 500). Mr. Stretton also has experience with ArcGIS.

Additional areas of expertise and experience includes:

Archaeological and Architectural Impacts  
Field Reconnaissance  
Topographic Site Mapping

Form 620/621 Submittals  
Historical Topographic Maps and Aerial Imagery  
Section 106 Compliance

**Additional Information and Professional Memberships**

Register of Professional Archaeologists (RPA)  
Society for American Archaeology (SAA)  
Midwest Archaeological Conference (MAC)  
Illinois Archaeological Society (IAS)



1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 - www.trileaf.com

## **TRILEAF CORPORATION**

### **GENERAL TERMS AND CONDITIONS – Cultural Resources**

- 1. CONTRACT:** These Standard Provisions and the accompanying Proposal constitute the full and complete Agreement of the parties and may be amended, added to, superseded, or waived only if both parties agree in writing.
- 2. SCOPE OF WORK:** TRILEAF shall perform the services defined in the contract and shall invoice the Client for those services at the fee schedule rates. Any cost estimates stated in this contract shall not be considered a firm figure unless otherwise specifically stated in the contract. If unexpected site conditions are discovered, the scope of work may change.
- 3. ACCESS TO SITES:** When the Scope of Work includes a site visit to be performed by a TRILEAF employee, unless otherwise-agreed, the Client shall furnish TRILEAF with right-of-access to the site in order to conduct the on-site activities. This right-of-access will include freedom to access all spaces within the site as necessary to complete TRILEAF's proposed scope of work. Should an on-site contact be provided to TRILEAF to arrange access, such contact should be provided at the time of notice-to-proceed. TRILEAF will make every effort to notify the aforementioned on-site contact (if provided) prior to TRILEAF's visit. Should TRILEAF conduct these good faith efforts, and receive approval to visit the site, only to be turned away prior to completing the on-site activities, TRILEAF reserves the right to invoice for travel to the site. While TRILEAF will take reasonable precautions to minimize any damage to the property, it is understood by the Client that in the normal course of work, some damage may occur.
- 4. UNANTICIPATED HAZARDOUS MATERIALS:** It shall be the duty of the Client to advise TRILEAF of any known or suspected hazardous substances which are or may be related to the services provided. Such hazardous substances include but are not limited to products, materials, by-products, wastes or samples of the foregoing which TRILEAF may be provided or obtain performing its services or which exist or may exist on or near any premises upon which work is to be performed by TRILEAF's employees, agents or subcontractors. If during the course of providing services, TRILEAF observes or suspects the existence of unanticipated hazardous materials, TRILEAF may at its option terminate further work on the project and notify client of the condition. Services will be resumed only after a re-negotiation of scope of services and fees. In the event that such re-negotiation cannot occur to the satisfaction of TRILEAF, TRILEAF may at its option terminate this contract. It is understood and agreed that TRILEAF is not, and has no responsibility as a handler, generator, operator, treated or storer, transporter or disposer of hazardous or toxic substances found or identified at a site.
- 5. CONSTRUCTION:** In consideration that our Consulting Services do not include construction administration, or site visits during the construction process (unless otherwise noted above), owner agrees that TRILEAF is not financially responsible for any construction change orders that may occur as the result of previously unknown landlord requirements prior to the

construction permit approval and subsequent start of construction. TRILEAF shall not be held financially responsible if not afforded the opportunity to re-design or mitigate any omission on the drawings.

6. **DOCUMENTS:** All reports, notes, drawings, specifications, data, calculations, and other documents prepared by TRILEAF (“Documents”) are instruments of TRILEAF’S services that shall remain TRILEAF’S property. The Client agrees not to use the Documents for future additions or alterations to this Project or for other projects without TRILEAF’S express written consent. Any unauthorized use of the Documents will be at the Client’s sole risk and without liability to TRILEAF’S or its subconsultants. Accordingly, Client shall defend, indemnify, and hold harmless TRILEAF from and against any and all losses, claims, demands, liabilities, suits, actions, and damages whatsoever arising out of or resulting from such unauthorized use.
7. **STANDARD OF CARE:** TRILEAF and its subconsultants will exercise that degree of care and skill ordinarily exercised by similarly situated cultural resources professionals, and cultural resources professionals practicing under similar circumstances. Client agrees that services provided will be rendered without any warranty, express or implied. TRILEAF shall exercise usual and customary professional care in its efforts to comply with codes, regulations, laws rules, ordinances, and such other requirements in effect as of the date of execution of this Agreement.
8. **OPINION OF PROBABLE COSTS:** When required as part of our services, TRILEAF will furnish opinions of probable cost but does not guarantee, warrant or represent the accuracy of such estimates. Opinions of probable cost prepared by TRILEAF hereunder will be made on the basis of TRILEAF’S experience and qualifications and will represent TRILEAF’S judgment as an experienced and qualified design professional. However, users of the probable cost opinions must recognize that TRILEAF does not have control over the cost of labor, material, equipment, or services furnished by others or over market conditions or contractors' methods of determining prices or performing the work.
9. **SUSPENSION/TERMINATION OF WORK:** The Client may, upon seven (7) days written notice, suspend or terminate further work by TRILEAF. The Client shall remain liable for, and shall promptly pay TRILEAF for all services rendered to the date of suspension or termination. TRILEAF may suspend or terminate this Agreement upon seven (7) days written notice if the Client fails to substantially perform in accordance with this Agreement. Failure to make payments in accordance herewith shall constitute substantial nonperformance.
10. **LIABILITY:** TRILEAF will furnish appropriate insurance certificates for general and professional liability upon request. The Client agrees that TRILEAF’S total aggregate liability to the Client for any and all injuries, claims, losses, expenses, or damages whatsoever, including attorney's fees, arising out of or in any way related to the Project or this Agreement from any cause or causes, including, but not limited to, TRILEAF’S negligence, errors, omissions, strict liability, breach of contract, or breach of warranty, shall not exceed \$50,000 or TRILEAF’S total fee for the services rendered on this project, whichever is greater.
11. **BILLING AND PAYMENT:** TRILEAF will submit invoices to the client monthly and a final bill upon completion of services. Payment is due upon presentation of invoice and is past due thirty (30) days from the invoice date. Client agrees to pay a finance charge of one and one-half percent (1 1/2%) per month, but not exceeding the maximum rate allowed by law on past due accounts.
12. **CONSEQUENTIAL DAMAGES:** TRILEAF and the Client waive consequential damages, including but not limited to damages for loss of profits, loss of revenues and loss of business of

business opportunities, for claims, disputes or other matters in question arising out of or relating to this Agreement.

**13. PRECEDENCE:** These Standards, Terms, and Conditions shall take precedence over any inconsistent or contradictory provisions contained in any proposal, contract, purchase order, requisition, notice to proceed, or like document regarding TRILEAF's services.

#### **14. MISCELLANEOUS**

- a. **Governing Law:** The substantive laws of Missouri shall govern any disputes between TRILEAF and the Client arising out of the interpretation and performance of this Agreement.
- b. **Mediation:** TRILEAF and the Client agree that any disputes arising under this Agreement and the performance thereof shall be subject to nonbinding mediation as a prerequisite to further legal proceedings.
- c. **TRILEAF Reliance:** Unless otherwise specifically indicated in writing, TRILEAF shall be entitled to rely, without liability, on the accuracy and completeness of information provided by Client, Client's consultants and contractors, and information from public records, without the need for independent verification.
- d. **Certifications:** TRILEAF shall not be required to sign any documents, no matter by whom requested, that would result in TRILEAF'S having to certify, guaranty, or warrant the existence of conditions that would require knowledge, services or responsibilities beyond the scope of this Agreement.
- e. **Third Parties:** Nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against either the Client or TRILEAF. TRILEAF's services hereunder are being performed solely for the benefit of the Client, and no other entity shall have any claim against TRILEAF because of this Agreement or TRILEAF's performance of services hereunder.







1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 - [www.trileaf.com](http://www.trileaf.com)

May 2, 2024

**Bartlett & West**

Attn: Austin Johnson  
601 Monroe Street, Suite 201  
Jefferson City, MO 65101

**RE: Moberly, Missouri, North Morley Sidewalk Improvements, Architecture Survey, Randolph County, Missouri.**

Dear Mr. Johnson,

Thank you for the opportunity to submit the following proposal to provide professional cultural resources services for the proposed North Morley Street Sidewalk Improvements project in Moberly, Randolph County, Missouri. We believe Trileaf is uniquely suited to provide you these services for the following reasons:

- Highly trained, Secretary of the Interior (SOI)-qualified archaeologists are centrally located to complete this project efficiently and cost effectively.
- Our experienced staff understands and are prepared to handle any nuances and complexities that may arise during your project to maintain our promised timelines.
- Sean Stretton, M.S., RPA, will serve as Project Manager and has **15 years** of experience working in Missouri, including experience working as an archaeologist with both the Missouri Department of Transportation and Missouri State Parks.

## TECHNICAL COMPETENCE

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**Your dedicated Trileaf cultural resources professionals have special expertise in the precontact and historical archaeology of Missouri, including extensive experience addressing the specific guidelines and requirements of the MO State Historic Preservation Office (SHPO) and consulting Native American Tribes statewide.**

Trileaf's cultural resources team consists of highly experienced professionals who meet or exceed the Secretary of the Interior's (SOI) Historic Preservation Qualification Standards in the fields of archaeology, history, and architectural history. **This expertise enhances our ability to offer an extensive list of cultural resources management services, including:**

- |   |                                   |
|---|-----------------------------------|
| • Phase I archaeological reconnaissance                       | • Phase II archaeological testing |
| • Archaeological monitoring                                   | • SHPO and Tribal consultation    |
| • National Register of Historic Places (NRHP) nominations     | • Architectural surveys           |
| • Viewshed Analysis via Balloon Testing and Photo Simulations | • GIS Mapping                     |
| • Artifact analysis   | • Curation                        |

Trileaf's Cultural Resources Team includes one (1) Group Manager, (3) Project Managers, seven (7) Field Archaeologists, two (2) Archaeological Technicians, three (2) Architectural Historians, (1) Historian, and one (1) GIS Specialist. Our Tribal Consultation Team consists of one (1) Project Manager and six (6) Tribal Consultation

Coordinators. Our breadth of knowledge and experience results in quality service, anticipation of project needs in real time, and proactive communication of challenges.

- All Managers and Field Archaeologists possess master's degrees in Archaeology or Anthropology.
- Two Architectural Historians have master's degrees in Historic Preservation.
- Our Historian has a master's degree in Social Science Education/History
- Our staffing size allows us to mobilize to any project location statewide in a timely manner.
- Our experienced staff is equipped with the regional knowledge base to handle any nuances and complexities that may arise during your project to keep promised deadlines.
- Trileaf prides itself on maintaining the strong relationships we've built with both State and Tribal Historic Preservation Offices in Missouri and nationwide.

**Trileaf Cultural Resources professionals work to ensure high quality, time sensitive, and cost-effective project completion, which is supported by our project success both locally and nationwide.**

1. In the last ten years, Trileaf's Tribal Consultation Team has completed over **970** projects in Missouri requiring Tribal Consultation.
2. Trileaf's Cultural Resources Team has completed over 4,400 archaeological investigations and over 180 tribal monitoring jobs nationwide since January 2017.
  - a. Trileaf completes all pre-field archival research, SHPO file reviews for above ground and archaeological resources, GIS mapping, fieldwork, report production, and THPO and SHPO consultation.
  - b. All Trileaf projects meet Federal, State, and Tribal standards.
3. Trileaf's archaeologists have successfully completed over 400 projects in Missouri, receiving both SHPO and THPO clearance.
  - a. This includes archaeological monitoring and phase I archaeological surveys.
4. Trileaf works throughout the state of Missouri on telecom projects and has recently been awarded multiple non-telecom projects, including Recreational Trails Projects (RTP) for Perry County Heritage Tourism and the City of Ironton, Land and Water Conservation Fund (LWCF) improvement projects for the City of Manchester, the Boonslick Regional Planning Commission, and Community Development Block Grant (CDBG) project for the City of Poplar Bluff, and a Stormwater improvement project in Cole County.
  - a. Trileaf is also experienced in completing USDA Rural Development Business and Industry and Clean Water State Revolving Fund (CWSRF) projects nationwide.
  - b. Trileaf has successfully executed Memoranda of Agreement in multiple states to mitigate adverse effects findings with the preparation of architectural Condition Assessment Reports (CAR), Permanent Archival Records (PAR), and windshield-level historic architectural resources survey.
  - c. Trileaf's Architectural History staff is also currently in the process of preparing deliverables for two mitigation projects in Oklahoma, which include NRHP nominations and photographic archive updates for a WPA-constructed school building and an automobile service station associated with historic Route 66.
5. Trileaf Cultural Resources staff are experienced in the identification and NRHP-eligibility assessment of precontact and historical-period archaeological sites.
  - a. This includes site recordation, artifact analysis and curation, site interpretation, and recommendations regarding the need for further research and project-related effects.

## **PAST RECORD OF PERFORMANCE**

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Trileaf understands that our service requires the utmost attention to detail. We know that our deliverables facilitate our clients' compliance responsibilities under the regulatory frameworks of NEPA and Section 106 reviews. As such, we embody that responsibility by acting in our clients' best interests at all times.

Trileaf archaeologists have the experience and expertise to provide our clients with guidance—in consultation with agency/SHPO/THPO reviewers—toward best practices in site avoidance, minimization of project effects, or creative strategies for mitigation, when necessary.

**Trileaf is Responsive:** One of the most consistent pieces of feedback we receive from clients is related to our exceptional responsiveness. This stems from Trileaf’s internal management training: Trileaf managers answer all emails within one (1) hour of receipt and complete all projects on time.

**Trileaf is its Employees:** We employ only full-time professionals—not contractors—to perform all aspects of our primary suite of services. This ensures consistent responsiveness, quality deliverables, and rapid turnaround times. Trileaf is committed to employing professionals devoted to being true partners. We believe commitment to our employees yields commitment to our clients.

**Trileaf Corporation maintains a vigorous system of Quality Control and Quality Assurance (QA/QC). This QA/QC system includes the following basic tenets:**

1. **Assignment of a Single Point of Contact:** Each client of Trileaf Corporation is assigned a single, experienced Trileaf Point of Contact (POC). This person is a Project Manager with the experience necessary to actively manage and proactively anticipate challenges that may affect the timeline or budget of the project. This POC is responsible for the acceptance, initiation, active tracking, QA/QC, and ultimate delivery of the project(s) deliverable(s).
2. **Real-Time Tracking:** Trileaf employees utilize Trileaf’s homegrown, network-based project tracking software application called ‘Trinet.’ Trinet includes both date fields as well as comment fields, and all employees are required to keep it updated in real-time. As such, at any time, Trileaf’s POC can retrieve real-time information on the status of the project. In addition, Trileaf’s POC can pull ‘project trackers’ out of Trinet, in excel format, to both run statistics and ensure project timelines and budgets are being met.
  - a. As a standard Trileaf value-added service, Trileaf can run and submit project trackers at any interval requested by our client utilizing this system.

## **KNOWLEDGE OF COMPLIANCE**

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Trileaf’s cultural resources team is led by skilled Project Managers with the ability to identify and manage specific project objectives, provide technical guidance and assistance in completion of project tasks by qualified staff members, and anticipate any project needs or nuances. Our project managers believe that proactive and regular communication with our clients and stakeholders is paramount to successful project completion. For instance, using our in-house project management software, Project Managers can provide stakeholders with regular project trackers, which can be run to monitor project progress in real time to ensure project milestones and deliverables are completed on time. Additionally, all cultural resources deliverables are subject to a rigorous process of review by both peers and project managers to ensure quality and client satisfaction.

Our project managers and qualified staff have extensive experience establishing the background and context for projects utilizing resources that include, but are not limited to, the Missouri State Historic Preservation Office’s National Register Sites and Districts, Certified Local Districts and Architectural Surveys online map and the Archaeology Viewer online maps, and locally relevant archival resources and repositories. Archaeological and archival background research will be completed prior to all field investigations.

Trileaf utilizes handheld GPS units and digital data collection software for accurate and secure recordation and mapping of cultural resources during all field investigations. For production of forms, reports, and all other deliverables, Trileaf utilizes Microsoft Office Suite, Adobe Acrobat Pro, and ArcGIS. Trileaf utilizes Microsoft OneDrive for ease of secure file sharing with clients.

## **TESTIMONIALS AND REFERENCES**

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*“We are so excited to get our park project back on track! Thank you for your expert leadership and understanding of what we needed even when we didn’t. The Trileaf team was quick to help and wonderful to work with.” – Trish Erzfeld, Perry County Heritage Tourism*

*“Thank you for keeping us in the loop so well with all of your updates. You are one of the few people who consistently keeps us abreast of the project as it continues. We greatly appreciate the extra work you do to send us out these updates.”* – **Virginia Mae O’Boyle, Spirit Lake Nation**

*“I just want to take this opportunity to say what a pleasure it has been receiving your submittals. They are very well formatted and are used for reference when training my replacement and any temporary employees we’ve had over the years. I have truly appreciated the level of excellence provided by you and Trileaf.”* – **Fawn Cheshewalla, Osage Nation**

| References   |   |
|--|---|
| Trish Erzfeld<br>Perry County Heritage and Tourism Office<br>trish@perryvillemo.com                              | Donna-Marie Stipo - National Director-<br>Regulatory Compliance - Tillman Infrastructure<br>dmstipo@tillmaninfrastructure.com |
| Tim Sumner, PE, CRM, CSM - Project Engineer /<br>Manager - Crawford, Murphy & Tilly, Inc.<br>tsumner@cmtengr.com |   |

## PROPOSAL

In response to the request for cultural resources services by Bartlett & West, Trileaf has prepared the following supplemental proposal to conduct architectural survey of all structures within 50-feet of the proposed project. The proposed project is understood by Trileaf to be the replacement and construction of new sidewalks within the intersection of Highway 24 and North Morley Street, on the west side of North Morley Street north of Highway 24 for a distance of approximately 60-meters, and on the east side of North Morley Street between Highway 24 and North Avenue. The project has a total linear distance of approximately 450-meters.

To identify architectural resources Trileaf will survey the project area and photograph all standing structures within a defined 50-foot buffer to the project construction areas. Trileaf will then make recommendations of the potential NRHP eligibility of the identified structures.

Based upon the information at hand, Trileaf proposes to complete the following tasks:

### ARCHITECTURAL RECORDS CHECK AND LITERATURE REVIEW

Trileaf will conduct a literature review to collect data on known architectural resources within a 50-ft buffer of all elements associated with the current undertaking. The data collected will be limited to that available online from the Missouri State Historic Preservation Office (MOSHPO) Archaeology Viewer, as well as The National Register of Historic Places

Trileaf has made several assumptions regarding the completion of this archaeological survey. Our assumptions include:

- No formal consultation with SHPO will be required prior to survey.
- No more than two archaeological resources requiring recordation will be identified during the survey.
- No deep testing will be required.
- No more than one (1) day will be required for the completion of the Architecture Photography.
- No formal safety training or specialized safety PPE will be required.
- No special permitting will be required prior to initiating field surveys.

### REPORTING

Trileaf will submit the following deliverables:

- One (1) electronic copy of the resulting architectural survey report in PDF format.

### SCHEDULING

Trileaf proposes to mobilize a crew consisting of one (1) Architectural Historian. Located approximately two (2) hours southeast of Moberly in Des Peres, MO, Trileaf’s cultural resources team is prepared to mobilize for this

project quickly and efficiently. Field work will commence within 10 business days from the receipt of Notice to Proceed. A final report will be submitted within 10 business days of the completion of fieldwork. In total the project shall not exceed 20 business days from the receipt of Notice to Proceed.

Sean Stretton, M.S., RPA, will serve as Project Manager and Mr. Jacob Waters will serve as Architectural Historian. Our experienced staff understands and are prepared to handle any nuances and complexities that may arise during your project to maintain our promised timelines.

### **COST ESTIMATE**

- Trileaf can perform the work described above for a lump sum of **\$2,030.00**.

As noted previously, this cost estimate is based upon several assumptions. If any of the assumptions listed above do not hold true, revisions to both the scope of work and provided cost estimate amount may be required. We look forward to the opportunity to work with you in the successful completion of this project. If you have any questions or need additional information, please don't hesitate to contact me.

### **CONCLUSION**

The proposal shall remain in effect for (90) days from the date of this document.

We would like to thank you for giving Trileaf Corporation the opportunity to present this proposal. If you have any questions or would like to discuss any portion of this proposal in more detail, please contact me at our office at any time. We look forward to working with you on this and many future projects.

Sincerely,

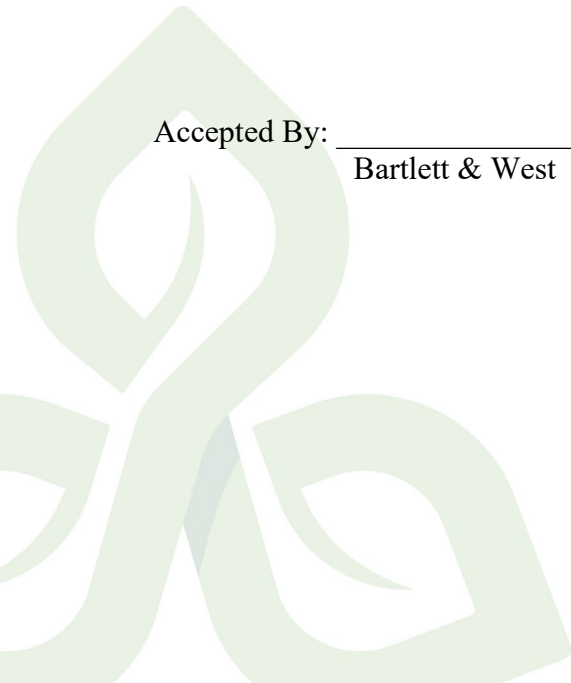



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Sean Stretton, M.S, RPA  
Cultural Resources Project Manager  
Trileaf Corporation

Accepted By: \_\_\_\_\_  
Bartlett & West

Date: \_\_\_\_\_



## ATTACHMENT C

### CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS

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#### INSTRUCTIONS FOR CERTIFICATION

1. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause of default.
4. The prospective primary participant shall provide immediate written notice to the department or agency to whom this proposal is submitted if at any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," "proposal" and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
7. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-- Lower Tier Covered Transaction" provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the

method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to check the Nonprocurement List at the Excluded Parties List System.  
<https://www.epls.gov/epl/s/search.do?page=A&status=current&agency=69#A>.

9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

#### **Certification Regarding Debarment, Suspension, and Other Responsibility Matters -Primary Covered Transactions**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
  - d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

## ATTACHMENT D

### CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION--LOWER TIER COVERED TRANSACTIONS

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#### INSTRUCTIONS FOR CERTIFICATION

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List at the Excluded Parties List System.  
<https://www.epls.gov/epl/search.do?page=A&status=current&agency=69#A>.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended,



debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transactions**

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**Attachment E**  
**Disadvantage Business Enterprise Contract Provisions**

1. Policy: It is the policy of the U.S. Department of Transportation and the Local Agency that businesses owned by socially and economically disadvantaged individuals (DBE's) as defined in 49 C.F.R. Part 26 have the maximum opportunity to participate in the performance of contracts financed in whole or in part with federal funds. Thus, the requirements of 49 C.F.R. Part 26 and Section 1101(b) of the Transportation Equity Act for the 21st Century (TEA-21) apply to this Agreement.

2. Obligation of the Engineer to DBE's: The Engineer agrees to assure that DBEs have the maximum opportunity to participate in the performance of this Agreement and any subconsultant agreement financed in whole or in part with federal funds. In this regard the Engineer shall take all necessary and reasonable steps to assure that DBEs have the maximum opportunity to compete for and perform services. The Engineer shall not discriminate on the basis of race, color, religion, creed, disability, sex, age, or national origin in the performance of this Agreement or in the award of any subsequent subconsultant agreement.

3. Geographic Area for Solicitation of DBEs: The Engineer shall seek DBEs in the same geographic area in which the solicitation for other subconsultants is made. If the Engineer cannot meet the DBE goal using DBEs from that geographic area, the Engineer shall, as a part of the effort to meet the goal, expand the search to a reasonably wider geographic area.

4. Determination of Participation Toward Meeting the DBE Goal: DBE participation shall be counted toward meeting the goal as follows:

A. Once a firm is determined to be a certified DBE, the total dollar value of the subconsultant agreement awarded to that DBE is counted toward the DBE goal set forth above.

B. The Engineer may count toward the DBE goal a portion of the total dollar value of a subconsultant agreement with a joint venture eligible under the DBE standards, equal to the percentage of the ownership and control of the DBE partner in the joint venture.

C. The Engineer may count toward the DBE goal expenditures to DBEs who perform a commercially useful function in the completion of services required in this Agreement. A DBE is considered to perform a commercially useful function when the DBE is responsible for the execution of a distinct element of the services specified in the Agreement and the carrying out of those responsibilities by actually performing, managing and supervising the services involved and providing the desired product.

D. A Engineer may count toward the DBE goal its expenditures to DBE firms consisting of fees or commissions charged for providing a bona fide service, such as professional, technical, consultant, or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials or supplies required for the performance of this Agreement, provided that the fee or commission is determined by MoDOT's External Civil Rights Division to be reasonable and not excessive as compared with fees customarily allowed for similar services.

E. The Engineer is encouraged to use the services of banks owned and controlled by socially and economically disadvantaged individuals.

5. Replacement of DBE Subconsultants: The Engineer shall make good faith efforts to replace a DBE Subconsultant, who is unable to perform satisfactorily, with another DBE Subconsultant. Replacement firms must be approved by MoDOT's External Civil Rights Division.

6. Verification of DBE Participation: Prior to final payment by the Local Agency, the Engineer shall file a list with the Local Agency showing the DBEs used and the services performed. The list shall show the actual dollar amount paid to each DBE that is applicable to the percentage participation established in this Agreement. Failure on the part of the Engineer to achieve the DBE participation specified in this Agreement may result in sanctions being imposed on the Commission for noncompliance with 49 C.F.R. Part 26 and/or Section 1101(b) of TEA-21. If the total DBE participation is less than the goal amount stated by the MoDOT's External Civil Rights Division, liquidated damages may be assessed to the Engineer.

Therefore, in order to liquidate such damages, the monetary difference between the amount of the DBE goal dollar amount and the amount actually paid to the DBEs for performing a commercially useful function will be deducted from the Engineer's payments as liquidated damages. If this Agreement is awarded with less than the goal amount stated above by MoDOT's External Civil Rights Division, that lesser amount shall become the goal amount and shall be used to determine liquidated damages. No such deduction will be made when, for reasons beyond the control of the Engineer, the DBE goal amount is not met.

7. Documentation of Good Faith Efforts to Meet the DBE Goal: The Agreement goal is established by MoDOT's External Civil Rights Division. The Engineer must document the good faith efforts it made to achieve that DBE goal, if the agreed percentage specified is less than the percentage stated. The Good Faith Efforts documentation shall illustrate reasonable efforts to obtain DBE Participation. Good faith efforts to meet this DBE goal amount may include such items as, but are not limited to, the following:

A. Attended a meeting scheduled by the Department to inform DBEs of contracting or consulting opportunities.

B. Advertised in general circulation trade association and socially and economically disadvantaged business directed media concerning DBE subcontracting opportunities.

C. Provided written notices to a reasonable number of specific DBEs that their interest in a subconsultant agreement is solicited in sufficient time to allow the DBEs to participate effectively.

D. Followed up on initial solicitations of interest by contacting DBEs to determine with certainty whether the DBEs were interested in subconsulting work for this Agreement.

E. Selected portions of the services to be performed by DBEs in order to increase the likelihood of meeting the DBE goal (including, where appropriate, breaking down subconsultant agreements into economically feasible units to facilitate DBE participation).

F. Provided interested DBEs with adequate information about plans, specifications and requirements of this Agreement.

G. Negotiated in good faith with interested DBEs, and not rejecting DBEs as unqualified without sound reasons, based on a thorough investigation of their capabilities.

H. Made efforts to assist interested DBEs in obtaining any bonding, lines of credit or insurance required by the Commission or by the Engineer.

I. Made effective use of the services of available disadvantaged business organizations, minority contractors' groups, disadvantaged business assistance offices, and other organizations that provide assistance in the recruitment and placement of DBE firms.

8. Good Faith Efforts to Obtain DBE Participation: If the Engineer's agreed DBE goal amount as specified is less than the established DBE goal given, then the Engineer certifies that good faith efforts were taken by Engineer in an attempt to obtain the level of DBE participation set by MoDOT's External Civil Rights.

**Attachment F – Fig. 136.4.15**  
**Conflict of Interest Disclosure Form for LPA/Consultants**  
Local Federal-aid Transportation Projects

**Firm Name (Consultant):** Bartlett & West, Inc.

**Project Owner (LPA):** City of Moberly, MO

**Project Name:** N. Morley Street Sidewalk Improvements – Phase 1

**Project Number:** TAP-9900(272)

As the LPA and/or consultant for the above local federal-aid transportation project, I have:

1. Reviewed the conflict of interest information found in Missouri’s Local Public Agency Manual (EPG 136.4)
2. Reviewed the Conflict of Interest laws, including 23 CFR § 1.33, 49 CFR 18.36.

And, to the best of my knowledge, determined that, for myself, any owner, partner or employee, with my firm or any of my sub-consulting firms providing services for this project, including family members and personal interests of the above persons, there are:

No real or potential conflicts of interest  
If no conflicts have been identified, complete and sign this form and submit to LPA

Real conflicts of interest or the potential for conflicts of interest  
If a real or potential conflict has been identified, describe on an attached sheet the nature of the conflict, and provide a detailed description of Consultant’s proposed mitigation measures (if possible). Complete and sign this form and send it, along with all attachments, to the appropriate MoDOT District Representative, along with the executed engineering services contract.

LPA

Consultant

Printed Name: \_\_\_\_\_

Printed Name: Dillon Feely

Signature: \_\_\_\_\_

Signature: 

Date: \_\_\_\_\_

Date: 5/09/2024