



August 21, 2025

Matt Winters  
City Administrator  
101 Court St.  
Jackson, Missouri 63755

RE: East Jackson Blvd Lighting Project

Dear Mr. Winters,

Lochmueller Group (LOCHMUELLER) is pleased to submit the following scope and fee for professional services related to lighting improvements along East Jackson Boulevard. Our proposed scope, schedule, and fee are included in this letter.

Please feel free to contact me at 573-450-5688 or at the email address below if you have any questions or comments concerning this proposal. We look forward to working with you.

Sincerely,  
**Lochmueller Group**

Scott Meyer  
Client Service Manager  
[Scott.Meyer@lochgroup.com](mailto:Scott.Meyer@lochgroup.com)

## Request: Task Order #3

### SCOPE OF SERVICES

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This scope of services will be associated with the preparation of a Section 106 Cultural Resources Survey Memo for East Jackson Boulevard Roadway Lighting Project. The project proposes installing continuous lighting along Route 61 (East Jackson Boulevard) from K-Land Drive to South Old Orchard Road. This project will require no new right-of-way (ROW), easements, or tree clearing. The project is located in Jackson, Cape Girardeau County, Missouri ('Exhibit 1').

The project will include federal transportation funding and thus is subject to Section 106 and Section 4(f) review for cultural resources.

#### Task 1: Completion of Section 106 Report

LOCHMUELLER will conduct a cultural resources review for historic properties within this section. This will include the identification of archaeological sites. The Section 106 work will be carried out by, or under the in-field direction of, an individual who meets the Secretary of the Interior's Professional Qualification Standards. Based on the type of improvements and a preliminary analysis of previously recorded sites, it is anticipated that an archaeological field reconnaissance including shovel test probes (STPs) will be required for below ground resources. The following subtasks will be performed to follow MoDOT's and Missouri State Historic Preservation Office's (SHPO) standards and guidelines.

##### 1.1 Historic Context Summary and Preliminary Research

This task will involve synthesizing information from all related disciplines (history, geography, precontact/historical archaeology), including a review of archival sources and archaeological site and survey records. The types of cultural resources likely to be documented within the survey area will be identified. This information will be used to develop the historical and cultural contexts for the project area and to establish the area of potential effects (APE).

##### 1.2 Field Surveys

*Above ground properties:* An architectural survey is not anticipated to be required.

*Archaeological properties:* This task will involve the completion of a Phase I archaeological field survey within the area of potential effects in conformance with MoDOT's standards and the Missouri SHPO's Guidelines for Phase I Archaeological Surveys and Reports. Where areas have less than 25% ground surface visibility and less than 20% slope, systematic shovel testing will be employed with transect intervals of 15 meters. Based upon the amount of previous disturbance within the project corridor, it is anticipated that no more

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than 100 STPs will be required. Shovel Test Probes (STP) will be 25 cm in diameter and extend in depth down to archaeologically sterile soil when possible. The sidewalls and floors of each STP will be examined for cultural material and features. All soil removed from each STP will be trowel-sorted. When cultural material is encountered, STPs will be excavated in a systematic grid until negative results are achieved, then back fill will be conducted at a 5-meter interval in order to delineate an accurate site boundary. Only artifacts that are considered diagnostic, or otherwise significant, will be collected. Other cultural material discovered will be photographed and documented, then left in situ. No subsurface testing will be conducted near marked buried utility lines due to safety concerns and the unlikelihood of finding intact cultural material. Each shovel test and surface find will be geolocated with GPS. The survey will be performed to identify and document precontact and historical deposits located within the archaeological APE including any previously recorded sites. A utility locate will be arranged prior to the Phase I archaeological fieldwork with ticket numbers from the locate provided to MoDOT if requested.

#### **1.3 Compilation of the Report**

Complete a Section 106 Cultural Resources Survey Report to be submitted to MoDOT that includes the findings from the archaeological reconnaissance survey. This report will provide NRHP site eligibility recommendations, effects determinations, and completed site forms for each identified resource. Included with the reports will be completed copies of the SHPO Review and Compliance Information (RCI) and Cultural Resource Investigation Report (CRIF) forms; recovered artifacts (if applicable); archaeological field notes and lab forms (if applicable); survey photos; and geospatial data. If the NRHP eligibility of a resource cannot be determined during this Phase I survey, recommendations regarding Phase II testing will be provided.

#### **1.4 Quality Assurance/Quality Control and Project Management**

This task will include the activities necessary to manage client coordination, project documentation, schedule, and quality assurance.

### **SCOPE EXCLUSIONS AND ACKNOWLEDGMENT**

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Items not anticipated to be required for this project, and thus not included within this scope of work, include:

- LOCHMUELLER will not be responsible for submitting the Tribal Notification to any interested tribes.
- Identification of potential Section 4(f) properties is limited to historic properties/resources and excludes the category of public parks, recreation areas, and waterfowl refuges.

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- No individual 4(f) evaluations will be required.
- All artifacts located during the archaeological survey, regardless of age, will be photographed and documented in the field. Artifacts will be placed back into the STP holes and covered. The crew will not collect artifacts.
- No archaeological survey method can guarantee to locate all cultural resources that may exist within any given project area. Unmarked human burials/remains are very difficult to locate because these usually leave no ground surface indication. As such, the identification of locations of unmarked human remains is beyond the scope of this survey.

Any other tasks in addition to those specifically described in the above scope of services would be included in a supplemental agreement.

#### **SCHEDULE**

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LOCHMUELLER shall promptly commence services upon receipt of a written notice to proceed and shall complete the Services in accordance with the schedule set forth below:

Project work can commence following receipt of the notice to proceed. The historical and cultural contexts and field surveys are anticipated to be completed within one month from the start of the project unless weather conditions prevent this from occurring (e.g., field survey cannot be completed in the event of snow cover, frozen soils, or flooding). Analysis and write-up of the field results can be completed within one month after the field work; however, the draft report is contingent upon the ability to use preliminary engineering plans provided by the client. Should the client wish to alter these plans, this schedule may be extended. The report will be supplied to the MoDOT for review; it is anticipated only one review will be necessary. Lochmueller will respond to comments within one week. At the client's request, the approved report will be submitted to SHPO by LOCHMUELLER.

A total period of four months is provided for the acceptance of the report by SHPO.

#### **COMPENSATION**

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1.0 Amount of payment

- 1.1 Lochmueller shall receive compensation for such professional services described in this agreement on a lump sum basis in the amount of \$12,600.00.

Exhibit 1: Project Area

# EAST JACKSON BOULEVARD ROADWAY LIGHTING PROJECT

MoDOT PROJECT #SE0247  
ROUTE 61  
CAPE GIRARDEAU COUNTY  
JACKSON, MISSOURI



*[Project information provided by Strickland Engineering, LC, August 2025]*