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**PROPOSAL FOR:** City of Jackson, Missouri  
**ADDRESS:** 101 Court Street, Jackson, Missouri 63755  
**PROJECT:** A Study for the Realignment of Harmony Lane  
**DATE:** 12/10/2025

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**I. PROJECT DESCRIPTION/UNDERSTANDING**

The City of Jackson, Missouri (Client) has requested that Koehler Engineering a Division of Klingner & Associates, P.C. (Koehler) provide a proposal for A Study for the Realignment of Harmony Lane at the northern city limits of Jackson, MO. Koehler proposes to provide professional engineering consulting as described in the following scope of services.

**II. SITE ZONING**

The site zoning will not need to be modified.

**III. SCOPE OF SERVICES**

Our Scope of Services for each individual discipline is outlined below.

**1. MEETINGS:**

One meeting has already been held, and a minimum of one additional meeting to present and discuss the results of the study.

**2. SURVEYING:**

The study will be developed utilizing existing LIDAR topographic data and GIS parcel data. Field reconnaissance will be completed to review general site, soil, and drainage conditions. Additional detailed field work would be required for full design of the project.

**3. STUDY:**

- a. The study will prepare preliminary plan/profiles for two options:
  - i. An option to provide a sag curve and roadway alignment to match the existing ground as much as possible while still complying with good design practices and acceptable vertical curve lengths.
  - ii. An option to provide a horizontal grade for the roadway that would accommodate a dam to hold water on the Vandeven property, as generally discussed in the project review meeting.
- b. The study will determine drainage characteristics for the project area and develop a preliminary size for both a crossroad culvert (as required for paragraph 3.a.i) and a discharge structure for a proposed detention basin / lake (as required for paragraph 3.a.ii).
- c. The study will recommend a roadway cross section template for both options, based on City of Jackson street standards.
- d. The study will determine the volume of detention provided by option 3.a.ii. which may be offset against the requirements of future developments within the project area
- e. The study will prepare preliminary cost estimates for both options. Items covered in the cost estimate would include, but are not limited to the following:
  - i. Site preparation

- ii. Earthwork
- iii. Roadway paving
- iv. Drainage structures and conduits
- v. Embankment protection / guardrail as necessary
- vi. Utility extensions for potable water (Sanitary Sewer will not be feasible at present)
- vii. Surface restoration
- viii. Project contingency
- ix. Professional fees

#### IV. COMPENSATION

Compensation shall be based on a lump sum fee as per the following breakdown unless otherwise noted as hourly (per diem). Payments shall be made in accordance with the Koehler / Klingner and Associates general terms or as mutually modified. These fees are generated in relation to the Scope of Services above.

| FEE BY DISCIPLINE AND PHASE                     |                   |
|---|-------------------|
| Discipline / Phase                              | Lump Sum          |
| Civil Engineering for Roadway Realignment Study | \$3,040.00        |
|   |                   |
|   |                   |
| <b>Combined Total:</b>                          | <b>\$3,040.00</b> |

\*Hourly Estimated Fee

#### 5. SCHEDULE

A mutually agreed upon schedule to be coordinated with the Client. Unless otherwise directed, we would anticipate having the study prepared and submitted within 45 days.

#### 6. REIMBURSABLE EXPENSES

In addition to the compensation for basic services, normal project-related reimbursable expenses will be invoiced at the cost to Koehler x 1.15. The reimbursable expenses shall include:

- Printing, plotting, photocopying and photo reprographics for Client, Architect of Record and / or contractor use.
- Courier and express delivery charges
- Meetings other than those mentioned in the scope of services listed above
- Other project specific expenses pre-authorized by the Client

#### 7. ADDITIONAL SERVICES

No services other than those outlined previously are anticipated.

## 8. APPROVAL

All services will be completed in accordance with the Klingner General Terms and Conditions or as mutually modified attached. Signing below and the document's return, signifies acceptance of the services based on the above Scope of Services.



December 10, 2025

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**Chris Koehler, PE, PLS**

Title: Regional Client Manager  
Koehler Engineering, a division of Klingner  
& Associates, P.C.

Date

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**Matt Winters**

Title: City Administrator  
City of Jackson, Missouri

Date

This proposal is valid for acceptance for a period of thirty (30) days from the Klingner Signatory Date.