

RADCLIFF/ELIZABETHTOWN  
METROPOLITAN PLANNING ORGANIZATION

EAST ELIZABETHTOWN TRANSPORTATION CONNECTIVITY STUDY  
4-445.00  
REQUEST FOR PROPOSALS



Planning for the transportation  
needs of the region.

MARCH 9, 2020



LINCOLN TRAIL AREA DEVELOPMENT DISTRICT  
P. O. BOX 604  
613 COLLEGE STREET ROAD  
ELIZABETHTOWN, KENTUCKY 42702-0604



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**Radcliff/Elizabethtown Metropolitan Planning Organization  
East Elizabethtown Transportation Connectivity Study  
4-445.00  
Request for Proposals**

The Radcliff/Elizabethtown Metropolitan Planning Organization (MPO) is seeking a highly qualified consulting engineering/planning firm to conduct the East Elizabethtown Transportation Connectivity Study.

**PROJECT DESCRIPTION**

County: Hardin

Item No.: 4-445.00

Project Description: Transportation Connectivity Study to analyze several locations and improvement options, including both highway and pedestrian, along and east of US 31W in Elizabethtown.

**PROJECT INFORMATION**

MPO Project Manager: Mike Skaggs, MPO Transportation Planner

District 4 Project Manager: Charlie Allen

Approximate Fee: \$250,000

Project Funding: Federal Funds (MPO PL)

**PURPOSE AND NEED**

The city of Elizabethtown has experienced rapid growth in commercial development and traffic volumes along several routes in recent years. This has resulted in safety issues in the downtown area including pedestrian safety and significant congestion issues especially around the US 62/I-65 interchange. Numerous businesses have opened in recent years at this interchange including hotels, gas stations and restaurants. This is also the exit that is highly utilized by southbound travelers on I-65 to access Ring Road and US 31w for large retail outlets and additional restaurants.

The City of Elizabethtown has also expressed interest in revitalizing the southern part of the community. A new school is under construction on New Glendale Road (KY 1136) that could increase traffic and residential development in this area. Several businesses have located in the downtown area along US 31w which has increased the pedestrian and vehicular traffic. Access to the east side of Elizabethtown from the

south is impeded by traffic flow around the courthouse square and also the railroad crossing just south of the courthouse.

The purpose of this study is to identify and evaluate immediate and long-range improvement opportunities to improve connectivity, mobility and safety along and east of US 31W in the Elizabethtown/Hardin County area.

### **DBE REQUIREMENT**

The Consultant team shall include a DBE Participation Plan with their response to this RFP to help KYTC meet the 11.95% DBE goal established by FHWA. The plan needs to demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to the contract. An additional page will be allowed with the Project Approach in the Response to Announcement to convey this plan.

### **SCOPE OF WORK**

Conduct a planning study to identify short term and long-range solutions to improve connectivity, mobility and safety along and east of US 31W in Elizabethtown/Hardin County.

- Assemble/collect data necessary to evaluate existing conditions within the study area.
- Provide a means for public input to inform and involve citizens and stakeholders in the study process.
- Evaluate the downtown area of Elizabethtown to determine where improvements are needed to enhance the safety and efficient movement of pedestrians.
- Complete safety analyses of current conditions for both vehicle traffic and pedestrian movements throughout the study area
- Collect current traffic data and forecast future traffic to aid in determining areas where improvements are warranted.
- Utilize traffic modeling techniques at the I-65 Interchange at US 62 (Exit 94) to determine the point of failure for the interchange. The modeling may also be utilized to assist in identifying potential improvements to prolong the life of the interchange.
- Identify and evaluate both short- and long-range improvement opportunities to improve connectivity, mobility, and safety along and east of US 31W.

- Provide planning level cost estimates for all identified improvements.
- Geotechnical Overview.
- Submit a summary of findings in a Final Report.

### **SPECIAL INSTRUCTIONS**

The MPO may retain any of the advertised services to be performed by in-house staff.

Instructions for Response to Announcement can be found at:

<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

### **AVAILABLE STUDIES**

The Radcliff/Elizabethtown MPO Metropolitan Transportation Plan can be found at the following link:

<http://radcliff-elizabethtown-mpo.org/index.php/library/metropolitan-transportation-plan/>

A list of studies performed by the MPO can be found at the following link:

<http://radcliff-elizabethtown-mpo.org/index.php/library/studies/>

### **METHOD OF DESIGN**

The selected consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

### **PHOTOGRAMMETRIC SERVICES**

If photogrammetric information is not available for this project, the statewide LIDAR digital mapping is available to use.

### **ENVIRONMENTAL SERVICES**

Coordinate with KYTC on the red flag assessment and include KYTC's summary report as appendix.

### **GEOTECHNICAL SERVICES**

A Geotechnical Overview will be provided by the consultant.

## **RIGHT-OF-WAY**

The consultant will be responsible for a planning-level estimate of Right-of-Way costs that will be reviewed by District 4 and the MPO for accuracy.

## **STRUCTURE DESIGN**

The selected Consultant shall provide the necessary engineering services to determine needed improvements of the structures involved, if any.

## **TRAFFIC**

KYTC's existing traffic counts will be supplemented by traffic data, traffic projections, and related information collected and provided by the consultant. The Radcliff/Elizabethtown and Statewide Traffic Models will be available for utilization by the Consultant.

## **UTILITY DESIGN**

The Consultant will be responsible for a planning level estimate of utility cost that will be reviewed by District 4 and the MPO for accuracy.

## **PREQUALIFICATION REQUIREMENTS**

### **TRANSPORTATION PLANNING**

- Conceptual Transportation Planning
- Transportation Planning Engineering
- Traffic Forecasting
- Traffic Data Collection
- Pedestrian/Bicycle Planning & Design
- Travel Demand & Simulation Modeling

### **GEOTECHNICAL SERVICES**

- Engineering Services

## **PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date – March 9, 2020
- Response Date – March 30, 2020 by 4:30 PM ET
- Selection Committee – April 8, 2020
- Contract Scoping Conference – April 15, 2020
- Consultant Fee Proposal – April 29, 2020
- Contract Negotiations – May 8, 2020
- Notice to Proceed – May 22, 2020

## **PROJECT SCHEDULE**

- Existing Conditions Meeting – June 3, 2020 (MPO Technical Advisory Committee)
- 1<sup>st</sup> Local Officials Meeting – MPO Policy Committee Meeting – July 9, 2020
- MPO Technical Advisory Committee Meeting – August 5, 2020
- 1<sup>st</sup> Improvement Concepts Meeting – October 7, 2020 (MPO Technical Advisory Committee)
- 2<sup>nd</sup> Local Officials Meeting – October 8, 2020 (MPO Policy Committee Meeting)
- 2<sup>nd</sup> Improvement Concepts Meeting – December 2, 2020 (MPO Technical Advisory Committee)
- MPO Policy Committee Meeting – January 14, 2021
- MPO Technical Advisory Committee Meeting – February 2, 2021
- Final Meetings with MPO Policy and TAC – April, 2021
- Submit Final Report – May 2021

## **PROJECT SCHEDULE MILESTONES**

The duration of the above-mentioned work, from Notice to Proceed to submittal of the final report, is expected to be within a 12-month period. The successful completion of all services within this time period will be an important factor in the evaluation of the consultant's work.

## **EVALUATION FACTORS**

1. Project approach and proposed procedures to accomplish the scope of the project. (25 points)
2. Relative experience of consultant personnel assigned to project team with highway project of a similar nature for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on studies of similar scope and complexity. (15 points)
4. Capacity to comply with project schedule. (10 points)
5. Knowledge of the locality and familiarity of the general geographic area. (8 Points)
6. DBE Participation Plan (4 Points)

## **SELECTION COMMITTEE MEMBERS**

1. Charlie Allen, KYTC District 4 Planning
2. Barry House, KYTC Division of Planning
3. Vicki Meredith, Hardin County
4. Adam King, Hardin County
5. Jim Shaw, City of Elizabethtown
6. Mike Skaggs, Radcliff/Elizabethtown MPO

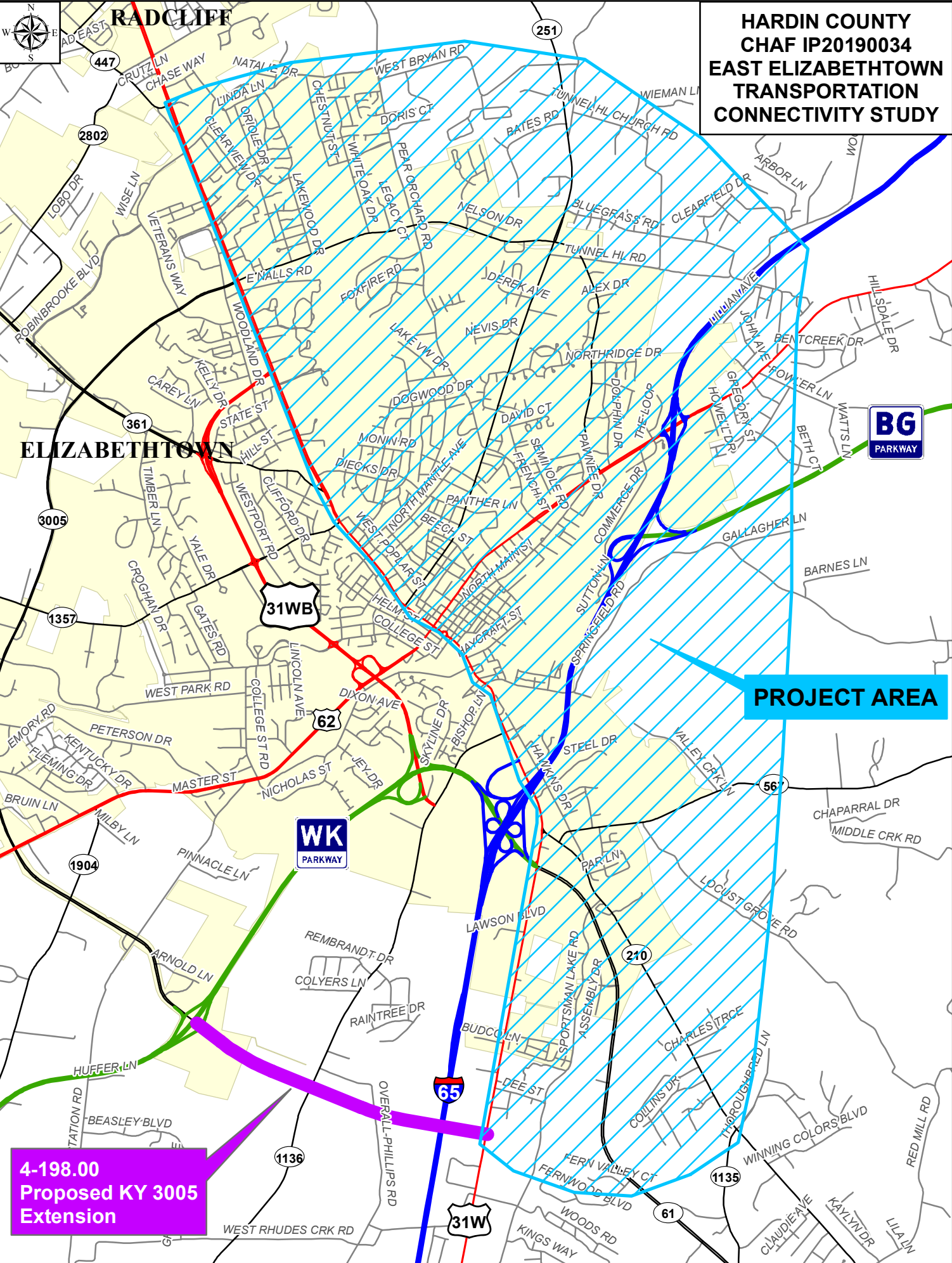
## **SUBMISSION**

Letters of Interest and Seven (7) Copies of Proposals, including an electronic copy emailed to Mike Skaggs ([mskaggs@ltadd.org](mailto:mskaggs@ltadd.org)) are due to Lincoln Trail Area Development District by 4:30 p.m. Monday, March 30, 2020.



**RADCLIFF**

**HARDIN COUNTY  
CHAF IP20190034  
EAST ELIZABETHTOWN  
TRANSPORTATION  
CONNECTIVITY STUDY**



**4-198.00  
Proposed KY 3005  
Extension**

**PROJECT AREA**

**BG  
PARKWAY**

**WK  
PARKWAY**

**65**

**31W**

**31WB**

**447**

**2802**

**361**

**3005**

**1357**

**62**

**1904**

**1136**

**210**

**56**

**1135**

**61**