

Last modified: May 17, 2001

**PROJECT INFORMATION**

COUNTY Grant

ROUTE CR 1315 / Napoleon to Zion Station Road

ITEM NUMBER 6-7000

DISTRICT 6 (Covington)

PROJECT DESCRIPTION Construction of a bridge over Tenmile Creek at Zion Station

USER DIVISION Highway Design

APPROXIMATE FEE < \$100,000, including no more than 15% operating margin.

PROJECT MANAGER Patrick Deming, P.E.

PURPOSE AND NEED The existing steel truss bridge with a wood deck is in very poor condition. The bridge should be replaced with a structure adequate to handle the large water flow in the creek. In addition, the at-grade railroad crossing North-West of the bridge has extremely poor visibility and should be addressed.

**PROCUREMENT SCHEDULE**

RESPONSE DATE	Wednesday, April 7, 1999, 4:30 p.m. (Frankfort Time)
FIRST SELECTION COMMITTEE DATE	April 16, 1999
SECOND COMMITTEE DATE	April 27, 1999
PRE-DESIGN CONFERENCE	May 3, 1999
TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	May 17, 1999
CONTRACT NEGOTIATIONS	May 24, 1999
NOTICE TO PROCEED	July 15, 1999

**PROJECT SCHEDULE MILESTONES**

PRELIMINARY LINE & GRADE INSPECTION	September 1, 1999
FINAL JOINT INSPECTION	April 1, 2000
ADVANCED SITUATION FOLDER	July 1, 2000
R/W PLANS	July 1, 2000
FINAL PLANS	December 1, 2001

The selected consultant is expected to meet the scheduled milestone dates.

EVALUATION FACTORS	<ol style="list-style-type: none"> <li>1. Relative experience of consultant personnel assigned to project team with highway projects for KTC and/or for federal, local or other state governmental agencies. (10 points)</li> <li>2. Capacity to comply with project schedule. (10 points)</li> <li>3. Past record of performance on project of similar type and complexity. (10 points)</li> <li>4. Project approach and proposed procedures to accomplish the services for the project. (10 points)</li> <li>5. Consultant's Kentucky offices where work is to be performed. (2 points)</li> </ol>
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75% - 100% of work accomplished in Kentucky offices - 2 points.

26% - 74% of work accomplished in Kentucky offices - 1 point.

0% - 25% of work accomplished in Kentucky offices - 0 points.

## SELECTION COMMITTEE MEMBERS

1. Patrick Deming, P.E., User Division
2. David Kratt, P.E., User Division
3. Willie McCann, P.E., Secretary's Pool
4. Ted Merryman, P.E., Secretary's Pool
5. **Paul Gravely, P.E.**, Governor's Pool

DBE REQUIREMENT None

SCOPE The selected consultant will provide engineering services for the completion of rural roadway design, including the preparation of any design studies, drainage studies, structural studies, right of way plans, right of way plans for utilities, and construction plans as required. On the South-East side, the alignment must be moved in order to straighten the roadway. On the North-West side, the at-grade railroad crossing needs to be addressed as well as the property damage to the house, garage, and shed just North of the bridge. The economics should be a large factor as the existing narrow, winding road does not carry large volumes of traffic.

AVAILABLE KTC STUDIES None known

PROJECT LENGTH 0.3 Miles

METHOD OF DESIGN  
 English Units  
 CADD Capability(with DGN Intergraph Design File Format) \_  
 CADD Based Automated Highway Design System  
 Digital Terrain Modeling

ENVIRONMENTAL None

PHOTOGRAMMETRIC SERVICES The Department will be responsible for aerial photography and will furnish manuscripts on computer discs in .DGN format.

STRUCTURE DESIGN The selected consultant shall do the necessary engineering services to determine the preliminary sizes of all structures and submittal of all Advanced Situation Folders. Prequalification in the area of structure design is required in the consultant's Response to Announcement.

GEOTECHNICAL SERVICES All necessary geotechnical services will be performed by the Department.

PROJECT FUNDING State Funds

TRAFFIC Design year traffic to be provided by the Department.

PREQUALIFICATION  
REQUIREMENTS

The project team shall be prequalified in all areas as follows:

ROADWAY DESIGN

- Rural Roadway Design < \$250,000
- Surveying

STRUCTURE DESIGN

- Spans < 500 feet

LOCATION MAP



