

# Professional Services Procurement Bulletin 2008-05 Jefferson County I-264/US 42

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<b>COUNTY</b>	Jefferson
<b>ROUTE</b>	I-264
<b>DISTRICT</b>	5 - Louisville
<b>ITEM NO</b>	5-390.00
<b>PROJECT DESCRIPTION</b>	Pre-design scoping study to determine approach for reconstructing I-264/US 42 interchange and to evaluate potential corridor and interchange improvements at this interchange.
<b>PROJECT MANAGER</b>	Carl B. Jenkins III, P.E.
<b>USER DIVISION</b>	Highway Design
<b>APPROXIMATE FEE</b>	\$450,000—Scoping Study,
<b>PROJECT FUNDING</b>	IM Federal Funds
<b>PURPOSE AND NEED</b>	Examine capacity and safety issues on I-264 and US 42 at interchange, and determine the future adequacy of the roads within the study area.
<b>PROJECT LENGTH</b>	Approximately 0.6 mile
<b>METHOD OF DESIGN</b>	The selected consultant shall utilize the CADD Standards for Highway Plans (version 2.08) policy in the development of the Highway Plans.
<b>DBE REQUIREMENT</b>	The consultant team shall include a DBE Participation Plan with their response to announcement. An additional page will be allowed with the project approach in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

<b>SCOPE</b>	Conduct preliminary engineering studies to determine the future adequacy of the I-264/US 42 interchange, and examine capacity and safety issues on I-264 between the I-71 interchange and the proposed KY 1447 interchange. In addition perform capacity and safety studies on US 42 in the vicinity of the I-264 interchange. This will include traffic flow analysis, typical section, line and grade, dependable cost estimates, identifying Right-of-Way and utility conflicts with possible mitigation, identifying drainage issues, traffic control considerations, necessary structure modifications and possible enhancements to overhead signing and pavement markings. Ultimate-build and interim-build options need to be considered for funding flexibility. The Consultant will be responsible for the preparation of an environmental overview.
<b>SPECIAL INSTRUCTIONS</b>	The contract will be for Scoping Study only. If the Department decides to proceed with preliminary and final design, the scope of work will be advertised for consultant.
<b>AVAILABLE STUDIES</b>	<u><a href="#">Meeting Minutes - I-71 Improvements, Jefferson County, Item No. 5-48.01 &amp; 48.02 - Project Team Meeting - Public Informational Meetings - KYTC, District 5 Office, Louisville, Kentucky September 8, 2005</a></u>
<b>PHOTOGRAMMETRIC SERVICES</b>	The Department will be responsible for aerial photography that is suitable for the pre-design scoping .
<b>STRUCTURE DESIGN</b>	Department
<b>GEOTECHNICAL SERVICES</b>	Department

<b>TRAFFIC</b>	<p>The selected consultant shall utilize historical traffic information as available from the Traffic Counts System (CTS), which is accessible through the KYTC Division of Planning website: <a href="http://www.planning.kytc.ky.gov/data_reports.asp">http://www.planning.kytc.ky.gov/data_reports.asp</a></p> <p>For KYTC review and approval, the consultant shall provide a growth factor. Mainline and ramp traffic volume and class projections within the project limits shall be included by the consultant. The consultant shall conduct traffic volume counts including vehicle classification counts as required during phase II design. Data collected shall be provided in Department standard format.</p> <p>The selected Consultant shall develop VISSIM or similar model to analyze existing conditions and alternates of the I-264/US 42 interchange and the respective interactions with the interchanges at I-264/I-71 and the proposed interchange at I-264/KY 1447. In accordance with FHWA practice, the Highway Capacity Manual (HCM) and/or Highway Capacity Software (HCS) shall be used to verify the results of the traffic model developed.</p>
<b>RIGHT-OF-WAY</b>	<p>The selected consultant shall identify property owners within the project limits. Property owner information shall be shown on the plans along with existing right-of-way and property lines.</p>
<b>UTILITY DESIGN</b>	<p>Department</p>
<b>ENVIRONMENTAL</b>	<p>The selected Consultant shall provide the necessary NEPA documentation. Prequalification in the area of Environmental is required to be identified in the Consultant's Response to Announcement.</p>
<b>MAP</b>	<p><a href="#">Static Map</a> <a href="#">Interactive Map</a></p>

## PREQUALIFICATION REQUIREMENTS

<b><u>ROADWAY DESIGN</u></b>	<ul style="list-style-type: none"> <li>• Rural Roadway Design</li> <li>• Urban Roadway Design</li> <li>• Surveying</li> </ul>
<b><u>TRANSPORTATION PLANNING</u></b>	<ul style="list-style-type: none"> <li>• Traffic Forecasting</li> </ul>
<b><u>ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES</u></b>	<ul style="list-style-type: none"> <li>• Prehistoric</li> <li>• Historic</li> <li>• Highway Noise</li> <li>• Air Quality</li> <li>• Cultural Historic</li> <li>• Environmental Document Writing and Coordination</li> <li>• Socioeconomic</li> </ul>
<b><u>AQUATIC/TERRESTRIAL ECO-SYSTEMS</u></b>	<ul style="list-style-type: none"> <li>• Fisheries</li> <li>• Macroinvertebrates</li> <li>• Water Quality</li> <li>• Botany</li> <li>• Zoology</li> <li>• Wetlands</li> </ul>
<b><u>HAZMAT/UST</u></b>	<ul style="list-style-type: none"> <li>• Preliminary Site Assessment</li> </ul>

## PROJECT SCHEDULE & MILESTONES

<b>RESPONSE DATE</b>	December 12, 2007 4:30 p.m. (Frankfort Time)
<b>SELECTION COMMITTEE MEETING</b>	January 9, 2007
<b>PRE-DESIGN CONFERENCE</b>	January 23, 2007
<b>TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL</b>	February 6, 2008
<b>CONTRACT NEGOTIATIONS</b>	March 5, 2008
<b>NOTICE TO PROCEED</b>	May 1, 2008
<b>DRAFT REPORT (Scoping Study)</b>	<b>February, 2009</b>
<b>FINAL REPORT (Scoping Study)</b>	<b>May 1, 2009</b>

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

## EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or for federal, local or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on projects of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. DBE Participation Plan (4 Points)
6. Consultant's Kentucky office where work is to be performed. (2 points)

75% - 100% of work accomplished in Kentucky offices - 2 points

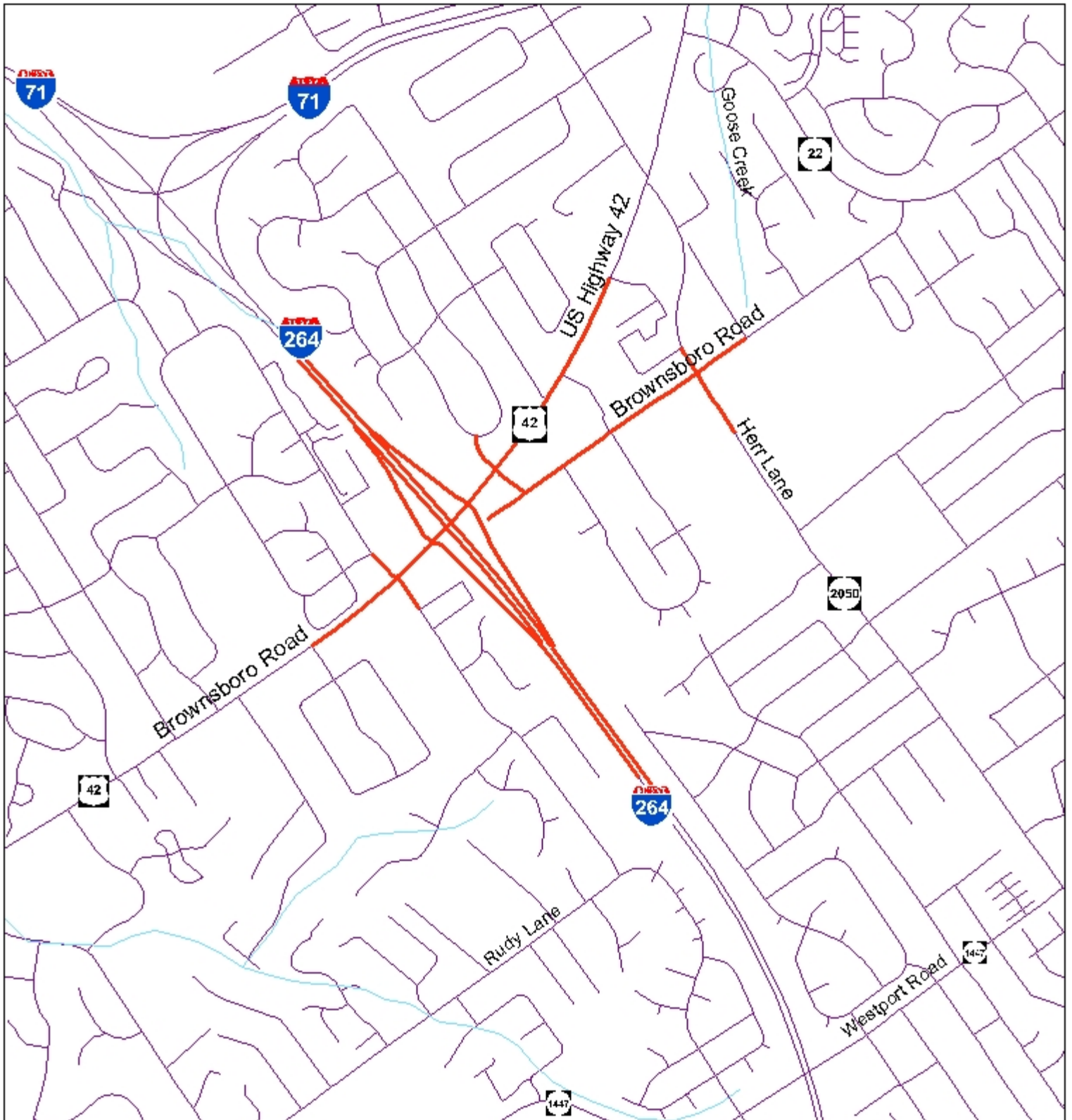
26% - 74% of work accomplished in Kentucky offices - 1 point

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

### SELECTION COMMITTEE MEMBERS

1. Carl B. Jenkins III, P.E., User Division
2. Bob Farley, P.E., User Division
3. Ed McCracken, Secretary's Pool
4. Stuart Goodpaster, Secretary's Pool
5. Howard Cruse, Governor's Pool

JEFFERSON COUNTY  
I-264 AT US 42 INTERCHANGE  
SCOPING STUDY AT I-264/US 42 INTERCHANGE



0 350 700 1,400 2,100 2,800 Feet



Legend

- I-264 Study Area
- Stream or Creek
- Roadways

