



**Missouri Department of Transportation**

*David B. Nichols, Director*

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1.888.ASK MODOT (275.6636)

April 8, 2014

Dear Consultant:

The Missouri Highways and Transportation Commission is requesting the services of a consulting engineering firm to perform the described professional services for the project included on the attached list.

If your firm would like to be considered for these consulting services, you may express your interest by responding to the appropriate office, which is indicated on the attachments. Limit your letter of interest to no more than three pages. This letter should include a statement to indicate your firm's understanding of the project. It should also include any other information which might help us in the selection process, including key personnel you would assign to the project and the backgrounds of those individuals, and any sub-consultants you would propose to use, and an indication of your firm's approach to promoting and developing a diverse workforce. MoDOT is committed to reflecting the diversity of the communities we serve and we expect our partners to do the same. We will utilize the consultant information already on file so we will not need a lengthy submittal of other general company information. In addition, please attach one page with detailed information on similar projects that your key personnel have worked on. Indicate the role your key personnel played in the projects and include reference contact information.

DBE firms must be certified by the Missouri Department of Transportation in order to be counted as participation towards an established DBE Goal. This project has a DBE goal of 10%. We encourage DBE firms to submit letters of interest as prime consultants for any projects they feel can be managed by their firm. We also encourage both DBE firms and non-DBE firms to consider joining MoDOT's Mentor/Protégé program whenever possible as part of a MoDOT project.

MoDOT will evaluate firms based on: Past Performance, Qualifications of Personnel Assigned, Familiarity/Capability, General Experience of Firm, and Accessibility of Firm and Staff. Firm's not providing a response on approach to workforce diversity and the DBE goal will be considered non-responsive to this solicitation. Firm's that are not current on all of the required prequalification categories found in MoDOT's Approved Consultant Prequalification List at the date of the solicitation expiration will be considered non-responsive.

We request all letters be received by 6:00 pm, April 21, 2014 at the appropriate office.

Sincerely,

Eric Schroeter, P.E.  
State Design Engineer

Attachment



*Our mission is to provide a world-class transportation experience that  
delights our customers and promotes a prosperous Missouri.*  
[www.modot.org](http://www.modot.org)

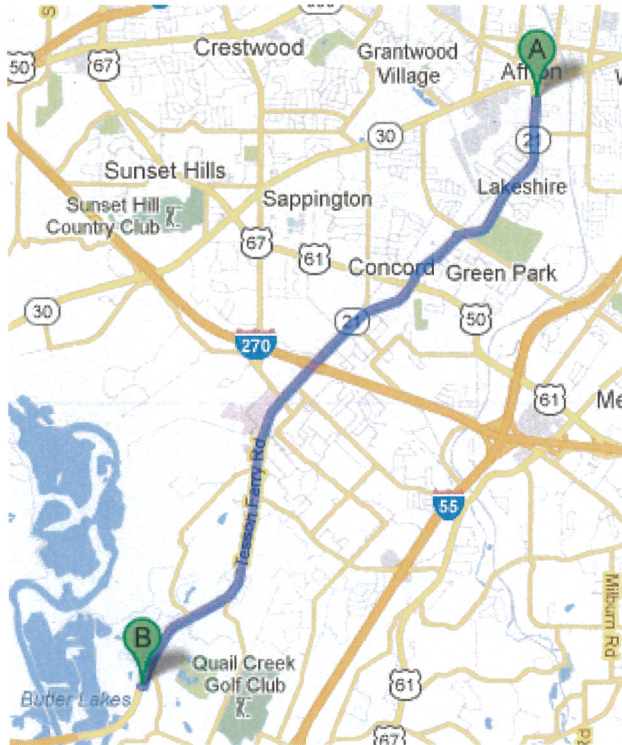
## **DISTRICT OFFICES**

District SL  
Greg Horn  
Missouri Department of Transportation  
1590 Woodlake Dr.  
Chesterfield, MO 63017

Contact  
Chris Hohowski  
314.565.6709  
[Christopher.Hohowski@modot.mo.gov](mailto:Christopher.Hohowski@modot.mo.gov)  
Email responses are encouraged

## District SL

State Route 21, St. Louis County – Rte 30 to Walden Ridge Drive – 7.0 Miles



<b>St. Louis County, Route 21</b>	
<b>Job No:</b>	J6P3018
<b>Location:</b>	Route 21 (Lutheran High School to Walden Ridge)
<b>Proposed Improvement:</b>	<p>Traffic counts and Signal Optimization of Route 21 (7 miles) including signals at the following intersections:</p> <ol style="list-style-type: none"> <li>1. Lutheran High School</li> <li>2. Reavis</li> <li>3. Musick-Green Park</li> <li>4. Baptist Church</li> <li>5. East Concord</li> <li>6. Concord School</li> <li>7. I-270</li> <li>8. Mattis</li> <li>9. Kennerly</li> <li>10. Towne South-Schuessler</li> <li>11. Bauer</li> <li>12. Butler Hill</li> <li>13. Old Tesson Ferry</li> <li>14. Cedar Plaza</li> <li>15. Duessel</li> <li>16. Suson Hills</li> <li>17. Hagemann Dushesce</li> <li>18. Walden Ridge</li> </ol>
<b>Approximate Project Cost:</b>	\$84,600
<b>Consultant Services Required:</b>	<ul style="list-style-type: none"> <li>▪ Thorough field investigation, survey, review &amp; observation of existing corridor conditions</li> <li>▪ Weekday and weekend traffic count collection for mainline and intersections</li> <li>▪ Signal timing plan development as needed</li> <li>▪ Building of Synchro, TruTraffic models for signal systems</li> <li>▪ Pre-project travel time runs</li> <li>▪ Review of locations with excessive delays</li> <li>▪ Development of diversion plans</li> <li>▪ Signal clearance and pedestrian timing as needed</li> <li>▪ Left turn TOD analysis (FYA) and implementation</li> <li>▪ Field implementation of signal timing plan</li> <li>▪ Respond to customer service calls regarding complaints and making adjustments as needed</li> <li>▪ Post travel time runs</li> <li>▪ Completion of field observation sheets</li> <li>▪ May require cooperative effort with other nearby</li> </ul>



	<p>or crossing concurrently optimized routes</p> <ul style="list-style-type: none"> <li>▪ Final report that includes: arterial analysis (arterial travel times, delays, avg. speeds, number of stops, arterial LOS, etc.) and intersection analysis (movement delays, queuing, LOS, etc). Noting especially corridor problem movements/locations. This report will also identify improvements to the corridor in terms of annual reductions in fuel consumption costs and vehicle pollutant emissions.</li> <li>▪ Short derivation of values obtained must be included, such as formulas used and where obtained</li> <li>▪ Results will be made available to the public.</li> </ul>
<b>Other Comments:</b>	Interviews and presentations will not be required.

### **Rating Criteria w/Weighted Values**

General Experience of Firm	15 Points Max
Past Performance	35 Points Max
Qualifications of Personnel Assigned	25 Points Max
Familiarity/Capability	15 Points Max
Accessibility of Firm & Staff	<u>10 Points Max</u>
	100 Points Max Total