



105 West Capitol Avenue  
P.O. Box 270  
Jefferson City, Missouri 65102

Missouri Department of Transportation  
*Patrick K. McKenna, Director*

1.888.ASK MODOT (275.6636)

March 9, 2021

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 **two** 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. 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: Project Understanding & Innovation, Past Performance, Qualifications of Personnel Assigned, General Experience of Firm, Familiarity/Capability, Accessibility of Firm & Staff. Firm's not providing a response on approach to workforce diversity 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 3:00 pm, April 9, 2021 at the appropriate office.

Sincerely,

Travis Koestner, P.E.  
State Design Engineer

*Our mission is to provide a world-class transportation system that is safe, innovative, reliable and dedicated to a prosperous Missouri.*

[www.modot.org](http://www.modot.org)

Attachment

**DISTRICT OFFICES**

SL District  
Thomas Blair – District Engineer  
Missouri Department of Transportation  
1590 Woodlake Drive  
Chesterfield, MO 63017

Contact  
Jamie Rana, PE, PTOE  
314-275-1531  
Jamie.Rana@modot.mo.gov  
Email responses are encouraged

## District SL

<b>St. Louis &amp; Jefferson Co, MO 100, US 61/67</b>	
<b>Job No:</b>	J6P3239
<b>Location:</b>	MO 100 (St. Louis County), US 61/67 (St. Louis & Jefferson County)
<b>Proposed Improvement:</b>	<p>Traffic counts and Signal Optimization of <b>MO 100</b> including the following signalized intersections in <b>St. Louis County</b>:</p> <ol style="list-style-type: none"><li>1. Taylor Rd</li><li>2. Westglen Farms Dr/Manchester Rd</li><li>3. Ellisville Tower Center Dr/Ellisville Town Center</li><li>4. Ruck Rd/Strecker Rd</li><li>5. Old State Rd/Hutchinson Rd</li><li>6. MO 340/Clarkson Rd/Kiefer Creek Rd</li><li>7. Beuckman Ford</li><li>8. Ballwin Plaza</li><li>9. New Ballwin Rd</li><li>10. Holloway Rd</li><li>11. Ballpark Dr</li><li>12. 7 Trails Dr/Ries Rd</li><li>13. Maple Ln</li><li>14. Baxter Rd/Sulphur Spring Rd</li><li>15. Henry Ave</li><li>16. Creve Coeur Ave/Old Meramec Station Rd</li><li>17. Rt 141</li><li>18. Manchester Highlands Blvd Dr</li><li>19. Enchanted Pkwy</li><li>20. Knollhaven Dr</li><li>21. Braeshire Dr</li><li>22. Weidman Rd</li><li>23. Manchester Meadows</li><li>24. Mason Rd</li><li>25. Barrett Station Rd</li><li>26. I-270</li><li>27. West County Mall</li><li>28. Ballas Rd/Rt JJ</li><li>29. Blase Ave</li><li>30. Lindemann Rd</li><li>31. Bopp Rd/Tallie Dr</li><li>32. Woodgate Dr</li><li>33. N Kirkwood Middle</li></ol>

34. Geyer Rd
35. US 61/Kirkwood Rd
36. Sylvan Pl
37. Woodlawn Ave
38. Sappington Rd
39. Warson Woods
40. Berry Rd
41. Kortwright Ave
42. McKnight Rd/Rock Hill Rd

Traffic counts and Signal Optimization of **US 61/67** including the following signalized intersections in **St. Louis & Jefferson County:**

1. Big Bend Rd
2. Kirkwood Commons
3. I-44 Ramps
4. Sunset Plaza
5. Rott Rd/E Watson Rd/Hwy 66
6. Eddie and Park Rd/W Watson Rd
7. Geyer Rd/Denny Rd
8. Gravois Rd/Rt 30
9. Sappington Rd
10. Roxanna Dr/Lindbergh HS
11. Hackberry Dr
12. Baptist Church Rd
13. Rte 21/Tesson Ferry Rd
14. Mueller Rd
15. Flori Dr/Yuma Dr
16. Concord Rd/Von Talge Rd
17. Rusty Rd/St Johns Church Rd
18. I-55 Ramps
19. Union Rd
20. Cordes Dr
21. Rt 267/Lemay Ferry Rd
22. S County Center Way
23. I-255 EB Ramp
24. Forder Rd
25. Central City
26. Mehl Ave
27. Keller Plaza Dr
28. Mattis Rd/Summit Knoll Dr
29. Butler Hill Rd
30. Baumgartner Rd/Meramec Bottom Rd
31. Starling Airport Rd

	<p>32. Tenbrook Rd/Fox  33. Rt 141  34. Michigan Ave/Ridgecrest Dr  35. Arnold Tenbrook Rd  36. Church Rd  37. Richardson Rd  38. Rockport School  39. Rt 231/Telegraph Rd  40. Imperial Main/River St  41. Winsor Harbor Rd  42. Rt M  43. Rt Z  44. McNutt St/Riverview Plaza  45. Joachim Ambulance  46. 6th St/8th Ave  47. Bailey Rd  48. Beffa St  49. Rt A  50. St Pius Dr  51. US 67/American Legion Dr  52. Rt CC/Old England Rd  53. Meyer Rd</p>
<b>Length:</b>	Approx. 47 miles
<b>Approximate Construction Cost:</b>	NA
<b>DBE Goal (if applicable)</b>	12%
<b>Consultant Services Required:</b>	<ul style="list-style-type: none"> <li>• Thorough field investigation, survey, review and observation of existing corridor conditions</li> <li>• Weekday &amp; weekend traffic count collection for mainline and signalized 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 data</li> <li>• Review of locations with excessive delays</li> <li>• Development of diversion plans</li> <li>• Utilization of newer features of ATC controllers per corridor need</li> <li>• Utilization of TCS time space diagrams, split monitoring tool and other features as needed</li> </ul>

	<ul style="list-style-type: none"> <li>• Clearance interval and pedestrian timing calculations</li> <li>• Left turn Time Of Day analysis (FYA) and implementation</li> <li>• Field implementation of signal timing plans</li> <li>• Post-project travel time data analysis</li> <li>• Respond to customer service calls/complaints and implement adjustments as necessary</li> <li>• Completion of field observation sheets</li> <li>• Final report that includes: arterial analysis (travel time, delays, average speeds, number of stops, arterial LOS, etc) and intersection analysis (movement delays, queuing, LOS, etc). Note significant 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>	<p>Interviews/presentation will not be required.</p> <p>Tentative Date of Consultant Selection- April 30, 2021</p>

**Rating Criteria w/Weighted Values**

Project Understanding & Innovation	25 Points Max
Past Performance	25 Points Max
Qualifications of Personnel Assigned	20 Points Max
General Experience of Firm	10 Points Max
Familiarity/Capability	10 Points Max
Accessibility of Firm & Staff	<u>10 Points Max</u>
	100 Points Max Total