



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)

September 22, 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, Oct 15, 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  
314-624-5035  
Jamie.Rana@modot.mo.gov  
Email responses are encouraged

**District SL**

<b>St. Louis County: Rt EE, Rt N, Rt U, RT CC, MO 21, MO 267 St. Louis City/County: MO 30, MO 115, I-70 Interchanges St Charles County: Rt K, MO 94</b>	
<b>Job No:</b>	J6P3511
<b>Location:</b>	Rt EE, Rt N, Rt U, RT CC, MO 21, MO 267, MO 30, MO 115, I-70 Interchanges, Rt K, MO 94
<b>Proposed Improvement:</b>	<p>Traffic counts and Signal Optimization of <b>Rt EE</b> including the following signalized intersections in <b>St. Louis County</b>:</p> <ol style="list-style-type: none"><li>1. Natural Bridge Rd</li><li>2. Guthrie Ave</li><li>3. North Ave</li></ol> <p>Traffic counts and Signal Optimization of <b>Rt N</b> including the following signalized intersections in <b>St. Louis County</b>:</p> <ol style="list-style-type: none"><li>1. Cool Valley Elementary School/Schnucks</li><li>2. Evans Ln</li><li>3. I-70</li><li>4. University Pl Dr</li><li>5. Bermuda Dr/St Anns Ln</li></ol> <p>Traffic counts and Signal Optimization of <b>Rt U</b> including the following signalized intersections in <b>St. Louis County</b>:</p> <ol style="list-style-type: none"><li>1. Lutheran HS N /Crusader D</li><li>2. Burrwood Dr</li><li>3. I-70 WB Ramps</li><li>4. I-70 EB Ramps</li><li>5. San Diego Ave/Lillian Ave</li></ol> <p>Traffic counts and Signal Optimization of <b>Rt CC</b> including the following signalized intersections in <b>St. Louis County</b>:</p> <ol style="list-style-type: none"><li>1. Edison Ave/Long Rd</li><li>2. Kehrs Mill Rd/Long Rd (N)</li><li>3. Kehrs Mills Rd/Wild Horse Creek Rd (S)</li><li>4. Chesterfield Elementary</li></ol>

Traffic counts and Signal Optimization of **MO 21** including the following signalized intersections in **St. Louis County**:

1. Lutheran HS S
2. Reavis Rd
3. Green Park Rd/Musick Ave
4. Baptist Church Rd
5. E Concord Rd
6. Concord School Rd
7. I-270 NB/SB Ramps
8. Mattis Rd
9. Kennerly Rd
10. Schuessler Rd/Towne S Rd
11. Bauer Rd
12. Butler Hill Rd/Butlerspur Rd
13. Old Tesson Ferry Rd
14. Cedar Plaza
15. Duessel
16. Suson Hills Dr
17. Duchesne Parque Dr/Hagman Rd
18. Walden Ridge Dr

Traffic counts and Signal Optimization of **MO 267** including the following signalized intersections in **St. Louis County**:

1. Military Rd
2. Bayless Ave
3. Hoffmeister Ave
4. Telegraph Rd
5. Reavis Barracks Rd
6. Lemay Plaza
7. Buckley Rd
8. Will Ave
9. Victory Dr

Traffic counts and Signal Optimization of **MO 30** including the following signalized intersections in **St. Louis City/County**:  
City:

1. Hampton Ave/Germania St
2. River Des Peres Blvd
3. Seibert Ave
4. Heege Rd
5. Weber Rd

6. Rt P/Mackenzie Rd
7. Rt 21/Rock Hill Rd/Tesson Ferry Rd
8. Valcour Ave
9. Laclede Station Rd
10. Grant Rd/Mc Nary Dr
11. Musick Rd
12. Baptist Church Rd
13. Eddie & Park Rd
14. Sappington Rd

Traffic counts and Signal Optimization of **MO 115** including the following signalized intersections in **St. Louis County**:

1. I-70 SOR
2. Brown-McDonnell
3. I-170 SB Ramp
4. I-170 NB Ramp-Springdale Ave
5. N Hanley Rd
6. Clearview Dr/West Dr
7. Arlmont Dr/University Dr
8. Normandy JR HS
9. St. Ann's Ln
10. Rt U
11. Jennings Station Rd/Kienlen Ave

Traffic counts and Signal Optimization of **MO 115** including the following signalized intersections in **St. Louis City**:

1. Clara Ave
2. Belt Ave
3. Schnuck's
4. Union Blvd
5. Kingshighway Blvd
6. Euclid Ave
7. Shreve Ave
8. Marcus Ave
9. Taylor Ave
10. Newstead Ave
11. Fair Ave
12. Prairie Ave
13. Grand Blvd
14. Garrison Ave
15. Glasgow Ave
16. Farrar St
17. Florissant Ave

Traffic counts and Signal Optimization of **I-70 Interchanges** including the following signalized intersections in **St. Louis City/County**:

1. Kingshighway WB Ramp
2. Kingshighway EB Ramp
3. Union WB Ramp
4. Union EB Ramp
5. Goodfellow WB Ramp
6. Goodfellow EB Ramp
7. Hanley WB Ramp
8. Hanley EB Ramp

Traffic counts and Signal Optimization of **Rt K** including the following signalized intersections in **St. Charles County**:

1. I-70 WB Ramps/Terra Ln
2. I-70 EB Ramps
3. Veterans Memorial Pkwy
4. O'Fallon Pointe
5. Mexico Rd
6. Mexico Loop Rd/Home Depot
7. Megan Crossing/Clear Creek Dr
8. Mill Pond Dr/Winding Woods Dr
9. Faise Rd/Laura Hill Rd
10. Target/Kohl's
11. Hutchings Farm Dr
12. BJC/Dardenne Elementary School
13. Fallon Pkwy/Royallsprings Pkwy
14. Christina Marie Dr
15. Rt N
16. MO 364
17. MO 364 SOR
18. Pheasant Meadow Dr/Waterford Crossing
19. O'Fallon Rd
20. Waterbury Falls Dr
21. Crusher Dr
22. I-64 NOR/Technology Dr
23. I-64 WB Ramps
24. I-64 SOR

Traffic counts and Signal Optimization of **MO 94** including the following signalized intersections in **St. Charles County**:

1. Westwood Dr/Florence Dr
2. Wolfrum Rd

	<ol style="list-style-type: none"> <li>3. O'Fallon Rd/Center Pointe Hospital Dr</li> <li>4. Ceder Glen Dr/Beckman Dr</li> <li>5. Siedentop Rd</li> <li>6. I-64 WB</li> <li>7. I-64 SOR</li> </ol>
<b>Length:</b>	Approx. 40 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> <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</li> </ul>

	<p>terms of annual reductions in fuel consumption costs and vehicle pollutant emissions.</p> <ul style="list-style-type: none"> <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- Nov 5, 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