



November 15, 2013

Missouri Department of Transportation  
105 West Capitol Avenue  
Jefferson City, Missouri 65102

SUBJECT: LPA On-Call: Roadway Design

creating remarkable solutions  
for a higher quality of life

Dear Selection Committee:

GBA has provided roadway design services for numerous municipalities and county agencies throughout the State of Missouri over the past 40 years. We have worked with the local agencies to produce high quality plans, and help them achieve their transportation goals.

#### **General Experience**

GBA employs in-house specialists required to complete all aspects of roadway design services — including engineers and planners experienced in surveying, utility coordination, land planning, transportation planning, highway, bridge, traffic, noise, floodplain analysis, hydrologic studies, and environmental specialists.

225 S Main Street, Ste 200

O'Fallon, Missouri

63366-2892

636.240.2444

636.978.2901 fax

#### **Familiarity/Capability**

GBA is a proven partner in delivering successful transportation projects to the residents of Missouri. We understand how to match project goals to project budgets without compromising quality or safety. Our engineers are committed to helping our clients continue to be leaders in innovation.

GBA has a history of responsive service while providing high quality solutions, even when faced with accelerated schedules.

#### **Accessibility**

We have had the opportunity to provide design services for local public agencies for many years from our offices in the Kansas City and St. Louis areas. We look forward to continuing these relationships and for future partnering opportunities.

#### **Qualifications of Personnel**

The GBA staff members that we would commit to the on-call roadway design have the experience of providing the required professional services, and will work with the local agency staff to successfully complete their project within the required schedule.

We have assembled staff composed of individuals with experience on roadway design projects the have followed the LPA process. Many of our project management staff members have completed the LPA Basic Training certification, including Dan Shane, Bryan Blizzard, Mike Erdtmann, Dave Mennenga, and Tim Rohrbacker.

GBA Companies

Lenexa, KS

Kansas City, MO

O'Fallon, MO

St. Louis, MO

St. Joseph, MO

Omaha, NE

Rock Island, IL

Broomfield, CO

[www.gbateam.com](http://www.gbateam.com)

Our key staff and their primary project responsibilities and years of transportation experience are as follows:

- **Tim Ross, P.E.** – Transportation Group Leader, 35 years of experience
- **Clarence Munsch, P.E.** – Highways/Streets Group Leader, 32 years
- **Dan Shane, P.E.** – Transportation Group Leader St. Louis Region, 20 years
- **Cory Clark, P.E.** – Municipal Streets Leader, 19 years
- **Bryan Blizzard, P.E.** – Project Manager, 12 years
- **Mike Erdtmann, P.E.** – Project Manager, 8 years
- **Paul Bertrand, P.E., PTOE** – Traffic Engineering, 40 years
- **Dave Mennenga, P.E., PTOE** – Traffic Impact Studies, 17 years
- **Mark Stuempel, P.E., PTOE** – Noise Studies, 18 years
- **Tim Rohrbacker, P.E.** – Roadway Design, 14 years
- **Kevin Olson, P.E.** – Traffic Signal Design, 6 years
- **Mark Doerflinger, P.E.** – Bridge Design, 25 years
- **Les Barnt, P.E.** – Environmental Services, 22 years
- **Paul Miller, P.E., CFM** – Geomorphology, 18 years
- **Todd Trotter** – Environmental Services, 12 years
- **Andrew Riddle, PLS** – Design Survey, 16 years

### **Workforce Diversity**

GBA is an Equal Opportunity Employer, with a commitment to workforce diversity through recruiting and placing the most qualified persons, regardless of race, religion, color, national origin, age, sex, marital status, disability, veteran status or genetic information. Twenty percent of our transportation professionals fall within the diversity classification.

### **LPA Roadway Design Qualifications and Experience**

GBA has a strong background in transportation engineering and has the necessary qualifications and experience in the following transportation facility designs:

- |                                              |                                           |
|----------------------------------------------|-------------------------------------------|
| • <i>Roadway Design</i>                      | • <i>Traffic Calming Design</i>           |
| • <i>Bridge Design</i>                       | • <i>Intersection Safety Improvements</i> |
| • <i>Retaining Wall Design</i>               | • <i>Signal Coordination Plans</i>        |
| • <i>Roadway Hydraulics and Hydrology</i>    | • <i>Pavement Marking &amp; Signage</i>   |
| • <i>Water Quality and BMPs</i>              | • <i>Environmental Permitting</i>         |
| • <i>Traffic Control Plans</i>               | • <i>Topographic Survey</i>               |
| • <i>Traffic Signal Studies &amp; Design</i> | • <i>Boundary Survey</i>                  |
| • <i>Noise Studies</i>                       | • <i>Erosion and Sediment Control</i>     |
| • <i>Roadway &amp; Parking Lighting</i>      | • <i>SWPPP Documentation</i>              |
| • <i>ITS</i>                                 | • <i>Traffic Count/Data Collection</i>    |
| • <i>Traffic Impact Studies</i>              | • <i>Computer Modeling &amp; Analysis</i> |
| • <i>Parking Studies &amp; Design</i>        | • <i>Signal Timing Plans</i>              |
|                                              | • <i>Roundabout Analysis &amp; Design</i> |

Over the past 10 years, GBA has successfully completed more than 50 transportation engineering projects with federal aid program agreements for local agencies, adhering to the LPA program requirements. These projects included analyses, studies, and technical design on projects working closely with various local agencies throughout the State of Missouri.

During this time period, GBA personnel have worked directly with the local agencies and the MoDOT Local Roads staff on various federal programs, such as Surface Transportation (STP), Off-System Bridge Replacement (BRO), Congestion Mitigation and Air Quality CMAQ), Safe Routes to School (SRTS), and Transportation Enhancements (TE).

As a result, we are very familiar with the LPA process and requirements mandated by the Federal Highway Administration for administering transportation projects. From the programming and obligation of funds, through the final PS&E submittals, GBA has the capabilities and capacity to deliver projects within the designated budgets and schedule requirements.

GBA has served as an on-call engineering specialist for the following clients, which further demonstrates our ability to deliver projects within the FHWA parameters, and help the local agencies through the LPA process:

- *City of Dardenne Prairie*
- *City of Lake Saint Louis*
- *City of Cottleville*
- *City of Flint Hill*
- *City of Town and Country*
- *City of Eureka*
- *City of Creve Coeur*
- *City of O'Fallon*
- *City of Brentwood*
- *City of Richmond Heights*
- *City of St. Clair*
- *City of Clayton*
- *City of Kansas City, KS*
- *City of Roeland Park, KS*
- *Platte County, Mo.*
- *MoDOT*
- *KDOT*

GBA is also pre-qualified to perform Missouri Traffic Engineering Assistance Program (TEAP) studies sponsored by the Federal Highway Administration.

We thank you for your consideration of GBA to provide the needed professional on-call services for the Local Public Agency Program. Should you have any questions, or need additional information, please feel free to contact us at 913.492.0400.

Sincerely,

GEORGE BUTLER ASSOCIATES, INC.



Timothy J. Ross, P.E.  
Senior Vice President/Principal

Firm Profile

GBA is a full-service professional design firm providing a wide range of engineering and architectural services to clients in the public and private sectors. These clients include cities, counties, state and federal agencies, school districts, commercial and residential developers, major corporations, hospitals, educational institutions, utility companies, professional service firms, and contractors.

Since GBA's establishment in 1969, the firm has grown dramatically in both size and capability. Some of this growth can be attributed to the expanded use of services by many of GBA's earliest clients. GBA's growth is also the result of the firm's ability to attract a highly qualified staff of professionals representing a broad spectrum of design and planning disciplines. This enables GBA to organize "in-house" project teams with the specialized experience uniquely suited for each project. With an experienced multi-disciplined staff, GBA provides clients with a wide range of project types and design capabilities including:

- Traffic analysis and engineering
- Roadways and bridges
- Construction Inspection
- Surveys
- Storm water management
- Water treatment and distribution
- Sewage collection and treatment
- Lake and dam design & restoration
- Building design and space planning
- Business and industrial parks
- Commissioning
- Environmental studies and permitting
- Energy studies and retrofit
- HVAC systems
- Utility studies and systems
- Fire protection and life safety
- Park and recreation facilities
- Residential development
- Renewable energy feasibility studies and turnkey projects

GBA has worked hard to establish and maintain a reputation for uncompromising quality, on-time project completion, and fair and reasonable fees.

Each project is considered in its entirety, within the boundaries specified by the client and with the comprehensive experience and expertise of the GBA staff. The result is an innovative, functional, and cost-effective design.

