



July 8, 2015

Ms. Missy Wilbers, PE
Design Support Engineer
Missouri Department of Transportation
Central Office – Design
105 W. Capitol
P.O. Box 270
Jefferson City, MO 65102

RE: Notification of Company Name Change

Lochmueller Group, formerly Bernardin Lochmueller & Associates, is pleased to submit this letter notifying the Missouri Department of Transportation of our name change that took place in May of 2014.

Please do not hesitate to contact me at 314.621.3395 or dshatto@blainc.com if you have questions or require additional information.

Sincerely,

Lochmueller Group

A handwritten signature in black ink that reads "Douglas S. Shatto".

Douglas S. Shatto, PE, PTOE
Branch Manager



September 1, 2015

Ms. Mary Ann Jacobs
Central Office-Local Programs Administrator
MaryAnn.Jacobs@modot.mo.gov

RE: Missouri's Local Program On-Call Services - Letter of Interest for Roadway Design

Dear Ms. Jacobs:

Lochmueller Group, Inc. (Lochgroup) understands the importance of selecting a firm that can provide competently engineered highway and roadway plans as well as related design studies. Given our background as a transportation and infrastructure engineering firm, we recognize the importance of these services to Local Public Agencies that allow improvements in efficiency of these facilities, thereby maximizing benefit/cost performance at a time of significant budgetary limitations.

General Experience of Firm

Lochmueller Group, Inc. (Lochgroup) is a distinguished multi-disciplined firm that has provided expert transportation and infrastructure solutions to public agencies for over 30 years. We offer a full suite of services including all aspects of transportation engineering as well as planning, right-of-way acquisition/appraisal and environmental evaluation. We have more than 170 employees distributed across seven offices around the Midwest, including 15 personnel in our St. Louis and St. Charles County offices.

It should be acknowledged that Lochgroup's St. Louis office was established only five-and-one-half years ago. However, it is staffed by personnel that have spent their entire careers working for or with MoDOT and agencies throughout eastern and central Missouri. Our staff of professionals has well over 130 years of collective experience throughout the region and we are committed to furthering our relationships with MoDOT and the municipal agencies in this area.

In fact, we are currently working with a half dozen different communities in varying capacities related to local roadway, sidewalk and transportation projects. We are familiar with the LPA process and have eight (8) individuals certified as Person In Responsible Charge. Moreover, our roadway design capabilities are augmented by in-house expertise in bridge design, hydraulic (storm water) design and right-of-way acquisition and appraisal, thereby allowing us to quickly and accurately address tangential issues related to many LPA projects.

Lochgroup's Roadway Design experience includes the preparation of preliminary plans, contract plans/documents, permitting assistance, assisting with bidding, PS&E, MoDOT Coordination, right-of-way assistance, and construction administration. Examples of our roadway design experience include local agency projects and permit projects, as follows:

Fountain City Road Bridge & Roadway Improvement Project, Jefferson County, Missouri. This project consisted of replacing the existing 30-ft-long concrete slab bridge with a new precast, pre-stressed deck beam bridge. The project included adjacent roadway and creek channel improvements to the bridge geometrics and hydraulics. The roadway was realigned to improve safety and functionality, while also providing new sidewalks and improved sight distances for the traveling public. This project followed the Missouri Department of Transportation and Local Public Agency guidelines and received federal funding.

Clarkson / Kehrs Mill Road Intersection Improvements, Chesterfield, Missouri. Lochgroup prepared the design plans for the reconstruction of the intersection at Missouri Route 340 (Clarkson Road) & Kehrs Mill Road to accommodate the development of a new grocery store. This project included roadway widening and the provision of new ADA/pedestrian accommodations at the intersection. The project required integration of the standards for the St. Louis County Department of Highways and Traffic, MoDOT and the Metropolitan Sewer District (MSD) while also coordinating with the developer, City, and Transportation Development District.

N. Lindbergh Boulevard at Sunswept Drive Signalization and Improvement, Florissant, Missouri. Lochgroup designed a new signalized entrance opposite Sunswept Drive for a proposed retail store on the south side of Lindbergh Boulevard. A new eastbound right-turn lane was designed and the center turn lane was re-striped and augmented with medians to provide dedicated left-turn lanes in both directions on Lindbergh Boulevard. Cross-access improvements were also designed for the adjacent properties.

411 North 10th Street, Suite 200
St. Louis, Missouri 63101

PHONE: 314.621.3395

Past Performance

Lochgroup is increasingly involved in LPA projects for a number of different communities, having implemented numerous roadway, sidewalk, ADA compliant, and Safe Routes To School (SRTS) projects. Given that history, Lochgroup is ideally positioned to facilitate the implementation of Roadway Design projects. The most current examples of our LPA project experience include the following:

Project Name and Location	Client / Reference	Key Staff Involved / Year Completed	Project Description / Role of Firm
Jackson Avenue Pedestrian Improvement Project, University City, Mo STP 5402 (608)	Ms. Angelica Guitterez Project Manager City of University City agutierrez@ucitymo.org	Scott J. Smith, PE Project Manager Active: Design Complete; Anticipated Completion 12/2013	Reconstruction of the existing asphalt roadway with a new curb and gutter system along with designing new concrete sidewalks, pedestrian crossings, and midblock pedestrian signals adjacent to two schools. This project also included construction inspection services following MoDOT, LPA and ADA guidelines.
Conway Road Sidewalk Improvement Project, Frontenac, Missouri STP 5503 (606)	Mr. Jeff Wappelhorst Director of Public Works City of Frontenac, Missouri Jeff@cityoffrontenac.org	Scott J. Smith, PE., Project Manager Garry Aronberg, PE, Hydraulic Design Active: Design Complete in 12/2013; Anticipated Construction 6/2014	This project implemented 2800 linear feet of new asphalt roadway and concrete sidewalks along with curb and gutter from Spoede Road to Lindbergh Boulevard (Route 67). This project improved pedestrian safety by creating a viable access for the public. Stormwater drainage was also improved with the implementation of a new curb and gutter system and adjusting adjacent driveway and intersection pavement grades.
Lillian Avenue Improvement Project, Northwoods, Mo STP 5503 (605) SRTS-INF-H31F (101)	Ms. Lillian Eunice City Administrator City of Northwoods, MO leunice@cityofnorthwoods.com	Scott Smith, PE Project Manager Jeff Braddock Designer Start: 6/2013 Completion: 9/2014	Lochgroup designed improvements that included new pavement, stormwater drainage corrections and a new sidewalk along the south side of Lillian Avenue between Lucas & Hunt Road and Jennings Station Road to meet current ADA standards. Lochgroup designed a new concrete curb and gutter system as well as implemented SRTS amenities such as concrete bus stop pads, ADA compliant curb ramps and crosswalks. This project followed the MoDOT, LPA and ADA guidelines.

Qualifications of Personnel

Our proposed team of specialists is prepared and capable of handling all facets of roadway design projects to include widening, resurfacing, pavement reconstruction, utility design and coordination, right of way, environmental clearance, traffic signals and lighting, sidewalks and trails (as part of a roadway project), and parking lot design.

Douglas Shatto, PE, PTOE has 30 years of engineering experience in St. Louis. Doug will capitalize on this experience to serve as Project Principal, providing oversight for Lochgroup’s team and being actively involved in project administration and QA/QC.

Scott Smith, PE, Manager of Transportation Design, has 20 years of experience including 14 years with the Cities of Florissant and Wentzville, Missouri as City Engineer and Director of Public Works. His tenure with those public agencies provides local agencies with invaluable perspective and experience as well as well-rounded knowledge of how to manage and administer LPA projects. He has been involved in all phases of projects including fee negotiation, plan and specification preparation, cost estimating, quality assurance, bidding and construction administration.

Jeffrey Braddock, LEED AP has more than 27 years of experience in civil design engineering with an emphasis on roadway design, including 15 years as a designer at MoDOT. His responsibilities include collaborating and designing various phases of project plans from conceptual through construction documents.

Steven Thompson is a Senior Appraiser and Right-of-Way Negotiator with over 27 years of experience. Steve is a Certified General Real Estate Appraiser and is skilled in right-of-way cost estimates, improved residential and commercial valuation, commercial and residential land valuation, complex before and after appraisal reports, and easement valuation. Previously Steve was employed at MoDOT for 21 years where he served as a Senior Right-of-Way Specialist.

Garry Aronberg, PE is a Water Resources Manager with over 37 years of experience including drainage design and hydraulic reports for roadway projects. He has been involved in all phases of projects: design, plan and specification preparation; cost estimating; and quality control. His experience includes storm sewer design and municipal stormwater planning.

Familiarity/Capability

This group has spent their entire career working on projects related to Roadway Design throughout eastern and central Missouri. They are intimately familiar with the municipalities in this region as well as the personnel. Moreover, they are experienced working with local design standards and meeting the expectations of those agencies, having previously been involved in the establishment of those expectations.

We have strong relationships with MoDOT and local LPA administrative personnel, having worked directly for MoDOT or the municipalities. Our team is familiar with the LPA process and has an understanding of the pertinent issues and processes that must be followed. In addition, our Roadway Design services are complimented by in-house expertise in other fields (i.e., GIS, right-of-way, environmental, etc.) that develops comprehensive, synergistic solutions to assist LPAs specifically with public engagement.

Accessibility

Lochgroup has successfully designed multiple roadway projects within a 150-mile radius of St. Louis. Our staff is highly responsive, mobile and readily available to new challenges. We take pride in being accessible and responsive to the agencies we serve, prioritizing communication and timeliness, applying the same urgency that is typically imposed by our private clientele. Moreover, our collective staff in the St. Louis region provides depth and redundancy that allows us to work concurrently on multiple assignments.

By selecting this team, Missouri's Local Program for Roadway Design will receive a:

- Local team of specialists ready and excited to work on your project;
- Dedicated team of professionals that take great pride in on-time delivery and quality deliverables without the need for "hand holding". These projects will be of significant strategic importance to us and we will treat them accordingly; and
- Experienced team with more than 130 years of cumulative transportation engineering experience in eastern Missouri and the St. Louis Region.

Thank you for the opportunity to submit our qualifications. Please call us at 314.621.3395.

Sincerely,
Lochmueller Group, Inc.



Douglas S. Shatto, PE, PTOE
Branch Manager – Transportation Services Manager

Founded by former MPO directors over 30 years ago, Lochmueller Group specializes in infrastructure design for local and state agencies throughout the Midwest.

We understand the challenges facing clients today and continually strive to maximize benefits at every stage of a project's life to provide designs that are...

Paving the Way to **BETTER ROADS**



**LOCHMUELLER
GROUP**

Reinvent Your Future

...SENSIBLE

As planners, as well as designers, we appreciate that the short- and long-term needs driving projects are unique and can change over time due to economic, demographic, technical, environmental, or other dynamic conditions. In an era where officials and taxpayers have little tolerance for additional funding due to unanticipated needs, we find that investing a little more to gain a thorough assessment of current conditions and goals before design begins, yields big dividends in saving time and money later on.

A large part of our success in finding cost savings is due to our holistic approach to projects. Designers work daily with in-house experts in environmental services, traffic, right-of-way, constructability, and public outreach to evaluate all aspects of a project. This includes access and economic development impacts, environmental permitting considerations for both the natural and human environments, and traffic concerns.

"The city appreciates the sensitivity Lochmueller Group showed in developing an innovative solution that considered the aesthetic and economic development impacts of this project on the community, while at the same time increasing safety for our residents and supporting the business goals of one of our largest employers."

...INTEGRATED

The diversity of transportation projects is infinite, with each project having its own unique features with respect to size, conditions, budget, and schedule. In addition third parties, such as utilities, property owners, permitting agencies and others can have major impacts on both schedules and budgets.

That's why we've found the best way to maximize value and avoid headaches is to integrate a variety of disciplines seamlessly throughout the design process. Often minor changes in design can eliminate or reduce right-of-way, environmental, or utility impacts. Public involvement experts also assist in communicating to stakeholders and building project consensus.

With offices throughout the Midwest, our design staff also shares their knowledge of what new approaches and materials various states are using and how they work.

The Best Time to Save Money Is Before a Project Starts

When asked to review the scope of an intersection improvement project, Lochmueller Group roadway designers consulted with in-house traffic experts, who determined that resigning and restriping the intersection would solve the high crash rate—saving over \$700,000 in construction costs.



"When we were forced to accelerate our schedule to accommodate another project, Lochmueller Group did an excellent job of delivering a quality design at a brisk pace and staying on top of utility coordination to make sure there were no conflicts when construction was ready to begin."

...SUSTAINABLE

Many municipal clients today are looking for projects that not only address transportation needs, but improve quality of life and enhance economic attractiveness. Lochmueller Group has designed a number of projects that incorporate elements such as:

- Roundabouts
- Green Infrastructure for Stormwater Run-Off
- Bikeway & Pedestrian Facilities
- Stream & Habitat Mitigation
- Aesthetic Design Elements & Streetscape
- Transit-Oriented Design

"Lochmueller Group delivered an exceptional design that incorporated the needs of all residents. Thanks to Lochmueller Group's resourcefulness, our city will now be a better, more accessible place for all residents."



...CONSTRUCTIBLE

Lochmueller Group's in-house staff of resident engineers and construction inspectors provides a resource to designers in terms of constructability and understanding of how contractors view designs. They are well acquainted with the most cost-efficient approaches to construction and with what works best in the field, as well as on paper. Their expertise is available to provide insights to changing material and labor costs and construction phasing.



"Your specifications and addenda were very well thought out and very descriptive of what will be expected. I truly do believe that better plans and specs provide the owner with the best possible bids and will turn into a successful project."

OFFERING

STRUCTURAL DESIGN

- Bridge Inspection
- Bridge Replacement
- Bridge Rehabilitation
- Historic Bridge Rehabilitation
- Overpasses & Interchanges
- Retaining Walls
- Drainage Structures
- Railroad Bridges
- Load Rating

ROADWAY DESIGN

- Urban/Residential Street Design
- Complete Streets
- Highway/Freeway Design
- Interchanges
- Multi-Modal Facilities
- Signage Inventory & Design
- Pavement Markings
- Traffic Signal Design
- Streetscape
- Complete Streets

TRAFFIC ENGINEERING

- Traffic Signal Warrants Evaluations
- Traffic Signal Timing/Optimization
- Safety Studies
- Parking Studies
- Intersection Design Studies
- Traffic Calming

TRAFFIC PLANNING

- Traffic Impact Studies
- Site Access Planning
- Feasibility Studies
- Access Justification Reports
- Access Management

- Transportation System Management
- Roundabout Analysis & Design
- Traffic Calming

TRANSPORTATION PLANNING

- Long-Range Transportation Plans
- Transit Systems
- Pedestrian & Bicycle Transportation
- Context Sensitive Solutions
- Public Outreach & Education
- Street & Road Asset Management

ENVIRONMENTAL SERVICES

- NEPA Corridor Studies & Documentation: Environmental Impact Statements & Assessments
- Indirect & Cumulative Impacts Analysis for Natural Resources
- Socioeconomic Impacts
- Noise Analysis Modeling & Barrier Studies
- Section 106 of NHPA for Historic Structures and Archaeological Sites
- Section 4(f) Documentation
- Stream Assessments & Mitigation/Restoration
- Karst Studies
- Field Surveys for Animals, Plants & Ecosystems
- Threatened and Endangered Species Consultation
- Water Quality Testing
- Section 404 Permit from the United States Army Corps of Engineers
- Stormwater Permitting
- Wetland Delineations, Designs, Monitoring, Maintenance, Site Selection and Land Acquisition

LAND ACQUISITION SERVICES

- Abstracting
- Analyzing Property Lines
- Evaluating Existing Land Rights
- Existing Road Right-of-Way Analysis
- Legal Descriptions
- Right-of-Way Parcel Plats
- Staking Right-of-Way
- Appraisals & Review Appraisals
- Negotiations
- Relocations

STORMWATER MANAGEMENT

- Bioswales & Rain Gardens
- Constructed Wetlands
- Retention Basins

CONSTRUCTION PHASE SERVICES

- Constructability Review
- Bid Review
- Inspection & Observation
- Conflict Resolution
- Construction Testing
- Project Record-Keeping

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