

# **RHODES ENGINEERING CO., INC.**

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## **CONSULTING ENGINEERS**

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Water Supply – Sewerage  
Bridge and Roadway Design  
Urban Planning and Development  
Evaluation – Rate Studies  
Construction Layout and Supervision  
Storm Drainage Analysis and Design



## **On-Call LPA Professional Engineering Services Structures Category**

Rhodes Engineering Company maintains the general experience, past performance, familiarity/capability and accessibility for providing on-call Local Public Agency (LPA) professional engineering services for structures. We believe our firm is particularly well suited for these types of projects because of our previous experience designing BRO and Credit Match structures over the past 37 years. Rhodes Engineering Company has completed professional design engineering services for more than 135 BRO and Credit Match bridge replacement projects in North Central Missouri. Rhodes Engineering Company is currently listed on MoDOT's Approved Consultant Prequalification List. Current clients include Carroll, Linn, Saline, and Howard Counties.

### **GENERAL EXPERIENCE**

Rhodes Engineering Company has provided engineering services associated with the planning, design, and construction of structures since inception of the BRO program approximately 37 years ago. Structures we have provided design services for have included pipe culverts, reinforced concrete box culverts, single-span bridges, which have included mechanical stabilized earth retaining walls, and multi-span bridges ranging from three to six spans. Our firm has provided engineering services to the Linn County Commission for 56 Off-System bridge replacement projects over the past 37 years. The Carroll County Commission has employed our firm for 52 completed Off-System structures over the past 27 years. The 53<sup>rd</sup> project for Carroll County, BRO-BO17(82) consisting of a single span bridge, is currently in the design phase. The Saline County Commission has utilized the services of Rhodes Engineering Company for 11 completed BRO projects over the past 22 years. The 12<sup>th</sup> project for the Saline County Commission, BRO-B097(53), is currently in the design phase. Rhodes Engineering Company has provided engineering services for the Howard County Commission for the past 14 years and provided engineering services for 6 completed BRO projects. Programming documents for the 7<sup>th</sup> BRO project were recently submitted to MoDOT for approval.

### **PAST PERFORMANCE**

Rhodes Engineering Company is dedicated to providing the highest quality product to each client regardless of their size or contract amount. We make every effort to produce technically correct, clear and concise design and control documents to enhance the contractors understanding and implementation of the project. We have checks and balances throughout our project review system to ensure a consistent and viable quality control program. We take pride in our dedication



to provide professional services with personal attention to each one of our clients, and to their projects. Rhodes Engineering Company has specialized in working for rural communities and counties in Northern Missouri exclusively since 1967. Our firm has offered services to clients continuously for more the 55 years, while providing engineering services for more than 135 federally funded BRO or locally funded Credit Match bridge replacement projects over the past 37 years.

Rhodes Engineering Company will provide all of the required LPA manual paperwork for the proposed project from the programming stage through the close-out stage. The paperwork will also include all of the necessary documents for right-of-way and temporary construction easement acquisition, as well as environmental permit clearances. We will negotiate with adjacent property owners for the necessary right-of-way and temporary construction easement acquisition to allow for the construction of the proposed structure for a project. We also maintain a proven past performance record of negotiating with property owners for more than 160 LPA completed projects and negotiating for more than 600 parcels.

### **FAMILIARITY/CAPABILITY**

Having completed more than 135 Off-System Bridge Replacement projects over the past 37 years, the staff of Rhodes Engineering Company is very familiar with the requirements and guidelines of MoDOT's LPA Manual for delivering a federally compliant project. Due to our extensive experience in design of structures, we are fully qualified, have personnel available and capability to provide the necessary engineering services relative to structures for the BRO or Credit Match bridge replacement projects. Rhodes Engineering Company has the capability to undertake a project with a structure and meet the LPA schedule that will be set forth in the BRO Program Agreements with MoDOT. That commitment is made possible because of the diversity of our staff, our current moderate workload, and our experience and efficiency in designing such projects. Each of our staff members are also MoDOT certified technicians for field testing of concrete.

### **ACCESSIBILITY**

We have a proven record of past accessibility for each one of clients that we have provided services for Off-System Bridge Replacement projects. We believe it is prudent to establish an open channel of communication with each LPA client. Past LPA clients of Rhodes Engineering Company can attest to our firm's prompt response to when a LPA clients' need arises. The best means to provide evidence of our past proven record of accessibility is our long-term relationship with each of our four current LPA Off-System Bridge Replacement project clients ranging from 14 to 37 years. These clients with telephone phone number are listed on the following pages.

We trust you will find our qualifications to be acceptable for design engineering services for LPA structures. We want to be involved in these much-needed projects and will be committed to meet all performance and schedule goals established by each LPA.



## LPA Off-System Bridge Replacement Structures

RHODES ENGINEERING COMPANY OFFERS COMPLETE OFF-SYSTEM BRIDGE SERVICES



### **Linn County Bridge #2650001**

#### **MoDOT Project BRO-B058(27)**

90' Single-Span & Mechanical Stabilized  
Earth Retaining Walls

**Construction Cost:** \$1,603,373

**Reference:** Dick King

Presiding Commissioner

**Phone:** (660) 895-5417



### **Saline County Bridge #04000181**

#### **MoDOT Project BRO-B097(45)**

300' Six-Span

**Construction Cost:** \$570,726

**Reference:** Kile P. Guthrey, Jr.

Presiding Commissioner

**Phone:** (660) 886-7777



### **Saline County Bridge #41950011**

#### **MoDOT Project BRO-B097(52)**

16' X 8' Double Box Culvert, 27'  
Roadway Width

**Construction Cost:** \$733,417

**Reference:** Kile P. Guthrey, Jr.

Presiding Commissioner

**Phone:** (660) 886-7777



### **Carroll County Bridge #3340007**

#### **MoDOT Project BRO-B017(74)**

70' Single Span Bridge, 24' Roadway  
Width

**Construction Cost:** \$313,404

**Reference:** Stan Falke

Presiding Commissioner

**Phone:** (660) 542-0615



## LPA Off-System Bridge Replacement Structures

RHODES ENGINEERING COMPANY OFFERS COMPLETE OFF-SYSTEM BRIDGE SERVICES



**Linn County Bridge #03900131**  
**MoDOT Project BRO-B058(41)**  
12' x 8'-6" Double Box Culvert

**Construction Cost:** \$242,525  
**Reference:** Dick King  
Presiding Commissioner  
**Phone:** (660) 895-5417



**Saline County Bridge #**  
**MoDOT Project BRO-B097(48)**  
90' Single Span Bridge

**Construction Cost:** \$363,848  
**Reference:** Kile P. Guthrey, Jr.  
Presiding Commissioner  
**Phone:** (660) 886-7777



**Linn County Bridge #42900111**  
**MoDOT Project BRO-B058(34)**  
225' Three-Span Bridge

**Construction Cost:** \$667,953  
**Reference:** Dick King  
Presiding Commissioner  
**Phone:** (660) 895-5417



**Howard County Bridge #1405115**  
**MoDOT Project BRO-B045(28)**  
70' Single Span Bridge

**Construction Cost:** \$285,705  
**Reference:** Jeremiah Johnmeyer  
Presiding Commissioner  
**Phone:** (660) 248-2193