

To: Mayor and City Council  
From: Adam Ledford, City Administrator  
Re: Agenda Description  
Date: December 18, 2017

Call to Order  
Public Comments

### **Business Agenda**

- I. Approval of Minutes for 11/20 Council Meeting  
Description:  
A council member does not have to be present at the previous meeting to approve the minutes for that meeting. A copy of the minutes is included in your packet.
- II. Update on Marion Sewer Projects by Eclipse Engineering  
Description:  
Alan Robinson will be on hand to bring the City up to date on current sewer projects.
- III. Presentation by Extension Office  
Description:  
Representatives from the local UK Extension Office will be on hand to share with the Council what their organization has going on.
- IV. Presentation of 2016-17 Audit  
Description:  
Jeff Walker will be on hand to present the audit for the year ending June 30, 2017. He will bring the report with him Monday night, so they will be handed out at the meeting.
- V. Confirmation of Appointments to Tourism Commission (Unexpired)  
Description:  
With Glenn Conger's resignation, a few months ago and the existing opening for the hotel representative there are the possibility of 2 appointments to fill unexpired terms on the board. These terms would begin immediately. If the Mayor is ready to do so, he will present the names he wishes to appoint. The Council would be asked to confirm their appointment.

VI. Confirmation of Appointments to Tourism Commission (Expired)

Description:

Effective December 31, the appointments of Mike Hamilton and Phillis Hardin are set to expire. These terms would begin on January 1, 2018. If the Mayor is ready to do so, he will present the names he wishes to appoint. The Council would be asked to confirm their appointment.

VII. Confirmation of Appointments to Code Enforcement Board (Expired)

Description:

Effective December 31, the appointments of Jim Estes and Eddie Belt are set to expire. These terms would begin on January 1, 2018. If the Mayor is ready to do so, he will present the names he wishes to appoint. The Council would be asked to confirm their appointment.

VIII. Confirmation of Appointments to Planning Commission (Expired)

Description:

Effective December 31, the appointments of Jerry Belt and William Frazer are set to expire. These terms would begin on January 1, 2018. If the Mayor is ready to do so, he will present the names he wishes to appoint. The Council would be asked to confirm their appointment.

IX. Enforcement Options on Country Club Drive

Description:

At the last Council meeting I offered to present the Council will some options to assist them in reviewing their options on how to change enforcement on Country Club Drive to alter traffic usage to be more consistent with designed limitations. Understanding the limitations of continuous enforcement by the police department, the City would develop random enforcement to prevent planned workaround practices. While this list is not exhaustive it will give you some ideas on alternative methods the City may enact:

Indirect Action

- Speed limit changes – The City would reduce the speed limit from 45 to 20 or 30 mph making the option less ideal as a bypass.
- No Through Traffic – This option would primarily consist of posting signage that notifies traffic on both ends the Drive is not to be used for bypass purposes.

Direct Action

- Gapping – The City could impede bypass traffic by separating Country Club Drive from Industrial Drive. This might have adverse impact to the elementary school and should include their input if we consider moving forward.

- Axle Limit – This ordinance would restrict use of the Drive based on axels, some exceptions would need to be made for local commercial traffic use.
- Tonnage Limit – This ordinance would restrict use of the Drive based not on weight, but size of the truck. This option would also need exceptions for local commercial traffic.
- Weight Limit – This ordinance would restrict use on the Drive based on weight. This option would require access to equipment that may preclude it as a reasonable option.
- Commercial Permits – This option has been suggested as possible by Transportation. Much like weight limits this option may have increased enforcement limitations.

If a majority of the Council concludes on the best path forward, I will draft a preliminary ordinance/resolution to enact the solution to be presented at the January Council meeting.

X. Consideration of Awarding Bell Engineering the Contract for the Marion TAPS Grant Project

Description:

On November 30, with the assistance of PADD, the City opened RFP's for engineering services on the Marion TAP sidewalk project. A review of those RFP's by a committee of myself, Brian Thomas, and the Mayor have identified Bell Engineering as the primary candidate for the City to award the contract. Other engineering companies considered where:

- Eclipse Engineering
- GRW
- ECSI

A copy of their RFP is included in your packet.

XI. Mayor/Council/Staff Forum

- This would be the time for any Council Member to share activities or issues going on at the liaison meetings they have attended.
- A sewer public hearing was held on November 27 without comment.
- I am working with Chamber on the development of a new Citywide Event coming in early March 2018. Story drafting is currently underway.
- The Mayor has appointed me to represent him on the PADD Board of Directors.
- The City Office will be closed December 25-26, 29, & January 1.
- Leaf Collection has nearly been completed.

IX. Adjournment

**Gas Used**                      **11/30/2017**

Adm.	\$0.00
Police	\$498.30
Street	\$0.00
Fire	\$0.00
Water Plant	\$157.54
Maint.	\$377.22
Sewer Plant	\$68.44
Sewer Maint.	\$95.30
Utility Dir.	\$0.00
Planning	\$30.84
<b>TOTAL</b>	<b>\$1,227.64</b>

**CITY OF MARION, KENTUCKY**  
**FINANCIAL STATEMENT**  
 December 2017

	<u>Balance Nov 1</u>	<u>Receipts</u>	<u>Expenditures</u>	<u>Balance Dec 1</u>
General Fund	\$ 189,914.20	\$ 201,572.83	\$ 131,425.61	\$ 260,061.42
Municipal Aid Fund	\$ 100,381.93	\$ 4,859.94	\$ 2,161.64	\$ 103,080.23
LGEAF Mineral Severance	\$ 4,509.58	\$ 1,188.85		\$ 5,698.43
Operation & Maintenance Fund	\$ 30,187.44	\$ 84,069.60	\$ 68,321.90	\$ 45,935.14
Sewer Fund	\$ 984.45	\$ 43,392.73	\$ 34,286.76	\$ 10,090.42
*Consumer Deposits	\$ 8,035.97	\$ 900.07	\$ 1,035.07	\$ 7,900.97
Env. Assess. Building Fund	\$ 130,566.40	\$ 17,278.78	\$ 4,444.54	\$ 143,400.64
*1988 Sinking Fund	\$ 6,044.25	\$ 2,450.06		\$ 8,494.31
*1993 Sinking Fund	\$ 25,351.93	\$ 2,920.43		\$ 28,272.36
Waterline Sinking Fund	\$ 36,864.51	\$ 5,500.45	\$ 33,511.82	\$ 8,853.14
*1988/93 Reserve Fund	\$ 6,418.43	\$ 0.05		\$ 6,418.48
Sewer Project R & I	\$ 26,682.54	\$ 4,000.00	\$ 23,262.97	\$ 7,419.57
Police Drug & Alcohol	\$ 1,346.36			\$ 1,346.36
*Revolving Loan Fund	\$ 212,615.72	\$ 5,683.48		\$ 218,299.20
Rest. & Motel Acct.	\$ 43,196.89	\$ 24,337.98	\$ 61,443.37	\$ 6,091.50
Main Street Acct.	\$ -			\$ -

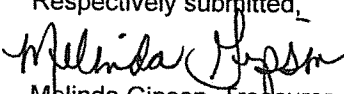
**INVESTMENTS**

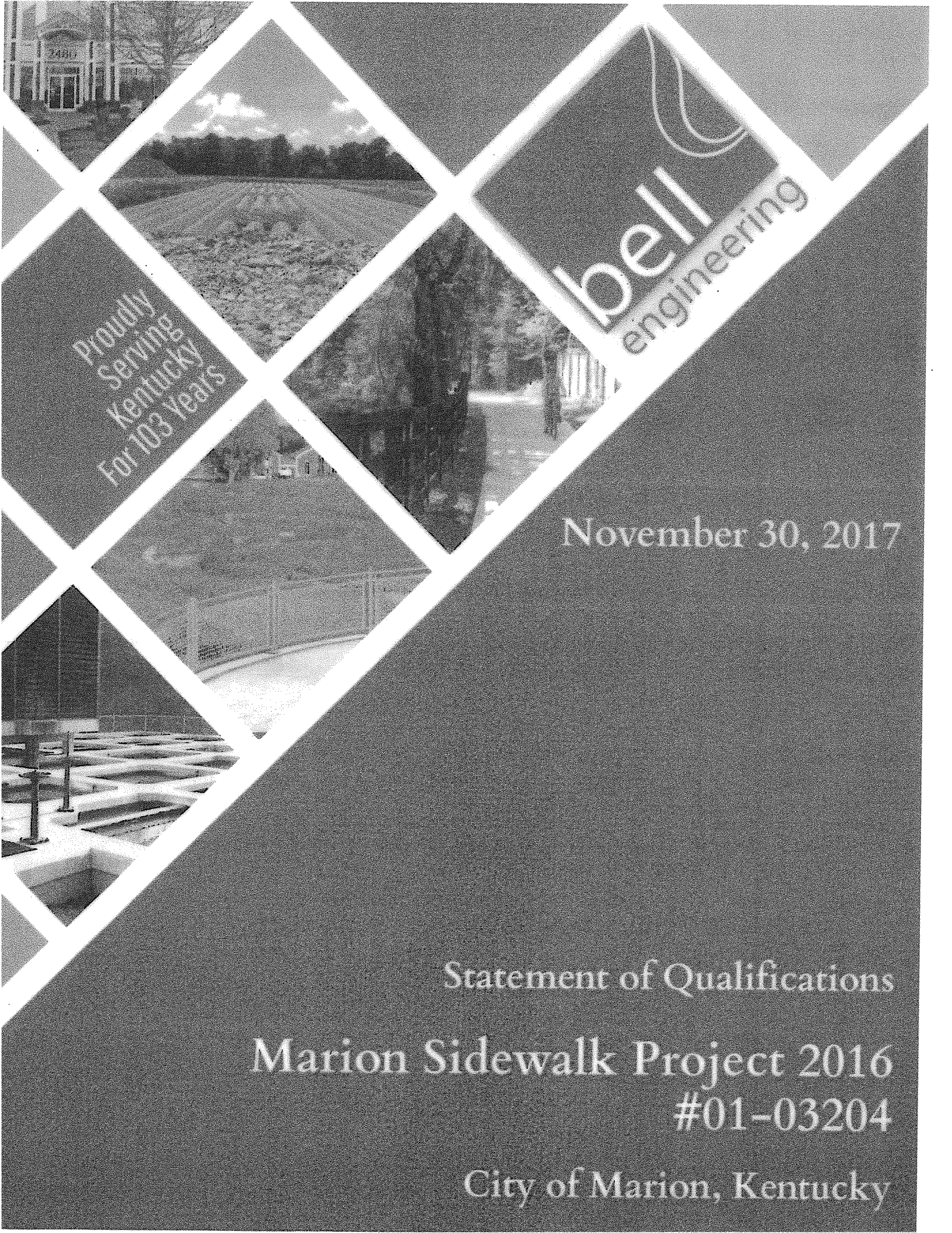
General Fund-----	\$ 479,897.51
General Project Account-----	\$ 40,002.07
Insurance Fund (Street Dept. 9,591.73)-----	\$ 9,591.73
Municipal Aid Fund-----	\$ 8,382.46
*Consumer Deposits-----	\$ 80,104.26
Operation & Maintenance Fund-----	\$ 30,000.00
1969 Replacement & Improvement Fund-----	\$ 170,370.57
1969 Reserve Fund-----	\$ 54,000.00
*1988 Reserve Fund-----	\$ 50,000.00
Police Equipment Fund-----	\$ 70.37

**LOANS**

1988 Loan-----	\$ 255,000.00
1993 Loan-----	\$ 374,000.00
Sewer Project-----	\$ 351,143.08
City Hall Lease-----	\$ 670,000.00
Land Lease-----	\$ 35,814.47
Main Street Waterline-----	\$ 986,364.66
New Sewer Plant-----	\$ 293,445.00

\*Restricted Funds  
 \*\*Semi-restricted Fund

Respectively submitted,  
  
 Melinda Gipson, Treasurer



bell  
engineering

Proudly  
Serving  
Kentucky  
For 103 Years

November 30, 2017

Statement of Qualifications

Marion Sidewalk Project 2016

#01-03204

City of Marion, Kentucky

**CONTENTS**

**COVER LETTER**

**SECTION 1.0 | PROJECT APPROACH AND SCHEDULE**

**APPROACH..... 1**  
**SCHEDULE..... 3**

**SECTION 2.0 | FIRM DESCRIPTION**

**ABOUT BELL ENGINEERING..... 4**  
**PRINCIPAL OFFICERS..... 4**  
**QUALIFICATIONS..... 5**  
**LPA PROJECT GUIDE FAMILIARITY ..... 5**  
**TAP FUNDING EXPERIENCE..... 6**  
**SIDEWALK PROJECT EXPERIENCE..... 7**

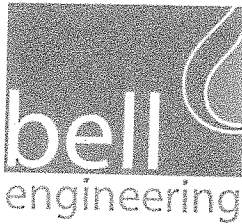
**SECTION 3.0 | RESUMES**

**PROJECT TEAM..... 15**  
**DBE PARTICIPATION..... 15**  
**ORGANIZATIONAL CHART ..... 15**

**SECTION 4.0 | REFERENCES..... 19**







November 30, 2017

Mr. Adam Ledford  
City Administrator  
217 South Main Street  
Marion, KY 42064

Re: **Statement of Qualifications – Marion Sidewalk Project 2016 #01-03204**

Dear Mr. Ledford:

It was a pleasure to meet with you to discuss the opportunity to provide professional engineering services to the City of Marion. We are very interested in working with you on the above referenced project, and submit our proposal in response to the Request for Qualifications issued November 9, 2017. As the **longest continually operating consulting engineering firm** in Kentucky, Bell Engineering is a name that has been associated with **reliability and innovation for 103 years**. Through reviewing our qualifications, we are confident you will conclude that **Bell is an excellent choice to guide and assist you with the planning, design and construction of your sidewalk project**. Bell offers the following:

- ***KYTC prequalified***

What this means for Marion: Bell is familiar with KYTC practices and procedures including extensive experience with the LPA guidelines that govern TAP, SRTS and TEA-21 funded projects.

- ***Miles of bicycle, pedestrian and roadway planning/design experience and extensive streetscape experience***

What this means for Marion: Bell provides knowledge specific to the Commonwealth of Kentucky and, more importantly, the western Kentucky area. With previous work experience in the region, we are familiar with the subsurface conditions, project opportunities, and constraints.

- ***Proven capacity to perform under accelerated design & construction schedules***

What this means for Marion: Our team has the availability to complete this project. We work with our clients and contacts at various regulatory and funding agencies, and consistently meet and exceed defined project schedules. This is accomplished through effective management of the design team and contractors.

- ***100% Kentucky owned and operated***

What this means for Marion: With a local office in Hopkinsville, Kentucky, Bell can be on site quickly to handle all project related matters. Also, our firm will provide a responsive and detailed approach while operating with lower overhead maximizing project budgets.

On behalf of Bell Engineering, we thank you for the opportunity to showcase our experience and **outline the strengths that our team can provide**. We look forward to providing quality engineering services to the City of Marion through this and many future projects.

Sincerely,  
BELL ENGINEERING

A handwritten signature in black ink, appearing to read "R. Pickerill", written over a horizontal line.

Robert L. Pickerill, PE  
Principal-In-Charge



## 1.0 PROJECT APPROACH AND SCHEDULE

### *APPROACH*

The City of Marion has received a Transportation Alternatives Program (TAP) grant for replacement, upgrades and accessibility improvements to sidewalks on South Main Street and West Carlisle Street. Most of the route currently has sidewalks, but safety and accessibility issues need to be addressed.

### *GENERAL*

Bell proposes a planning session to be conducted immediately after execution of the engineering services agreement to further delineate the desires of the City for these projects. Owner review meetings are proposed at least monthly to ensure issues are addressed proactively and budget/schedule expectations are met. Mr. Bob Pickerill will serve as the Principal-In-Charge and Mr. David Howell will serve as Project Manager and the primary point of contact.

### *PREQUALIFICATIONS*

Bell has reviewed the project and has determined the KYTC prequalification categories that apply include Roadway Design – Urban and Surveying. Bell is prequalified in both of these categories. Should the need arise during design for any Geotechnical Services or Right of Way Services, they would be subcontracted out to Prequalified firms. The geotechnical services would be subcontracted to L.E. Gregg Associates which is geotechnical firm wholly owned by Bell Engineering. Bell does not see any need for Structural Design prequalification.

### *EASEMENT/RIGHT OF WAY IDENTIFICATION*

Based upon the initial site review it is not anticipated that any easements or additional right of way will be required. However, this will be reviewed early in the project since it can be an

item that affects schedules. As stated above, this would be subcontracted to a specialty firm that is prequalified should the service be required.

### *UTILITY LOCATION REQUEST*

A call will be placed to Kentucky 811 and all non-participating utilities to locate utilities in the work zone. This information will be captured in the survey phase.

### *SURVEY*

After review of existing information and a thorough field investigation have been completed, a survey will be initiated. Bell will perform a field survey of the proposed work area to develop the construction plans.

### *ENVIRONMENTAL*

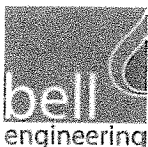
A Clearinghouse submittal is required for this project. If this has not been submitted, Bell can assist KYTC Office of Local Programs in the process which includes compliance with the National Historic Preservation Act and an environmental assessment.

### *DESIGN*

The project will be designed to conform to KYTC Standards and Specifications. The plans will be reviewed and approved by the Transportation Cabinet.

Key aspects of sidewalk design include the following:

- 1) Providing ADA access and compliance at all intersections and along the project corridor
- 2) Coordinate with the bank owner's at the intersection of Main Street and Carlisle Street to provide an ADA accessible route around their entry steps.



- 3) Coordinate with utility providers for the potential burial of overhead lines.
- 4) Review potential for additional pedestrian scale lighting to match existing lights along Main Street.

### *LPA DOCUMENTATION & PERMITS*

This TAP Project will follow the LPA Guidelines and Bell will assist the City with submitting the necessary documents as required by the KYTC Office of Local Programs. In addition, a KYTC Right of Way Encroachment Permit will need to be applied for to cover the improvements. Bell will prepare this permit.

### *BIDDING*

Upon the directive of the Owner, Bell shall prepare and distribute bidding documents. A pre-bid conference shall be conducted to answer contractor questions and provide clarification to contractors interested in bidding the project. As part of the pre-bid process, Bell Engineering shall conduct the meeting; respond to questions posed by contractors and issue contract addenda as necessary. All bidders will be required to be KYTC prequalified.

Bell shall attend and conduct the bid opening for the construction contract. Bids shall be opened publicly and read aloud to all interested attendees. After the project has been bid, Bell will mathematically check each bid and evaluate the qualifications of contractors to perform the work. A recommendation of award letter will be prepared and presented to the Owner.

### *CONSTRUCTION ADMINISTRATION*

Once the project has been awarded, Bell will prepare contract documents for execution by the contractor and the Owner. A preconstruction conference will then be held with all project stakeholders invited.

During construction of the project, Bell shall act as project liaison between the Owner and the

contractor. Bell personnel will review shop drawings to ensure they are in accordance with the contract documents, process pay requests and conduct periodic project progress meetings.

Bell will also provide a part-time resident project representative. The contracts will require full time inspection, but in an effort to maximize limited construction dollars, Bell will work with the Owner to allow a qualified City employee to work under the direction of Bell.

### *PROJECT CLOSURE*

After construction has been completed, Bell will obtain a release of liens and consent of surety prior to final payment to the contractor. This will protect the interests of the Owner and ensure the Owner is not responsible for unpaid liabilities that may be left by the contractor. Lastly, project record drawings shall be prepared for the City's future use.

### *ADDED BENEFIT*

In addition to offering the knowledge and experience required to complete the proposed project, Bell also offers project management and inspection from our regional office in Hopkinsville. Our location allows us to be on-site with little notice for project related matters or emergencies.

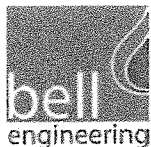


## ***SCHEDULE***

Based upon our current and planned workload, Bell Engineering proposes the following preliminary timeline for completion of your project. If awarded the project, we will review

with the City of Marion to make sure the schedule meets project needs and expectations. The following schedule is reasonably aggressive considering the standard review process of the funding source.

<b>Phase</b>	<b>Begin</b>	<b>End</b>	<b>Duration (Calendar Days)</b>
<b>Contract Negotiations</b>	11/30/2017	12/15/2017	15
<b>Planning</b>	12/16/2017	1/15/2018	30
<b>Design</b>	1/16/2018	5/15/2018	120
<b>Permitting</b>	4/15/2018	5/30/2018	45
<b>Bidding</b>	6/1/2018	6/30/2018	30
<b>Award</b>	6/30/2018	7/15/2018	15
<b>Construction</b>	7/15/2018	11/15/2018	120



## 2.0 FIRM DESCRIPTION

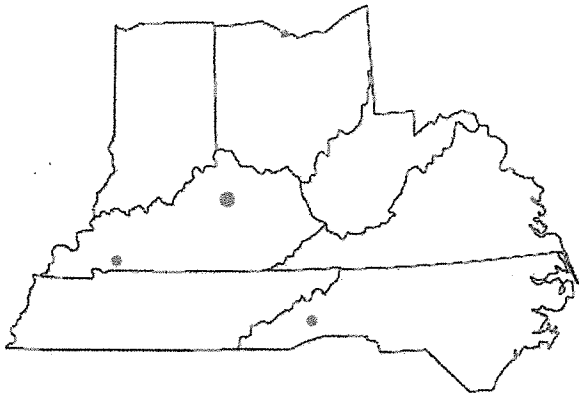
### *ABOUT BELL ENGINEERING*

Founded in Lexington, KY in 1914  
Offices in Lexington and Hopkinsville, KY & Asheville, NC  
Kentucky Transportation Cabinet (KYTC) prequalified  
Engineering, Landscape Architecture, & Planning services

Bell Engineering was founded by Mr. Howard K. Bell in Lexington, Kentucky in 1914. Originally operating as **Howard K. Bell Consulting Engineers, Inc.**, our firm provided **civil, environmental, and stormwater engineering services** to a variety of clients throughout Kentucky and West Virginia.

Prior to Mr. Bell's death in 1939, his son Mr. Grant S. Bell and Mr. James K. Latham were made partners in the firm. In 1960, operations were changed from a partnership to a corporation and the firm adopted an Employee Stock Ownership Plan (ESOP) in 1992. In 2005, the firm rebranded as **Bell Engineering**.

Since Mr. Bell's time, the firm has grown to include a multitude of services including landscape architecture, certified planning and industrial pretreatment. This provides our clients the opportunity to work with one firm for all of



their engineering, landscape architecture and planning needs. Our firm is well-staffed to complete projects in a **timely, efficient and cost-effective manner** across many markets including municipal, industrial, commercial, federal, energy and natural gas, transportation and education.

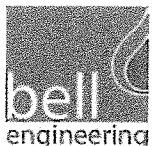
As a locally owned firm, our team provides clients with a **responsive and detailed approach and knowledge specific to the Commonwealth of Kentucky**. Our corporate headquarters remains centrally located in Lexington, Kentucky. Our regional office in Hopkinsville, Kentucky, allows us to effectively serve the western portion of the state, and we have recently expanded to Asheville, North Carolina. While resources from all offices are utilized, your projects will be managed by personnel in our Hopkinsville office.

In business for 103 years, Bell is currently providing services in numerous states and are capable of working anywhere within the United States. We are licensed to practice engineering in Kentucky, North Carolina, Indiana, Ohio, Tennessee, West Virginia, Arkansas and Arizona, and landscape architecture in Kentucky and North Carolina. We are certified in planning nationwide and are a registered small business with the SBA.

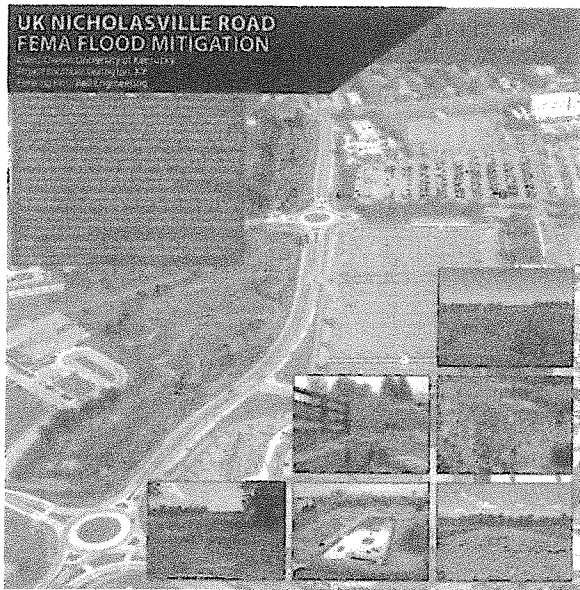
### *PRINCIPAL OFFICERS*

Bell Engineering is owned by seven Principal Officers including:

- Kelly G. Gillespie – President
- James K. Roberts, PE, PLS – Exec. VP
- Roy L. Bohon, II – Senior VP
- Stephen H. Caudill, PE – VP
- John D. Prince, PE – VP
- David F. Schrader, PE – VP
- Robert L. Pickerill, PE – VP



## QUALIFICATIONS



ACEC National Recognition and Kentucky Grand Award

Bell provides the expertise to plan, design, and construct transportation and pedestrian networks, both as standalone projects, or as an integrated part of a larger concept. From the design of the first concrete streets in Lexington in the 1920's, to the use of pervious pavement as applicable in today's designs, Bell continues to implement state-of-the-art construction techniques.

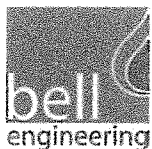
Bikeway, pedestrian and streetscape planning have become critical pieces of modern community planning. Important for both overall community health as well as revitalization efforts, sidewalk and trail projects provide improved networks which facilitate exercise and movement amongst users while also providing an aesthetically pleasing corridor which can provide economic benefits.

Having excellent sidewalk infrastructure benefits a community through increased public health and pedestrian safety. Bell Engineering has designed numerous right-of-way enhancement, sidewalk, shared used, bike trail and streetscape projects. Our firm is Kentucky Transportation Cabinet (KYTC) prequalified and we also have recent experience with LPA guidelines as they apply to the proposed project.

Our staff has extensive experience with KYTC funding including TAP projects, Safe Routes to School (SRTS), and TEA-21. All of these projects are completed utilizing current LPA guidelines and our staff is knowledgeable in the criteria and procedures that must be used under those guidelines. Our team would manage those requirements as we have on other TAP and KYTC funded projects.

### *LPA PROJECT GUIDE FAMILIARITY*

The Bell team has recent experience working on numerous pedestrian infrastructure projects, including many LPA projects. The LPA Project Guide allows the Kentucky Transportation Cabinet to administer federal funds to local governments for transportation related projects. The LPA guide book was created several years ago to provide the step-by-step procedures necessary to successfully utilize these federal funds. The process is ever changing, but through a constant stream of LPA projects over the past five years, our staff is very aware of the regular updates and subtle changes to the guide that have been made along the way. It is with this knowledge that our team can assist the City of Marion with no delays needed in order to learn the LPA process and requirements. The following tables outline recent pedestrian and LPA projects completed by Bell. Project profiles with more detailed information on select projects may also be found in this section.



**Table 1 – LPA Project Experience**

Project	Description
Brighton East Rail Trail Phase 4	Completes key section of Brighton Trail network that will connect schools, a park and commercial areas with surrounding neighborhoods from Man O' War Boulevard to Liberty Park Trail
Greensburg Greenway Belt	Will link existing Green River Paddle Trail to Downtown Greensburg connecting neighborhoods, schools and the city's business district
Russell Safe Routes to School	Construction of 9,859 L.F. of new 5-foot sidewalk
Monticello Safe Routes To School	Construct/rehabilitate sidewalks along College Street from Main Street to the Elementary School and along Myrtle Street near the Middle and High Schools
Oakwood Drive & Union Street Safe Routes to School Project	Concrete sidewalk replacement to improve pedestrian hazards including steep side slopes, trip hazards and lack of accessible ramps
Hartford TEA-21	Replacement of 3,000 L.F. of 4-foot wide concrete sidewalks, installation of four drop-box inlets and storm drains
Campton Safe Routes to School	Construct and rehabilitate sidewalks along KY 2491 from downtown Campton to the new Elementary School
Uniontown Safe Routes to School	Replacement of 2,800 L.F. of sidewalks within the existing right-of-way
North Drive Safe Routes to School	Construction of .6 miles of new sidewalks on North Drive including correction of drainage issues along the adjacent ditch line

**TAP FUNDING EXPERIENCE**

The Transportation Alternatives Program (TAP) is a new name for an older funding mechanism through the Federal Highway Administration (FHWA). It is an 80/20 matching grant program and eligible projects include on- and off-road pedestrian and bicycle facilities, and other infrastructure improvements aimed at improving non-motorist access to public facilities and transportation. The program is administered through the Kentucky Transportation Cabinet, Office of Local Programs (KYTC-OLP) under the direction of FHWA, which is the same body which administers Transportation Enhancement Act for the 21st Century (TEA-21) and Safe Routes to Schools (SRTS).

Our extensive history with TEA-21 and SRTS, as well as our participation with the grant application and awarding portion of TAP, has allowed us to successfully navigate the design and approval process for these types of projects. We have also been able to foster very strong working relationships with the KYTC-OLP administration. Although TAP is a newer funding mechanism, we have extensive experience in similar projects which were administered in much the same way as the TAP.

One notable example is the Hartford Downtown Sidewalk Improvements Project for the City of Hartford. In September 2015, we helped the City complete the TAP funding application and the funding has been awarded. This project includes approximately \$600,000 construction and a total cost of \$760,000. Bell has been selected as the Engineer for this Project, and design is currently being completed.





## ***SIDEWALK PROJECT EXPERIENCE***

In the last decade, the Bell Engineering team has completed or is working on a number of projects similar to the proposed sidewalk project. This section highlights key projects that include landscape architecture and site design, civil engineering, and planning services along with a reference for each listed project.

### **Oakwood Drive & Union Street Safe Routes to School Sidewalk**

**CITY OF HARTFORD | BELL ENGINEERING**

**HARTFORD, KY**

#### **KEY PERSONNEL**

Principal-In-Charge/Project Manager:  
Robert L. Pickerill, PE

Landscape Architect:  
Joshua T. Karrick, PLA, ASLA, AICP

Project Engineers:  
Rick Harper, PE, LEED AP  
David M. Howell, PE

#### **COMPLETION DATE**

2016

#### **CONTACT/REFERENCE**

Mayor George Chinn  
270.298.3612  
116 E. Washington Street  
Hartford, KY 42347

#### **CONSULTING FEE**

\$25,000

#### **EST. CONSTRUCTION COST**

\$210,000

#### **BID CONSTRUCTION COST**

\$257,120

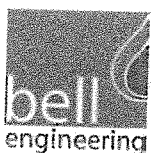
#### **FINAL CONSTRUCTION COST**

\$234,535



This project included the design and construction of concrete sidewalk replacement in the City of Hartford. This project, beginning on Oakwood Drive and ending at the corner of East Union and Clay Street, provides a safe route to school for many students in the area. Much of the project area was hazardous to pedestrians due to steep side slopes, trip hazards and a lack of ramps for accessibility. Ramps were constructed at all crosswalks in order to provide accessibility for pedestrians with disabilities. The corner of East Union and Clay was greatly improved by the addition of ramps which were not feasible for the City to construct prior to these grant funds.

This project followed LPA project guidelines.



**Hartford TEA-21 Sidewalk Project**  
**CITY OF HARTFORD | BELL ENGINEERING**  
**HARTFORD, KY**

**KEY PERSONNEL**

**Project Manager:**  
David M. Howell, PE

**Landscape Architect:**  
Joshua T. Karrick, PLA, ASLA, AICP

**Project Engineer:**  
Robert L. Pickerill, PE

**COMPLETION DATE**

2014



**CONTACT/REFERENCE**

Mayor George Chinn  
270.298.3612  
116 E. Washington Street  
Hartford, KY 42347

This project involved the construction of approximately 3,000 LF of 4-foot wide concrete sidewalk replacement in the City of Hartford. Existing sidewalks were deteriorated throughout the project area. Also included in this project was the installation of four drop-box inlets and 15 LF of storm drain in order to improve pedestrian safety and stormwater management. Ramps were constructed at all crosswalks in order to provide accessibility for pedestrians with disabilities.

**CONSULTING FEE**

\$22,800

This project followed LPA project guidelines.

**EST. CONSTRUCTION COST**

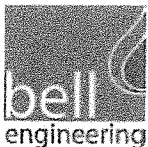
\$102,000

**BID CONSTRUCTION COST**

\$115,602

**FINAL CONSTRUCTION COST**

\$106,861



## 6<sup>th</sup> Street TEA-21

**CITY OF HOPKINSVILLE | BELL ENGINEERING**  
*HOPKINSVILLE, KY*

### KEY PERSONNEL

Principal-In-Charge/Project Manager:  
Robert L. Pickerill, PE

Project Engineer:  
David M. Howell, PE

### COMPLETION DATE

2010

### CONTACT/REFERENCE

Steven R. Bourne, Director  
270.887.4285  
710 South Main Street  
Hopkinsville, KY 42240

### CONSULTING FEE

\$30,700

### EST. CONSTRUCTION COST

\$273,660

### BID CONSTRUCTION COST

\$286,756

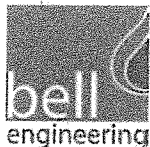
### FINAL CONSTRUCTION COST

\$299,267



This project included basic design, bidding and construction services for reconstruction of Hopkinsville's 6th Street. Overhead utilities were converted to underground and a new decorative intersection was designed at 6th and Main Street. The 6th Street sidewalk was replaced in several locations and new street lighting was installed. In order to preserve the historic street bricks, they were removed and reused at the courthouse. Traffic flow on 6th Street was also reversed to enhance views of the courthouse and significant drainage improvements were made throughout the project area.

The project was funded through the Kentucky Transportation Cabinet's TEA-21 grant program. Bell worked closely with staff at the Kentucky Transportation Cabinet during design, permitting and construction.



**North Drive Safe Routes to School  
CITY OF HOPKINSVILLE | BELL ENGINEERING  
HOPKINSVILLE, KY**

**KEY PERSONNEL**

Principal-In-Charge/Project Manager:  
Robert L. Pickerill, PE

**COMPLETION DATE**

2010

**CONTACT/REFERENCE**

Steven R. Bourne, Director  
270.887.4285  
710 South Main Street  
Hopkinsville, KY 42240

**CONSULTING FEE**

\$29,200

**EST. CONSTRUCTION COST**

\$198,638

**BID CONSTRUCTION COST**

\$161,997

**FINAL CONSTRUCTION COST**

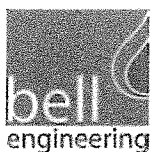
\$170,961



This project included basic design, bidding and construction services for the North Drive Safe Routes to School project which covered 0.6 miles of new sidewalks on North Drive in Hopkinsville, KY. Bell also evaluated and designed for correction to drainage issues along the adjacent ditch line. Other services included the development of conceptual budgets and surveying.

The project was funded by the Kentucky Transportation Cabinet's Safe Routes to School grant program. All work during design and construction was closely coordinated with staff at the Kentucky Transportation Cabinet.

This project followed LPA project guidelines.



**Uniontown Safe Routes to School**  
**CITY OF UNIONTOWN | BELL ENGINEERING**  
**UNIONTOWN, KY**

**KEY PERSONNEL**

**Project Manager:**  
David M. Howell, PE

**Project Engineer:**  
Robert L. Pickerill, PE

**COMPLETION DATE**

2012

**CONTACT/REFERENCE**

Jennifer Buckman, City Clerk  
270.822.4277  
237 Main Street  
Uniontown, KY 42461

**CONSULTING FEE**

\$17,000

**EST. CONSTRUCTION COST**

\$84,590

**BID CONSTRUCTION COST**

\$83,996

**FINAL CONSTRUCTION COST**

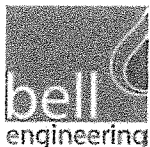
\$79,468



This project included basic design, bidding and construction services for the Uniontown Safe Routes to School project which included the replacement of approximately 2,800 L.F. of sidewalks within the existing right-of-way in Uniontown, KY. Other services included permitting and approval processing and part-time construction administration.

The project was funded by the Kentucky Transportation Cabinet's Safe Routes to School grant program. All work during design and construction was closely coordinated with staff at the Kentucky Transportation Cabinet.

This project followed LPA project guidelines.



# Landscape Improvements Project – Woodland Glen Walkway

## UNIVERSITY OF KENTUCKY | BELL ENGINEERING

### LEXINGTON, KY

#### KEY PERSONNEL

Project Manager:  
Joshua T. Karrick, PLA, ASLA, AICP

Project Designer:  
W: Tyler Dixon

Project Engineers:  
Robert L. Pickerill, PE  
Clint R. Abbott, PE

#### COMPLETION DATE

2016

#### CONTACT/REFERENCE

Scotty Bowles, Project Manager  
859.218.6380  
[scott.bowles@uky.edu](mailto:scott.bowles@uky.edu)  
Capital Project Management Div.  
Room 222 Peterson Service Bldg.  
Lexington, KY 40506

#### CONSULTING FEE

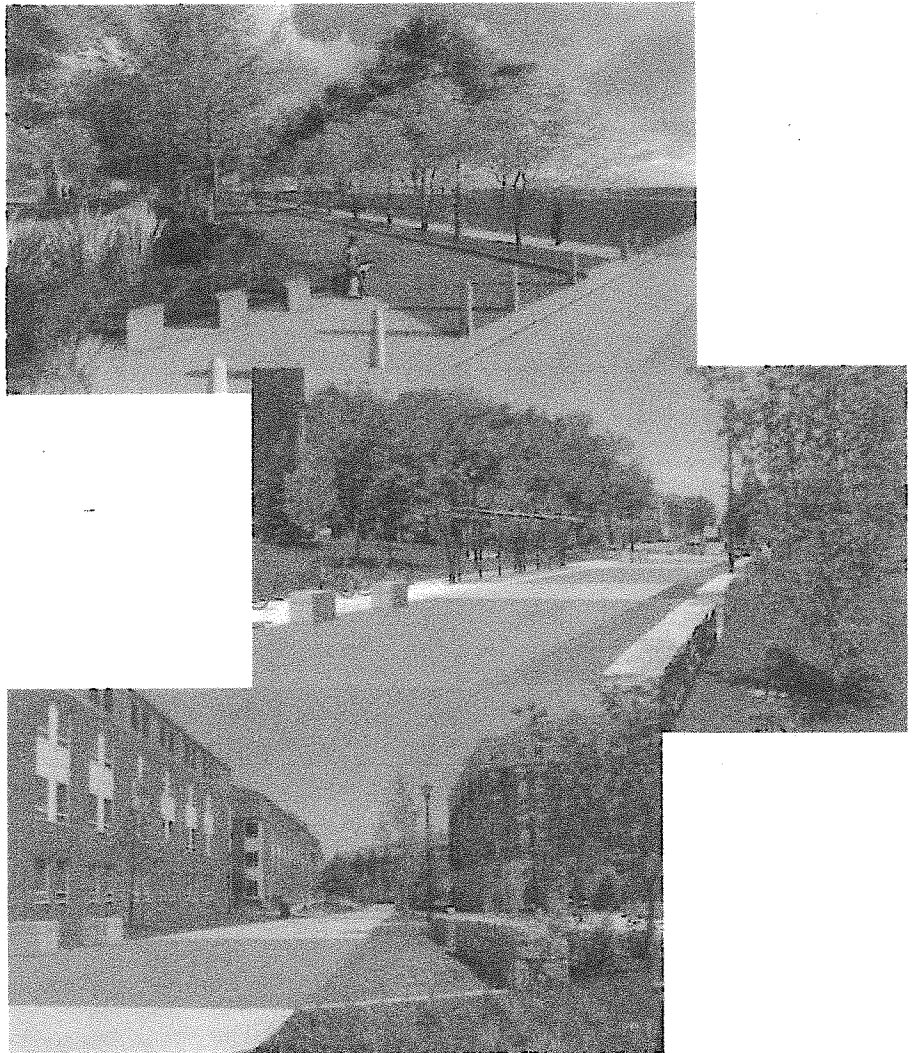
\$246,000

#### EST. CONSTRUCTION

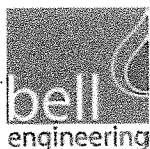
\$1,416,500

#### FINAL CONSTRUCTION

\$1,455,485,23



The Woodland Glen Walkway portion of the Civil Site Infrastructure project involved the conversion of 1900 linear foot of campus roadway into a new, pedestrian corridor. This section creates a central spine through a new student residential development. The corridor is 20 feet wide to allow emergency access and is flanked by limestone seat walls, lighting, and intricate landscape beds. At each end of the project student gathering areas were incorporated in the design.



**Fine Arts Garden Landscape Improvement Project**  
**UNIVERSITY OF KENTUCKY | BELL ENGINEERING**  
**LEXINGTON, KY**

**KEY PERSONNEL**

**Project Manager:**  
Joshua T. Karrick, PLA, ASLA, AICP

**Project Designer:**  
W. Tyler Dixon

**Project Engineers:**  
Robert L. Pickerill, PE  
Clint R. Abbott, PE

**COMPLETION DATE**

2016

**CONTACT/REFERENCE**

Scotty Bowles, Project Manager  
859.218.6380  
[scott.bowles@uky.edu](mailto:scott.bowles@uky.edu)  
Capital Project Management Div.  
Room 222 Peterson Service Bldg.  
Lexington, KY 40506

**CONSULTING FEE**

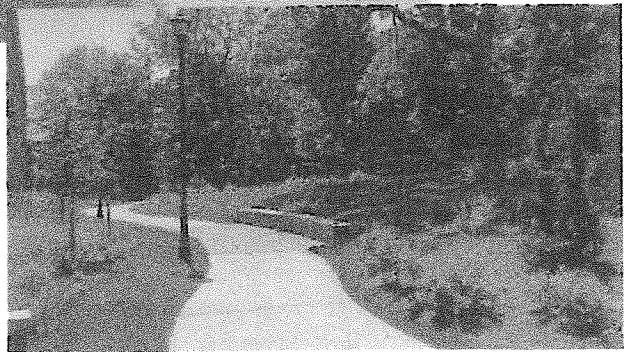
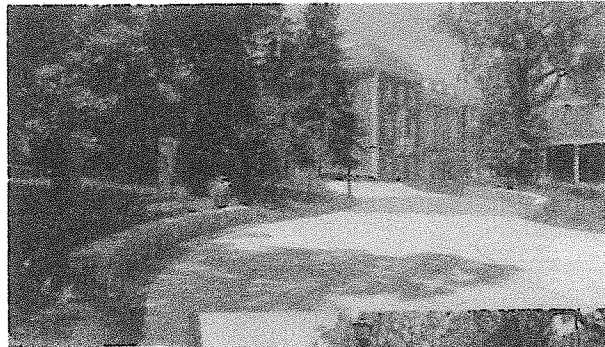
\$28,682.76

**EST. CONSTRUCTION**

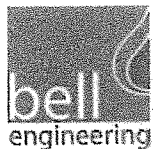
\$467,675.50

**FINAL CONSTRUCTION**

\$467,675.50



The Fine Arts Garden walkway portion of the Civil Site Infrastructure Project included the redevelopment of a small greenspace that creates a link from Greek Housing to the central core of campus. The site had overgrown plant material and narrow sidewalks. The new walkway system allows for large groups of students to pass easily or gather in the space. Improvements included new seat walls, lighting, and landscaping.



**9<sup>th</sup> & Campbell Street Corridor Streetscape**  
**CITY OF HOPKINSVILLE | BELL ENGINEERING**  
**HOPKINSVILLE, KY**

**KEY PERSONNEL**

**Project Manager/Project Engineer:**  
Robert L. Pickerill, PE

**Landscape Architect:**  
Joshua T. Karrick, PLA, ASLA, AICP

**COMPLETION DATE**

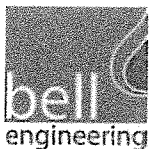
2015

**CONTACT/REFERENCE**

Steven R. Bourne, Director  
270.887.4285  
710 South Main Street  
Hopkinsville, KY 42240



This project included streetscape improvements along Campbell Street, from 9th to 18th in Hopkinsville. Under this project, the street was resurfaced and striped for two driving lanes, as well as a bicycle lane. Also added along both sides of the corridor were curb and gutter, sidewalks, landscaping, decorative lighting, benches, and waste receptacles. All new utilities were placed underground, and many utility poles were removed from the right-of-way. Bell Engineering acted as a sub-consultant on this project and was tasked with utility coordination, grading and drainage, and on-site representation during construction. There were some unknown underground utilities encountered, which was expected because this is located in the downtown area where accurate mapping of old works is not always available. All of these found conditions were navigated resulting in a successful final project.





### 3.0 RESUMES

#### PROJECT TEAM

Bell's team of engineers, landscape architects and planners will complete all tasks identified in the scope of work, in-house, geotechnical if needed. Our team consists of highly respected, dedicated individuals who have experience in every aspect of sidewalk and trail project design. This includes site design, landscape architecture/planning, stormwater infrastructure design, pedestrian/vehicular infrastructure, surveying and construction management.

Located in Hopkinsville, Mr. Bob Pickerill offers 39 years of industry experience and will serve as Principal-In-Charge. With a background in construction, Mr. Pickerill brings knowledge in constructability and cost estimating that allows him to ensure that the team's vision is feasible. Making this determination throughout the planning process saves time and helps eliminate costly errors during construction.

Mr. David Howell offers nine years of industry experience and will serve as the Project Manager. He has experience with the design of structural components for water and wastewater treatment plants and other miscellaneous structures, performing hydraulic analyses, water line and tank inspections, preparing cost estimates, designing water lines, sidewalks and stormwater systems and assisting with surveying.

Mr. Josh Karrick, Bell's Senior Landscape Architect, brings 18 years of pedestrian and trail design and implementation experience. He has an incredible talent for working with our clients to take their vision and develop it into a real concept. We have received feedback that his interpretations and renderings have been fundamental in selling concepts to stakeholder groups.

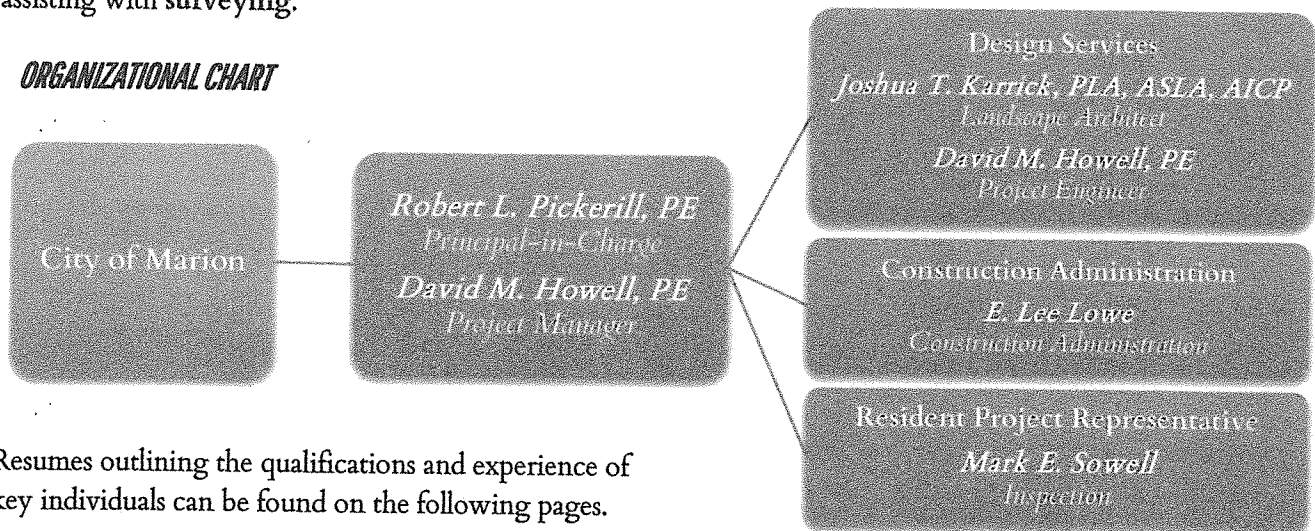
#### DBE PARTICIPATION

Bell Engineering is committed to meeting or exceeding goals for including certified MBE/DBE companies on all of our projects. As a small business, we value efforts placed on supporting MBE/DBE firms. We also appreciate the opportunity to create the most qualified team for each project we pursue.

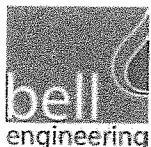
Bell maintains a list of certified MBE/DBE firms on file and refers to the list to contact firms for project opportunities. Additionally, staff members attend minority business events to network with DBE owners and employees. We have established and continue to develop relationships with MBE/DBE firms and are frequently in contact with them regarding teaming opportunities. Bell has recently utilized MBE/DBE's on several projects.

Bell Engineering will evaluate the services required for this project and utilize MBE/DBE subconsultants when possible.

#### ORGANIZATIONAL CHART



Resumes outlining the qualifications and experience of key individuals can be found on the following pages.



**Robert L. Pickerill, PE**  
**PRINCIPAL-IN-CHARGE/PROJECT MANAGER**  
**BELL ENGINEERING**



**EDUCATION**

B.S. Civil Engineering, Western Kentucky University

**LICENSURE**

Professional Engineer:  
Kentucky No. 15052  
North Carolina No. 45574

**PROFESSIONAL AFFILIATIONS**

Kentucky Stormwater Association

Mr. Pickerill is a Principal in the firm and offers 39 years of industry experience including a strong background in construction including project management and quality control. He has overseen all phases of a project including estimating, bidding, negotiating subcontracts, procuring equipment and materials, reviewing shop drawings, preparing pay estimates and negotiating design modifications. Additionally, he has design and survey experience with site development projects, commercial and residential site plans, street/parking layout, streetscape, water features, sewer, water, and stormwater drainage design.

**SELECTED PROJECT EXPERIENCE**

Project manager for Oakwood Drive & Union SRTS Sidewalk Project including replacement of sidewalks and addition of ramps for accessibility – Hartford, KY

Project manager for Hartford TEA-21 Sidewalk Project including replacement of approximately 3,000 L.F. of 4-foot wide concrete sidewalk and installation of 4 drop-box inlets and 15 L.F. of storm drain to improve pedestrian safety and stormwater management; ramps were also constructed to provide access for pedestrians with disabilities – Hartford, KY

Project manager for North Drive SRTS project which included .6 miles of new sidewalks and evaluation and design of corrections to drainage issues along adjacent ditch line (\$170,961) – Hopkinsville, KY

Project manager for Uniontown SRTS project which included replacement of approximately 2,800 L.F. of sidewalks within the existing right-of-way – Uniontown, KY

Project manager for 6<sup>th</sup> Street reconstruction including relocation of overhead utilities underground, new decorative intersection, sidewalk replacement, new lighting, reversal of traffic flow and drainage improvements – Hopkinsville, KY

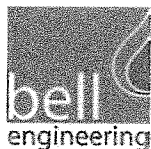
Project manager for Pardue Lane Trailhead Facility – Hopkinsville, KY

Project manager for Westside Park Pedestrian Bridge – Hopkinsville, KY

Project manager for Civil Site Infrastructure Improvements project focusing on updating open civic spaces, streetscapes, pedestrian corridors, quadrangles and courtyards to provide a unified landscape on campus – University of Kentucky; Lexington, KY

Project manager for Hopkinsville Municipal Building project which includes the design of a new parking lot, sidewalks, site utilities and site grading – Hopkinsville, KY

Project manager for Sheffield Downs Subdivision Phases I, II and III including development of plans and site work for the addition of a residential subdivision; designed all aspects of the subdivision including water and sewer, roadways, sidewalks, street lighting and stormwater management/storm sewers – Hopkinsville, KY



Joshua T. Karrick, PLA, ASLA, AICP  
LANDSCAPE ARCHITECT  
BELL ENGINEERING



#### EDUCATION

B.S. Landscape Architecture, University of Kentucky

#### LICENSURE

Licensed Landscape Architect:  
Kentucky No. 679  
North Carolina No. 1949

American Institute of Certified Planners  
No. 023764

#### PROFESSIONAL AFFILIATIONS

American Society of Landscape Architects  
American Institute of Certified Planners  
Southeast Stormwater Association  
Kentucky Stormwater Association

Mr. Joshua T. Karrick, PLA, ASLA, AICP, brings 18 years of experience in Landscape Architecture and Planning to Bell Engineering. He has a strong background in project development and specializes in master planning, community planning, green design, urban design, parks and recreation, streetscapes, bikeways and trails and stormwater management.

#### SELECTED PROJECT EXPERIENCE

Project manager for Monticello SRTS Sidewalk Project including construction and rehabilitation of sidewalks along College Street from Main Street to the elementary school and along Myrtle Street near the middle and high schools – Monticello, KY

Project manager for Campton Safe Routes to School Sidewalk Project including construction and rehabilitation of sidewalks along South Washington Street from downtown Campton to the new Campton Elementary School – Campton, KY

Project designer for Hartford TEA-21 Sidewalk Project including replacement of approximately 3,000 L.F. of 4-foot wide concrete sidewalk and installation of 4 drop-box inlets and 15 L.F. of storm drain to improve pedestrian safety and stormwater management; ramps were also constructed to provide access for pedestrians with disabilities – Hartford, KY

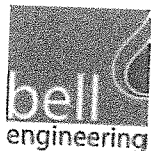
Project designer for Oakwood Drive & Union SRTS Sidewalk Project including replacement of sidewalks and addition of ramps for accessibility and TEA-21 Sidewalk Project including replacement of approximately 3,000 L.F. of 4-foot wide concrete sidewalk and installation of 4 drop-box inlets and 15 L.F. of storm drain to improve pedestrian safety and stormwater management; ramps were also constructed to provide access for pedestrians with disabilities – Hartford, KY

Project manager for Brighton East Rail Trail Phase 4 which completes another key section of the Brighton Rail Trail Network; includes approximately 1900 L.F. of shared-used trail that will connect schools, a park and commercial areas with surrounding neighborhoods – LFUCG; Lexington, KY

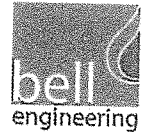
Project manager and bikeway planner for West Hickman Trail Master Plan connecting a park and elementary school to an existing on-street bikeway system; included enhancement of bike/ped circulation, links to surrounding neighborhoods and a .75 mile multi-use trail with two pedestrian bridges – LFUCG; Lexington, KY

Project manager for UK Arboretum Trail Project including 900 L.F. of bike trail through the Arboretum and providing connectivity between the campus bikeway system and LFUCG's bikeway system – University of Kentucky; Lexington, KY

Project designer for South Limestone Multimodal Transportation Study which included design assistance with streetscape, bike and pedestrian improvements for the South Limestone corridor from Euclid Avenue south to Cooper Drive – Lexington-Fayette County Urban Government; Lexington, KY



**David M. Howell, PE**  
**PROJECT ENGINEER**  
**BELL ENGINEERING**



### EDUCATION

M.S. Civil Engineering, University of Kentucky

B.S. Civil Engineering, University of Kentucky

### LICENSURE

Professional Engineer,  
Kentucky No. 29100

Mr. Howell graduated from the University of Kentucky College of Engineering in May 2008 and joined Bell Engineering's team in July 2008. He worked in our Lexington office while completing his Master of Science in Civil Engineering. Upon completion of his studies, he moved back to his hometown and joined our Hopkinsville office. Mr. Howell has experience with the design of structural components for water and wastewater treatment plants and other miscellaneous structures, performing hydraulic analyses, water line and tank inspections, preparing cost estimates, designing water lines, sidewalks and stormwater systems and assisting with surveying. He offers eight years of industry experience.

### SELECTED PROJECT EXPERIENCE

Project manager for the Oakwood Drive & Union Street Safe Routes to School Sidewalk project which provides a safe route to school for many students in the area. Much of the project area is hazardous to pedestrians due to steep side slopes, trip hazards and a lack of ramps for accessibility. Ramps will be constructed at all crosswalks in order to provide accessibility for pedestrians with disabilities – Hartford, KY

Project manager for Hartford TEA-21 project which includes 2,930 L.F. of concrete sidewalk replacement – Hartford, KY

Project engineer for reconstruction of 6th Street including relocation of overhead utilities underground, new decorative intersection at 6th and Main Streets, sidewalk replacement, new lighting, reversal of traffic flow and drainage improvements – Hopkinsville, KY

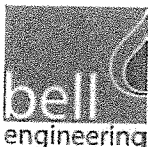
Project manager for Uniontown Safe Routes to School project which includes 2,443 L.F. of concrete sidewalk replacement – Uniontown, KY

Project engineer for Hopkinsville Municipal Building project which includes the design of a new parking lot, sidewalks, site utilities and site grading – Hopkinsville, KY

Project engineer for Christian County Cooperative Extension Pervious Concrete Parking which included the addition of 21,000 square feet of pervious concrete to expand the existing surface parking lot and 480 L.F. of perforated underdrain pipe and curb and gutter creating system redundancy (\$147,000) – University of Kentucky; Hopkinsville, KY

Project engineer for site/space planning of Griffen Gate Center I retail development – Hopkinsville, KY

Project engineer for site/space planning of Griffen Gate Center II retail development – Hopkinsville, KY



Statement of Qualifications  
RFP #01-03204 Marion Sidewalk Project 2016  
City of Marion, Kentucky

## 4.0 REFERENCES

It is our reputation that makes the Bell team stand out. We will not waiver from our commitment to provide quality service and accurate technical design. The Bell team enjoys an outstanding reputation with our clients and we encourage you to call our references to confirm.

### **Community & Development Services**

Steven R. Bourne, Manager  
P.O. Box 1125  
Hopkinsville, KY 42241  
270.887.4285

### **City of Uniontown**

Jennifer Buckman, City Clerk  
P.O. Box 548  
Uniontown, KY 42461  
270.822.4277

### **City of Hartford**

Mayor George Chinn  
116 E. Washington Street  
Hartford, KY 42347  
270.298.3612

### **University of Kentucky**

Scotty Bowles, Project Manager  
Capital Project Management Div.  
Room 222 Peterson Service Bldg.  
Lexington, KY 40506  
859.218.6380

### **City of Monticello**

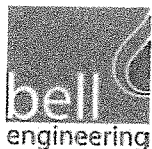
Mayor Jeffrey Edwards  
120 South Main Street  
Monticello, KY 42633  
606.348.5719

### **City of Greensburg**

Lisle Cheatham, Mayor  
110 West Court Street  
Greensburg, KY 42743  
270.932.4298

### **City of Campton**

Mayor Raymond Banks  
P.O. Box 35  
Campton, KY 41301  
606.668.3574



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engineering

Proudly  
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Kentucky  
For 103 Years

Lexington, KY

859/278-5412

Hopkinsville, KY

