

September 13, 2019

Ms. Melissa K. Pettrey, Senior Buyer  
West Virginia Department of Administration  
Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

RECEIVED  
2019 SEP 13 PM 1:04  
WV PURCHASING  
DIVISION

**Subject: Expression of Interest  
West Virginia Capitol Complex Hardscape Repairs Project  
CEOI 0211 GSD200000002**

Dear Ms. Pettrey:

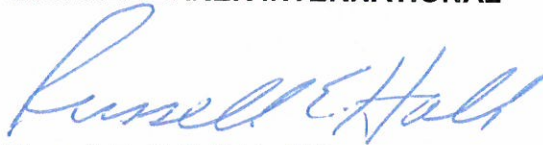
Michael Baker International, Inc. (Michael Baker) is very interested in providing the professional services requested by the West Virginia Department of Administration, General Services Division for the subject project. The goal of Michael Baker is always client satisfaction. We know that satisfying the General Services Division (GSD) on this contract will require a team with expertise, experience, and manpower. We believe that Michael Baker is that team because of:

- Our established working relationships with the GSD,
- Our knowledge and experience gained through the successful *concurrent* completion of multiple similar projects with aggressive schedules,
- Our understanding of current policies and procedures utilized by the GSD, and
- Our large and diverse local and immediately available staff.

We are very proud of our relationship with the GSD and are thankful for the many opportunities we have been given to work hand-in-hand on the design of unique, challenging and complex architectural/engineering projects at our state Capitol Complex. We would be honored to be selected for this contract.

Very truly yours,

**MICHAEL BAKER INTERNATIONAL**



Russell E. Hall, P.E., P.S.  
Office Executive/Vice President

# **Purchasing Division Forms**



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Expression of Interest  
 02 – Architect/Engr

Proc Folder: 614853

Doc Description: WV Capitol Complex Hardscape Repairs Project

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2019-08-19	2019-09-09 13:30:00	CEOI 0211 GSD2000000002	1

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Name, Address and Telephone Number:

**Michael Baker International, Inc.**  
**400 Washington Street East, Suite 301**  
**Charleston, West Virginia 25301**  
**304-769-0821**

**FOR INFORMATION CONTACT THE BUYER**

Melissa Pettrey  
 (304) 558-0094  
 melissa.k.pettrey@wv.gov

Signature X

FEIN # **25-1228638**

DATE **13Sep2019**

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION:**

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the West Virginia Department of Administration, General Services Division from qualified firms to provide architectural/engineering services, design services, construction bidding documents, and contract administration for multiple projects to address repairs to West Virginia Capitol Complex campus hardscape, per the bid requirements, specifications and terms and conditions as attached hereto.

Online submissions of Expressions of Interest are Prohibited\*

INVOICE TO	SHIP TO
DEPARTMENT OF ADMINISTRATION GENERAL SERVICES DIVISION 112 CALIFORNIA AVENUE, 5TH FLOOR CHARLESTON WV25305 US	DEPARTMENT OF ADMINISTRATION GENERAL SERVICES DIVISION BLDG 1 1900 KANAWHA BLVD E CHARLESTON WV 25305 US

Line	Comm Ln Desc	Qty	Unit Issue
1	A/E Services for WV Capitol Complex Hardscape Repairs Projec		

Comm Code	Manufacturer	Specification	Model #
81101508			

**Extended Description :**

A/E Services for WV Capitol Complex Hardscape Repairs Project

<b>GSD200000002</b>	<b>Document Phase</b> Final	<b>Document Description</b> WV Capitol Complex Hardscape Repairs Project	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Expression of Interest  
 02 – Architect/Engr

Proc Folder: 614853

Doc Description: Addendum No. 1 Hardscape Repairs Project

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2019-08-30	2019-09-13 13:30:00	CEOI 0211 GSD2000000002	2

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Name, Address and Telephone Number:

**Michael Baker International, Inc.**  
**400 Washington Street East, Suite 301**  
**Charleston, West Virginia 25301**  
**301-769-0821**

**FOR INFORMATION CONTACT THE BUYER**

Melissa Pettrey  
 (304) 558-0094  
 melissa.k.pettrey@wv.gov

Signature X 

FEIN # **25-1228638**

DATE **13Sep2019**

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION:**

Addendum No.1

Addendum No. is published or issued and distribute the attached information to the vendor community.  
 \*\*\*\*\*

**EXPRESSION OF INTEREST**

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the West Virginia Department of Administration, General Services Division from qualified firms to provide architectural/engineering services, design services, construction bidding documents, and contract administration for multiple projects to address repairs to West Virginia Capitol Complex campus hardscape, per the bid requirements, specifications and terms and conditions as attached hereto.

\* Online submissions of Expressions of Interest are Prohibited\*

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Line	Comm Ln Desc	Qty	Unit Issue
1	A/E Services for WV Capitol Complex Hardscape Repairs Projec		

Comm Code	Manufacturer	Specification	Model #
81101508			

**Extended Description :**

A/E Services for WV Capitol Complex Hardscape Repairs Project

<b>GSD2000000002</b>	<b>Document Phase</b> <b>Final</b>	<b>Document Description</b> Addendum No. 1 Hardscape Repairs Project	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions



**SOLICITATION NUMBER: GSD2000000002**

**Addendum Number: 1**

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The purpose of this addendum is to modify the solicitation identified as GSD2000000002 ("Solicitation") to reflect the change(s) identified and described below.

**Applicable Addendum Category:**

- Modify bid opening date and time**
- Modify specifications of product or service being sought**
- Attachment of vendor questions and responses**
- Attachment of pre-bid sign-in sheet**
- Correction of error**
- Other**

**Description of Modification to Solicitation:**

1. **To move the Bid Opening date from 09/06/2019 to 09/13/2019. The Bid Opening time remains 1:30 P.M.**

**Additional Documentation:** Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

**Terms and Conditions:**

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

**The Bid Opening Date is being moved from  
09/06/2019 to 09/13/2019.**

**The Bid Opening Time remains 1:30 P.M.**

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: GSD2000000002**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**

(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2            | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3            | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

**Michael Baker International, Inc.**

Company

Authorized Signature

**13Sep2019**

Date

**NOTE:** This addendum acknowledgement should be submitted with the bid to expedite document processing.



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Expression of Interest  
 02 – Architect/Engr

Proc Folder: 614853

Doc Description: Addendum No. 2 Hardscape Repairs Project

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2019-09-09	2019-09-13 13:30:00	CEOI 0211 GSD2000000002	3

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Name, Address and Telephone Number:

**Michael Baker International, Inc.**  
**400 Washington Street East, Suite 301**  
**Charleston, West Virginia 25301**  
**304-769-0821**

**FOR INFORMATION CONTACT THE BUYER**

Melissa Pettrey  
 (304) 558-0094  
 melissa.k.pettrey@wv.gov

Signature X

FEIN # **25-1228638**

DATE **13Sep2019**

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION:**

Addendum No.2

Addendum No. is published to issue and distribute the attached information to the vendor community.

\*\*\*\*\*

**EXPRESSION OF INTEREST**

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the West Virginia Department of Administration, General Services Division from qualified firms to provide architectural/engineering services, design services, construction bidding documents, and contract administration for multiple projects to address repairs to West Virginia Capitol Complex campus hardscape, per the bid requirements, specifications and terms and conditions as attached hereto.

\* Online submissions of Expressions of Interest are Prohibited\*

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Line	Comm Ln Desc	Qty	Unit Issue
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Comm Code	Manufacturer	Specification	Model #
81101508			

**Extended Description :**

A/E Services for WV Capitol Complex Hardscape Repairs Project

<b>GSD200000002</b>	<b>Document Phase</b> Final	<b>Document Description</b> Addendum No. 2 Hardscape Repairs Project	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

**SOLICITATION NUMBER: CEOI 0211 GSD2000000002**

**Addendum Number: 2**

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The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

**Applicable Addendum Category:**

- | Modify bid opening date and time
- | Modify specifications of product or service being sought
- | Attachment of vendor questions and responses
- | Attachment of pre-bid sign-in sheet
- | Correction of error
- | Other

**Description of Modification to Solicitation:**

Addendum issued to publish and distribute the attached documentation to the vendor community.

1. To provide an answer to the submitted Technical Questions, per Attachment A, Technical Questions and Answers.

No other changes.

**Additional Documentation:** Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

**Terms and Conditions:**

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

# ATTACHMENT A



**CEOI 0211 GSD2000000002**  
**Addendum 2: Technical Questions and Answers**

**Q1. I have a question regarding the subject Request for Proposals. Upon reviewing the RFP, I noticed that several references are made to a 2018 evaluation/assessment report developed by Chapman Technical Group. Would it be possible to receive this evaluation/report for us to review prior to submitting our proposal to the Agency?**

**A1. The evaluation/assessment report will only be provided to the successful firm.**

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: GSD200000002**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**  
(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input type="checkbox"/> Addendum No. 1            | <input type="checkbox"/> Addendum No. 6  |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3            | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

**Michael Baker International, Inc.**

\_\_\_\_\_  
Company

  
\_\_\_\_\_  
Authorized Signature

**13Sep2019**

\_\_\_\_\_  
Date

**NOTE:** This addendum acknowledgement should be submitted with the bid to expedite document processing.  
Revised 6/8/2012

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Patrick W. Fogarty, SENIOR ASSOCIATE

(Name, Title)

**Patrick W. Fogarty, Senior Associate**

(Printed Name and Title)

**400 Washington Street East, Suite 301, Charleston, WV 25301**

(Address)

**304-769-0821 / 304-769-0822**

(Phone Number) / (Fax Number)

**[pfogarty@mbakerintl.com](mailto:pfogarty@mbakerintl.com)**

(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

**Michael Baker International, Inc.**

(Company)

Russell E. Hall  
(Authorized Signature) (Representative Name, Title)

**Russell E. Hall, P.E., P.S., Office Executive**

(Printed Name and Title of Authorized Representative)

9/13/19  
(Date)

**304-769-0821 / 304-769-0822**

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA  
Purchasing Division

# PURCHASING AFFIDAVIT

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Michael Baker International, Inc.

Authorized Signature: [Signature] Date: 13Sep2019

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 13 day of September, 2019.

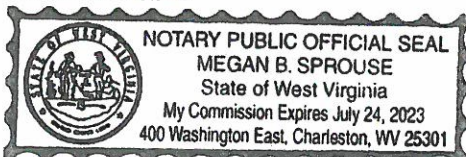
My Commission expires July 24, 2023.

**AFFIX SEAL HERE**

NOTARY PUBLIC

[Signature: Megan B. Sprouse]

*Purchasing Affidavit (Revised 01/19/2018)*



# CEOI 0211 GSD2000000002 WV Capitol Complex Hardscape Repairs Project

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### Purchasing Division Forms

### Introduction

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### Appendices

Appendix A – Certificates of Authorization for Engineering and Surveying

Appendix B – Resumes of Key Design Staff

## Introduction

**Michael Baker International** **Michael Baker International, Inc. (Michael Baker)**, is pleased to submit this response to the West Virginia Department of Administration, General Services Division (GSD) request to provide services the WV Capitol Complex Hardscape Repairs Project. We offer the GSD the unique advantages of a team that is locally-based, experienced in administering GSD projects, and knowledgeable of codes, standards, specifications, and material testing procedures related to hardscapes and site paving. Michael Baker will serve as an extension of the GSD staff and will ensure that the GSD's best interests are always the focus.

Michael Baker's proposed Project Manager is **Mr. Patrick Fogarty, P.E., P.S.** Mr. Fogarty brings a diversified design and construction administration background with site development and transportation projects exclusive to West Virginia. He is a technical manager at Michael Baker's Charleston, West Virginia office.

**Principal-In-Charge, Mr. Russell Hall, P.E., P.S.**, will be responsible for contractual management for these assignments, as well as management of Michael Baker's design review responsibilities. As Office Executive for Michael Baker's West Virginia operation, Mr. Hall provides commitment of staff for the entire assignment, as well as oversight of all design review activities and staff assignments for various disciplines as needed.

## 1. Certificates of Authorization

Copies of the Certificate of Authorization (COA) for the practice of Engineering and the practice of Surveying in the State of West Virginia are attached in Appendix A.

## 2. Overall Capabilities



Michael Baker is a full-service consulting engineering firm that has been providing surface transportation design services for over 70 years. We have provided a wide array of services on projects for WVDOT, PennDOT, VDOT, MDSHA, NCDOT, and TDOT, just to name a few. Michael Baker employs more than 5,000 personnel, in 90 offices world-wide. Of particular importance, our Charleston, West Virginia office employs over 30 individuals and has been established in the Kanawha Valley since 1952. The West Virginia Department of Administration, General Services Division is one of our premier Clients and we greatly desire to continue our mutually beneficial relationship.

We understand the requirements for this contract include engineering and related services for the bidding and construction administration of individual repair projects identified in previous studies. These services may include preliminary engineering, relevant permitting documents, final design engineering, phasing plans, construction engineering/management, and/or inspection services. The project types may include spot repairs of hardscape, new sidewalks, fountain repairs, drainage improvements, vehicular pavement, ADA upgrades, steps, ramps and building entrances.

Michael Baker is able to provide a wide variety of services under this contract such as construction phasing, cost estimating, mapping, design, construction management (shop drawing review, quantity take-off, review of CPM schedules, etc.), and construction inspection.

Michael Baker's Charleston, WV staff is knowledgeable of current codes, standards, specifications, and materials testing procedures. Each member of our proposed team has the necessary experience, qualifications and certifications to meet the staffing needs required for this contract.

Michael Baker has routinely provided planning, design, and inspection services to the WVDOH and individual Municipalities for the development of surface transportation projects such as: streetscapes, sidewalks, pedestrian bridges, and recreational trails. These assignments have also included construction administration and periodic on-site construction oversight as required. Project assignments have included major streetscape and downtown revitalization projects, at grade and elevated pedestrian walkways, plaza development, bicycle/pedestrian paths, rail trail and trailhead development and historic train depot renovations.

Michael Baker's expertise includes but is not limited to:

- Pedestrian Walkway Systems
- Pedestrian Bridges
- Streetscapes
- Downtown Plazas
- Trailhead Development
- Bicycle/Pedestrian Trails
- ADA Compliance
- Right of Way and Easements
- Storm Water Management
- Period Street Lighting
- Landscaping
- Traffic Calming
- Utility Adjustment/ Relocation in Urban and Rural Areas
- Historic Preservation and Interpretation
- Bidding Phase Services
- Construction Phase Services

### 3. Relevant Experience

The following projects highlight Michael Baker's Surface Pedestrian Transportation experience.

**Phase I and Phase II Streetscape Improvements Design and Construction Services, City of Nitro, West Virginia.** Michael Baker provided design, bid-phase support, and construction services for streetscape improvements to Bank Street, located in the city's business district. Michael Baker's services included base mapping, background data collection, design plans, construction document preparation, bid-phase support, construction management, and construction inspection.

**Sidewalk Improvements, Parsons, West Virginia.** Michael Baker performed complete planning, design, and construction management services for new sidewalks and streetscape elements for various areas within the City of Parsons. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, ladder-style crosswalks, and storm water management, landscape beds and street trees, side street parking elements, and wrought iron park benches and trash receptacles. Michael Baker provided Construction Administration and inspection services as well as periodic site review during construction.



*Parsons Sidewalk Improvements*

**U.S. 60 Sidewalk Improvements, Rupert, West Virginia.** Michael Baker provided engineering services for the construction of sidewalks and curbs along U.S. 60 (Nicholas Street). Michael Baker's services included project management, base mapping, background data collection and conceptual design, preliminary and final design, utility coordination, cost estimates, bid-phase support, construction management, and construction inspection.



*Pennsboro Trailhead*

**North Bend Rail Trail Historic Depot and Trailhead Improvements, Pennsboro, West Virginia.** Michael Baker is providing engineering, bid support, and construction management services for the construction of improvements to the parking area of the historic B&O train depot and the Pennsboro trailhead to the North Bend Rail Trail, a 72-mile hiking, biking, and horseback-riding trail. Improvements include drainage, handicapped accessibility, drinking fountains, and landscaping.

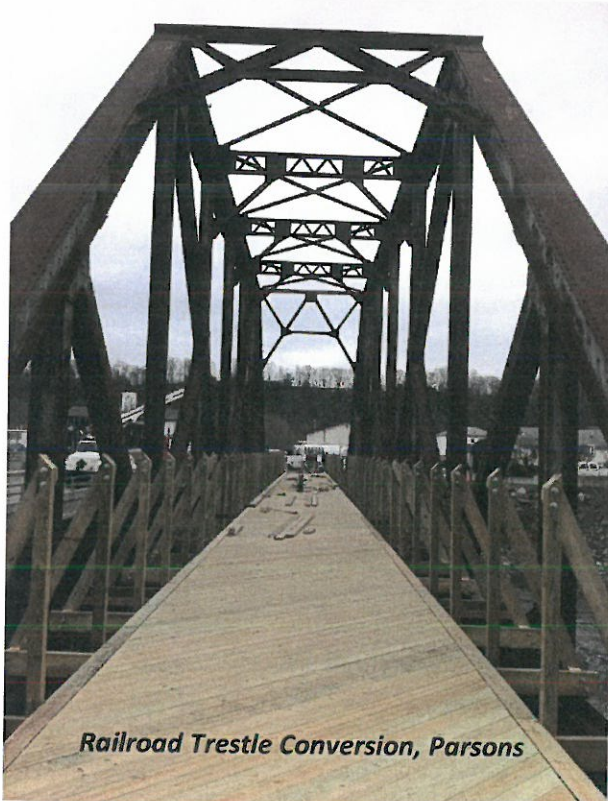
**U.S. 33 Streetscape Improvement Project – Phase II, Mason, West Virginia.** Michael Baker performed complete detailed design, construction document preparation and construction management services for new sidewalks and storm sewer improvements the Mason

Phase II Streetscape Project. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, ladder-style crosswalks, storm sewer improvements, benches and trash receptacles. Michael Baker provided construction administration and inspection services.



**Engineering, Construction Management, and Inspection Services for Conversion of Railroad Trestle to Hiking and Biking Trail. City of Parsons, West Virginia.** Michael Baker provided engineering, construction management, and construction inspection services for the conversion of an old, abandoned railroad bridge to a pedestrian and bicycle trail that has become part of the Allegheny Highlands Trail. Michael Baker's services included base mapping, structural inspection, cost estimates, and development of construction and bid documents. Michael Baker also provided bid phase support, construction management, and construction inspection.

**Valley Park Sidewalk Improvements, Hurricane, West Virginia, Putnam County Parks.** Michael Baker performed complete planning, design, and construction management services for new sidewalks and street improvements for access into Valley Park, Putnam County. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, crosswalks, and storm water improvements. The park sidewalks now have unique colored stamping of natural elements found in West Virginia, such as bear and raccoon tracks, leaves and flowers. Michael Baker also provided construction administration and periodic inspection services.



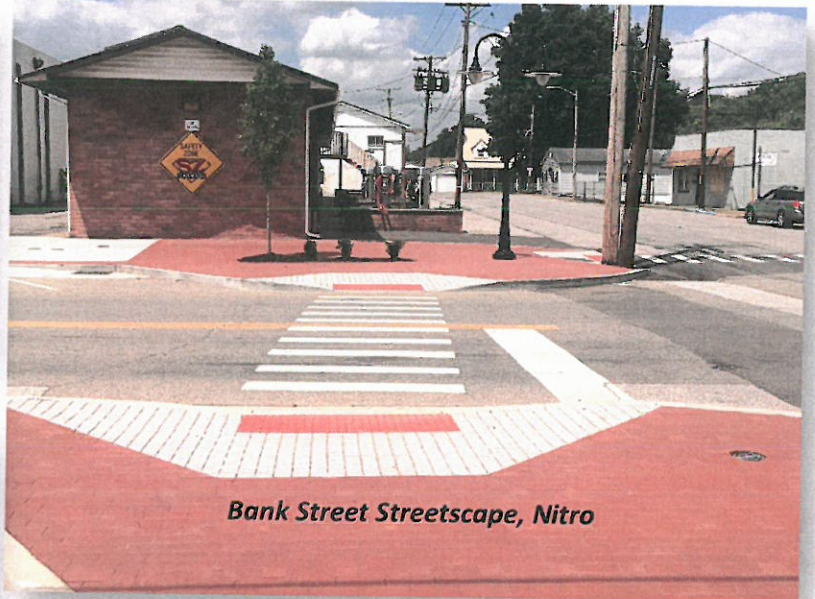
*Railroad Trestle Conversion, Parsons*



*Historic Train Depot Renovation, Lost Creek*



*Valley Park Sidewalk*



*Bank Street Streetscape, Nitro*



*Wees Historic District Streetscape, Elkins*



*Maple Street Sidewalks, Moorefield*



*Winfield Sidewalk*



*SRTS Project, Cedar Grove*

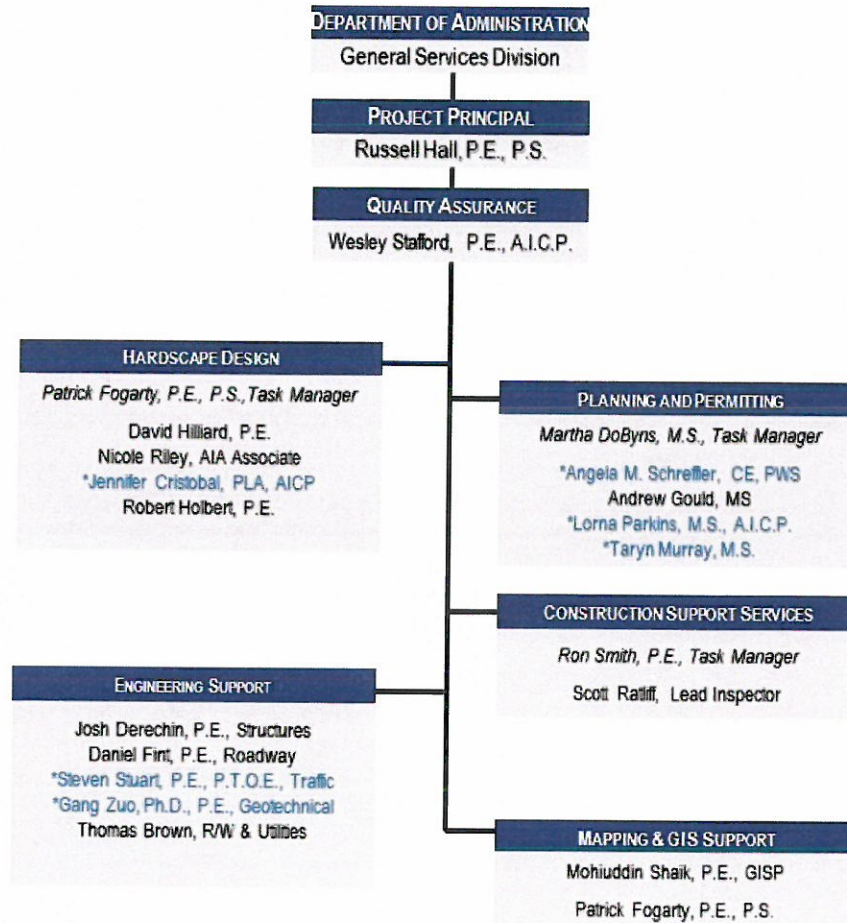


*10<sup>th</sup> Street Streetscape, Dunbar*



*Phase II Streetscape, Nitro*

## 4. Key Personnel



\*Indicates Michael Baker regional office staff

Additional Michael Baker staff is available as needed. With a network of available certified inspectors geographically located throughout the state, Michael Baker is able to quickly and efficiently staff projects during the construction phase to meet the needs of the GSD. Construction Inspectors are certified through Bridge Valley Community and Technical College and are knowledgeable of relevant codes, standards, specifications, and materials testing procedures. Inspectors are certified by the WVDOT for sampling and testing aggregate, Portland cement concrete, bituminous concrete, and compaction testing, and possess nuclear certifications in the State of West Virginia. Resumes of key design personnel are included in Appendix C.

## 5. Current Workload

Michael Baker's Charleston office has more than 30 staff members comprising engineers, technicians, surveyors, cultural and environmental scientists, and other support personnel. If selected, Michael Baker would commit to the immediate availability of qualified personnel to work on any assignment. Current surface transportation engineering work assignments include the following projects that are at various stages of completion:

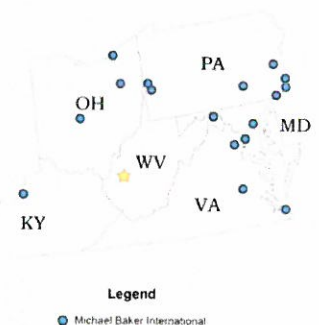
Project	Status	Expected Completion
Fort Hill Bridge	Six-Year Inspection	October 2019
Bigley Avenue I/C Bridges	Six-Year Inspection	November 2022
Veterans Memorial Bridge	Six-Year Inspection	September 2023
Dunbar Toll Bridge	Six-Year Inspection	March 2024
Corridor H – QAM Services	Const. Admin. & Eng. Services	December 2020
Rupert Sidewalk Improvement	Design	September 2019
Madison Main Street Streetscape	Construction	December 2019
West Milford Sidewalks	Construction	December 2019

## 6. Sub-Consultants

While we do not anticipate the need for Sub-Consultants on this contract, Michael Baker supports the State of West Virginia policy on advancing minority, disadvantaged, and woman-owned business enterprises. Accordingly, Michael Baker will utilize and train any of these certified enterprises at the request of the GSD.

## 7. Office Location

The base location for this assigned project staff will be Michael Baker's Charleston, West Virginia, office. Of great benefit to the GSD is the depth of available in-house resources that Michael Baker offers. By strategically integrating these resources, Michael Baker can perform as-needed, when the needs arise. With offices located in adjoining states like Pennsylvania, Maryland, Virginia, Ohio, and Kentucky, the GSD is surrounded by Michael Baker talent, poised to assist in its success.



# Appendix A

## Certificates of Authorization for Engineering and Surveying

# CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers  
having verified the person in responsible charge is registered in  
West Virginia as a professional engineer for the noted firm, hereby certifies*

**MICHAEL BAKER INTERNATIONAL, INC.**

**C00360-00**

***Engineer in Responsible Charge: RUSSELL E HALL - WV PE 010947***

*has complied with section §30-13-17 of the West Virginia Code governing  
the issuance of a Certificate of Authorization. The Board hereby notifies you of its  
certification with issuance of this Certification of Authorization for the period of:*

**January 1, 2018 - December 31, 2019**

*providing for the practice of engineering services in the State of West Virginia.*

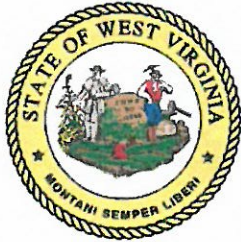
IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,  
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF  
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA  
UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

BOARD PRESIDENT

WEST VIRGINIA BOARD OF PROFESSIONAL SURVEYORS



*Certificate of Authorization*



**Michael Baker International, Inc.**

*Charleston, West Virginia*

**CERTIFICATE OF AUTHORIZATION # 19-5045**

This certificate is issued by the West Virginia Board of Professional Surveyors in accordance with *W.Va. Code §30-13A-20*  
The person or organization identified on this certificate is licensed to conduct professional surveying and mapping services  
in the State of West Virginia for the period

**January 1, 2019 through December 31, 2019**

*This certificate is not transferrable and must be displayed at the office location for which issued.*

In witness whereof, I have put my hand, this 31<sup>st</sup> day of December 2018

Handwritten signature of R. Michael Shepp in black ink.

R. Michael Shepp, P.S., Chairman  
James T. Rayburn, P.S., Member

**2019**



Handwritten signature of Sefton R. Stewart in black ink.

Sefton R. Stewart, P.S., Secretary  
Gary D. Facemyer, P.E., P.S., Member

Douglas C. McElwee, *Esq.*, Public Member



# **Appendix B**

## **Resumes of Key Design Staff**

**Patrick W. Fogarty, P.E., P.S., LEED®GA****Civil Department Manager****General Qualifications**

Mr. Fogarty is an asset to the Michael Baker team with over 30 years of project design and management experience. He is responsible for technical and management aspects of civil design and surveying projects within the office. Mr. Fogarty has designed and managed projects in numerous disciplines including civil, structural and transportation engineering, site development, planning and surveying. These projects have included retail/commercial site preparation, streets/highways, bridges, parking lots, buildings, retaining walls/foundations, sanitary systems and structures, as well as boundary and topographic and photogrammetric surveys. Duties included field surveying, drawings and specification preparation, design, design drafting, construction inspection, quality control testing, shop drawing review, project management, contract administration and report preparation.

**Experience**

**Ararat River Restoration, Greenway, and Parks Project, Mount Airy, North Carolina.** *City of Mount Airy, North Carolina.* Civil Engineer. Responsible for the site-civil park improvements along the greenway. Michael Baker prepared construction documents and construction administration and inspection services for three parks along the Ararat River in North Carolina: the first park, Riverside Park, includes basketball courts, playground structures, parking areas, a premier soccer field, picnic shelters, nature trails, canoe launch facility, restrooms, fencing, signage and landscaping. Rowe Environmental Park showcases environmental issues in the park design and construction including an outdoor amphitheater/classroom, picnic facilities, nature trails, parking area, pedestrian bridge to nearby middle school, fishing access and canoe launch facility. The final park, Tharrington Park, includes a premier soccer field, additional soccer fields to create a soccer complex, access road and parking, fitness trail, restroom facility, concessions, and maintenance building.

**City-Wide Comprehensive Parks and Recreation Master Plan, Parsons, West Virginia.** *Parsons Park Board, Inc.* Project Engineer. Responsible for cost estimating and submittal reviews for the project. Baker prepared a Master Plan of improvements and recommendations for existing and proposed parks and recreation amenities for the City of Parsons, WV. The City, over time, had acquired many parcels of FEMA-condemned properties due to the flood-prone topography of Parsons; in an effort to properly manage existing facilities, yet prepare for the future of the additional facilities scattered throughout the community, this master planning effort was begun. Through a series of public meetings and stakeholder meetings, a final plan was developed with recommendations for ball fields, hiking and biking trails, recreation center, miniature golf course, play structures, picnic facilities, ADA-compliant fishing access, interpretive signage, and landscaping improvements for existing and new park areas.

**Years with Baker: 13****Years with Other Firms: 19****Education**

B.S., 1985, Civil Engineering, West Virginia Institute of Technology

Diploma, 1993, Surveying and Mapping, International Correspondence Schools

**Licenses/Certifications**

Professional Engineer, WV, 1990  
Professional Engineer, OH, 1996  
Professional Engineer, KY, 2000  
Professional Engineer, VA, 2002  
Professional Engineer, PA, 2003  
Professional Engineer, NC, 2008

Professional Surveyor, WV, 1993  
Professional Surveyor, OH, 1996  
Professional Surveyor, KY, 2001

Construction Documents Technologist, CSI, 1996

Asphalt Technician, WVDOH, 1991  
Concrete Technician, WVDOH, 1991  
Soils Compaction, WVDOH, 1991  
Aggregate Sampling, WVDOH, 1991

LEED® Green Associate, 2012

**Maple Avenue Streetscape, Moorefield, West Virginia.** *Town of Moorefield.* Project Manager responsible for the coordination of all activities. The Town of Moorefield was in need of a pedestrian-friendly way of connecting the downtown area with the highly utilized nearby community park. Maple Avenue was a secondary street connecting the two areas but had no sidewalks and deep ditches along most of the corridor. Moorefield tasked Baker with the planning and design of improvements that would both upgrade existing facilities and create a unified community linking the downtown with the community park.

**Storm Sewer Planning and Facilities, Hambleton, West Virginia.** *Town of Hambleton.* Project Manager responsible for the coordination of all activities. Michael Baker was retained by the Town of Hambleton to prepare a storm water management plan and subsequent bid documents, and construction documents and specifications for the implementation of the plan. The storm water management study concentrated on the area from the initial collection point along State Route 72 (Center Street) down gradient to the eventual outfalls at the Blackwater River.

**City of Parsons Sidewalk Improvements, Parsons, West Virginia.** *City of Parsons.* Project Manager responsible for the coordination of all activities. Michael Baker performed complete planning, design, and construction management services for new sidewalks and streetscape elements for various areas within the City of Parsons. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, ladder-style crosswalks, and storm water management, landscape beds and street trees, side street parking elements, and wrought iron park benches and trash receptacles. Michael Baker provided Construction Administration and inspection services as well as periodic site review during construction.

**US 33 Streetscape Improvement Project - Phase II, Mason, West Virginia.** *Town of Mason.* Project Manager responsible for the coordination of all activities. Michael Baker performed complete detailed design, construction document preparation and construction management services for new sidewalks and storm sewer improvements the Mason Phase II Streetscape Project. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, ladder-style crosswalks, storm sewer improvements, benches and trash receptacles. Michael Baker provided construction administration and inspection services.

**Valley Park Sidewalk Improvements, Hurricane, West Virginia.** *Putnam County Parks and Recreation Commission.* Project Engineer. Michael Baker performed complete planning, design, and construction management services for new sidewalks and street improvements for access into Valley Park, Putnam County. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, crosswalks, and storm water improvements. The park sidewalks now have a unique colored stamping of natural elements found in West Virginia, such as bear and raccoon tracks, leaves and flowers. Michael Baker also provided construction administration and periodic inspection services.

**Historic Wellsburg and Bethany Scenic Byway Corridor Management Plan, Brooke County, West Virginia.** *Brooke County Commission.* Project Engineer. Responsible for the management and coordination of all activities. Michael Baker developed a corridor management plan (CMP) for 20 miles of roadway extending from S.R. 27 near Brooke Hills Park and onto S.R. 2 to S.R. 67 near Bethany College, as part of the application process to have the corridor designated a scenic byway by the West Virginia Department of Transportation and to encourage recreational use and economic development along the corridor.

**North Bend Rail Trail Historic Depot and Trailhead Improvements, Pennsboro, West Virginia.** *City of Pennsboro.* Project Engineer for all civil and structural activities. Michael Baker is providing engineering, bid support, and construction management services for the construction of improvements to the parking area of the historic B&O train depot and the

Pennsboro trailhead to the North Bend Rail Trail, a 72-mile hiking, biking, and horseback-riding trail. Improvements include drainage, handicapped accessibility, drinking fountains, and landscaping.

**Conversion of Railroad Trestle to Hiking and Biking Trail, Parsons, West Virginia.** *City of Parsons.* Project Manager. Responsible for the coordination of all activities. Michael Baker provided engineering, construction management, and construction inspection services for the conversion of an old, abandoned railroad bridge to a pedestrian and bicycle trail that will become part of the Allegheny Highlands Trail. Michael Baker's services included base mapping, structural inspection, cost estimates, and development of construction and bid documents. Baker also provided bid phase support, construction management, and construction inspection.

**Kanawha-Putnam Bike/Pedestrian Plan.** *Regional Intergovernmental Council, South Charleston, West Virginia.* Project Planner. Michael Baker performed a cursory inventory of existing bicycle and pedestrian facilities, identified areas with a high level of bicycle and pedestrian activity, collected existing resources and performed a broad base public outreach effort to identify bicycle and pedestrian issues in Kanawha and Putnam Counties for the Regional Intergovernmental Council (RIC). All data, survey results and preliminary findings were compiled for analysis and incorporation into the final plan during Phase II of the study.

**Town of West Milford-Sidewalk Improvements, West Milford, West Virginia.** *Town of West Milford.* Project Engineer. Baker performed complete planning, design and construction management services for new sidewalks along U.S. Route 270 (Main Street) for the Town of West Milford. The improvements included concrete sidewalks with integral concrete curbs, driveway curb cuts, ADA accessible curb ramps with truncated domes, "ladder-style" crosswalks and storm drainage design. Baker provided Construction Administration and resident inspection services as well as periodic site review during construction.

**Lost Creek Train Depot Rehabilitation Lost Creek, West Virginia.** *Town of Lost Creek.* Project Manager. Responsible for the management and coordination of all activities as well as all engineering design. The Town of Lost Creek retained Baker for the planning and design of the rehabilitation of a historic train depot adjacent to the Harrison County Rail Trail. Baker prepared a plan to raise the structure, make repairs to the deteriorated timber, excavate and place the concrete foundation system, then lower the structure to rest on the new foundation. Baker provided construction administration and inspection services as well as periodic site review during construction.

## Jennifer Cristobal, PLA, A.I.C.P.

### Landscape Architect / Planner

#### General Qualifications

Ms. Cristobal is a community planner and landscape architect with thirteen years of varied experience in community development, urban design, and park planning. Her experience has exposed her to trail planning along abandoned railroad corridors, riverfront development projects, as well as adaptive reuse and planning in communities where populations are continuing to contract. As both a planner and a designer, she excels at identifying policy, programming, and design solutions.

#### Experience

**Bloomfield Streetscape Project.** *Bloomfield Development Corporation. Pro Bono Landscape Architect.* As a pro bono effort, provided planning assistance and landscape architecture services for a streetscape project. Coordinated the installation of demonstration streetscape improvements like benches, planters, and trash cans. Due to the demographics of the community, produced a visual survey for resident feedback that was designed for users with low literacy and vision issues. The survey was widely distributed and resulted in significant response rates and community engagement.

**Mon-Oakland Mobility Plan, Pittsburgh, Pennsylvania.** *City of Pittsburgh, Pennsylvania. Planner.* Provided technical planning and community engagement for a stakeholder-driven process for a multi-modal transportation plan. Michael Baker created the Mon-Oakland Mobility Plan with Pittsburgh's Department of Mobility Infrastructure and the Urban Redevelopment Authority. Michael Baker developed an alternative mobility concept that would provide new transit connections for the residents of Hazelwood, Greenfield, and Four Mile Run. Seeking to build community consensus, Michael Baker created a methodology of extensive public consultation and engagement and evaluated five possible alternatives, and through geotechnical, planning, and engineering expertise, proved each alternative's merits, including cost, time of construction, and disruptions to the neighborhoods. Additionally, Michael Baker conducted several site visits to help create the best route for this system. The Mon-Oakland Mobility Plan quantified demand and connectivity access between neighborhoods and Oakland; explored routes and technologies to meet demand; recommended mobility facilities for design that can coincide with the Four Mile Run Green Infrastructure Project; and identified the associated provisions and policies to make a new connection work. The Mon-Oakland Mobility Plan is expected to be implemented by 2021.

**Area Development Master Plans.** *US Army Corps of Engineers. Planner.* Responsibilities included QA/QC for graphics, reports, and illustrative master plans related to Area Development Plans and other planning documents for US Army installations nationwide. This project supports the holistic Installation Management Command (IMCOM) Master Planning program which focuses on working with diverse installations and regional organizations to build a collaborative planning outreach to engage stakeholders. This results in empowering stakeholders to build consensus and prepare a Real Property Vision Statement, Installation Planning Standards, a set of planning strategies, a development plan strategy, and regulatory planning guidance as part of an Area Development Plan. The project involved Facility Occupancy Verification Surveys (FOVS), Planning Charrettes, and Planning Products at six large IMCOM installations.

**Ross Township Bicycle and Pedestrian Plan.** *Ross Township, Pennsylvania. Planner.* Provided planning and design on the bicycle/pedestrian plan for Ross Township including overall recommendations, mapping, and report production.

**Years with Michael Baker:** 4  
**Years with Other Firms:** 9

#### Degrees

M.L.A., 2009, Landscape Architecture, Chatham University

B.A., 2004, Urban Studies/Planning, University of Pittsburgh

#### Licenses/Certifications

Landscape Architect, Pennsylvania, 2015

American Institute of Certified Planners, USA and Canada, 2016, 285147

**Portage Lakes Water Trail, Summit County, Ohio.** *Ohio and Erie Canalway Coalition. Landscape Architect.* Completed designs for non-motorized boat ramps and trails at three overland connections for the Portage Lakes Water Trail. Designs included natural and manmade shorelines, connections with existing communities, additional pedestrian/boater amenities, signage, and landscaping. Completed research for and recommendations related to overall objectives and design guidelines for the creation of land trails. Completed report production including text, graphics, and mapping. Michael Baker performed a feasibility study for connecting the Ohio and Erie Canal with Long Lake and the Portage Lakes for nonmotorized and motorized boating. The water trail would provide residents and visitors the opportunity to travel between Portage Lakes and downtown Akron. Michael Baker's services included cost estimates, project phase development, and examination of the various elevation changes between the Ohio and Erie Canal and Portage Lakes.

**West Point Military Academy Master Planning.** *U.S. Army Corps of Engineers. Senior Planner.* Acted as a senior planner for multiple master planning efforts at West Point. Participated in the creation of a Vision Plan and Planning Standards that divides the campus into districts and provides general planning guidance. Worked on 3 Area Development Plans, which include a weeklong stakeholder-drive workshop, illustrative master plan showing phased projects and cost estimates, and a report documenting the process and results. Currently working with the Academy to schedule a fourth Area Development Plan.

**Advanced Training Center.** *US Customs and Border Protection. Planner.* Provided master planning concepts and plans. This training/classroom campus is designed to meet the training needs of career CBP Officers, Border Patrol Agents, and Air and Marine law enforcement personnel within Operational Security (OPSEC) parameters. The campus is currently overutilized for the current trainings and conducts numerous trainings at various locations across the country due to lack of space. Michael Baker developed Master Planning products to help address overcrowding and address ongoing facility needs.

**Flag Officer Quarters Bahrain.** *US Army Corps of Engineers. Landscape Architect.* Provided landscape architecture/landscape design for Officers Quarters at the installation.

**Landscape Design & LEED Silver.** *Basic Systems, Inc. Landscape Architect.* Provided landscape architecture design for small office campus site in compliance with LEED Silver requirements.