

AFFIDAVIT

STATE OF Missouri)
) SS.
COUNTY OF Platte)

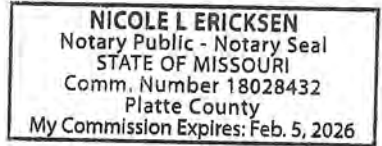
Valerie S McCaw of the city of Kansas City
County of Platte State of Missouri being duly sworn on her or his oath, deposes and says,

1. That I am the President (Title of Affiant) of VSM Engineering LLC (Name of Bidder) and have been authorized by said Bidder to make this Affidavit upon my best information and belief, after reasonable inquiry as to the representations herein.
2. No Officer, Agent or Employee of Jackson County, Missouri is financially interested directly or indirectly what Bidder is offering to sell to the County pursuant to this Invitation (though no representation is made regarding potential ownership of publicly traded stock of bidder).
3. If Bidder were awarded any contract, job, work or service for Jackson County, Missouri, no Officer, Agent or Employee of the County would be interested in or receive any benefit from the profit or emolument of such.
4. Either Bidder is duly listed and assessed on the tax rolls of Jackson County, Missouri and is not delinquent in the payment of any taxes due to the County or Bidder did not have on December 31, 2021, any property subject to taxation by the County and if bidder is duly listed and assessed on the tax rolls of Jackson County, Missouri, bidder agrees to permit an audit of its records, if requested by the Jackson County Director of Assessment, as they relate to the assessment of Business Personal Property.
5. Bidder has not participated in collusion or committed any act in restraint of trade, directly or indirectly, which bears upon anyone's response or lack of response to the Invitation.
6. Bidder certifies and warrants that Bidder or Bidder's firm/organization is not listed on the General Services Administration's Report of Debarred and/or Suspended Parties, or the State of Missouri and City of Kansas City, Missouri Debarment List.
7. Bidder certifies and affirms its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the contracted services.
8. Bidder certifies and affirms that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services.

VSM Engineering LLC (Name of Bidder)
By: Valerie S McCaw (Signature of Affiant)
President (Title of Affiant)

Subscribed and sworn to before me this 18th day of July, 2022
Nicole R Gmbh

NOTARY PUBLIC in and for the County of Platte (SEAL)
State of Missouri
My Commission Expires: 2/5/2026



ACKNOWLEDGMENT OF RECEIPT OF ADDENDA

The undersigned acknowledges receipt of Addenda through and including numbers 1-8 and that this Proposal is submitted in accordance with information, instructions, and stipulations set forth therein.

Valerie S Meaw
Signature of Respondent

7/18/22
Date

VSM Engineering, LLC
Company Name

8008 N. Chatham Ave
Address

Kansas City, MO 64151
City, State, and Zip

816-702-8888
Phone

EXHIBIT F

**RESPONDENT'S EXCEPTIONS
TO
SCOPE OF SERVICES
OF**

JACKSON COUNTY, MISSOURI INVITATION TO BID NO. 80-22

Respondent's attention is directed to Paragraph 4 of the General Conditions of this Request for Qualifications. **READ THIS PARAGRAPH CAREFULLY.**

The following exceptions to the Scope of Services of Request for Qualifications No. 80-22 are requested by the undersigned Respondent: (Use additional pages as necessary.)

REFERENCE PARA # & PAGE #	EXCEPTION REQUESTED
	None

Name of Firm: VSM Engineering
Signature of Bidder: Valerie S Meaw



OFFICE OF THE COUNTY AUDITOR
COMPLIANCE REVIEW OFFICE
 415 E 12TH STREET, 2ND FLOOR
 KANSAS CITY, MISSOURI 64106

(816) 881-3302
 FAX (816) 881-3340
 CRO@JACKSONGOV.ORG
 WWW.JACKSONGOV.ORG/AUDITOR

**JACKSON COUNTY, MISSOURI
 CONTRACTOR UTILIZATION PLAN**

Bid/RFP/RFQ Number: 80-22
 Bid/RFP/RFQ Title: Trail Design and Engineering Services
 Contracting Department: Parks + Rec Department
 Respondent: _____

I, Valerie S. McCaw, of lawful age and upon my oath state as follows:

1. This Affidavit is made for the purpose of complying with the provisions of the MBE/WBE/VBE submittal requirements on the above Bid/RFP/RFQ and the MBE/WBE/VBE Program and is given on behalf of the Respondent listed above. It sets out the Respondent's plan to utilize MBE and/or WBE and/or VBE prime and subcontractors on the awarded contract.

The goals set by Jackson County, Missouri are:

9.5 % MBE 11.7 % WBE 11.7 % VBE

2. Bidder stipulates that it will utilize a minimum of the following percentages of MBE/WBE/VBE participation in the above bid:

_____% MBE _____% WBE _____% VBE

3. The following are the MBE/WBE/VBE Contractors to be utilized on the above-named solicitation. Respondent maintains that it either has a formal contract or a conditional contract contingent upon award.

Please note:

- a. If Bidder is a certified MBE, WBE, or VBE firm, it may list itself in the appropriate area below.
- b. No contractor may be listed under multiple categories below regardless of certifications.

INTERNAL USE ONLY	
CUP RECEIVED: _____	CUP APPROVED: _____
GFE RECEIVED: _____	GFE APPROVED: _____
CUP REVISED: _____	REVISION APPROVED: _____
APPROVED GOALS: _____ MBE _____ WBE _____ VBE	
RES/ORD: _____	AMT AWARDED: _____
NOTES:	

MBE SUBCONTRACTORS

Add Additional Pages as Necessary

Description

Bidder Response

A.	MBE Firm:	SE3	INTERNAL USE ONLY
	Address line 1:	8401 E M 350 Highway	
	Address line 2-include County:	Kansas City, MO 64133, Jackson	
	Telephone Number:	816-272-5545	
	President/Owner:	Vernal Stewart	
	Email Address:	vstewart@se3.us	
	Certifying Agency	KCMO	
	Expiration Date of Certification:	12/1/22	
	Scopes of Work Utilized:	Construction Inspection & civil engineering services	
	Percentage of Contract Awarded:	9.5%	
			Certifying Agency: KCMO State of MO
			Approved: Y N
			Sub A Contract Value: \$

B.	MBE Firm:		INTERNAL USE ONLY
	Address line 1:		
	Address line 2-include County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		
			Certifying Agency: KCMO State of MO
			Approved: Y N
			Sub B Contract Value: \$

C.	MBE Firm:		INTERNAL USE ONLY
	Address line 1:		
	Address line 2-include County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		
			Certifying Agency: KCMO State of MO
			Approved: Y N
			Sub C Contract Value: \$
			\$
			TOTAL MBE VALUE
			\$

WBE SUBCONTRACTORS

Add Additional Pages as Necessary

Description		Bidder Response	
A.	WBE Firm:	VSM Engineering, LLC.	INTERNAL USE ONLY
	Address line 1:	8008 N. Chatham Ave	
	Address line 2-include County:	Kansas City, MO 64115, Clay	
	Telephone Number:	816-702-8888	
	President/Owner:	Valerie McCarv	
	Email Address:	vmccarv@vsmkc.com	
	Certifying Agency	KCMO	
	Expiration Date of Certification:	12/17/22	
	Scopes of Work Utilized:	Trail Design, Permitting	
	Percentage of Contract Awarded:	11.7%	
			Certifying Agency: KCMO State of MO
			Approved: Y N
			Sub A Contract Value: \$
B.	WBE Firm:	Vireo	INTERNAL USE ONLY
	Address line 1:	414 Oak St Suite 101	
	Address line 2-include County:	Kansas City, MO 64106, Jackson	
	Telephone Number:	816-756-5690	
	President/Owner:	Linda deFlon	
	Email Address:	linda@bevireo.com	
	Certifying Agency	KCMO	
	Expiration Date of Certification:	12/10/22	
	Scopes of Work Utilized:	Landscape Architect Services	
	Percentage of Contract Awarded:		
			Certifying Agency: KCMO State of MO
			Approved: Y N
			Sub B Contract Value: \$
C.	WBE Firm:		INTERNAL USE ONLY
	Address line 1:		
	Address line 2-include County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		
			Certifying Agency: KCMO State of MO
			Approved: Y N
			Sub C Contract Value: \$
		TOTAL WBE VALUE	\$

VBE SUBCONTRACTORS

Add Additional Pages as Necessary

Description		Bidder Response	INTERNAL USE ONLY
A.	VBE Firm:	Parson + Associates	INTERNAL USE ONLY Certifying Agency: <input type="checkbox"/> KCMO <input type="checkbox"/> State of MO Approved: Y N Sub A Contract Value: \$
	Address line 1:	1601 E 18th St, Suite 211	
	Address line 2-include County:	Kansas City, MO 64108, Jackson	
	Telephone Number:	816-216-6571	
	President/Owner:	R. Jason Parson	
	Email Address:	Jason@parsonKc.com	
	Certifying Agency	Veterans Administration	
	Expiration Date of Certification:	2022	
	Scopes of Work Utilized:	Public Outreach	
	Percentage of Contract Awarded:	11.7%	
B.	VBE Firm:		INTERNAL USE ONLY Certifying Agency: <input type="checkbox"/> KCMO <input type="checkbox"/> State of MO Approved: Y N Sub B Contract Value: \$
	Address line 1:		
	Address line 2-include County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		
C.	VBE Firm:		INTERNAL USE ONLY Certifying Agency: <input type="checkbox"/> KCMO <input type="checkbox"/> State of MO Approved: Y N Sub B Contract Value: \$
	Address line 1:		
	Address line 2-include County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		
		TOTAL VBE VALUE	\$

ACKNOWLEDGMENT

Respondent acknowledges that it is responsible for considering the effect that any change order and/or amendments changing the total contract amount may have on its ability to meet or exceed the subcontractor participation goals.

Good Faith Effort:

Respondent further acknowledges that it is responsible for submitting a **Good Faith Effort Form** if it will be unable to meet the participation goals. A **Good Faith Effort Form** documents the efforts a respondent puts forth to achieve the MBE and/or WBE and/or VBE goals on a project. **Simply stating that goals cannot be met is not considered sufficient.**

Contractor Modification Form:

If, at any point during the life of the awarded contract, the contractor needs to substitute an approved subcontractor a **Contractor Modification Form** must be submitted to the Compliance Review Office.

Any Good Faith Effort or Contractor Modification Form must be approved by the Compliance Review Office.

*****Contact the Compliance Review Office for assistance or to request forms.*****

I hereby certify that I am authorized to make this Affidavit on behalf of the Respondent named below and who shall abide by the terms set forth herein. I acknowledge that the assigned values determined by this CUP shall be enforceable under the contract terms and conditions.

Respondent Primary Contact: Valerie S McCaw

Title: President **Email:** vmccaw@vsmkc.com

Date: 7/18/2022 **Phone:** 816-914-1788

Subscribed and sworn to before me this 18th day of July, 20 22

My Commission Expires: 2/5/2026

Notary Public
(Attach corporate seal if applicable)

NICOLE L ERICKSEN
Notary Public - Notary Seal
STATE OF MISSOURI
Comm. Number 18028432
Platte County
My Commission Expires: Feb. 5, 2026

For questions on this form please contact:

Compliance Review Office
816-881-3302
CRO@jacksongov.org



Presented to
JACKSON COUNTY, MISSOURI
415 East 12th St. Room 105
Kansas City, Missouri 64106
August 2nd, 2022

Contact:
Valerie McCaw, President
VSM Engineering
8008 N Chatham Ave
Kansas City, MO 64151
816.914.1788
vmccaw@vsmkc.com

On Call Trail Design & Engineering Services for the Parks & Rec Department



August 2nd, 2022

Jackson County, Missouri
415 East 12th Street, Room 105
Kansas City, Missouri 64106

RE: ON CALL TRAIL DESIGN & ENGINEERING SERVICES FOR THE PARKS & REC DEPARTMENT

Dear Parks & Rec Department,

Thank you for this opportunity to submit our proposal to Jackson County to provide services for the On Call Trail Design & Engineering contract. **VSM, created in 2003, is a women-owned firm providing civil engineering services and expressing interest in providing services for trails, pedestrian transportation facilities design, and construction specifications development.** We will be assisted by SE3 (MBE) for construction inspection and other civil engineering services, Vireo (WBE) for landscape architecture, Geotechnology, LLC. for geotechnical investigation and Parson + Associates (VBE) for Public Engagement.

Successful Team with Trail Planning and Design Experience

VSM has worked on more than eight trail design jobs. As you will see in our proposal, our team members have individual experience working for Parks Departments, but we also have relevant experience working as a team. VSM (WBE) led design services for the North Troost Trail project which included a 40-ft pedestrian bridge.

Our team member, Geotechnology, has worked with VSM on both the North Troost Trail project as well as the Rock Island Trail. SE3 and Parson have worked along VSM on previous public projects. We recently concluded a road improvement project in which Parson was our public outreach subcontractor. Lastly, we've been partnering with Vireo over 10 years on many projects. As for bridge design on trails, we use prefabricated bridges and a structural engineer subcontractor for the abutment design. For surveying, we use two or three different firms depending upon their current work load.

The following factors distinguish our team for this assignment:

- » Prior on-call contract experience means we can offer you creative solutions and expertise.
- » We can optimize project budgets for all your trail projects by evaluating your wants and needs.
- » Experienced floodplain permitting services will provide you with a quick turnaround.
- » Our team is primarily located in Jackson County. Your tax money is recycled within your jurisdiction.

Ms. Valerie McCaw, P.E., will be our proposed project manager. In the past five years, Valerie served as Project Manager for 12 City of Kansas City, Missouri prime contracts, three of which were Parks Department projects. Sarah Beers, P.E., will be our lead design engineer.

VSM Engineering, LLC.
8008 N Chatham Ave
Kansas City, MO 64151
816. 914.1788
www.vsmkc.com

Sarah brings more than 16 years of experience on a wide variety of civil engineering projects including roadways, sites, and waterways. Sarah also is the lead for our own flood permits to FEMA, KCMO and MDNR. Our PM and Lead Design Engineer will ensure that plans will meet your schedule, Jackson County's design guidelines and budget. ***Our product is the plan set but our goal is to have an excellent system installed efficiently that will operate well.***

Optimize the Project Budget

We understand how restricting budgets can be. When working on our North Troost Trail Project the client had wanted two pedestrian bridges. By designing a culvert instead of building a pedestrian bridge, ***VSM was able to meet the design criteria and cut cost by \$50,000. Not every project requires new construction. As you review our experience, please note the ways we reduced project costs.***

We can partner with Jackson County staff to help determine ways to reduce your project costs.

1. Reducing uncertainty in the bid documents will aid in cost reduction.
2. Consider completing the project in phases if so desired.
3. We can use bid alternates as a way to determine the exact cost of each option.
4. ADA requirements must be balanced with Earthwork cuts and fills in trail design. We can lower costs by minimizing fills. This also helps with FEMA permitting.

Ability to communicate and meet tight deadlines

Jackson County needs a team who understands the nature and flexibility of on-call services while meeting deadlines. VSM attributes part of our success to our team's ability to directly communicate in a clear, honest, and straightforward manner. Simplicity is the key. References are included in the proposal.

We desire to build a strong working relationship with Jackson County. Our team is very motivated to working and serving you. As you review the information we have provided, please let us know if we may address any questions you have. Please contact me at 816-914-1788 if you have any questions.

Sincerely,



Valerie S. McCaw, P.E.
VSM ENGINEERING,

VSM Engineering, LLC.
8008 N Chatham Ave
Kansas City, MO 64151
816. 914.1788
www.vsmkc.com

VSM at the North Troost Trail Groundbreaking. VSM served as the civil design engineer for 6,600 LF of trail from North Troost Avenue connecting Englewood Park to the North East Vivion Road Trail.



TABLE OF CONTENTS

- 1 Firm Qualifications
- 2 Experience
- 3 Key Personnel

FIRM QUALIFICATIONS



The neighborhood on N. 44th & Kelsey was flooded. VSM designed a stormwater transportation system that improves flow and prevents damage to homes.

CUSTOMIZE YOUR SERVICE

CIVIL DESIGN

Parking Lot Design
Site Grading & Drainage
Stormwater Analysis & Design
Underground Detention
SWPPP and Erosion Control
Utility Coordination
Water and Sanitary Sewer Line Design
Retaining Wall Design
Permitting
Specifications
Construction Inspection/Management

UTILITY COORDINATION

Over 35 completed projects in < 5 years
MoDOT On-Call list 2017- 2020

CONSULTING

SWPPP Inspections
CM Services
Quality Control
Peer Reviews

ALTERNATIVE DELIVERY METHODS

Design-Build & CMAR Experience

STORMWATER

*Floodplain Permitting**
Storm Sewer Design
Green Infrastructure
Drainage Design & Studies
Capacity Studies
Detention Pond Design
Culvert Design
Hydrologic & Hydraulic Analyses
Stormwater Pollution Prevention Plans (SWPPP)

TRANSPORTATION

*Trail Design**
Street Rehabilitation
Stormwater Design
Permitting
Specifications
SWPPP and Erosion Control
Quality Control Reviews
Construction Traffic Control

WATER SEWER

Water Main/Line Design
Sanitary Sewer Line Design
Utility Coordination
Permitting
Specifications

VSM Engineering, LLC is a professional civil engineering service firm providing general civil engineering services for local capital projects to clients in the public and private sectors.

MUNICIPAL INFRASTRUCTURE SERVICES:

- » Planning
- » Design
- » Analysis
- » Construction plans
- » Construction management

We specialize and tailor services for you.

CERTIFICATIONS

WBE | DBE | WOSB | SLBE

BRIEF HISTORY OF FIRM

VSM Engineering was established in 2003 by Valerie McCaw, PE. The business began out of Valerie's home where she leveraged her background as a former government employee along with her education – Valerie has a master's degree in civil engineering and construction management – to secure two contracts with Platte County, Missouri as the Interim County Engineer and the Roads Master Plan Engineer. During this time VSM Engineering provided program management services for a \$50 million program, including management of design contracts for roadway and bridge projects, construction management for road and bridge projects, right-of-way acquisitions, and utility relocations. Relevant projects included S. Congress Roadway Improvements – Phase 1 and Green Hills Roadway Improvements.

Since then, VSM has grown to include two office locations and seven staff members. VSM Engineering, LLC was officially established in the state of Missouri under the current name on November 8, 2004.

EXPERIENCE WITH LOCAL GOVERNMENT CLIENTS

Valerie, our Project Manager, brings a unique perspective with experience as both a former government employee and as an outside consultant. Valerie is a former Assistant City Engineer for Broken Arrow, Oklahoma and served as the Interim Engineer for Platte County, Missouri. She understands the unique and often varying requirements city staff work with every day.

Valerie has more than 20 years of experience serving municipal clients. She has performed in varying capacities from lead engineer to principal designer and project manager. She has extensive experience in management, design, and construction management of capital projects. Valerie's municipal clients are featured throughout our proposal and include:

- City of Riverside, MO
- Platte County, MO
- City of Grandview, MO
- City of Henrietta, MO
- City of Liberty, MO
- City of Kansas City, MO

MISSOURI MUNICIPAL SERVICES

VSM Engineering has provided engineering services to Missouri communities since our inception more than 15 years ago. VSM has developed valuable relationships with key partners, including government agencies, utility owners, and local professionals that will help you meet your goals. VSM has provided services for the following Missouri government agencies:

- City of Riverside, MO
- Platte County, MO
- City of Grandview, MO (sub-contractor)
- City of Henrietta, MO
- City of Parkville, MO
- City of Kansas City, MO
- City of Liberty, MO
- Jackson County Sports Authority
- KC Streetcar Authority
- Missouri Department of Transportation (sub-contractor)

CLIENT CONTACT INFORMATION

Valerie McCaw, PE will be the main point of contact for Jackson County.

Valerie McCaw, PE, CFM, D.WRE, ENV SP
President/Project Manager

8008 N Chatham Ave
Kansas City, MO 64152

O: 816.702.8888

C: 816.914.1788

E: vmccaw@vsmkc.com



VSM designed this 10-foot Asphalt Sidewalk from Parking Lot L to Arrowhead Stadium. VSM also performed stormwater improvements for Lot L.

TEAM EXPERIENCE WITHIN JACKSON COUNTY

VSM ENGINEERING

- » Rock Island Trail - sub for Utility Coordination
- » Kauffman & Arrowhead Stadium Improvements - Parking Lot J
- » Pedestrian Improvements to Lot L At Arrowhead Stadium, Kansas City, Mo
- » Street Improvements For Lee's Summit Road - NW Lakewood To Anderson Dr
- » Northern To Lee's Summit Rd, E.49 To E.62 Water Main Replacement (Fy2017)
- » Independence Roadway Project
- » 60-In Culvert Extension Under KCS RR
- » Park Trail @ Grandview Triangle

GEOTECHNOLOGY

- » I-70 Corridor Improvements, Kansas City MO
- » Hidden Valley Park Improvements, Blue Springs
- » Keystone Park Improvements, Blue Springs
- » UMKC Science and Computer Engineering Building KCMO
- » Oak and 50th Street Parking Garage, UMKC, KCMO
- » Arupe Hall, Rockhurst University, KCMO

PARSON

- » Martin Luther King Jr. Parkway Pedestrian and Streetscape Improvements - MARC
- » Blue Ridge Streetscape Improvements - MARC
- » 8th & Woodland Streetscape Improvements - KCMO Public Works, City Planning & Development
- » Upgrades on Main - KC Water
- » Blue River Wastewater Treatment Plant - KC Water
- » Barney Allis Plaza and Auditorium Garage Redevelopment, KCMO General Services
- » Overflow Control Program, Smart Sewers - KC Water
- » Keep Out the Rain - KC Water
- » North Oak Complete Street Study - MARC
- » RideKC Next - KCATA
- » Red Bridge Road, Holmes to Wornall - KC Parks
- » KC Streetcar, Main Street Extension - KCMO Public Works
- » Independence Avenue BRT Planning & Feasibility Study - KCATA
- » KC Spirit Playbook - KCMO City Planning & Development
- » MLK Park - KC Parks
- » Mill Creek Park - KC Water
- » City of Raytown - Raytown Cares
- » 31st & Broadway - KC Water
- » City of Raytown Strategic Planning
- » 40th & Monroe - KC Water
- » Greenline - KC Parks
- » KC Streetcar Constructors
- » KC Parks, 10 Park Playground Updates
- » East West Transit Study - KCATA
- » Improve I-70 KC: Paseo to U.S. 40 - MoDOT

SE3

- » 135th Street Improvement project - Megan Wiskur & Jim Cherney (with another firm)
- » Little Blue Trace Trail - Jim Cherney (with another firm)
- » Colbern Road Improvements from MO Route 7 west to Cyclone School Road - Megan Wiskur (with another firm)

VIREO

Trail Planning Experience

- » National Parks Service - 3-Trails Corridor | Kansas City Metro (MARC)
- » 3-Trails - 6th District PITC Study | Kansas City, MO
- » Clay County Trails Planning | Clay County, MO
- » MARC Bike and Pedestrian Plan | Kansas City Metro (MARC)
- » Brush Creek – Blue River Confluence Trail | Kansas City, MO
- » Trails KC | Kansas City, MO
- » Bike KC | Kansas City, MO
- » Little Blue River Trail Planning – Longview to Bannister Road | Kansas City, MO (USACE)
- » Riverfront Heritage Trail – | Kansas City, MO
- » Riverfront Heritage Trail – Spirit of Kansas City Scenic Byway | Kansas City, MO
- » Riverfront Heritage Trail – Art Master Plan | Kansas City, MO
- » MetroGreen | Kansas City Metro (MARC)
- » Pleasant Hill Trail Master Plan | Pleasant Hill, MO
- » Lee's Summit Greenway Master Plan | Lee's Summit, MO

Trail Design and Construction Experience

- » Missouri Riverfront Trail – Front Street to Chouteau Parkway | Kansas City, MO (MoDOT)
- » Blue River Trail - Swope Park to Colorado Ave Bridge | Kansas City, MO (MoDOT)
- » Blue River Trail - Colorado Ave Bridge to Stadium Drive | Kansas City, MO (MoDOT)
- » Blue River Trail - Stadium Drive to Truman Road | Kansas City, MO (MoDOT)
- » Blue River Trail - 103rd Street to Alex George Lake | Kansas City, MO (MoDOT)
- » Truman Farm Home Trail | Grandview, MO (MoDOT)
- » Missouri Riverfront Levee Trail – Front Street to Chouteau Parkway | Kansas City, MO (MoDOT)
- » 3-Trails - 91st to 93rd Street Trail | Kansas City, MO
- » 3 Trails- Hickman Mills School District | Kansas City, MO
- » 3 Trails- Marion Park | Kansas City, MO
- » 3 Trails- Avila University | Kansas City, MO
- » 3 Trails- Triangle Trail | Kansas City, MO
- » Riverfront Heritage Trail – Freedom Mall | Kansas City, MO
- » Riverfront Heritage Trail – River Bluff Park | Kansas City, MO

TEAM ON CALL EXPERIENCE

VSM ENGINEERING

- » Professional Engineering Services Metropolitan Community College 2022
- » KCMO On-Call – Stormwater 2021 On Call
- » Stormwater Projects On-Call SLBE Design Professional Services 2015-2020
- » City of Parkville - Plan Review
- » KC Public Schools On-Call - Subcontractor

From 2015 to 2020, VSM held an on-call services contract for stormwater services with the City of Kansas City, Missouri Water Services Department. Projects included the following:

- » Storm Drainage Improvements, 75th St to 76th St, Wyoming St to Terrace St Performed the hydrologic analysis and hydraulic drainage design, including construction plans, for drainage improvements. Also assisted with shop drawing review.
- » Elevation Certificate Completion for 4700 Virginia Ave and 4721 Tracy Ave Provided the correct and final elevation certificates, the latest elevation certification forms assuring accurate submittal and approval by FEMA/ISO/Reviewers and confirmed the provided elevation certification checklist was completed correctly.
- » 97th and Conant Streambank Stabilization Analyzed storm flow quantities and patterns, and designed slope stabilization measures for a large drainage creek near NW 97th Street and Conant Avenue.
- » Floodplain Permit Reviews Conducted floodplain permit reviews at 57 locations for the City.
- » Santa Fe Channel Improvements Completed a study and recommended channel improvements to the Santa Fe Channel.

SE3

- » Olsson Associates – 2016 KCMO-WSD STM On-Call
- » 73rd & Cleveland - SE3 provided engineering services as a sub-consultant to Olsson Associates through the Kansas City Water Services Department's Stormwater On-Call Engineering Services. Olsson Associates provided the survey services and SE3 provided the design services including hydrology modeling, hydraulic modeling to size the system, construction documents, estimate of probable construction cost, and construction specifications. The scope of the project was to provide flooding relief at the low point on 73rd Street due to the inadequate existing collection and conveyance system.
- » Wilson & Co_2022 KCMO On-Call LD Review
- » SE3 is providing engineering services as a sub-consultant to Wilson & Company to assist with Land Development review for the City of Kansas City.
- » Wilson & Co_2022 KCMO-WSD STM On-Call
- » CID Stop Log Gap Closure - SE3 will be providing engineering services as a sub-consultant to Wilson & Company through the Kansas City Water Services Department's Stormwater On-Call Engineering Services. This project includes the design and drawing development to permanently close two stop log gaps along the downtown CID floodwall.
- » SE3 (As Prime) - Lake Lafayette Landowners Association On-Call
- » SE3 is providing engineering services as the prime consultant for the Lake Lafayette Landowner's Association. The City of Lake Lafayette is a town located in western Lafayette County, Missouri.

EXPERIENCE

2

TRAIL EXPERIENCE

ROCK ISLAND CORRIDOR SHARED USE PATH JACKSON COUNTY, MO

VSM performed utility coordination for this 17.7-mile corridor that stretches from Arrowhead and Kauffman Stadiums south through Raytown and into Lee's Summit. Phase One of the trail is 6.5 miles long beginning in Kansas City and ending in Lee's Summit. Phase Two is under construction with an estimated completion by early 2021 and will complete the trail to the Truman Sports Complex.

VSM coordinated with more than 25 utilities and affected parties:

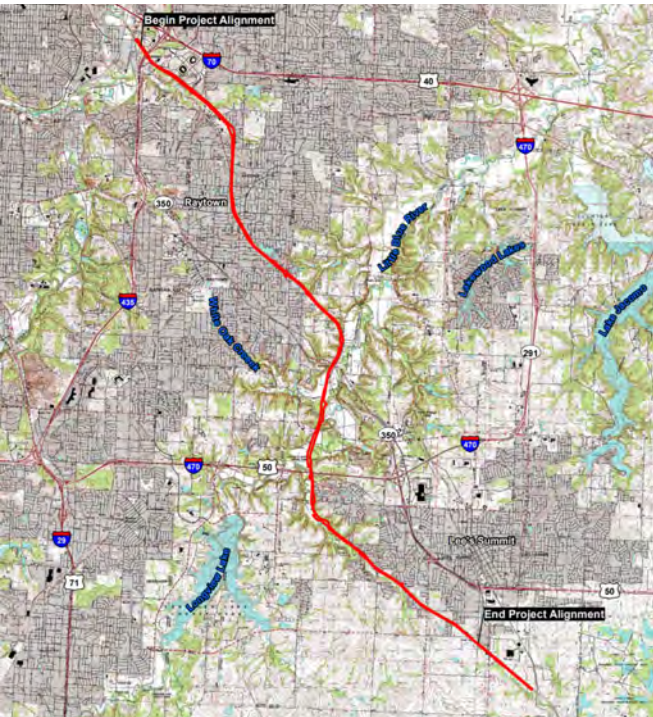
- AT&T
- Bluebird
- BP Pipelines North America
- City of Kansas City, MO Water and Sewer
- City of Kansas City, MO Traffic and Streetlights
- City of Lee's Summit Water and Sewer
- City of Lee's Summit Fiber
- Century Link
- Comcast
- Consolidated (Surewest)
- Evergy
- Fidelity Communications
- Google
- Jackson County Public Water
- Level 3 (Telecom)
- Little Blue Valley Sewer District
- MoDOT Kansas City District
- Raytown Water Company
- Raytown Public Works
- Shamrock Cabinet
- Sinclair Transportation Company
- Southern Star CGP (Williams)
- Spectrum
- Spire
- Tri County Water
- Unite Private Networks
- Verizon

Owner
Jackson County, Missouri
Rock Island Rail Corridor Authority
415 E. 12th Street Floor 4M
Kansas City, MO 64106
816-503-4847

Completion Date
2018 – VSM Services
2021 – Project

Construction Cost
\$52 million

Client
Burns & McDonnell



TRAIL EXPERIENCE

BLUE RIVER TRAIL - MARTHA TRUMAN CONNECTOR

This segment starts at Minor Park, and continues to Martha Truman Road. The 1,000 LF and 10 ft wide concrete trail runs along the east side of the Blue River. This trail provides an opportunity for the adjacent neighborhoods and citizens to access the Plaza, Kansas, and Grandview. **This project supports the Clean Air Action Plan by providing a non-motorized option parallel to Blue River Road and Holmes Road, which has no bike/pedestrian facility.**

This **project ties into a larger multi-state system (Blue River Greenway and Indian Creek Trails) which connects over 26 miles of trail**, connecting employment and residential areas, neighborhood services and amenities, keeping existing mature trees, and promoting non-motorized transportation. **Work is located in FEMA floodplain and Flood & Section 106 permitting are part of the work scope.**

Trees were surveyed along alignment to preserve the majority of the existing, mature forest in Minor Park. Invasive species will be removed and new native trees will be planted in open areas. Project will be designed to minimize impacts to specimen trees along the Blue River Greenway located in Jackson County.

Owner / Contact
KCMO Parks, Chad Hollingsworth
816.513.7518, chad.hollingsworth@kcmo.org

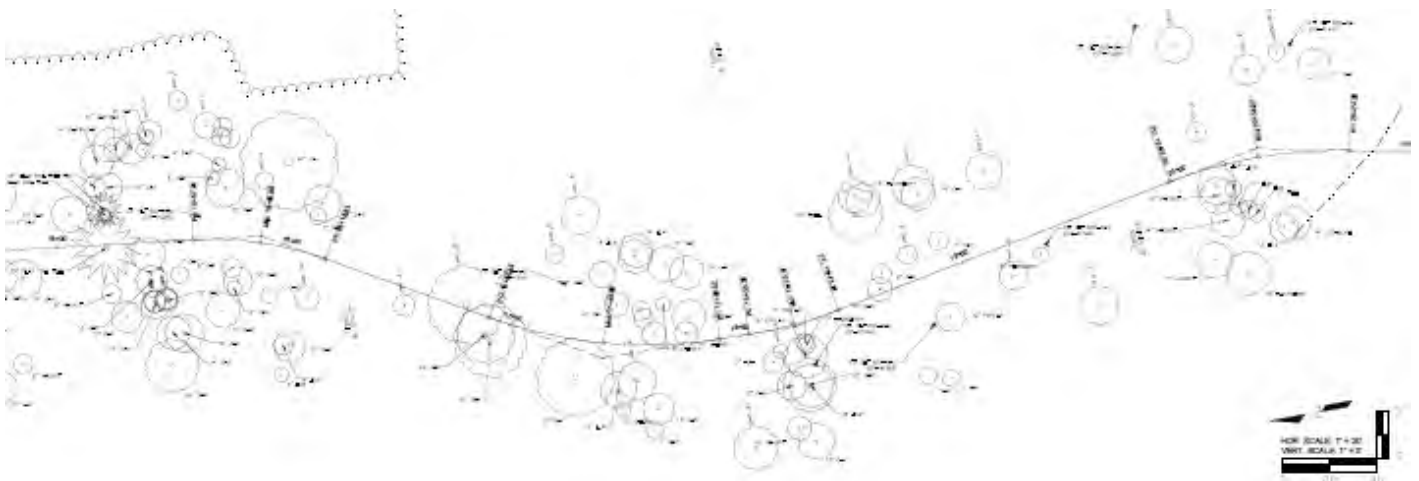
Completion Date
2022

Construction Cost
TBD



Cost-saving Solution

VSM minimized costs by reducing earth work volumes and minimizing large tree removals. The trail profile attempts to follow the natural ground as much as possible to minimize earth work but still meeting ADA criteria. We surveyed and located the large diameter trees and designed the trail around them.



TRAIL EXPERIENCE

NORTH TROOST TRAIL KANSAS CITY, MO

VSM Engineering served as the civil design engineer for 6,600 LF of trail from North Troost Avenue connecting Englewood Park to the North East Vivion Road Trail. The **10-ft-wide trail was designed to meet ADA requirements and included culverts and a pre-fabricated 40-ft pedestrian bridge.** VSM performed a hydraulic analysis to size the culverts. **Through the analysis, VSM discovered cost-saving options by discarding one bridge crossing and using a smaller culvert.** VSM also created the stormwater pollution prevention plan (SWPPP) for this project. Five entrance plazas with neighborhood sidewalk connections were included.

Coordination was required with the KCMO Parks and Recreation Department, MoDOT, and utility companies. The majority of the trail, including the pedestrian bridge has been constructed in three phases.

Owner / Contact

City of Kansas City, MO, Parks Department Richard Allen
816.513.7713, richard.allen@kcmo.org

Completion Date

2016 (design) / 2021 (construction)

Construction Cost

\$1.15 million

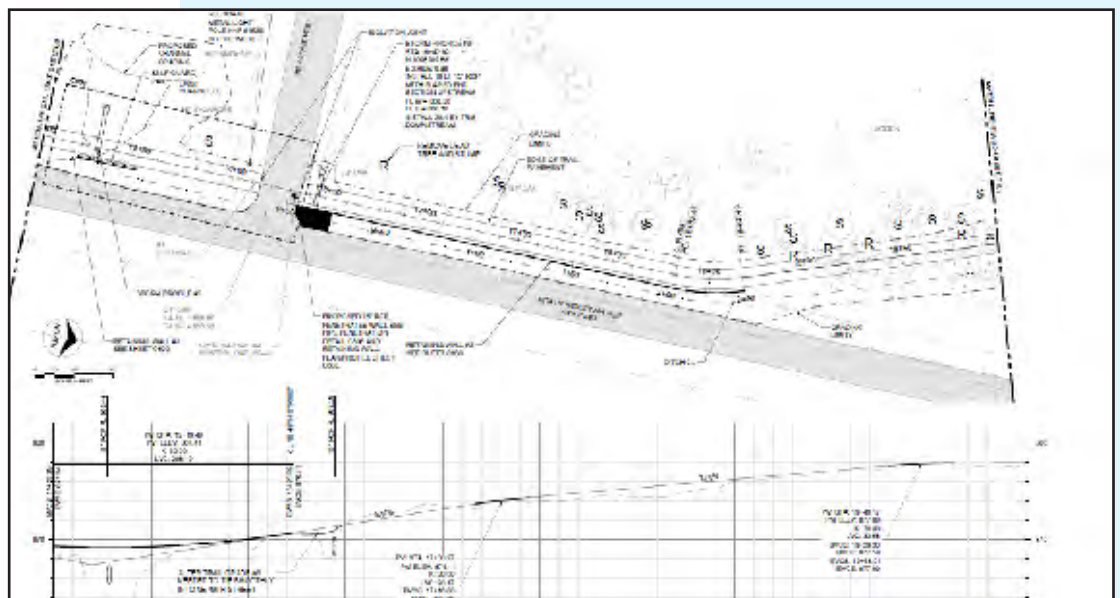


Cost-saving Solution

VSM saved significant costs by using a large culvert instead of a pedestrian bridge in this location.



Pictured right, is the selected portion of Plan & Profile of the North Troost Trail.



RETAINING WALL EXPERIENCE

WINN ROAD AND ANTIOCH ROAD IMPROVEMENTS KANSAS CITY, MO

VSM Engineering designed and developed construction plans and specifications for this two-phase intersection improvement project. Phase 1 included design and selected construction services for 1,200 LF of urban sidewalk along an old MoDOT highway. **The project added sidewalk, a retaining wall, and 840 LF of storm sewer ranging from 15-in to 30-in reinforced concrete pipe (RCP).** As part of Phase 1, two commercial driveways were redesigned to accommodate ADA requirements. **VSM found cost-saving solutions by keeping the existing MoDOT 15x10 cross culvert in place and using an existing 30-in culvert entrance.**

Phase 2 included preliminary and final design plans for roadway and intersection improvements. The design varied the typical curb and asphalt roadway section to meet floodway requirements. During the construction phase, VSM assisted the city as needed with the day-to-day inspections. VSM reviewed shop drawings, answered RFI's and recommended change orders. We also worked with the contractor on a change order to realign the storm sewer at the second commercial driveway to make it easier to construct while still maintaining the storm capacity.

Owner / Contact

City of Kansas City, MO, Public Works Mario Vasquez
816.513.4701, mario.vasquez@kcmo.org

Completion Date

2019

Construction Cost

\$320,000 – Phase 1 / \$225,000 – Phase 2



Cost-saving Solution

VSM found cost-saving solutions by keeping the existing MoDOT 15x10 cross culvert in place and using an existing 30-in culvert entrance. We also modified a section of the curb design which was located in FEMA floodway. Another solution that saved money was utilizing the existing storm facilities as much as possible. We also obtained a permit in the FEMA Regulated Floodway.

KEY PERSONNEL



Over 20 years, VSM Engineering has established great relationships with other departments across Kansas City, MO. With this experience, we can assure that Jackson County's needs will be met.

ESTABLISHED RELATIONSHIPS

PARKS & RECREATION

VSM Engineering has experience on several Parks and Recreation Department projects across the city. Over the years, VSM has designed storm sewers and a trail, obtained flood permits, prepared Stormwater Pollution Prevention Plans (SWPPP), and provided emergency creek bank stabilization services for the Parks Department. In the last five years alone, VSM has worked on six projects for the Parks and Recreation Department – three of which, VSM was the prime consultant. Our team understands your expectations.

WATER SERVICES

VSM has completed well over 30 waterline projects for the Water Department. This includes the design of more than 34,000 LF in the last five years. Our team has both the experience in developing waterline plans that meet the Water Department's requirements as well as the established relationships to facilitate project coordination efforts, as necessary.

CITY PLANNING & DEVELOPMENT

Since 2015, VSM has been part of an on-call consultant team supporting City Planning and Development with construction plan reviews for proposed development projects. This experience has given our team a unique perspective which enables us to quickly spot and correct red flags on a set of plans long before they are submitted for approval. The benefits of this proactive identification can have positive impacts the project's schedule and budget.



VSM designed a 60-space parking lot for the Liberty Church of Christ, minor storm sewer improvements, and erosion control solutions. An erosion control permit was obtained from the City of Liberty.

PARKS PROJECT EXPERIENCE WITHIN THE LAST FIVE YEARS

Project	VSM Scope	Complete
Red Bridge Road Complete Street Improvements, Blue River Rd to Montgall	Utility Coordination; Signing/Striping Plans (Sub)	2023 (est.)
Blue River Trail at Minor Park	Trail Design; Construction Plan Development (Prime)	2022
63rd Street & Zoo Drive Intersection Improvements	Utility Coordination; Signing/Striping Plans (Sub)	2021
North Troost Trail	6,600+ LF trail and pedestrian bridge design, SWPPP, bidding services (Prime)	2021
Green Infrastructure Demo Project: VA Medical Center and Avenue of Life	SWPPP Preparation (Sub)	2020
Ward Pkwy Bank Stabilization	Creek bank stabilization; 404 and flood permitting (Prime)	2019
Blue River Ped Bridge & Trail SLBE	Stormwater Design(Prime)	2019

EXPERIENCE AND QUALIFICATIONS

Our team is available immediately to begin work on this project and can mobilize staff upon receipt of the notice to proceed. All companies on our team have over five years of experience on similar types of projects.

PROJECT TEAM

VSM Engineering (DBE/WBE) brings the required expertise and resources to deliver this project on schedule. We will lead the engineering services of the project and provide project management and administration, preparation of the concept study, **civil preliminary and final design, cost estimates, utility coordination, stormwater pollution prevention plan (SWPPP) preparation and flood permitting.***Through subcontracting, we can provide surveying and 106 permitting services. We have several firms we work with.

SE3, (MBE) core management team at SE 3 collectively has over seventy years of planning, construction management, and design experience assisting clients with their infrastructure projects. They will serve on the project as **assistance to civil design and construction inspection.**

Geotechnology, will provide geotechnical testing and evaluation services. VSM and Geotechnology have experience working together on projects for the Parks Department such as the Ward Parkway/ Dyke Branch Streambank Stabilization project. Geotechnology focuses on providing the professionals and resources necessary to successfully accomplish projects and meet their client's goals. This approach allows Geotechnology to provide more flexibility to their schedule, develop cost efficiencies and better manage day-to-day processes and challenges on site. Geotechnology makes capital investments to provide responsive services. This includes a company-owned fleet of 20 exploration rigs, comprehensive USACE validated and AASHTO approved construction materials and QA/QC soils testing laboratories, and their own non-destructive testing and geophysical equipment

Vireo, LLC (WBE) is a 20-person landscape architecture, community planning and environmental planning firm that has focused on ecologically-based planning and design for over 20 years. Vireo is located in downtown Kansas City, Missouri as well as Omaha, Nebraska. Vireo knows how to integrate policy, design, and development at all levels. Their portfolio includes park and trail planning and design; environmentally sensitive site design; natural resource planning, transit supportive development planning; traditional neighborhood design; urban and streetscape design; public process management and project management. **Vireo will assist with planning and landscape architecture services.**

Parson + Associates (P+A) is a Kansas City, Missouri certified MBE, DBE and **Service-Disabled Veteran-Owned (VBE)** firm serving clients as a strategic partner, working collaboratively to provide expert external and internal communications, outreach and customer services for capital improvement projects. Through experience in the transportation and infrastructure industry, knowledge of municipal agencies and relationships throughout the Kansas City region and beyond, P+A is uniquely positioned to efficiently develop and execute communications, public relations and marketing strategies, and customer service support that creates measurable results. Parson + Associates will **provide public outreach and public engagement services.**

ORGANIZATION CHART

The following staff members will be assigned to this contract if selected.



Valerie McCaw, P.E.
Project Manager
37 yrs experience

Trail Design & Flood Permitting



Sarah Beers
P.E. QCIS,
QPSWPP
Lead Engineer
16 yrs experience

Trail Design



Matthew Combs
EI, QCIS, QPSWPP
Staff Engineer
1 yr of experience

Utility Coordination



Willa Russell
Utility Coordinator
39 yrs of
experience



Sheryl D Gallagher
P.E. D.GE
31 yrs of experience

Geotechnical



Megan Wiskur
P.E. DBIA, ENV SP
30 years of experience

Inspection & additional Civil
Design



Steve Rhodes
PLA
26 yrs of experience

Landscape Architect



Jason Parson
13 yrs of experience

Public Engagement



VALERIE MCCAW
P.E.

Civil Engineer/Project Manager



Ms. McCaw has over 20 years experience in public service and the professional services industry. She specializes in the management, design and construction management of capital projects such as roadways, storm sewers and stormwater detention facilities, park and recreation facilities, and water and sanitary sewer projects. Ms. McCaw has performed in varying capacities from lead engineer to principal designer and project manager. Ms. McCaw also has extensive experience in public meeting and presentations in multiple environments such as public meetings, council meetings, expert witness testimony, client presentations, and classroom environments.

EDUCATION

MS, Civil Engineering
BS, Civil Engineering
Oklahoma State University

REGISTRATIONS

Missouri PE #2003000018
Kansas PE #19027
Oklahoma PE #15077

CERTIFICATIONS

Diplomate Water Resources
Engineer
Envision Sustainability
Professional
Certified Floodplain Mgr,
2009

YEARS OF EXPERIENCE

37

WINN ROAD AND ANTIOCH ROAD INTERSECTION IMPROVEMENTS, PHASE 1 – SIDEWALK IMPROVEMENTS, KANSAS CITY, MO

Design and selected construction services of 1,200 LF of urban sidewalk along an old MoDOT highway. Added sidewalk, retaining wall, and 840 LF of storm sewer ranging from 15-30-in RCP.

ROCK ISLAND CORRIDOR SHARED USE PATH JACKSON COUNTY, MO

VSM, under Valerie McCaw, performed utility coordination for a 17 mile trail project with more than 25 utilities and affected parties

ROADS MASTER PLAN ENGINEER – PLATTE COUNTY, MO

Valerie served as Roads Master Plan Engineer to Platte County, Missouri in 2004-2005 and as the Interim County Engineer in 2013. Projects were received on an as-needed basis and services included development plan review and stormwater study review for over \$20 million dollars of roadway and bridge projects.

LITTLE BLUE RIVER TRAIL, KANSAS CITY, MO

VSM Engineering provided civil engineering support for trail plan and design for about 1 mile of concrete trail. Tasks included culvert design for various culvert crossings ranging from 15-in RCP to 4 cell RCB's.

CULVERT DESIGN FOR LITTLE BLUE RIVER TRAIL, AMITY TRAIL, 3-TRAILS CORRIDOR, LINE CREEK TRAIL PLAN, AND SECOND CREEK TRAIL PLAN, KANSAS CITY, MO

Provided project management and civil engineering support for trail plan and design and preliminary roadway design. Tasks included culvert design for various bridge crossings which range from 24-in RCP to 240 SF of bridge openings.



SARAH BEERS
P.E.

Senior Civil Engineer **QCIS, QPSWPP**



Sarah brings 16 years of experience in drainage, culvert, and storm sewer design projects for various municipal, residential, commercial, and highway projects. She has assisted in preparation of environmental information documents, water line extension and replacement, and hydraulic analysis. Additionally, Sarah has designed and permitted numerous large culverts and storm sewer pipe systems. Sarah is certified as a Qualified Preparer of Stormwater Pollution Prevention Plans (QPSWPPP) allowing her the ability to prepare construction Storm Water Pollution Prevention Plans (SWPPP) in compliance with the National Pollutant Discharge Elimination System (NPDES) permit program. Sarah has prepared many flood plain permits which includes application forms and computer analysis to obtain flood plain and floodway permits per FEMA regulations.

EDUCATION

MS, Civil Engineering
BS, Civil Engineering
Brigham Young University

REGISTRATIONS

Professional Engineer: MO

CERTIFICATIONS

OSHA 10-hour Construction
Training
Qualified Compliance Inspector
of Stormwater
Qualified Preparer of Stormwater
Pollution Prevention Plans

YEARS OF EXPERIENCE

16

TECHNICAL SKILLS

Proficient in HEC-RAS, HydroCAD
modeling, AutoCad Civil 3D

PEDESTRIAN TRAIL DESIGN FOR NORTH TROOST TRAIL, KC, MO

Sarah completed the design of over 6000 feet of pedestrian trail meeting ADA requirements along North Troost Ave between N.E. Vivion Road and N.E. Englewood Road, Kansas City, MO.

MARTHA TRUMAN TRAIL, KC PARKS DEPARTMENT, KANSAS CITY, MO

Sarah is completing the design of 3500 LF of concrete trail in Jackson County, MO. This work also includes a FEMA flood permit in the regulated floodplain.

BLUE RIVER PEDESTRIAN BRIDGE HYDRAULIC MODELING, KANSAS CITY, MO

Sarah completed modifications to the FEMA HEC-RAS model for the Blue River to determine the 100- year flood elevation impacts of a proposed bridge over the Blue River south of Minor Park.

LINE CREEK TRAIL BRIDGE, KANSAS CITY, MO

Sarah completed hydraulic modeling and documentation to obtain a No-Rise certification for the construction of a trail bridge over Line Creek in Kansas City, Missouri.

WINN ROAD SIDEWALK PROJECT, KANSAS CITY, MO

Sarah completed a hydrologic analysis and storm sewer design, performed hydraulic modeling for floodplain development permits, and assisted with design plans for the addition of a sidewalk on Winn Road.

SARAH BEERS, P.E. continued



KANSAS CITY PUBLIC SCHOOLS HQ PARKING LOT, KANSAS CITY, MO

Provided design of stormwater underground detention and grading for a 104-space parking lot located at 29th and Forest Avenue.

KCMO SLBE ON-CALL STORMWATER PROJECTS, CONTRACT 321, KANSAS CITY, MO

Project Engineer for stormwater on-call engineering services contract with the Kansas City Water Services Department. Between 2015 and 2020, VSM provided storm drainage improvements, flood permit reviews, and studies for channel repairs and streambank stabilization.

WAUKOMIS DRIVE COMPLETE STREETS, KANSAS CITY, MO

Sarah provided the culvert design for a large, double box culvert replacement, including construction plans for the widening of Waukomis Drive in Kansas City, Missouri.

GREEN HILLS ROAD, NW 78TH TO BARRY ROAD, KANSAS CITY, MO

Sarah was responsible for the H&H design and flood permit for a reinforced concrete box culvert bridge project for the City of Kansas City, Missouri Public Works Department.

NE 53RD STREET ROADWAY AND SIDEWALK IMPROVEMENTS, KANSAS CITY, MO

Sarah developed the Stormwater Pollution Prevention Plan (SWPPP) for roadway and sidewalk improvements on NE 53rd Street. She also performed the drainage design, including hydrologic and hydraulic analyses, and helped supervise general design for roadway improvements.

FEMA NO-RISE PERMIT - MODELING FOR BURLINGTON CREEK AND BURLINGTON CREEK TRIBUTARY 2, HWY 9 CROSSINGS, RIVERSIDE, MO

Ms. Beers completed hydraulic modeling to support No Rise applications for culvert replacements at the MoDOT Hwy 9 crossings with Burlington Creek and Burlington Creek Tributary 2, Kansas City, MO.

USACE 404 PERMITTING AND MODOT PERMITTING FOR THE MIDDLE BLUE SEWER CONSOLIDATION, KANSAS CITY, MO

Ms. Beers completed documentation and applications for permits with the USACE and MoDOT for a consolidated sanitary sewer line crossing the Blue River near US 71 and Gregory Blvd, Kansas City, MO.

FLOODPLAIN DEVELOPMENT PERMITTING FOR PROPOSED ROUNDABOUT AT HWY 1 AND PARVIN RD

Ms Beers, working for CFSE, performed hydraulic modeling and analyzed proposed improvements for impacts to the FEMA 100-year flood elevations. She completed documentation for a No Rise application and floodplain development permit for a proposed roundabout at MoDOT Hwy 1 and Parvin Rd, Kansas City, MO.



MATTHEW COMBS
E.I.

Staff Engineer **QCIS, QPSWPP**



Matthew joined VSM Engineering in May 2021. He recently obtained certification as an Engineer Intern and graduated from the University of Missouri – Kansas City with a master’s degree in civil engineering. Matt was awarded 2022 Outstanding Student Engineer. During his time with VSM, he has assisted on a variety of projects for the City of Kansas City, Missouri. Matt is certified as a Qualified Preparer of Stormwater Pollution Prevention Plans (QPSWPPP) allowing him the ability to prepare construction Storm Water Pollution Prevention Plans (SWPPP) in compliance with the National Pollutant Discharge Elimination System (NPDES) permit program. He is a credentialed Qualified Compliance Inspector of Stormwater (QCIS) which qualifies him to inspect and maintain construction sites for stormwater compliance.

EDUCATION

MS, Civil Engineering
BS, Civil Engineering
University of Missouri –
Kansas City

CERTIFICATIONS

OSHA 10-hour Construction
Training
Qualified Compliance
Inspector of Stormwater
Qualified Preparer of
Stormwater Pollution
Prevention Plans

REGISTRATIONS

Engineer Intern: MO

YEARS OF EXPERIENCE

1

TECHNICAL SKILLS

GIS, AutoCAD, Civil 3D

SIDEWALK & TRAIL IMPROVEMENTS, CITY OF LIBERTY, MO

Matthew is the lead designer for the 2600 LF of concrete sidewalk and asphalt trail improvements. One portion includes a location study to determine the most optimal location for four locations. Plans and specifications will be developed for two of the selected locations.

ARROWHEAD STADIUM STORMWATER IMPROVEMENTS TO PARKING LOT L, KANSAS CITY, MO

Developed construction plans and specifications to rebuild four stormwater area inlets at Parking Lot L located on the far southeast corner of the Truman Sports Complex. VSM's services included details for the stormwater subdrains, inlet improvements, fill, construction traffic control, striping and signage.

CITY OF PARKVILLE ON-CALL ENGINEERING SERVICES

Matthew performed Plan Review for stormwater plans and stormwater studies.

PAVEMENT REHAB, JACKSON COUNTY STADIUM COMPLEX

Matthew completed construction plans for an asphalt mill overlay for selected roads on this stadium site.

PLATTE COUNTY HEALTH DEPARTMENT, KANSAS CITY, MO

Project consisted of a major remodel to an existing 24,000 sf, existing educational building and a garage addition. A large parking lot and drive expansion on the east side of the building included elements like sidewalks, parking lots, a storm water detention pond, piping, etc. as a part of the scope. Matthew assisted with construction plan development of site design using AutoCAD Civil 3D.



WILLA RUSSELL

Lead Utility Coordinator

Willa brings 35 years of experience of experience with the City of Kansas City, Missouri Water Services Department. Her drive to complete tasks accurately combined with steady persistence makes her a valuable utility coordinator. In the last three years, Willa has provided coordination services on more than 30 municipal infrastructure and transportation projects.

Willa regularly tracks the installation progress on projects while monitoring the schedule for possible impacts. She has experience providing reports and flagging coordination concerns on projects during KCMO's monthly Utility Liaison Coordination Committee meetings. Willa has provided utility coordination on the following projects.

EDUCATION

BS, Sociology
University of Central Missouri

YEARS OF EXPERIENCE

39

TRANSPORTATION PROJECTS

- » KC Streetcar Southern Extension Design-Build, Kansas City, MO
- » N Green Hills Road Complete Streets, NW Platte Brooke Drive to NW 78th Street, Kansas City, MO
- » N Green Hills Road Complete Streets, NW 78th Street to Barry Road, Kansas City, MO
- » Line Creek Parkway and N Tiffany Springs Road Improvements, Kansas City, MO
- » Red Bridge Road Complete Streets, Holmes Road to Wornall Road, Kansas City, MO
- » Wornall Design-Build Roadway Improvements 85th to 89th, Kansas City, MO
- » Pleasant Valley Road Roadway Improvements, Kansas City, MO
- » NE 112th St and N Stark Roadway Improvements, Kansas City, MO
- » 53rd Street Roadway Improvements, Kansas City, MO
- » MO Route 1 and Parvin Road Roundabout, Kansas City, MO
- » Zoo Drive and 63rd Street Roadway Improvements, Kansas City, MO
- » Barney Allis Plaza Utility Locations, Kansas City, MO
- » City of Wellsville CIP Projects, Wellsville, KS

WATER MAIN PROJECTS

- » WMR: Northern Avenue to Lees Summit E 49th to 62nd, Kansas City, MO
- » WMR: Cherry to Prospect; E 122nd to E 130th, Kansas City, MO
- » WMR: Raytown Rd E 87th St to 470, Kansas City, MO
- » WMR: Glen Arbor Terrace to Virginia, E 110th to 117th, Kansas City, MO
- » WMR: Jackson to Manchester; Emmanuel Cleaver II to 63rd St, Kansas City, MO
- » WMR in the area of N Central St to N Chouteau Trfy, NE 37th St to NE Vivion Rd, Kansas City, MO
- » WMR: Old Armco Steel Site, Kansas City, MO

STORMWATER PROJECTS

- » 66th Street and Bennington Stormwater Improvements, Kansas City, MO
- » Ward Parkway Bank Stabilization North of 92nd Street, Kansas City, MO
- » 75th Street Stormwater Improvements, Kansas City, MO



MEGAN WISKUR
P.E.

Sr. Project Engineer DBIA, ENV SP

Megan has extensive experience in the Civil Site Design and Construction Administration fields taking projects from the planning stage through final design and construction. Her broad project management and design expertise includes grading and drainage, geometric design of entrances and parking lots, pavement marking, signage, street lighting, right-of-way and easements, phasing, traffic control, watershed analysis, stormwater detention, erosion control, and utilities. Megan is proficient in use of AutoCad Civil3D, Microstation, Geopak, Inroads, and HydroCad. She also has substantial training and experience in performing watershed studies using HEC-HMS & TR-55 hydrology analysis and HEC-RAS & HY-8 hydraulic analysis software. Megan is certified and knowledgeable in all aspects of Design-Build project delivery and has also earned certification as an Envision Sustainability Professional (ENV SP).

EDUCATION

BS Civil Engineering
University of Missouri-Kansas
City - 1994

CERTIFICATIONS

Design-Build Institute of
America (DBIA)
Envision Sustainability
Professional (ENV SP)

REGISTRATIONS

Professional Engineer: CO, KS,
MO, NE, OK, TX

YEARS OF EXPERIENCE

30+
Years with SE3: 9



SM WRIGHT FREEWAY – TEXAS DEPARTMENT OF TRANSPORTATION, DALLAS, TX

The project involved reconstruction of a major state highway to interstate standards with improvements and new interchange ramps connecting to I-35E. Total length of improvements was 7 miles. The project included walking trails and bike lanes. Megan performed design of large signage, small signage (including trail and bike signage), and pavement markings for the project.

135TH STREET IMPROVEMENTS FROM MO HWY 150 TO HOLMES ROAD, KANSAS CITY, MO

Megan served as Project Manager for conceptual through final design on this Jackson County Urban Road System (CURS) project. This one-mile-long secondary arterial street serves as the main corridor through the historic Martin City business district. The improvements included widening from 2-lanes to 3-lanes with dedicated turn lanes at intersections, addition of curb & gutters, ADA compliant sidewalks, an enclosed drainage system, decorative street lighting, streetscape improvements and new traffic signals at two intersections. Vertical alignment was revised to improve site distance to current City standards. This project also included improvements to eight side streets intersecting 135th Street and a new watermain installed along with the project.

COLBERN ROAD IMPROVEMENTS FROM MO ROUTE 7 WEST TO CYCLONE SCHOOL ROAD

Improvements to this 1.5 miles of two-lane County Road included upgrading to 3-lanes with intersection turn lanes and curb and gutter and cross-road culverts. Megan was involved with this project from planning stage, design phase, right-of-way acquisition, and construction observation. Megan acted as the County's representative for construction observation, review of material submittals, and contractor's pay applications.

CONSTRUCTION OBSERVATION FOR COLBERN ROAD IMPROVEMENTS FROM TODD GEORGE ROAD TO CYCLONE SCHOOL ROAD

The 2-mile section of 2 lane County road was upgraded to 3- lanes with intersection turn lanes, curb and gutter, and cross road culverts. Megan acted as the County's representative for construction observation, review of material submittals, and contractor's pay applications.



SHERYL D. GALLAGHER
P.E.

Principal Engineer **D.GE**

Ms. Gallagher's responsibilities as Senior Project Manager ,Drilling Manager, and Principal Engineer have included analysis of subsurface site conditions, evaluation of soil and rock properties, providing recommendations for the design of shallow and deep foundations, supervision of field and laboratory investigation programs, and providing engineering support for construction projects. Sheryl has experience in a variety of projects involving levees, dams, roadways, bridges, embankments, slope stability, and retaining walls.

Ms. Gallagher received the Professional Woman of the Year award by the National Association of Professional Women for 2011 and is past president of the Kansas City Section of the American Society of Civil Engineers (2013-2014).

EDUCATION

M.S., 2006, Civil Engineering,
University of Kansas-
Lawrence
B.S., 1983, Geological
Engineering, South Dakota
School of Mines & Technology

CERTIFICATIONS

Diplomate Geotechnical
Engineering (D.GE)
certification
OSHA 10-Hr Construction

REGISTRATIONS

Professional Engineer: AR, IA,
IL, IN, KS, MO, NE, OK, TX

YEARS OF EXPERIENCE

31

ROCK ISLAND TRAIL, JACKSON COUNTY, MISSOURI

Provided geotechnical consulting services during construction of the trail for value-engineered approaches along several segments of the trail. A soldier pile wall was replaced with a gravity wall at one location and several locations required confirmation that soil conditions would support the planned gravity wall. Global stability analyses were completed at several walls and subgrades were modified as required to achieve the desired factor of safety.

INDIAN CREEK TRAIL, KANSAS CITY, MISSOURI

Assisted the Parks Department with solutions for repair of failed slope along the new trail between Lydia Road and the Union Pacific Railroad. After repair of the failure, Geotechnology drilled borings and provided recommendations for design of a retaining wall for the walk-way under the railroad.

PEDESTRIAN BRIDGES FOR LITTLE BLUE RIVER TRAIL, KC,MO

Managed the project and provided recommendations for two new pedestrian bridges. Addressed construction methods to avoid failure for one of the embankments during construction.

BLUE RIVER CONNECTOR BRIDGE, KANSAS CITY, MISSOURI

Managed drilling and laboratory testing and provided geotechnical recommendations for the new trail bridge. Worked with the design team during construction for contractor driven drilled shaft foundation.

ENGLEWOOD PARK TRAIL, KANSAS CITY, MISSOURI

Completed a geotechnical exploration for the proposed bridges and provided foundation recommendations. Provided consulting services during construction due to variable bedrock conditions for the planned shallow foundations.

LINE CREEK TRAIL, KANSAS CITY, MISSOURI

Performed a geotechnical exploration/ global stability analyses for the planned widening at two sections along the trail.



STEVE RHODES
PLA

Landscape Architect

With years of professional experience Steve has become a recognized leader in the field of greenway, trail and park systems. Steve has served as liaison to Mid-America Regional Council for the implementation of MetroGreen the regional greenway system for the Kansas City metropolitan area. He has been instrumental in the implementation of several local greenway systems including Missouri Riverfront Trail in Platte County, Line and Second Creek Trail in Kansas City, the 3-Trails Corridor in south Kansas City and the Riverfront Heritage Trail in Kansas City. Steve was a founding member of Bike Walk KC and also serves on the Boards of the Regional Transit Alliance and Kansas City River Trails. For six years he served as a member of the Missouri Trails Advisory Board which is responsible for awarding Recreational Trail Program (RTP) grants for the State of Missouri.

EDUCATION

Bachelor of Landscape Architecture, Kansas State University, 1993
Charrette Planner Certification, National Charrette Institute, 2006
Knight Fellowship & Community Building, University of Miami, 2005-06

CERTIFICATIONS

Design-Build Institute of America (DBIA)
Envision Sustainability Professional (ENV SP)

REGISTRATIONS

RLA KS 619
RLA OK 379
RLA IA 556
RLA MO 219
RLA NE 241
RLA CO 470
Certified Bike Safety Instructor

YEARS OF EXPERIENCE

20 Years with Vireo 6 Years Prior



- » Missouri Riverfront Trail - Front Street to Chouteau Parkway | Kansas City, Missouri (MoDOT) 152 Trail - Amity to Maple Woods Parkway - 6 Phases | Kansas City, Missouri (MoDOT) National Parks Service - 3-Trails Corridor | Kansas City Metro (MARC)
- » Blue River Trail - 103rd Street to Alex George Lake | Kansas City, Missouri (MoDOT)
- » 3-Trails - 6th District Trails Study | Kansas City, Missouri MARC Bike & Pedestrian Plan | Kansas City Metro (MARC) Trails KC Plan | Kansas City, Missouri
- » Little Blue River Trail Planning - Longview to Bannister Road | Kansas City, Missouri (USACE)
- » Riverfront Heritage Trail | Kansas City, Missouri
- » Leavenworth & SW Johnson County Transit Plans | Leavenworth Co. & Johnson Co., Kansas
- » Heartland 2050 Regional Plan | Counties in Iowa and Nebraska Overland Park Safe Bicycle Use Outreach | Overland Park, Kansas Englewood Boulevard Complete Streets | Kansas City, Missouri Lawrence Multi-Modal Studies | Lawrence-Douglas County, Kansas Waukomis Drive Complete Streets | Kansas City, Missouri
- » Greater Kansas City Regional Bike Plan | Kansas City, Missouri MetroGreen - Greenway & Trail Planning | Kansas City, Missouri Harrisonville Trail Master Plan | Harrisonville, Missouri
- » Lenexa Bicycle and Pedestrian Study | Lenexa, Kansas
- » Lenexa Trails Master Plan | Lenexa, Kansas
- » Lee's Summit Greenway Trails Master Plan | Lee's Summit, Missouri
- » Missouri Riverfront Trail Master Plan | Kansas City, Missouri Searcy Creek Greenway Master Plan | Kansas City, Missouri Twin Creeks Greenway Master Plan | Kansas City, Missouri Liberty Trail Alignment Planning | Liberty, Missouri
- » Line & Second Creek Trail Master Plan | Kansas City, Missouri



JASON PARSON

President/CEO

Jason Parson, President/CEO of Parson + Associates (P+A) established the firm in 2007. Jason has led regional and national initiatives related to public safety and green-collar jobs, youth career and life-skills training as well as major transportation, capital improvement and water-quality projects. Jason has a keen understanding of governmental process and has extensive experience in successful message development and management of public campaign strategies. His company has been an integral part of some the largest and most- watched projects in Kansas City, including the construction of the Leon Mercer Jordan Public Safety Campus and Crime Lab, the KC Streetcar and the New Single Terminal at KCI. Jason recently used his knowledge and experience by serving the City as a member of the Tax Increment Financing (TIF) Commission.

Working with underprivileged youth programs, employers, educators, community groups and nonprofit organizations, Jason and P+A have developed a reputation for excellence in the implementation of critical programs in the urban core. Jason managed the Youth Community Organizer Initiative in conjunction with the American Recovery and Reinvestment Act (ARRA) to introduce youth to careers in the environment, public service, renewable energy and green collar jobs.

A veteran of Operation Iraqi Freedom, Jason served in the U.S. Air Force on behalf of his country and imbued valuable life lessons and management best practices that he utilizes daily in his roles as entrepreneur, community activist, and sponsor of youth empowerment.

EDUCATION

University of Missouri-Kansas City, B.A., Sociology

AFFILIATIONS

Board Member, Bridging the Gap
Board Member, Launch KC
Board Member, Urban Rangers
Past Board Member, AIA-KC
Member, Rotary Club of the Plaza

EXPERIENCE

- » Kc Water Green Infrastructure
- » Kci Single Terminal, City Of Kansas City, Mo. Ada Compliance, City Of Kansas City, Mo.
- » 2017 Go Bonds Initiative Campaign Kansas City, Mo.
- » East Patrol Station & Crime Lab Campus Kansas City, Mo.
- » Successful Passage Of 2014 Public Safety Sales Tax Campaign Kansas City, Mo.
- » Successful Passage Of 2009 Capital Improvements Sales Tax Campaign Kansas City, Mo.

