

PLANNING DESIGN STUDIO

SEMPO REGION TRAIL CONNECTION STUDY

December 1, 2023



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PDS in association with Lochmueller Group

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PLANNING DESIGN STUDIO

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December 1, 2023

Southeast Metropolitan Planning Organization
C/O Alex McElroy, SEMPO Executive Director
City of Cape Girardeau
44 North Lorimier Street
Cape Girardeau, MO 63701

RE: SEMPO Region Trail Connection Study

Dear Selection Committee Members,

Planning Design Studio (PDS) is pleased to submit our proposal for the SEMPO Region Trail Connection Study. Our submittal is organized to respond to the information requested in the RFP. We are very interested in working with your community on this study.

Project Team PDS will lead our team of professionals that are highly experienced in completing many trail-related studies, designs, and plans for communities throughout the region. The project team gathered for this study are comprised of the two firms listed below. Additional information on the firm and past projects are included within this document. Here is a brief description of the firms and professionals involved in the project:

- **Planning Design Studio (PDS):** A planning, urban design, and landscape architecture firm located in Maplewood, Missouri. PDS will provide project leadership/management, overall trail alignment planning and feasibility, public/stakeholder engagement, implementation cost and strategies/phasing and report preparation. The individual team members working on this project include Scott Emmelkamp, Andrew Franke, and Johnathan Corbett.
- **Lochmueller Group (LG):** A regional engineering consulting firm located in St. Louis, Missouri. LG will assist with trail alignment planning focused on traffic analysis/calming elements at on-street crossings, facilities/signals, concepts addressing drainage or grade separated crossings and any required natural/cultural environmental services. The individual team members working on this project include Kelley Davis, Cheryl L. Sharp, Laurel S. Harrington, and Kevin Neill.

Distinguishing Qualifications Each member of our team has played a key role in the overall planning, design, and implementation of many trail and greenway projects, frequently partnering with regional organizations similar to SEMPO, such as EWG, Great Rivers Greenway, and others. We prepare studies as useful tools to assist our clients and other agencies with the necessary improvement requirements to serve their communities. Some of the significant trail projects that PDS has worked on include St. Charles County Greenway Master Plan, Baltic Creek Greenway, Mississippi River Greenway, River Des Peres Greenway, and Maline Greenway.Other trail projects that both PDS and Lochmueller Group have worked on are included in this document.

Timely & Responsive Service Our team has demonstrated the ability to meet client expectations, which is proven by 80% of our work being from repeat clients; indicating their satisfaction with our record of performance. Also note that PDS manages our office-wide workload commitments by preparing a detailed monthly workload forecast with projected staffing requirements. Our most recent November forecast indicates the firm and the proposed staff have more than enough availability to complete this study.

Summary Our submittal includes an overview of PDS and Lochmueller Group, resumes of key personnel, representative project descriptions with references and a project approach. PDS is very interested and excited about the opportunity to work with SEMPO and address the needs and priorities of the Cape Girardeau community. I will be your key contact for this project, please call me directly (at 314.328.5239) if you have any questions or need any additional information. You may also reach me at: scotte@planningdesignstudio.com. We look forward to hearing back from you

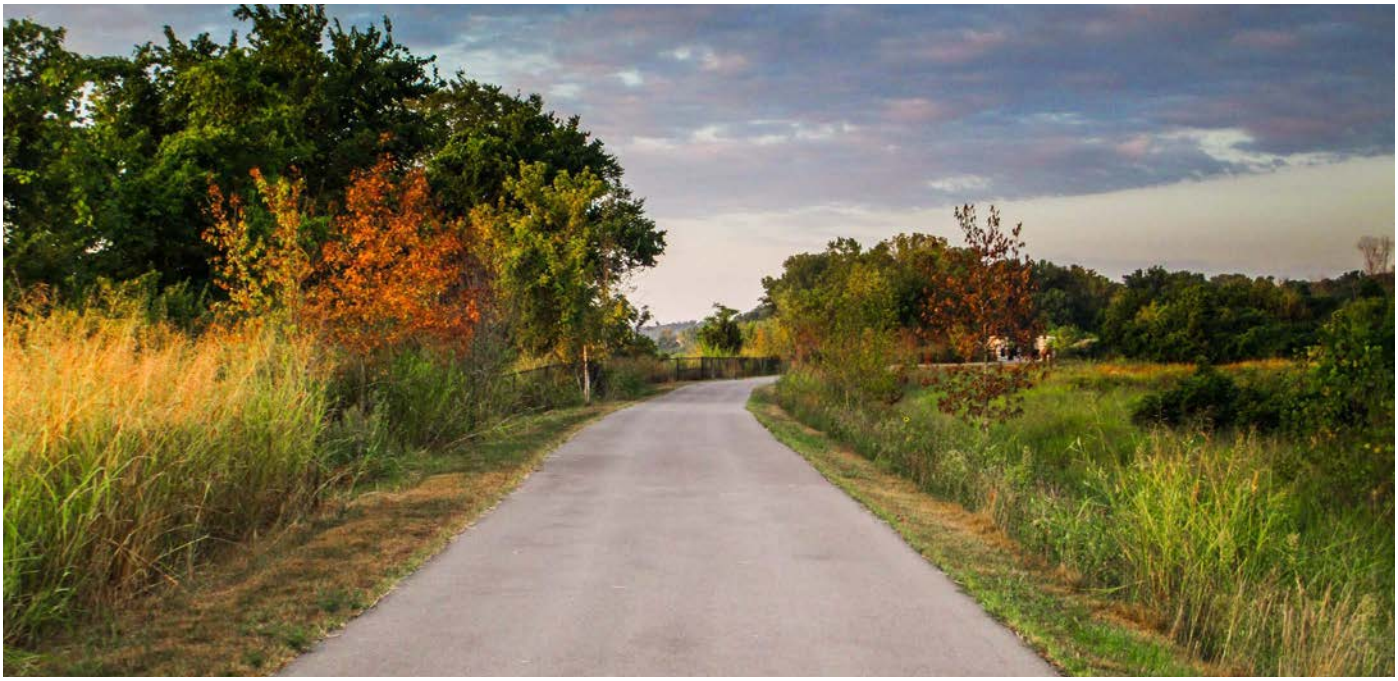
Sincerely,
Planning Design Studio



Scott Emmelkamp, PLA, ASLA, LEED AP
Project Manager

PROJECT UNDERSTANDING

Planning Design Studio & Lochmueller Group



Planning Design Studio has put together a project team with excellent qualifications and directly related project experience plus an approach to the scope of work you outlined in the RFP. We've carefully assembled this team based on our understanding of the project requirements and the SEMPO community. While our project approach is very process oriented, it has been refined and distilled to reflect what we understand to be key aspects identified in your scope and our prior work within your community. The PDS team will work with SEMPO to further refine and tailor the approach/scope to meet your goals and expectations. To that end, the materials included within our proposal are based on our current understanding of the project that includes:

- **Project Goals:** SEMPO's goal is to enhance the connectivity and accessibility of the community's trail network to promote active lifestyles, environmental stewardship, and economic development. There is a growing community interest to focus specifically on trail infrastructure that will connect the two urbanized areas and community destinations. This Trail Connection Study will complete a comprehensive analysis to determine the most feasible and preferred trail connections and alignments linking residents/visitors and the two community trail systems to desired destinations. The process will include refining the trail connection vision, establishing measurable objectives, and developing action-based implementation strategies and recommendations that can be carried forward in future detail planning, design and development.
- **Community Understanding:** The PDS planning team begins with a strong understanding of the SEMPO Project Area. To successfully

complete this study will require knowing as much as we can about the study area. While we have more to learn, our planning team will start with a background and working knowledge of the SEMPO community from past project assignments. The 2018 Regional Bicycle & Pedestrian Plan completed for SEMPO by Lochmueller Group (LG is a Planning Team member) established a framework for non-motorized infrastructure across the entire SEMPO Region and will be a starting point for this study. LG has also completed other transportation planning assignments in the region providing a thorough understanding of SEMPO's operations and Public Participation Plan procedures. PDS has completed over a dozen assignments for the City of Cape Girardeau Parks Department (including the Cape La Croix Trail Master Plan) over the last ten years providing an understanding of the community parks, recreation facilities and event spaces. This experience provides our team with the background needed to hit the ground running right when we meet with the SEMPO and the Steering Committee to identify and confirm those key destinations, resources and routing opportunities.

- **Multi-Jurisdictional:** Our planning team understands that long corridor projects require working not only with the client, but also the multi-jurisdictional stakeholders within the community and along the potential routes to be reviewed and analyzed. We understand that will include working within the policies and requirements of multiple government entities, land ownerships, local/state rights-of-way, utility easement crossings, community institutions/entities and user stakeholder groups. Almost all of the trail and greenway planning and design projects we have completed included working with these same types of groups ranging from municipal governments, neighborhood groups/associations, business districts, university/ corporate campus' to MoDOT, underground/overhead utilities to and levee districts. We understand the importance of building a consensus of support that requires an understanding that each of these entities has a process and requirements they must follow. Our background on related trail projects plus our work on other local projects provides our team with the ability to successfully complete this project.

- **Public & Stakeholder Engagement:** Our planning team has significant public engagement experience both in completing directly related trail planning studies, but also in working with SEMPO's Public Participation Plan. We understand that process begins at the very beginning of the project with an engagement plan that identifies key types and specific participants, preferred communication channels and maintenance of contact data base. Outreach materials need to be identified that can include project fact sheet, newsletter input, website content, and social media pushes. Anticipated meeting and open house schedules need to be identified early. The need for any special focus activities for key stakeholders should be identified and scheduled into the process. All of this should strive to communicate and solicit input from stakeholders and the public starting early and continuing throughout to build a consensus on recommendations of the study.



PROJECT TEAM & QUALIFICATIONS

SECTION 1

FIRM DESCRIPTION

Planning Design Studio & Lochmueller Group



Planning Design Studio (PDS) PDS is an employee-owned firm founded in 2006 (17 years in business) offering planning, urban design and landscape architectural services to public and private clients from our office in Saint Louis. Staff and the firm are licensed by the state to complete the design of all park features and we maintain the required business/professional insurances.

PDS staff adhere to the planning design principle that successful projects require a well-organized process that includes sound technical expertise, creativity and client/user input. Our team is a cohesive group of enthusiastic and principled landscape architects that seamlessly blend aesthetics with sustainability in our creative yet practical design solutions. We have been applying "Green" design principles since before they were popular; half of our employees are LEED certified. All have degrees in landscape architecture, six are licensed Professional Landscape Architects and all stand by our professional ethics of conservation, stewardship to the land, and enhancement of the interface between people and nature.

The PDS team has extensive experience in the planning and design of directly related public realm projects that illustrates our ability to incorporate functional design, aesthetics, sustainable practice and "Place Making" skills in the development of unique and memorable spaces. Finally, our group is very passionate about parks and making them a source of community pride.

PDS Professional Services

- Multi-Disciplinary Team Leadership
- Project Management
- Community Recreation Plans
- Site, Park & Corridor Master Planning
- Site Planning & Design
- Construction Detailing
- Landscape Design
- Specification Writing
- Cost Estimating & Implementation Phasing
- Contract & Construction Documentation
- Construction Period Services
- CADD & GIS Services
- Drone Aerial Photography, Mapping & Analysis
- Graphic Design

Project Experience PDS has been fortunate to work with many local governments, districts and other public agencies for many years providing our team with extensive experience, background and community understanding of trail and greenway type projects. Since 2006 when PDS opened, we have provided directly related planning and design services which has accounted for over 60 percent of our projects or nearly 300 projects. This provides PDS with the skills, understanding and proven expertise required to successfully lead planning and design projects for the development of parks, greenways, and trails. Several project descriptions are provided herein and we also have listed others in the experience matrix below.

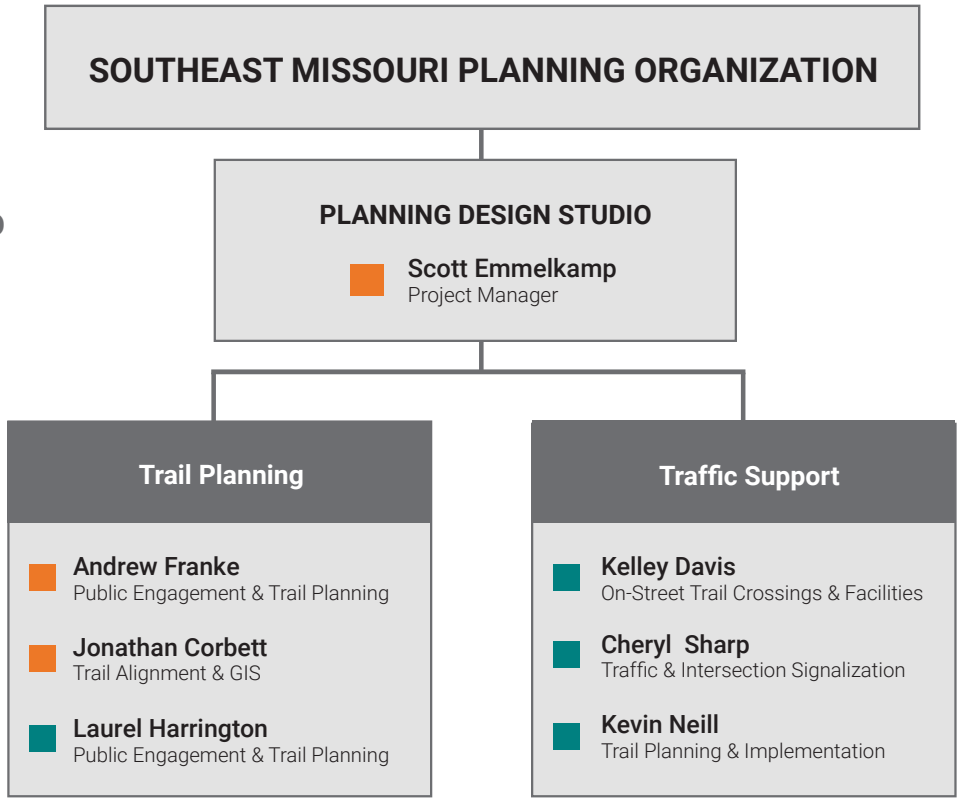
PLANNING DESIGN STUDIO

Greenway & Trail Planning & Design Experience Matrix

	Master Planning	Site Design & Construction Docs	Construction Administration	Park & Recreation Facility Design	Streetscape/Transportation Enhancement	Shelters & Pavilions	Comfort Stations / Concessions	Greenways, Trails & Walkways	Pedestrian Spaces / Site Furnishings	Grading & Drainage Plans	Stormwater & WQ BMP's	Landscape +/or Native Plantings	Park Drives / Parking	Pedestrian Bridge, Boardwalk or Tunnel	Water Feature / Fountain	Site Lighting	Wayfinging & Signing	Sustainable Design
Baltic Creek Greenway, St. Charles County, MO	■				■			■	■	■		■	■	■		■		■
Bluebird Meadow Park Trails, Dardenne Prairie, MO		■	■	■			■	■	■	■	■	■	■			■	■	■
Brentwood Bound /Deer Creek Trails, MO	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■	■
Bridge West & Landmarks Crossing, Alton, IL	■	■	■		■			■	■			■		■		■	■	
Cape La Croix Trail, Cape Girardeau, MO	■			■	■	■		■						■			■	
Chain of Rocks Bridge Trailhead, St Louis, MO	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■
Deer Creek Greenway Connector, Brentwood, MO	■	■	■	■	■			■	■	■	■	■	■		■	■	■	■
East West Gateway Great Streets Projects	■				■			■	■			■	■			■	■	■
Forest Park Duel Path Amenities Plan, St Louis, MO	■	■		■	■	■		■	■			■		■		■	■	■
Parks & Trails Master Plan, Glen Carbon, IL	■			■	■			■	■			■	■	■			■	
Maline Greenway, St. Louis, MO	■	■	■	■	■			■	■	■	■	■	■	■			■	■
Market Place Streetscape, Fairview Heights, IL	■	■	■		■	■		■	■			■				■	■	■
Matson Hill Trail Alignment Study, St Charles, MO	■	■		■	■	■		■	■	■	■	■	■				■	■
Millenium Park & Trail, Creve Coeur, MO	■	■	■	■		■	■	■	■	■	■	■	■				■	■
Mississippi River Greenway, Saint Louis, MO	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■
MR Greenway Sullivan Blvd Security, St Louis, MO	■	■			■			■	■	■	■	■	■				■	■
MO Botanical Garden Streetscape, St Louis, MO	■	■	■		■			■	■	■	■	■				■	■	■
River des Peres Greenway, Saint Louis, Mo	■	■	■	■	■			■	■	■	■	■	■	■		■	■	■
Rogers Parkway, Brentwood, MO	■			■	■	■		■	■			■	■					■
Tower Grove Park Historic Trail, St. Louis, MO	■	■	■	■				■	■	■		■						■
Washington U. Forsyth Underpass, Clayton, MO	■	■	■		■			■	■	■	■	■		■		■	■	■

PLANNING DESIGN STUDIO

LOCHMUELLER GROUP



Lochmueller Group Founded in 1980, Lochmueller has grown from a small, southern Indiana planning firm to a regional engineering consultant firm with 13 offices and over 350 employees in four Midwestern states: Indiana, Illinois, Kentucky, and Missouri. We are proud to offer a comprehensive range of services and be a single source for our clients' planning and engineering needs. We utilize our creativity and decades of successful project delivery to help all our clients reinvent their futures.

Over the years, Lochmueller has received many awards and recognitions for our work, including being named one of the Top 500 Firms (voted No. 404 in 2023) by the Engineering News Report (ENR). With a commitment to excellence and a dedication to our clients, Lochmueller has established itself as a leading engineering firm in the industry.

Our project approach is centered around understanding your overall goals rather than treating each assignment as separate and disconnected. We prioritize building personalized relationships with our clients across all our service lines, and we bring a personal touch and individualized attention to ensure that every job is done right the first time. What drives us today is still what the Lochmueller founders envisioned over 40 years ago— helping you imagine and create plans and projects that optimize resources, realize your potential, and create a bright and prosperous future.

SAINT CHARLES COUNTY GREENWAY MASTER PLAN

Saint Charles County, MO | Planning Design Studio



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Public Engagement

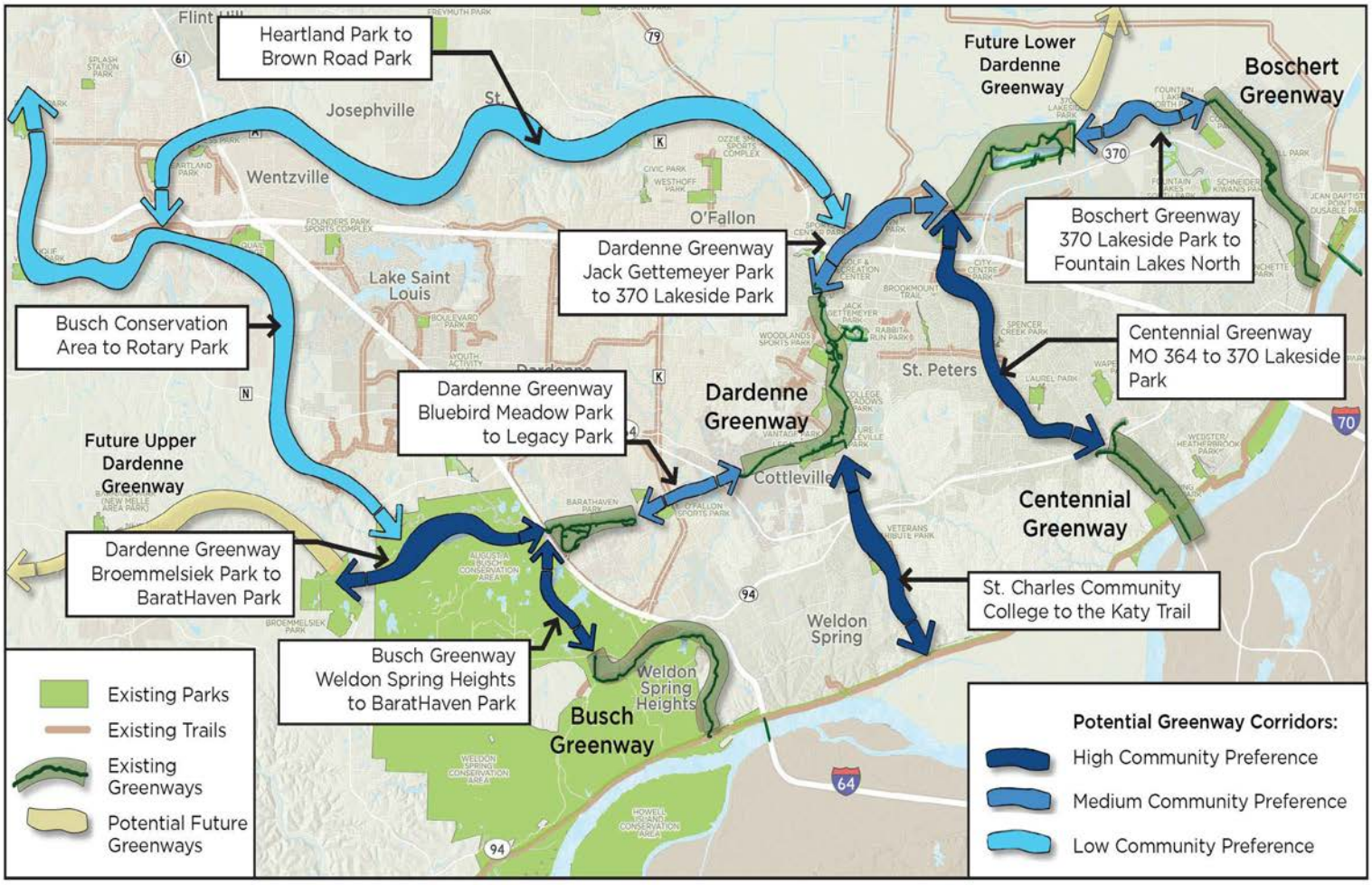
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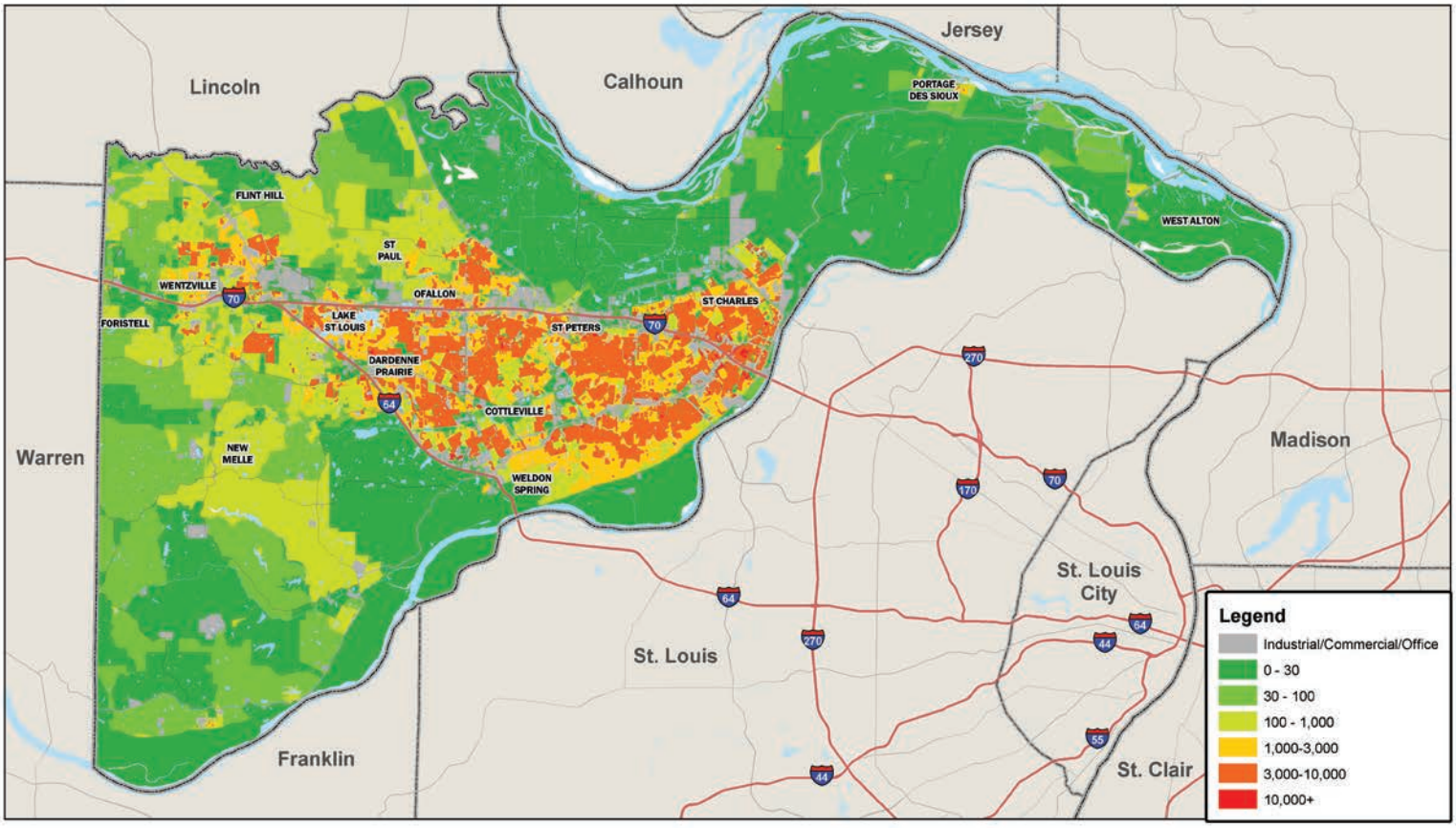
Mark Vogl, Sr. Project Manager, Planning
mvogl@grgstl.org
314-932-4912

Planning Design Studio worked with Great Rivers Greenway (GRG) and Saint Charles County Parks to develop a Greenway Master Plan for the 593 square miles of Saint Charles County. The planning team worked closely with representatives from Saint Charles County municipalities and other stakeholders to strategize potential greenway routes that will benefit everyone and to establish priorities for development.

Input from Saint Charles County residents was an essential component of the planning process. The planning team gathered feedback at numerous events throughout Saint Charles County and through an online survey that received over 1,000 responses. The input collected helped to determine what destinations and greenways are most important to county residents. Greenway alignments that had previously been proposed by municipalities or other organizations were also considered and incorporated into the plan. The year-long planning effort included alignment evaluation, phasing recommendations and development priorities for the proposed greenway networks. This project is part of the overall mission of GRG to make the Saint Louis region a more vibrant place to live, work and play through establishing a network of greenways.

This project was delivered as a full-color graphic report summarizing the results of the planning process and public input and describing the nine greenway concepts that emerged from the plan. This project was completed on time and within budget in 2020.


Heartland Park to Brown Road Park
Busch Conservation Area to Rotary Park
Dardenne Greenway Jack Gettemeyer Park to 370 Lakeside Park
Dardenne Greenway Bluebird Meadow Park to Legacy Park
Dardenne Greenway Broemmelsiek Park to BaratHaven Park
Busch Greenway Weldon Spring Heights to BaratHaven Park
Future Lower Dardenne Greenway
Boschert Greenway
Boschert Greenway 370 Lakeside Park to Fountain Lakes North
Centennial Greenway MO 364 to 370 Lakeside Park
St. Charles Community College to the Katy Trail
Future Upper Dardenne Greenway
Dardenne Greenway
Centennial Greenway
Busch Greenway
Josephville
Wentzville
O'Fallon
Lake Saint Louis
St. Peters
Cottleville
Weldon Spring
Weldon Spring Heights
Existing Parks
Existing Trails
Existing Greenways
Potential Future Greenways
Potential Greenway Corridors:
High Community Preference
Medium Community Preference
Low Community Preference


Lincoln
Calhoun
Jersey
Warren
Madison
Franklin
St. Louis
St. Louis City
St. Clair
FLINT HILL
ST PAUL
WENTZVILLE
O'FALLON
ST CHARLES
FORISTELL
LAKE ST LOUIS
ST PETERS
DARDENNE PRAIRIE
COTTLEVILLE
NEW MELLE
WELDON SPRING
PORTAGE DES SIOUX
WEST ALTON
Legend
Industrial/Commercial/Office
0 - 30
30 - 100
100 - 1,000
1,000-3,000
3,000-10,000
10,000+

BALTIC CREEK GREENWAY MASTER PLAN

Saint Charles County, MO | Planning Design Studio



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Public Engagement

REFERENCE

Mark Vogl
Project Manager,
Great Rivers Greenway
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mvogl@grgstl.org

Planning Design Studio is working with Great Rivers Greenway (GRG), project partners and local residents to identify alignment opportunities for a greenway that connects the Katy Trail to the Dardenne Greenway in St. Charles County, Missouri. A more detailed study of this potential greenway corridor was identified as a top priority in the 2020 St. Charles County Greenway Master Plan.

The planning team led by PDS established an eight square mile study area and gathered information on existing conditions in the corridor. Greenway alignments were developed and evaluated with a matrix that measures the options relative to the goals established for the project. Feedback from the stakeholders was gained through public meetings, committee groups, project partners and multiple on-line surveys.

This project will include a full-color graphic report summarizing the results of the planning process and public input as a deliverable.




TOWERS RD
REMOVE TRAFFIC LANE
LIBRARY
KISKER RD
VETERANS TRIBUTE PARK
HAWK CROSSWALK


MID-BLOCK CROSSING
KISKER RD
MULTIPLE DRIVEWAY IMPACTS
HOMES CLOSE TO RIGHT-OF-WAY
TOWERS RD
HIDDEN SPRINGS DR
GERALD DR

BRENTWOOD BOUND DEER CREEK GREENWAY CONNECTOR

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Site Analysis
Master Planning
Site Design
Plan & Sketch Illustrations
Public Engagement

REFERENCE

Eric Gruenenfelder
Director of Parks and Recreation
314.963.8681
egruenenfelder@brentwoodmo.org

Planning Design Studio assisted Great Rivers Greenway (GRG) in completing an Alignment Feasibility Study to evaluate alternatives for a greenway connecting the communities of Brentwood and Webster Groves. A key component of the study was understanding the cost implications of the options identified.

This key greenway connection will improve access to the River Ring greenway network, allowing an additional 8,000 people in Brentwood walk or bike to the system from their homes. The connection establishes connectivity to numerous residential areas, the Manchester Road Business corridor, the Promenade shopping area, the Hanley Industrial Park and the Lee Wynn trail system which connects many of Brentwood's existing parks.

Additionally, this study evaluated the feasibility of a grade-separated pedestrian walkway over Manchester Road and its associated financial impact, along with evaluating additional options for providing a safe and efficient bike and pedestrian crossing at the intersection of Manchester Road and the Rogers Parkway greenwayhave.






Rogers Parkway

NORTH RIVERFRONT TRAIL & CHAIN OF ROCKS BRIDGE TRAILHEAD

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Great Rivers Greenway

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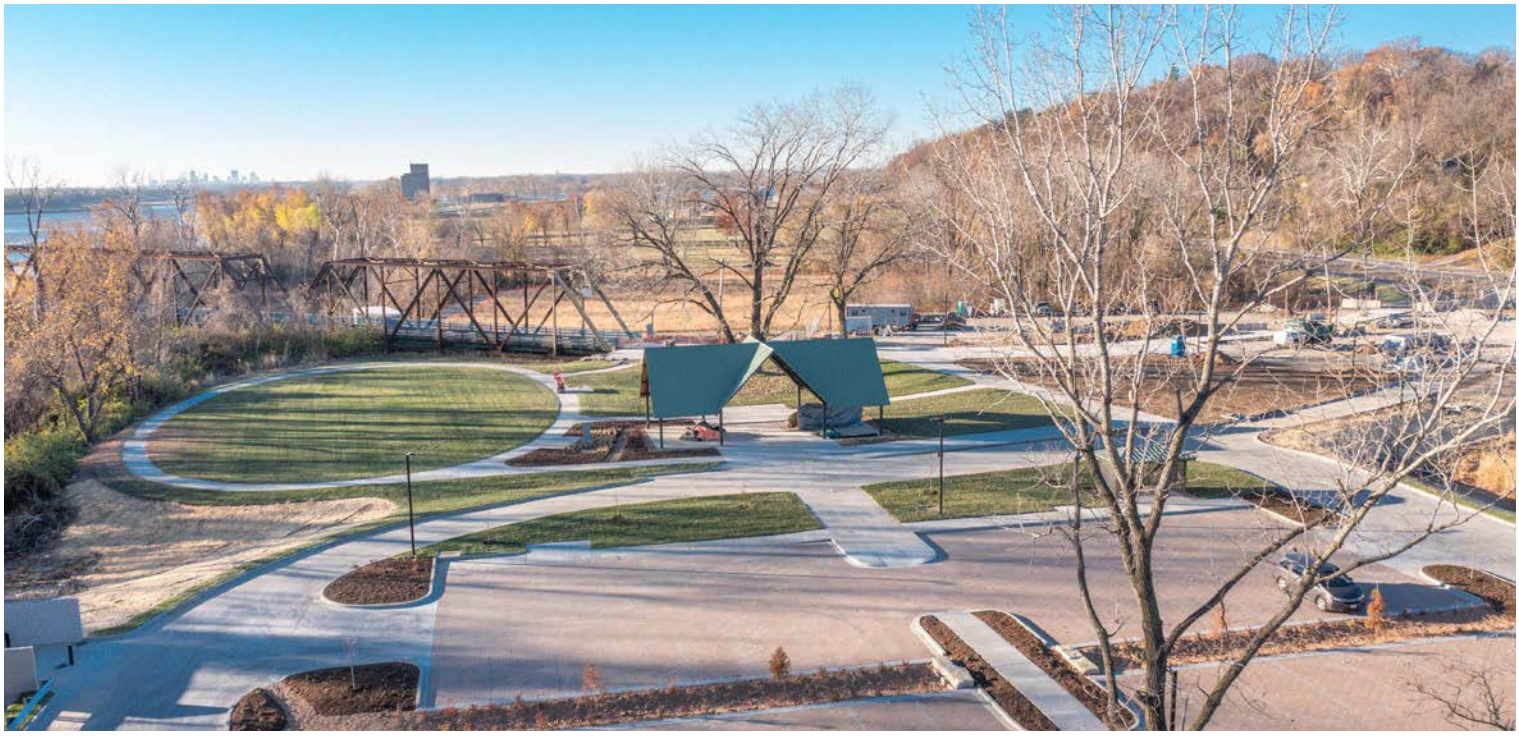
Concept Design
Master Planning
Plan Rendering
Site Design
Construction Documents

REFERENCE

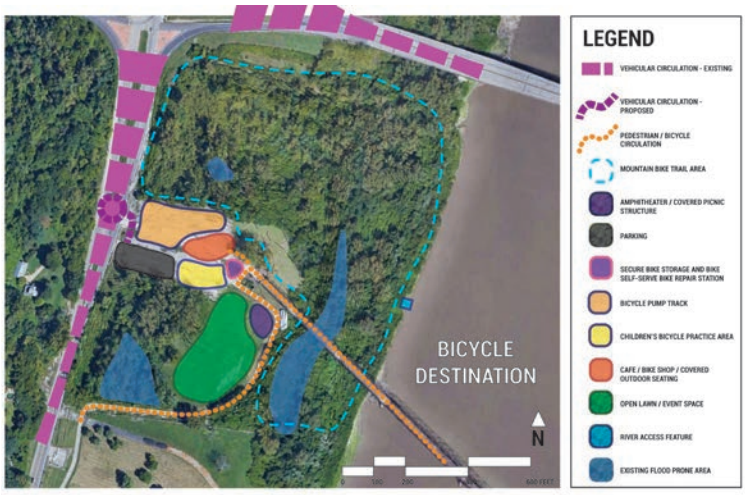
Lonny Boring, Sr. Project Manager
lboring@grgstl.org

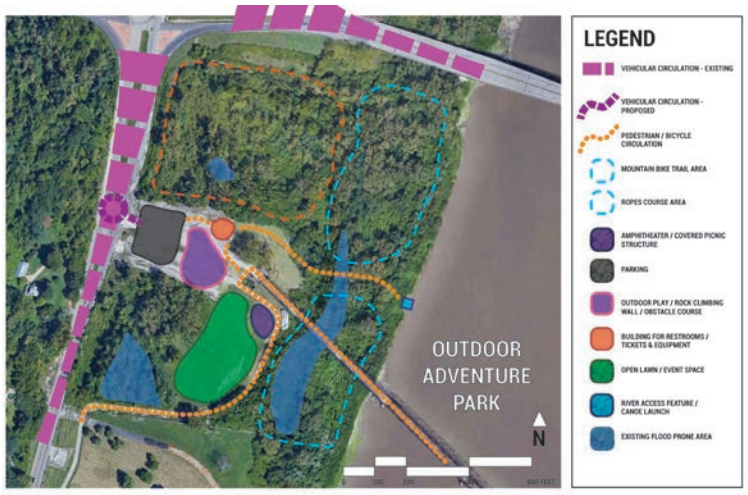
Planning Design Studio worked with Great Rivers Greenway (GRG) to evaluate redevelopment scenarios for the Missouri landing of the historic Chain of Rocks Bridge on the Mississippi River. The Chain of Rocks Bridge was part of the original Route 66 and is on the National Historic Register. It was closed to vehicular traffic in 1970, then after years of neglect, the bridge was renovated for pedestrian/bicycle use in 1998. However, little was done to the 21-acre site at the west end of the bridge. GRG acquired the site, which had been closed to visitors due to safety and security issues. The redevelopment goal is to activate utilization of the site by both the local community and Route 66 visitors.

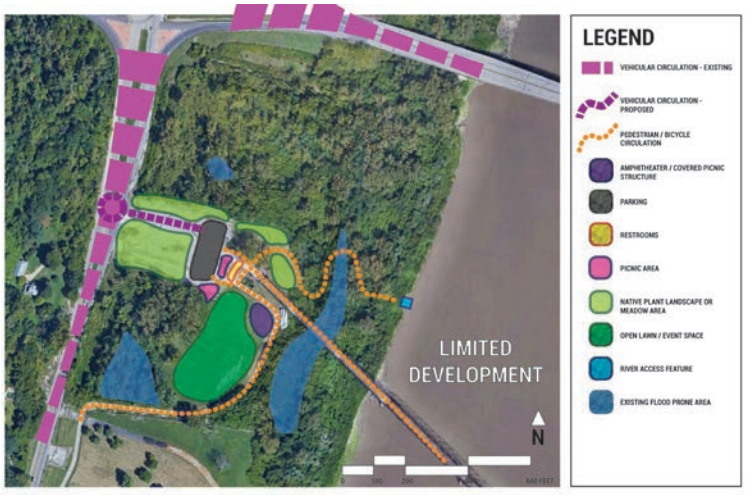
The redevelopment scenarios PDS created address trail development and bringing public, institutional and private partners into the project. An option was selected that combined features of several scenarios. Phase 1 begins with a baseline level of facility development, leaving the opportunity for partner development to be added latter. PDS completed the design development and construction documents for the first phase, which includes an entry drive, parking, event lawn, pedestrian walks (accessing the bridge), nature trails, vendor/food truck area, site security (low visual impact fencing, gates and security cameras), landscape development and stormwater management. The site planning and facility development has an architectural style compatible with the site's original historic facilities.

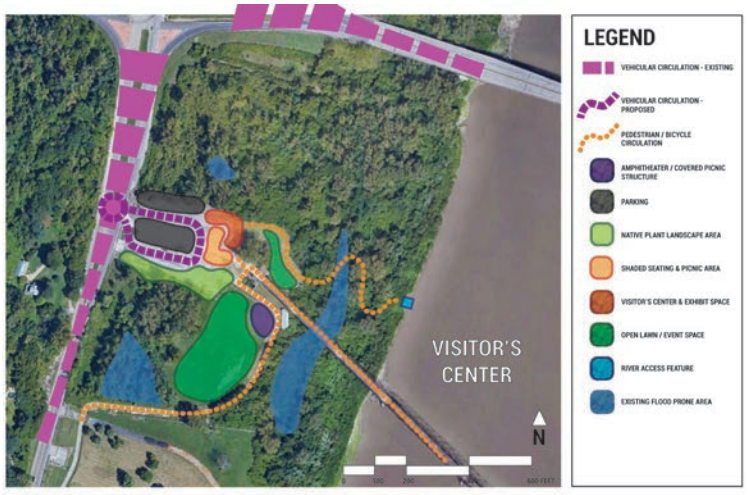


Conceptual Redevelopment Scenarios









RIVER DES PERES GREENWAY

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Master Planning
Alignment Studies
Site Design
Project Management
Construction Documents
Construction Period Services

REFERENCE

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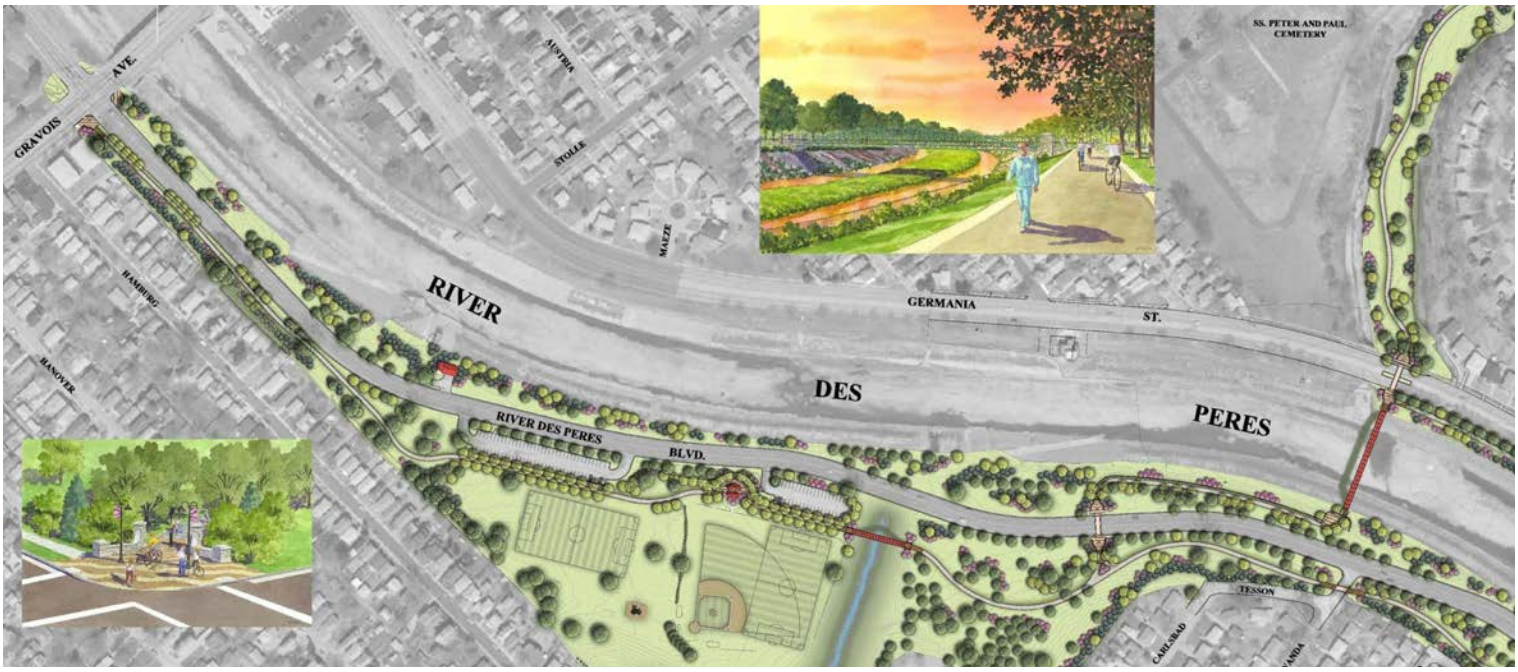
This 11-mile project, extending from Forest Park to the Mississippi River along the River des Peres, was the Great Rivers Greenway District's pilot greenway project. The planning process evolved from a small beautification plan into a visionary transformation that turns this generic corridor into a valuable community resource.

As a pilot project, it established the design criteria for all of GRG's future projects. The corridor stretched across two interstate highways, railroads, and the River des Peres channel itself. The corridor was designed to serve community members by including picturesque pedestrian bridges and resting plazas for their leisure. Intersection improvements were made by revising pavement markings and crosswalk striping to ensure pedestrian safety.

The master plan improved regional sustainability by implementing environmental restoration for the channelized river, which collects rainwater from 115 square miles of the St. Louis metropolitan area. PDS thoughtfully designed a retaining wall to divert stormwater that could potentially harm areas of the greenway.

PDS coordinated with stakeholders such as MSD, Corp of Engineers, MoDNR, Union Pacific, and St. Louis City and County on the River des Peres Greenway.

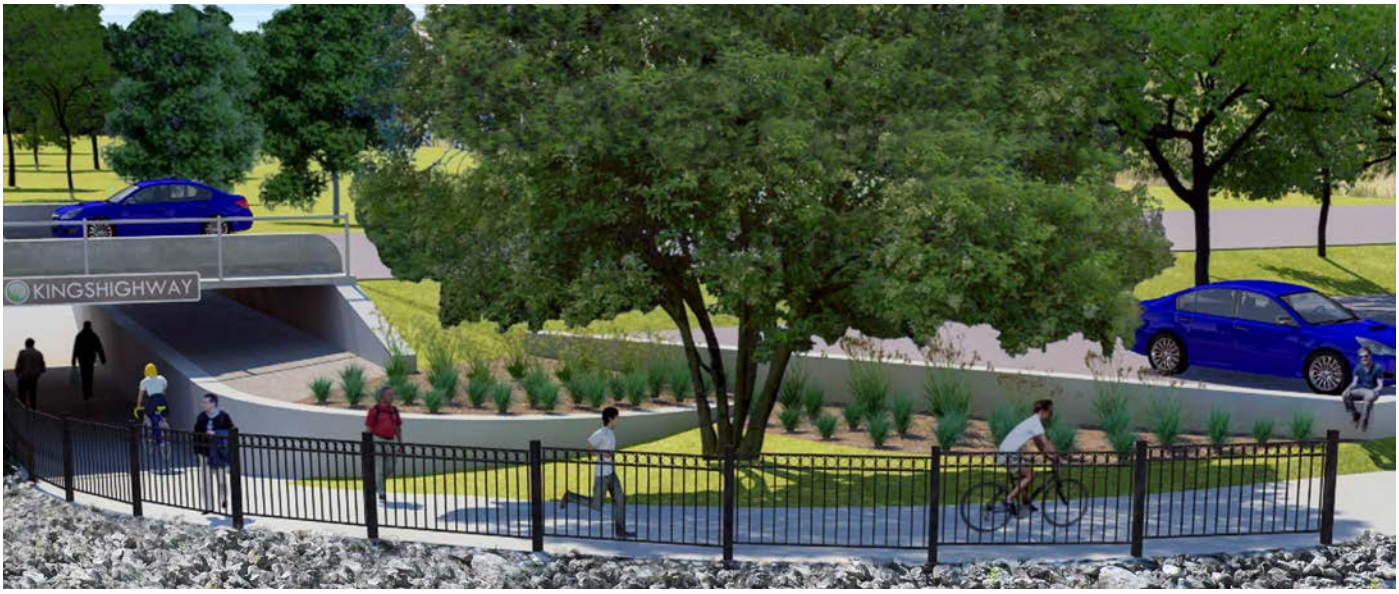



GRAVOIS
AVE.
AUSTRIA
STOLLE
MAEZE
HAMBURG
HANOVER
RIVER
DES
PERES
GERMANIA
ST.
SS. PETER AND PAUL
CEMETERY
RIVER DES PERES
BLVD.
TESSON
CARLSBAD



CAPE LA CROIX TRAIL

Cape Girardeau, MO | Planning Design Studio



CLIENT

City of Cape Girardeau

SERVICES

Master Planning
Site Design
Public Engagement

REFERENCE

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The six mile corridor of the Cape La Croix Trail links three city parks, two state parks, three recreation facilities, two sport complexes, an aquatic center and a nature center. The trail connects recreational nodes and multiple land uses, and serves as an alternative transportation and commuting route.

Planning Design Studio prepared a master plan road map for future improvements and expansion of the trail. The planning process included detailed site inventory and analysis of the trail corridor and user input solicited through a series of stakeholder interviews. PDS completed a trail count to inventory the number of trail users and activities at various nodes along the corridor. Graphic analysis maps were created to describe trail attributes and deficiencies.

The master plan proposed improvements along the corridor to enhance the safety, function, and aesthetics of the trail. The improvements include child play nodes, a fitness loop, new comfort stations, improved trailheads and trail wayfinding signs. Implementation of the plan was funded by a Recreation Stormwater Initiative tax.



MALINE GREENWAY

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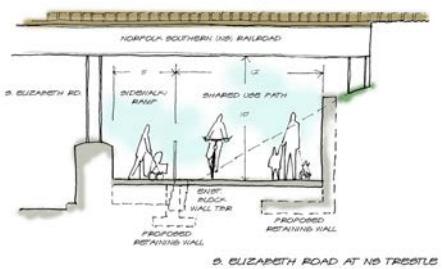
Master Planning
Plan & Sketch Illustrations
Grant Support

REFERENCES

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314.932.4903
tantoine@grgstl.org

Planning Design Studio has been involved in several projects along the 8-mile Maline Greenway corridor from trail alignment studies to construction documents and construction period services. Using the Maline Greenway Concept Plan as a starting point, several detailed alignment studies of sections of the Maline Greenway in Ferguson and Bellefontaine Neighbors was completed. The Ferguson alignment study included a one-mile 10' wide trail that connected the northern end of the Ted Jones Trail to Forestwood Park. Trail alignments were planned with specific solutions to existing site constraints and bridge, street and railroad crossings. Coordination with multiple agencies and Norfolk Southern Railroad was required.

Planning Design Studio assisted M3 Engineering Group (Prime consultant) with an alignment study and construction documents for a 1.5-mile section of the Maline Greenway in Bella Fontaine County Park. The project included determining alternatives for crossing Lewis & Clark Boulevard and replacement of three deteriorated pedestrian bridges. PDS developed alignment and placemaking concepts and designed native landscape plantings along the trail corridor. Placemaking features included decorative columns located on both sides of the new pedestrian bridges and nodes with special pavement and benches along the trail.



S. ELIZABETH ROAD AT NS TRESTLE



ON-CALL TRANSPORTATION PLANNING SERVICES

Southeast Metropolitan Planning Organization (SEMPO) | Lochmueller Group

This SEMPO On-Call Project includes three work orders that involved a Regional Bike & Pedestrian Plan and ADA Transition Framework Plans.

Regional Bike & Pedestrian Plan

Lochmueller worked closely with the Study Oversight Team, comprising SEMPO staff and members of the Technical Advisory Committee, to produce a comprehensive assessment that serves as a valuable tool for future transportation planning. The plan analyzed the regional trail, on-street bicycle, and pedestrian networks to connect local and regional attractions, and find routes that would be accessible for all ages, abilities, and incomes.

In addition to measuring accessibility to these networks, pedestrian level of service (PLOS) and Bicycle Level of Traffic Stress (BLTS) were calculated to determine existing deficiencies and to determine where employee and residential populations were underserved. These calculations, along with public input, informed the various routes connecting the Cape Girardeau-Jackson region and associated implementation priorities. Non-infrastructure programs and overarching policy recommendations were provided to assist in community planning decisions, so the promotion of multimodal design becomes proactive instead of an afterthought.

ADA Transition Framework Plans

The two ADA plans included a plan for the City of Cape Girardeau and for the City of Jackson. These ADA Framework Plans address the features listed above by inventorying all sidewalks in the PROW along County and Municipal roads and assessing such sidewalks to determine their compliance with ADA standards. A planning level cost estimate is provided for the features deemed non-compliant. These Framework Plans serve as a foundation for Cape Girardeau and Jackson as they move forward in completing their ADA Transition Plan. ADA non-compliance was recorded as a point feature within the study area. A total of 10,533 data points were collected in Cape Girardeau, MO and a total of 2,259 data points were collected in Jackson, MO. The value only represents the total data points surveyed. Field staff were not required to record compliant features. Of the 10,533 data points surveyed, 10,489 data points were non-compliant in Cape Girardeau, and of the 2,259 data points, 2,236 data points were non-compliant in Jackson.

The entire SEMPO MPA is referenced when detailing the data collection process and methodology. The summaries of each type of feature for which data was collected in the PROW only included those with the City of Cape Girardeau and the City of Jackson's boundaries.

CLIENT & REFERENCE

City of Cape Girardeau
44 North Lorimier
City of Cape Girardeau, MO 63701
573.339.6300
Alex McElroy, Executive Director
amcelroy@cityofcapegirardeau.org

SERVICES

Transportation Planning
Travel Demand Modeling
Multi-modal/Transportation Planning
Data Collection & Analysis
Traffic Studies/Modeling
Public Involvement

ROLE

Prime

STAFFING

Cheryl Sharp, PE, PTOE, AICP – Project Manager

Sharif Ullah, PE, PTP – Transportation Modeler

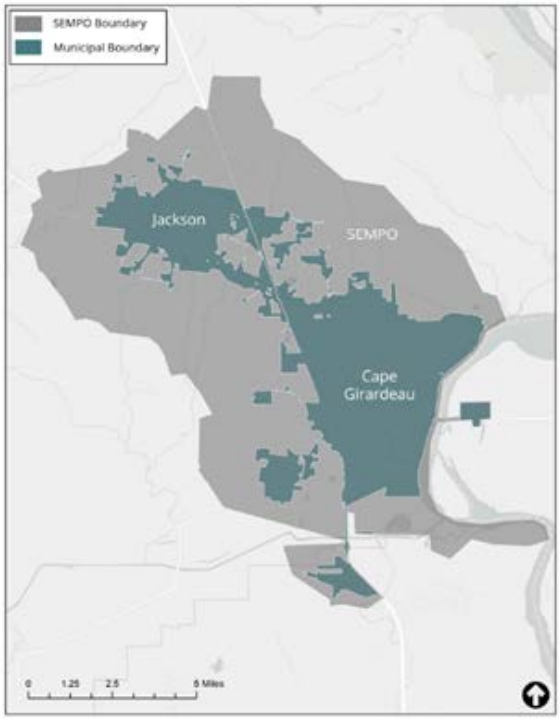
Fasil Sagir – Transportation Modeler

Michelle Romine – Project Engineer

Nick Sokolis, EI, RSP1 – Project Engineer

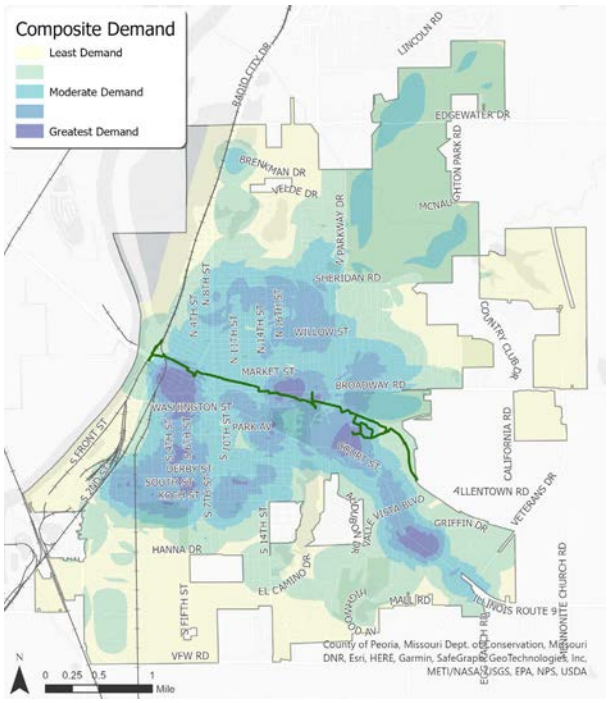
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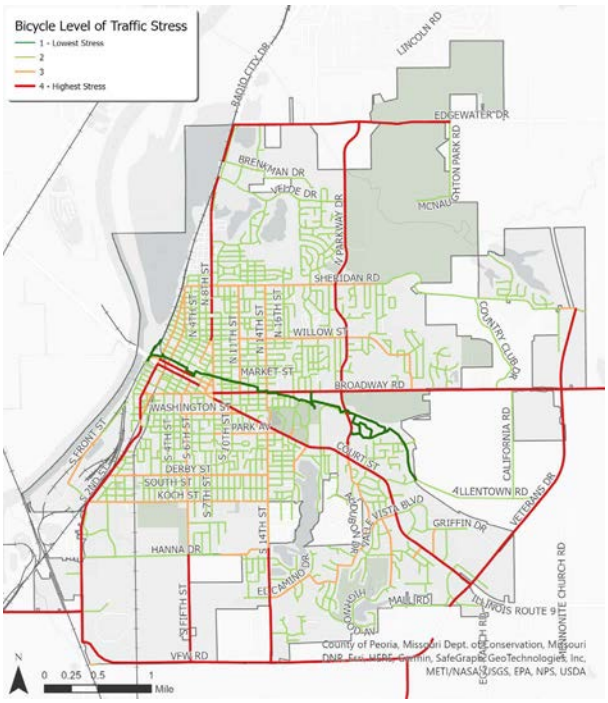
N/A



PEKIN BICYCLE PLAN

Pekin, IL | Lochmueller Group





CLIENT & REFERENCE

Tri-County Regional Planning Commission
456 Fulton St, Suite 401, Peoria, IL 61602
Michael Bruner, Senior Planner
mbruner@tricountyrpc.org | 309.673.9330

Tri-County Regional Planning Commission
456 Fulton St, Suite 401, Peoria, IL 61602
Michael Bruner, Senior Planner
mbruner@tricountyrpc.org | 309.673.9330

SERVICES

Active Transportation Planning
Public Engagement

ROLE

Prime

STAFFING

Kevin Neill, Project Manager
Ethan Jones, Planner
Siddhesh Kudale, Planner

FEE

$70,000.00

SCHEDULE

Start Date: January 2023
Expected Completion Date: December 2023

The Pekin Bicycle and Pedestrian Master Plan embodies the City's ambition to create a safer, more comfortable transportation environment for people of all ages, abilities, and backgrounds, especially for people who walk, bike, and use mobility assistance devices like wheelchairs or walkers. This long-range plan fuses inspiration and ideas from Pekin residents and community stakeholders with technical analysis of current conditions and best practices in bicycle and pedestrian planning and facility design. The final plan will include recommendations for new trails, bikeways, sidewalks, and intersection improvements, as well as supporting policies, programs, and implementation strategies.

As prime consultant to Tri-County Regional Planning Commission and the City of Pekin, Lochmueller Group was responsible for leading all facets of the project, including project management, technical analysis, mapping, public and stakeholder engagement, network development and prioritization, and implementation strategies. The project is nearing completion with an expected completion in December 2023.



MALINE GREENWAY FEASIBILITY STUDY

Saint Louis County, MO | Lochmueller Group



CLIENT & REFERENCE

Great Rivers Greenway
3745 Foundry Way Suite 253
St. Louis, MO 63110
Michael Steinlage, Project Manager
msteinlage@grgstl.org | 314-932-4909

SERVICES

Trail Planning and Feasibility Analysis
Public Engagement
Environmental Review

ROLE

Prime

STAFFING

Kelley Davis, Project Manager
Kevin Neill, Senior Planner
Peter Williams, Planner
Joe Bartletti, Senior Biologist/ Environmental Planner

FEE

$276,000

SCHEDULE

Start Date: August 2022
Completion Date: October 2023

In August 2022, Lochmueller began the process of exploring and analyzing greenway alignment options from the existing Maline Greenway in Bella Fontaine West Park to West Florissant Avenue, connecting to the segment of the Maline Greenway currently under construction. The yearlong feasibility study process weaved together technical analysis and evaluation with community engagement and input at every step along the way.

As prime consultant on the project, Lochmueller led a multidisciplinary team of transportation and environmental planners, traffic and design engineers, and landscape architects to create alignment opportunities, develop prioritization criteria, identify a preferred alternative, and develop cost estimates and conceptual drawings to advance the greenway to subsequent stages of design and construction. Input from area residents, Community Advisory Committee members, local agency partners, and other stakeholders informed the project's understanding of existing conditions, shaped creation of different routes for consideration, and helped evaluate route options and identify a recommended route to advance to preliminary engineering and design.





PROJECT TEAM RESUMES

SECTION 2

SCOTT EMMELKAMP, PLA, ASLA, LEED AP

Project Manager | Planning Design Studio



PROFESSIONAL PROFILE

Scott's passion for landscape architecture started as a way to express his artistic talents and interest in creative problem solving. A managing principal at PDS, Scott is responsible for project management, business development, firm operations and supporting clients' needs. Scott has extensive experience ranging from planning, public engagement and master planning to site design, construction documents, cost estimating and construction period services. His experience includes both large and small projects on four continents. Scott's leadership extends beyond PDS through his active participation in professional organizations and involvement in professional advisory committees at two university landscape architecture programs.

EDUCATION

Bachelor of Landscape Architecture, University of Arkansas, 1987

CREDENTIALS

Professional Landscape Architect (PLA) Missouri, Illinois and Arkansas

LEED AP

American Society of Landscape Architects (ASLA), former Chapter Trustee

Corporate Member, Missouri Parks and Recreation Association (MPRA)

Member, Southern Illinois Parks & Recreation Association

President, St. Louis Open Space Council (Non-profit Conservation Organization)

REPRESENTATIVE PROJECT EXPERIENCE

Saint Charles County Greenway Master Plan, Saint Charles County, MO
County-wide planning effort with Great Rivers Greenway, St. Charles County Parks and local municipalities, using significant public outreach to identify new destinations and priorities for greenway development.

Maline Greenway Concept Plan, Great Rivers Greenway, Saint Louis, MO
Conceptual plan for greenway enhancements and trail alignments for an 8-mile stretch along the Maline Creek corridor, connecting residential areas to destinations throughout north Saint Louis County.

Bella Fontaine Bridges Trail Improvements, Saint Louis County, MO
The first section of the Maline Greenway concept plan to be implemented. This project included upgrades, realignment of several trails and replacement of three pedestrian bridges in the Bella Fontaine park. Improvements resulted in over 2 miles of new trail, stream bank restoration, native plantings, a trail head, and signage that meet Great Rivers Greenway design standards.

Baltic Creek Greenway Master Plan, Saint Charles County, MO
Greenway master plan to develop a preferred alignment connecting destinations along a six mile corridor in St. Charles County. The project team worked with community leaders, committees and public stakeholders to gain valuable input during the process. An alignment evaluation matrix was developed to help compare options and determine the preferred alignment.

Bluebird Meadow Park, Dardenne Prairie, MO
Master plan and construction documents for trail connections and a soccer field on an 80-acre park adjacent to Great Rivers Greenway's Dardenne Greenway.

Vision 2030: Parks Master Plan, Saint Louis County, MO
Included extensive public input opportunities that helped to create a 15-year improvement plan for 70 parks totaling 12,400 acres, 43 playgrounds, 22 historical sites, 16 museums and 140 miles of trails.

L. ANDREW FRANKE, PLA, ASLA, LEED GA

Public Engagement & Trail Planning | Planning Design Studio



PROFESSIONAL PROFILE

Andy's road to landscape architecture began with summer tree care and landscape work where he discovered an appreciation of design and the natural built environment. As a founding member and principal of PDS, he leads project development activities including site inventory, site analysis, planning, design development, environmental permitting, recreation master planning, and construction documentation. Andy is eager to pursue sustainable practices through his extensive knowledge of arboriculture and to preserve trees during site development and construction. His professional experience includes completed designs for Saint Louis University, Laclede's Landing Redevelopment Corporation, the Saint Louis Zoo, the Cities of Webster Groves, Kirkwood and Brentwood, and many others.

EDUCATION

Bachelor of Landscape Architecture, Kansas State University, 1988

CREDENTIALS

Professional Landscape Architect (PLA) in Missouri, Illinois and Kansas

LEED GA

Certified Arborist

American Society of Landscape Architects (ASLA)

FAA Certified Drone Pilot

REPRESENTATIVE PROJECT EXPERIENCE

Brentwood Bound, Brentwood, MO
Greenway master plan, funding opportunity identification, grant application support, construction documents & community engagement for a combination flood mitigation and greenway project.

Brentwood Park System Master Plan, Brentwood, MO
City-Wide park system analysis, community engagement, new parks and feature recommendations.

Deer Creek to Rogers Parkway Connector, Brentwood, MO
Feasibility study exploring trail alignments that would connect a regional greenway to a local park system trail network.

Rogers Parkway, Brentwood, MO
Development and illustration of trail connections and suitable green infrastructure locations for a multi-purpose pedestrian/bicycle trail.

Route 66 State Park Bridge, Eureka, MO
Vision plan to revitalize historic bridge structure that infuses history by creating scenic overlooks with Route 66 artifacts and interpretive signs.

Cape La Croix Trail Master Plan, Cape Girardeau, MO
A trail & signage master plan for a 6-mile stretch of trail including child play nodes, a fitness loop, comfort stations and improved trailheads.

Kirkwood Parks & Recreation Master Plan, Kirkwood, MO
A 20-year master plan and concept designs for 200 acres of parks.

Parks and Recreation Master Plan, O'Fallon, MO
a 10-year, system wide improvement plan, including master plan designs for 8 parks.

JONATHAN CORBETT, PLA, LEED AP

Trail Alignment & GIS | Planning Design Studio



PROFESSIONAL PROFILE

Jonathan is passionate about creating spaces that bring joy to people and is enthusiastic about enhancing the natural ecosystem. At PDS, Jonathan's responsibilities range from site design to project management and leads our GIS mapping and analysis work used on many projects. His work includes the very local, like helping start and lead a large community garden, to the regional in developing park and trail master plans for cities and counties in our area. Before joining PDS, Jonathan worked internationally for many years developing designs for many large, award winning civic, commercial, and mixed-use community projects.

EDUCATION

Bachelor of Landscape Architecture, Kansas State University, 2008

CREDENTIALS

Professional Landscape Architect (PLA) in Missouri

LEED AP

CPSI

REPRESENTATIVE PROJECT EXPERIENCE

Saint Charles County Greenway Master Plan, Saint Charles County, MO
County-wide planning effort with Great Rivers Greenway, St. Charles County Parks and local municipalities, using significant public outreach to identify new destinations and priorities for greenway development.

Mississippi River Greenway - Chain of Rocks Bridge, Saint Louis, MO
Program feasibility study, conceptual master plan, and construction documents for a historic site with the goals of catalyzing future development, increasing trail and bridge safety, creating value for the surrounding community and re-establishing the allure of the historic bridge structure.

Bella Fontaine Bridges Trail Improvements, Saint Louis County, MO
The first section of the Maline Greenway concept plan to be implemented. This project included upgrades, realignment of several trails and replacement of three pedestrian bridges in the Bella Fontaine park. Improvements resulted in over 2 miles of new trail, stream bank restoration, native plantings, a trail head, and signage that meet Great Rivers Greenway design standards.

Vision 2030: Parks Master Plan, Saint Louis County, MO
Included extensive public input opportunities that helped to create a 15-year improvement plan for 70 parks totaling 12,400 acres, 43 playgrounds, 22 historical sites, 16 museums and 140 miles of trails.

River Des Peres Greenway - Phase 4, Saint Louis City & County, MO
Design/construction documents for the final connecting segment with a new trailhead at Alabama Ave, routing through Lemay Park, and connecting south to the Mississippi River Greenway.

Great Streets Initiative, East-West Gateway Council, Saint Louis, MO
Data collection, analysis, and a four-day design charrette, resulting in a white paper of recommendations for three Great Streets Initiatives.

CHERYL L. SHARP Traffic & Intersection Signalization | Lochmueller Group



Cheryl is a professional traffic operations engineer specializing in transportation planning and analysis, multimodal design, and traffic signal design. Over her 20-year career, she has managed a diverse array of projects, including regional long range transportation plans, bicycle and pedestrian plans, trail planning and design projects, multimodal corridor studies, and ADA accessibility plans. With a passion for creating safe and inclusive multimodal transportation systems and experience at all stages of planning and project development, Cheryl works with communities of all sizes to build a shared vision for the future of transportation.

EDUCATION

BS, Civil Engineering, Purdue University, West Lafayette, Indiana, 2001

CREDENTIALS

Registration:

Professional Engineer: MO, IN, OH, VA, IL & KY

PTOE, AICP

Associations:

APA, APBP, APWA, CREW

Engineers Club of St. Louis

Missouri Bicycle Federation

REPRESENTATIVE PROJECT EXPERIENCE

Metropolitan Transportation Plan Update for Southeast Metropolitan Planning Organization (SEMPO), Cape Girardeau, MO
Project Manager responsible for leading numerous aspects of a federally mandated Metropolitan Transportation Plan (MTP) for the SEMPO, the MPO for the Cape Girardeau and Jackson, Missouri Urbanized Area.

Regional Bicycle & Pedestrian Plan for Southeast Metropolitan Planning Organization (SEMPO), MO
Project Manager guiding the preparation of a regional bicycle and pedestrian plan for SEMPO, which includes the Cape Girardeau and Jackson, Missouri area.

SEMPO PROW ADA Transition Framework Plan for Southeast Metropolitan Planning Organization (SEMPO), Cape Girardeau, MO
Project Manager of completing the ADA Transition Framework Plan, which was the initial step to lay the groundwork for a full ADA Transition Plan for all municipalities within the SEMPO region.

MO 366, MO 47, MO 100, and US 50 Signal Optimization for MoDOT
Project Manager. Lochmueller optimized a total of 57 intersections along MO 366, MO 47, MO 100, and US 50 in St. Louis and Franklin Counties.

KELLEY DAVIS On-Street Trail Crossings & Facilities | Lochmueller Group



Kelley has a strong proven background in civil and environmental engineering design, planning, permitting and project management. As our Roadway Department Manager, she has experience managing and designing the roadway and drainage scope for multimodal and bike/ped trail connections, ranging in size from small extensions to regional developments. She also has experience in highway and traffic design, traffic coordination and pavement analysis. Kelley has provided NEPA support and has worked on remediation design. A skilled communicator, she has technical writing skills and creates computer models.

EDUCATION

BS, Civil Engineering, University of Tennessee, Knoxville, Tennessee, 1999

CREDENTIALS

Registration: Professional Engineer: Missouri & Illinois

24 years of experience

Been with Lochmueller Group since 2019

REPRESENTATIVE PROJECT EXPERIENCE

Centennial Greenway Design - Great Rivers Greenway, St. Charles, MO
Project Manager for this project that included design and construction administration of the Centennial Greenway Extension.

St. Vincent Greenway Trail Planning & Design - Great Rivers Greenway, Wellston & Pagedale, MO
Project Manager/Lead Engineer responsible for planning and design services for the development of a paved, 2.5-mile-long, 10-foot-wide bike/pedestrian trail.

Planning Study - Linear Park along Mason Road, Town & Country, MO
Lead Engineer responsible for a planning study for a linear park along Mason Road at Manchester Road going north and ending at Conway Road in the City of Town & Country.

Mason Road Linear Park - Phase 1: South of Clayton to Mason Heights Road, Town & Country, MO
Project Manager and Lead Engineer responsible for production of construction documents to connect existing sidewalk elements, provide ADA ramps and a pedestrian crosswalk.

LAUREL S. HARRINGTON PLA, Public Engagement & Trail Planning | Lochmueller Group



Laurel is a licensed Landscape Architect and Project Manager with 32 years of experience. She specializes inregional urban design, business district redevelopment planning, campus development, site design, and Landscape Architecture for municipal, agency, and institutional clients. Her public realm experience in streetscape, bicycle/pedestrian facilities, downtown/business district revitalization, and active transportation projects have been facilitated through Great Streets and Federally funded programs. Laurel also has a design background in parks and recreation, prairie restoration, nature playscapes, and donor recognition.

EDUCATION

BLA, Landscape Architecture, Michigan State University, School of Landscape Architecture, East Lansing, MI, 1991

CREDENTIALS

Registration: Licensed Landscape Architect: IL, IN, MO, KY & MI

LEED Accredited Professional Building Design + Construction

MODOT LPA Certified, 2022

Associations: ASLA, APA, APBP

REPRESENTATIVE PROJECT EXPERIENCE

Grant's Trail/Gravois Greenway Extension, Kirkwood, MO
Planner for the development of the concept plan for the extension of Grants Trail from the existing terminus of the trail at Holmes Avenue into Downtown Kirkwood.

Bike Marion Bike Plan, Marion, IL
Planner and Plan Writer for a city-wide bike master plan with recommendations for on-street and off-street facilities to create a comprehensive network and connections to regional greenways.

14th Avenue to Diamond Parkway Shared Use Path, North Kansas City, MO
Project Manager and Planner for the feasibility study of a shared use path connection between an existing cycle track and the Rabbit Hole Museum with future connections to streetcar expansion and other regional initiatives.

39°N Old Olive AgTech Innovation District - Olive/Lindbergh Interchange, St. Louis Economic Development Partnership, Creve Coeur, MO
Landscape Architect and Designer for pedestrian improvements on the Olive Street Road bridge for the integration of shared used paths and bike/ped safety.

KEVIN NEILL Trail Planning & Implementation | Lochmueller Group



Kevin is a transportation planner with a passion for fostering healthy and active communities. Kevin has worked with communities across the country to integrate active mobility into transportation projects.He has led bicycle and pedestrian master plans for more than 20 municipalities in the Midwest, and has worked on more than 50 master plans, corridor studies, feasibility reports, grant applications, and implementation projects. His strengths include regional planning, complete streets policy development and implementation, project management, technical writing, GIS-based analysis and mapping, and community outreach.

EDUCATION

Master of City and Regional Planning, University of Memphis, Memphis, Tennessee, 2008

BA, History, Saint Louis University, St. Louis, Missouri, 2005

CREDENTIALS

Registration: American Institute of Certified Planners (AICP)

Associations: APA, APBP

15 years of experience

REPRESENTATIVE PROJECT EXPERIENCE

Pekin Bicycle and Pedestrian Master Plan, IL
Project Manager and Lead Planner responsible for project administration, subconsultant coordination, task delegation and oversight, engagement activities, and all other facets of the project.

St. Louis County Action Plan for Biking and Walking, MO
Project Manager for this holistic bicycle and pedestrian master plan and led efforts to coordinate data collection, oversee engagement and production activities, and align project resources.

Normal Bicycle and Pedestrian Plan, IL
Project Manager responsible for overseeing the complete revamp of the original document.

Nixa Bicycle/Pedestrian Master Plan, MO
Project Manager for this trail master plan, responsible for the development of over 75 miles of bicycle and pedestrian facilities to increase access to schools, parks, commercial districts, etc.

Maline Greenway Feasibility Study, Great Rivers Greenway, St. Louis, Missouri
Senior Planner for this feasibility study. The study involved exploring and analyzing alignment options from the existing greenway in Bella Fontaine West Park to West Florissant Avenue.



PROJECT APPROACH & MANAGEMENT

SECTION 3

PROJECT APPROACH & MANAGEMENT

Planning Design Studio & Lochmueller Group

PROJECT APPROACH

A successful planning study should have a project approach tailored specifically to the goals and objectives of the community. We have prepared an initial project approach within this section that illustrates how we propose to tackle your project. Your RFP included a Scope of Services, and the following approach and process of how we propose to complete that scope to meet your goals and expectation.

Public & Stakeholder Engagement

- Development of a project specific Community Engagement Plan that follows SEMPO's Public Participation Plan and includes stakeholder research, identification of preferred communication channels, and maintenance of a contacts database.
- Development of the types of Outreach Materials to be employed that could include a project fact sheet, newsletters, website content, project partner newsletter content, and social media pushes.
- Steering Committee meetings and Public meetings are anticipated to occur on the same day.
- Steering Committee task includes meeting scheduling, developing support materials, meeting attendance and meeting notes (6 Meetings including Final Bd of Dir Mtg.).
- Open House Public Meetings include scheduling, invitations, meeting guides, comment form, promotion among project partners, meeting logistics, set up, attendance and meeting documentation (5 Meetings).
- Survey development and administration
- Community and Trail Signage development, printing and placement (Potentially along existing trails and key community and institution public spaces).
- Preparation of Media Packets

Discover: Inventory & Analysis

- Steering Committee and community engagement Kickoff Meetings will be conducted to provide communicate the purpose, general scope and expectations of the study.
- Data Collection including evaluation of existing conditions, field surveys and photographs, previous plans and studies, dominant infrastructure and utilities, natural and man-made environmental conditions, topography, property ownership information, stakeholder and project partner interviews, storm water and hydrological issues impacting the corridor, circulation and traffic and land use.
- Mapping – Development of diagrams and maps that illustrate existing conditions in the study area.
- Existing conditions will be analyzed to identify destinations, opportunities and constraints in the study area.
- With input from the stakeholders, project partners, advisory groups and the public, develop the project goals and vision for the greenway.
- Identification of key community destinations and very general initial potential corridors that would link the two existing trail systems and those destinations.
- Development of an Existing Conditions & Analysis Summary Report
- Prepare and present materials to Steering Committee, Stakeholders and Public.

Routing Alternatives

- Develop and refine 3 alignment options that identify location and key features/vision of the trail route, including destination opportunities, neighborhood connections, construction requirements, traffic crossings, potential environmental issues, and other related items.
- Develop specific criteria and alignment evaluation matrix.
- based upon their merits.
- Work with SEMPO staff to evaluate each alternative alignment based upon the matrix criteria to define a detailed understanding of critical issues on each alternative. An overview of a summary of the pros & cons will be prepared to communicate key aspects of each alternative.
- Prepare a Summary Routing Alternatives Evaluation Report for the 3 alignments.
- Prepare and present materials to Steering Committee, Stakeholders and Public.

Recommendations & Implementation Strategy

- Based on input from SEMPO staff and the Steering Committee, the alignment will be updated to very conceptual level layouts and the evaluation matrix will be updated, and the route alignment recommendations refined.
- An implementation plan will be developed as a framework blueprint that addresses anticipated requirements but retains flexibility to allow development to follow existing and new opportunities.
- Planning level cost of the trail development and potential enhancements to existing facilities will be outlined, property/easement acquisitions and possible development agreements will be identified. Additionally, a longer-term trail operations and maintenance framework by sector will be outlined. Potential impacts to social/ economic development and environmental stewardship will be outlined.
- Prepare a Preliminary Recommendations & Implementation Strategy Report.
- Prepare and present materials to Steering Committee, Stakeholders and Public.

Draft & Final Report

- A draft report will be prepared consisting of materials Discovery, Routing Alternatives, Recommendations, and Implementation Strategy.
- Prepare and present Draft Study Report to Steering Committee, Stakeholders and Public.
- Based on input and direction from SEMPO staff, the draft report will be refined into the Final report including all requirements and deliverables.
- Present the study findings to committees and SEMPO Board of Directors.

PROJECT MANAGEMENT

Our approach to project management of you project begins with assigning Scott Emmelkamp (a PDS Principal) as Project Manager, providing the assurance that the project will receive not only the highest quality planning services, but also the priority needed. He has managed several directly related trail corridor planning study projects as outlined in his resume. We encourage you to contact references to confirm his commitment to meeting and exceeding client expectations.

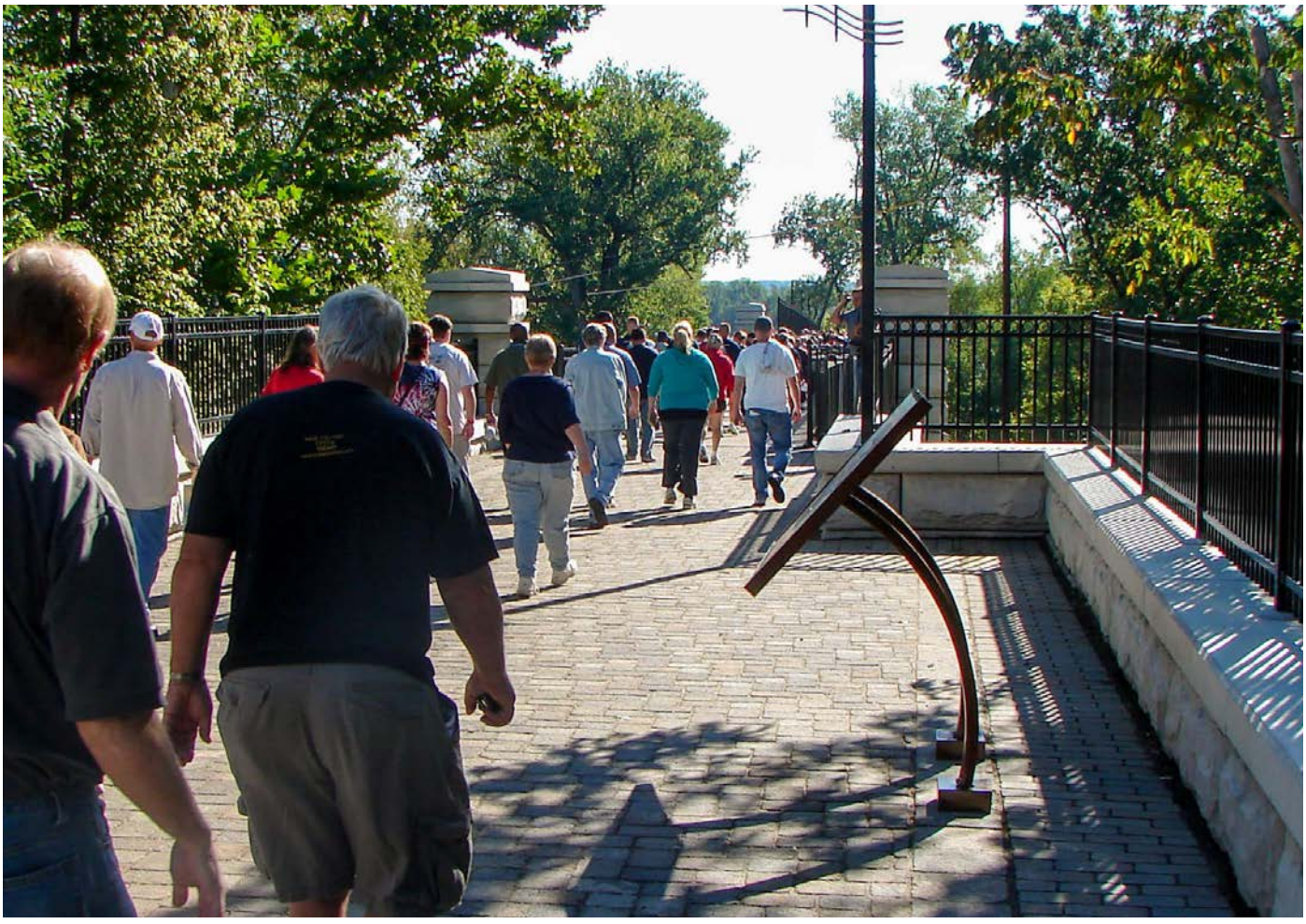
In general, PDS's approach to project management adheres to the primary principle that successful planning and design projects require a well-organized process that includes creativity, sound technical expertise and client/user input. We strongly believe the planning-design process requires defining goals, careful listening, communication, documentation, understanding context, creative solutions, attention to details and follow through. Project teams review and discuss these items on a continuing basis to identify opportunities and/or issues that can be dealt with early in the process. Project visions,

specific goal, facility programs, design criteria and budgets are clearly defined and discussed not only at the kickoff, but also during the QA/QC at each milestone during the process.

To assure project scheduling compliance, PDS closely monitors on a project-by-project basis our overall workload monthly by preparing a detailed workload forecast with projected staffing. Our most recent forecast indicates the firm, and the proposed staff have sufficient availability to complete this assignment. Likewise, LG and their proposed staff have more than sufficient availability. Please refer to the resumes and project description sections of this submittal to review the capabilities of our firms and the proposed project team.

PDS's Quality Assurance & Control procedure that begins with project scoping and doesn't conclude until after the project is closed out. Generally, the key features of our process include:

- Scope of Services: Documents are reviewed by a firm principal not involved in the preparation of the proposal scope.
- Project Kickoff: At this stage project management includes careful coordination of the scope of services, schedules and designating internally responsible individuals for completing and checking the work.
- Prior to planning level submittals and/or formal meetings, the materials to are reviewed and checked against requirements that range from contractual scoping and client stated goals to codes, guidelines, general constructability and accepted planning and design practice.





PROJECT SCHEDULE & BUDGET

SECTION 4

PROJECT SCHEDULE & BUDGET

Planning Design Studio & Lochmueller Group



Project Schedule. PDS will coordinate with SEMPO to develop a mutually agreeable detailed schedule that meets your scheduling requirements. Generally, we've found on similar projects, it would normally take roughly a 6 to 8 months schedule to complete the work described in the approach and scope. Listed below is an initial outline of key scope milestones timeframes associated with that schedule. However, please note we have worked with clients to expedite completion to meet important dates by accelerating the process. that provide the completing the project.

- Discovery - Inventory & Analysis.....2 Months
- Routing Alternatives.....1 to 2 Months
- Recommendations & Implementation Strategy.....2 Months
- Draft & Final Report.....1 to 2 Months

We have reviewed the schedule commitments of the proposed staff members against the project schedule (anticipated to start Winter 2024) and can assure SEMPO that they have the capacity to complete this project on schedule. Our project manager, Scott Emmelkamp current key project (the Baltic Creek Greenway Alignment Master Plan for Great Rivers Greenway in St Charles) is wrapping up and will be completed in early January. The workload commitment of other PDS and LG planning team members have sufficient uncommitted time to complete the services required.

Project Budget. PDS has reviewed the RFP Scope of Services and outlined our proposed approach with the understanding that we will complete the work within the $125,000. project budget identified, including reimbursable cost.

PLANNING
DESIGN
STUDIO

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Saint Louis, Missouri 63143
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