

Qualifications

to provide

Architectural and Engineering  
Design Services

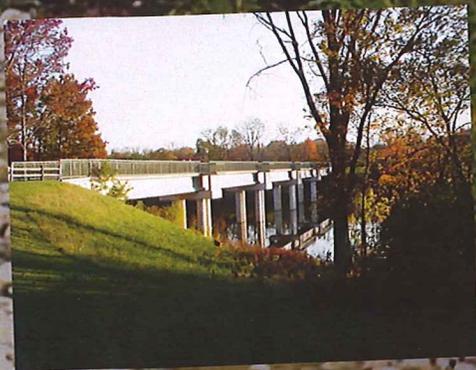
for the

KRTA Recreational  
Trails Master Plan

RFI 850100000021

Newport, Kentucky

May 20, 2010



Brandstetter Carroll Inc.  
ARCHITECTS ENGINEERS PLANNERS



Brandstetter Carroll Inc.  
ARCHITECTS ENGINEERS PLANNERS

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May 20, 2010

Mr. Tim Pollard  
Executive Director, Office of Finance  
Tourism, Arts and Heritage Cabinet  
500 Mero Street, 24<sup>th</sup> Floor Capital Plaza Tower  
Frankfort, Kentucky 40601

RE: KRTA Recreational Trail Master Plan  
RFI 850 1000000021

Brandstetter Carroll Inc. is very pleased to submit this response to the "Request for Information" for a Statewide Recreational Trails Plan to meet the goals of the Kentucky Recreational Trails Authority. Brandstetter Carroll Inc. is a very logical choice to facilitate this complex effort for the following reasons:

- **State-wide relationships and reputation** - The experience and relationships developed by BCI staff through 30 years of practicing architecture, landscape architecture, planning, and engineering across the Commonwealth will be a major factor that will lead to the success of this planning effort. The firm's client base is primarily local government agencies and the geography of the firm's clients ranges from the communities of Eastern Kentucky to Paducah-McCracken County in the west, and from several projects in several Northern Kentucky counties to Bowling Green in the south central.
- **Parks and Recreation Specialists** – Brandstetter Carroll Inc. is well known across the Eastern United States for its parks and recreation planning abilities and currently has projects in Kentucky, Ohio, West Virginia, Texas, Georgia, and New Jersey. The firm has a Recreation, Planning and Landscape Architecture that specializes in planning and design of parks and recreation areas and systems. We have completed park and recreation system master plans for 12 of the counties in the Commonwealth as well as for six individual communities. In addition, BCI has performed park and recreation design projects for 33 counties and 38 cities. Throughout all of these planning projects, extensive public input has placed recreational trails as one of the top priorities in every case.
- **Trails Planning Experts** – Brandstetter Carroll Inc. has assisted numerous counties and communities with trail planning and design projects with several projects requiring coordination with regional agencies or multiple counties. For example, the recent Oldham County Bike, Pedestrian and Greenway Trails Master Plan required coordination with Louisville-MetroParks and other adjacent counties in providing trail connections to systems and features in adjacent counties.

This document responds to the Comprehensive Recreational Trail Master Plan RFI 850 issued April 27, 2010. Section I, Team Qualifications and Scope of Services include our Project Understanding, and response to the "Information Requested" on page five of the RFI. Section II, Projects, contains examples of our past similar assignments, followed by a comprehensive list in Section III, Experience. Finally, Section IV, Personnel includes resumes of our key Team members.

We appreciate the opportunity to submit this information, and are willing to discuss this project in greater detail in an interview or meeting if requested.

Very truly yours,  
Brandstetter Carroll Inc.

A handwritten signature in black ink, appearing to read "Lawrence W. Brandstetter". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Lawrence W. Brandstetter, AIA  
President



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Team Qualifications & Scope of Services

## Team Qualifications & Scope of Services

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The following information is in response to the “Request for Information” from the Kentucky Recreational Trails Authority (KRTA) for a Comprehensive State-wide Recreational Trails Master Plan. This section includes a Project Understanding, a response to the “Information Requests” on page 5 of the RFI, and additional information that will assist the KRTA in determining the most feasible course of action for this project.

### **A. Project Understanding**

#### **1. Project Overview**

The KRTA was formed due to the demand of Kentuckians and visitors needing places to ride, hike and recreate in Kentucky. The KRTA was formed by Executive Order in 2005 and is incorporated in the Kentucky Department of Tourism. Their main charge is the task of planning and implementing programs to expand tourism opportunities for these off-road activities. The KRTA is actively focusing on: increasing land access for recreational trails, promoting trail education, and promoting trail opportunities.

The mission of the KRTA is to create a positive economic impact for the Commonwealth of Kentucky by expanding the tourism opportunities of off-road trail activities pertaining to non-motorized and motorized vehicle use. Such activities include pedestrians, bicycles, mountain bicycles, horses, all-terrain vehicles and off-highway vehicle use.

To expand these recreational trail related tourism opportunities, the KRTA will work to: increase land access for trail activities, reduce landowner liability, and promote trail education (safety, environment, compatibility, etc.). The KRTA will also act as the state body that will work to develop multiuse shared trail systems that cross multiple county lines.

The KRTA will also promote recreational trail opportunities by serving as a clearing house for information to user groups; inventorying and making available to the public information on existing trails; and by forming partnerships with federal and State agencies and local communities. The purpose of this Master Plan is to: identify existing trails for public use; identify potential connectors between trails, communities, counties and regions; and to assess the potential for establishing cross-state trail systems.

#### **2. The Need for a Plan**

The proposing firm of Brandstetter Carroll Inc. (BCI) has prepared both statistically valid random surveys and general surveys of the public for every park and recreation master plan the firm has developed over the last 20 years. The highest need in nearly every case is for more trails for walking, running and biking. The National Sporting Goods Association conducts surveys every other year of over 10,000 people and has determined that exercise walking is the highest participated activity with 87.5 million Americans participating in 2006. Bicycle riding is eighth on the list with 35.6 million and hiking has another 31 million participants. In the 2008 Kentucky Statewide Comprehensive Outdoor Recreation Plan, “Outdoor Recreation in Kentucky” a survey was performed with one of the highest activities respondents participated as walking. Clearly there is a strong demand for increased trails throughout Kentucky and untapped economic benefits to accomplishing this goal.

## Team Qualifications & Scope of Services

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Kentuckians have expressed desires for a variety of outdoor recreational pursuits and the potential exists for outstanding economic benefits from a coordinated and comprehensive system of trails, as well as the benefits of increased exercise and reduced vehicle trips. This can also be evidenced in the many organizations interested in promoting activities such as:

- Kentucky Mountain Bike Association
- Kentucky Trails Association
- Kentucky Horse Council
- Kentucky Rails to Trails Council
- Kentucky Motorcycle Association
- Harlan County Ridge Runners
- The recent Adventure Tourism Initiatives of the Appalachian Regional Commission
- The Heritage Trail initiative in Fayette County
- Numerous local efforts to increase trail opportunities throughout the Commonwealth.

Statewide trail plans have recently been developed in Ohio and West Virginia, each of which could be used as example and case studies for the approach for a Kentucky Trail Plan. The KRTA has developed a detailed Strategic Plan, but needs professional assistance to implement many of the planning initiatives to accomplish the goals.

Existing trails mapping is available from a wide variety of sources and efforts have been developed to collect these into a series of coordinated maps in the Kentucky Recreational Trails Mapping Site and the Cross Kentucky Trail Mapping Planning Map. Both are GIS based portals for uploading additional trail information.

The Commonwealth is also in need of statewide trail standards to have a common vocabulary and standards for trail development and maintenance.

### **B. Information Requested**

#### **1. Statewide Trails Master Plan Proposed Approach**

The BCI Team proposes the following Project Approach for the development of a comprehensive Statewide Trails Master Plan for the Commonwealth of Kentucky. It is recommended that the Consultant and representatives of the KRTA meet to finalize and refine the scope prior to development of an RFP to assure the needs, expectations and budget of the KRTA are met. The proposed process provides a logical progression of citizen based decision making from the broad planning context, analysis of the physical and political conditions, identification of the opportunities and constraints, Preliminary and Final Master Plans and identification of strategic actions needed to implement the vision.

##### **a. Planning Context - The Consultant will:**

- 1) Citizen Steering Committee – Utilize the existing board of the KRTA or other designees to establish a Citizen Steering Committee involving representatives of the various interested organizations. Meet on a regular basis with the Citizen Steering Committee to discuss the findings and progress of the planning effort.

## Team Qualifications & Scope of Services

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- 2) Review Previous Studies - Review all previous studies that will be provided by the Owner that pertain to the development of recreational trails. These will include, but are not limited to:
  - Previous Statewide Trails initiatives
  - Funded projects from the Recreational Trails Program Grants
  - Kentucky State Park Trails
  - Kentucky Statewide Rail Plan
  - OKI Regional Bicycle Plan
  - County Comprehensive Plans and planning documents
  - KIPDA Major Thoroughfare Plan
  - Louisville's Century Parks
  - Walkable Community Workshops
  - Public input from the previous Parks & Recreation Master Plans for individual counties and communities
  - Statewide Trails Plans of adjacent states
  - Review of existing State Statutes relating to recreational trails and use of land for recreational purposes
  - Review additional Metropolitan Planning Organization Plans related to trail systems
  - Review individual City and County Trail Master Plans
  
- 3) Assemble and Update Base Mapping – Use State provided GIS data and the Consultant's GIS to prepare base mapping to be used throughout the process. Some of this existing data is currently located on State web sites including the Kentucky Recreational Trail Mapping Site and Cross Kentucky Trail Master Planning Map through Kentucky Geonet. As of 2008, Kentucky had over 3,000 miles of trails mapped on its GIS system. Another source for needed mapping will be the Area Development Districts throughout the Commonwealth. The specific information to be analyzed and included on the base maps will include:
  - Aerial photography
  - Roads
  - Existing known trails and recreational use areas
  - Existing and proposed residential and commercial areas including subdivisions and shopping areas
  - Schools
  - Public parks (State, County and local)
  - Streams and rivers
  - Cities
  - Negative trail influences such as landfills, sewage treatment plants, natural gas plants, etc.
  
- 4) Recreational Trails Summits – Develop the criteria for and conduct a Recreational Trails Summit in each of the 15 Area Development Districts early in the process to bring all of the stakeholders within each ADD together. Stakeholders will include participants from various interest groups and governmental agencies. The purpose of these meetings will be to identify any

## Team Qualifications & Scope of Services

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issues, opportunities and constraints toward implementation of the Recreational Trails Master Plan. The mapping will be used to allow participants to actively identify specific potential recreational trail locations.

- 5) Recreational Trails Web Site – Establish a web site dedicated to obtaining information from interested citizens and organizations as well as a serving as a repository for existing data and draft reviews.

**b. Preliminary Trails Plan - The Consultant will:**

- 1) Preliminary Plan – Prepare a Preliminary Recreational Trails Plan to indicate potential routes and corridors for the Recreational Trails system throughout Kentucky. Identify connections with adjacent states’ systems.
- 2) Preliminary Standards – Prepare draft recreational trails and trail development standards to identify specific items such as trail widths, surfaces, wayfinding and safety signage, road crossings, and other features. The standards will be prepared for several typical conditions such as: urban or rural conditions; creekside trails; regional, community or neighborhood trails, etc. The various interest organizations will be consulted in this effort to coordinate existing standards and to ensure the standards meet with the approval of the various organizations.
- 3) Review Meetings – Conduct review meetings of the Preliminary Plans and Standards with the Steering Committee and Recreational Trails Authority.
- 4) Public Workshops - Conduct a Public Open House and Workshop within each Area Development District to illustrate and solicit comments on the recommended Preliminary Plan and Preliminary Standards.
- 5) Web Site Review – Place the Preliminary Plan and Standards on the project designated web site for review and comments.

**c. Action Plan - The Consultant will:**

- 1) Final Master Plan – Based upon the results from the review meetings and public workshops, prepare a Final Recreational Trails Master Plan to illustrate the potential routes.
- 2) Recreational Trails Standards – Prepare the final Recreational Trails Standards and criteria for each trail type and condition.
- 3) Action Plan – Prepare a “Steps To Success” Action Plan with a time table for implementation. This will identify all of the steps needed to implement the Master Plan with the responsible parties for implementation of each action, potential funding sources and time frame.

## Team Qualifications & Scope of Services

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- 4) Resource Guide – Prepare a Resource Guide based on case studies of other successful Recreational Trails to identify solutions to common issues such as: liability; land acquisition and easements; funding sources; maintenance; etc.
- 5) Final Presentations - Make presentations of the Final Master Plan to the Steering Committee, KRTA Board, the general public, Tourism Cabinet Officials and Staff.
- 6) Executive Summary - Prepare an Executive Summary that summarizes the findings, recommendations and actions.

### 2. Key elements associated with completing the Recreational Trails Master Plan.

BCI has identified the following key elements that will be important in completing the Master Plan.

- a. **Coordination** – A major role of the Consultant will be to coordinate the many Federal, State, county, regional and local agencies as well as the Area Development Districts and multiple user groups to build consensus toward accomplishing the Statewide Trails Plan.
- b. **Facilitation** – The firm’s vast experience and abilities in public participation processes and meeting facilitation will provide the KRTA with the skills necessary to develop a plan that will build upon the needs and desires of these multiple interest groups from all across the Commonwealth.
- c. **Familiarity with Kentucky** – The experience and relationships developed by BCI staff through 30 years of practicing architecture, landscape architecture, planning, and engineering across the Commonwealth will be a major factor that will lead to the success of this planning effort. The firm’s client base is primarily local government agencies and the geography of the firm’s client’s ranges from the mountains of Eastern Kentucky to Paducah-McCracken County, and from several projects in all several Northern Kentucky counties to Bowling Green.
- d. **Base Mapping** – A major factor in the process will be to use G.I.S. to consolidate the substantial amount of existing mapping to one source and to supplement it with potential trail routes state-wide. BCI has performed large scale GIS mapping projects such as several county-wide trails and parks and recreation master plans and the Hamilton to New Baltimore Groundwater Consortium (Ohio) Groundwater Pollution Sources Inventory Mapping across several southwestern Ohio counties.
- e. **Trails Planning Experience** – The vast trail planning and design experience of BCI at the county and regional levels brings a thorough understanding of the needs statewide. This experience included not only planning, but the realities of design and construction administration of several miles of trail projects.

### 3. Describe best approach to taking inventory and mapping of trails.

Please refer to Section B.1.a. – Planning Context.

### 4. Relevant Experience of the Firm

**Brandstetter Carroll Inc. (BCI)** is a firm of Landscape Architects, Architects, Engineers, and Planners founded in 1979 with the express purpose of providing professional planning and design services to public sector clients throughout the Commonwealth of Kentucky, State of Ohio, and adjacent states. Since the firm's inception, BCI has grown to include a staff of 55 members and maintains offices in Lexington and Louisville, Kentucky, as well as Cincinnati and Cleveland, Ohio.

The firm's in-house services include Architecture, Landscape Architecture, Park and Recreation Planning, Civil Engineering, Transportation Engineering, GIS, and Construction Administration. BCI is currently providing recreation planning services for projects in Kentucky, Ohio, West Virginia, New Jersey, Georgia, and Texas. BCI has been involved in over 30 Projects with Greenway and Trail System components. The firm also has a Division that specialized in camp planning and design. This group is designing camps in West Virginia, Texas, North Carolina, Florida, and Ohio, most of which include trails. A few of the more relevant projects include:

- Oldham County Bike, Pedestrian and Greenway Trails Master Plan, Oldham County, Kentucky
- Cincinnati Parks and Greenways Master Plan – Cincinnati, Ohio
- Clear Creek Greenway Master Plan – Shelby County, Kentucky
- Boone County Parks, Recreation and Greenways Master Plan
- Brunswick Trails Master Plan – Brunswick, Ohio
- Reading Mill Creek Trail – Reading, Ohio
- Princeton Parks, Recreation and Open Space Master Plan – Princeton, New Jersey
- Somerset County, New Jersey, Capital Facilities Plan
- Paducah Greenways Master Plan – Paducah, Kentucky
- Wyoming Bikeway Plan – Wyoming, Ohio
- Medina Parks & Recreation Master Plan – Medina, Ohio
- Strongsville Parks & Recreation Master Plan – Strongsville, Ohio
- Park and Recreation System Master Plans for the Kentucky Communities of:
  - Muhlenberg County
  - Oldham County
  - Boone County
  - Kenton County
  - Campbell County
  - Mt. Sterling-Montgomery County
  - Paducah-McCracken County
  - Murray-Calloway County
  - Warren County
  - Richmond-Madison County
  - Georgetown-Scott County
  - Nicholasville-Jessamine County
  - City of Bowling Green
  - City of Newport

## Team Qualifications & Scope of Services

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- City of Madisonville
- City of Frankfort
- City of Ft. Thomas
- City of Florence

Section III, Experience, includes a comprehensive list of BCI's experience in the Commonwealth providing parks and recreation planning or design services. The list includes communities extending from Eastern Kentucky to the west in Mayfield-Graves County and Paducah-McCracken County, and north for all three northern Kentucky counties and to the south in Bowling Green. In addition, staff of BCI has been actively involved in the Kentucky Recreation and Parks Society for the past 30 years and on the board of the Kentucky Parks and Recreation Foundation for 18 years, developing relationships with parks and recreation agencies throughout the Commonwealth. The firm is also a 30 year supporter of the Kentucky Association of Counties and The Kentucky League of Cities, and has a working relationship with many of the Area Development Districts.

### **5. Trail Design and Construction Experience**

In addition to the extensive trail planning experience of BCI, the firm has a wealth of experience in completing the final design and construction administration for trails. This experience includes the following:

- Paducah Greenway Trail - Paducah, Kentucky – 1.6 miles
- Cynthiana-Harrison County Park Trail – 1.85 miles
- Millennium Park Trail - Danville-Boyle County, Kentucky – 3.8 miles
- Florence Government Center Bikeway - Florence, Kentucky – 0.4 mile
- Oak Grove Park Trail – Centerville, Ohio – 3.5 miles
- Kellogg Ave. Bike Path – Hamilton County, Ohio – 1.55 miles
- L&N Pedestrian and Bikeway Bridge, Newport, Kentucky – 2,000 l.f.
- And many more that are listed in the "Experience" Section.

### **6. Experience working with government agencies.**

BCI has been providing professional design services throughout the Commonwealth of Kentucky since 1979, and worked in over 80% of the Counties. The firm is an active member of the Kentucky Association of Counties, Kentucky Recreation and Parks Society, and the Kentucky League of Cities. The firm has provided services for county fiscal courts, for health departments, administration buildings, courthouses, jails, public safety facilities, maintenance centers, utility systems, aviation facilities and parks.

### **7. Brandstetter Carroll Inc.'s ability to achieve goals of KRTA.**

#### **a. Meeting goals of the KRTA**

BCI's Team, experience, and process can help the KRTA achieve its goals for this Master Plan. BCI's office locations in Lexington, Louisville, and Cincinnati enable it to provide regional services on a state-wide assignment such as well.

### b. Schedule

The Project Schedule at the end of this section indicates approximately 18 months for completion of the Master Plan. The process is driven by the public input and review process for verification of each phase prior to proceeding to the next phase.

### c. Fees

An analysis of the hours required to complete this scope of work indicates a fee in the range of approximately \$200,000 to \$250,000. This includes printing of enough of the Master Plan documents for the KRTA Board. Additional copies for public use and for distribution would be extra. This fee does not include a public relations budget to promote the Stakeholders Summits to be held in each Area Development District.

## C. Additional Information

### 1. Qualifications of the Project Team

The following individuals will comprise the key Project Team members that would be assigned to this project. Resumes of each individual can be found in the Personnel Section.

#### **Patrick D. Hoagland, ASLA, Principal-in-Charge/Project Manager**

Mr. Hoagland is the Managing Principal of the firm's Recreation, Planning, and Landscape Architecture Division and has over 30 years experience in parks, recreation and greenway planning and design. For this assignment, he will serve a dual role as Principal-in-Charge and Project Manager. Mr. Hoagland will facilitate the stakeholder and public input process, monitor and review the schedule to keep the project on track, and serve as the primary contact throughout the process.

Mr. Hoagland has served as Principal-in-Charge and/or Project Manager for the majority of the firm's Park and Recreational Trails projects over the past 20 years. His experience includes both park and recreation master planning and design projects. He has served in a similar capacity for greenway projects for: the City of Cincinnati, Ohio; Clear Creek Greenway in Shelbyville; Paducah Greenway Master Plan; Oldham County Bike, Pedestrian and Greenway Trails Master Plan, and all of the greenway projects listed in item number B.4. above.

#### **Mark E. Horman, Senior Landscape Architect**

Mr. Horman is a Registered Landscape Architect with BCI and brings over 30 years experience to the Project Team. For this assignment, he will serve as Lead Planner, and will analyze the physical conditions of specified trails and areas, review potential trail routes, and oversee the mapping exercises and analyses. Mr. Horman has served in a similar capacity for all of the firm's greenway and trail projects over the past ten years including the Warren County Parks and Recreation Master Plan, design of the Winton Woods Trail, and several others.

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### **Charles L. Schneider, P.E., Civil Engineer**

Mr. Schneider is a Professional Engineer in the Commonwealth of Kentucky and brings 15 years experience to the Project Team. For this assignment, Mr. Schneider will examine potential issues related to all storm water, water, and sanitary sewer systems, the relocation of utilities, and vehicular and pedestrian circulation. He has served as the Lead Site Civil Engineer for all of BCI's park projects over the past seven years, including the Paducah Greenways Trail Phase I, Oldham County Bike, Pedestrian, and Greenway Trails Master Plan, and Oak Grove Park in Centerville, Ohio.

### **Benjamin Brandstetter, P.E., Senior Transportation Engineer**

Mr. Brandstetter is a Professional Engineer with 12 years experience, and serves as the Director of Transportation Engineering for BCI. Mr. Brandstetter joined BCI in 2005 after serving as a Project Engineer for a national transportation engineering firm, and specialized in complex State DOT projects, as well as projects with the National Parks Services. He will assist the team in examining KTC regulations that may impact the trail, assist in written statements for the system, and assess pedestrian bridge needs at specific locations. His experience includes trails and sidewalk systems in Boone County, Middletown, Ohio, and Wooster, Ohio.

### **Lisa M. Wright, GIS Specialist and Landscape Architecture Graduate**

Ms. Wright will be responsible for the GIS mapping and plan production for the Trails Master Plan. She has been working with BCI over the last three years as a Landscape Architect Intern and has been the primary person responsible for the GIS mapping for park and recreation system master plans as well as the Oldham County Bike, Pedestrian and Greenway Trails Master Plan.

## **2. Public Participation Experience**

The BCI Team is highly experienced in public input processes for complex projects having facilitated over 50 public meetings for the Cincinnati Recreation Commission Master Plan for Service Delivery and numerous public meetings and workshops as part of the over 40 Parks and Recreation Master Plans and/or Greenway and Trails Plans. BCI will stress that public participation is a key portion of the planning phase of any public project. The final plan **must** reflect the needs of the community and of the individuals that will use, support and maintain the parks and recreational trails for them to be successful. BCI is committed to this philosophy is evident from the many examples listed below of public participation and involvement on recent projects.

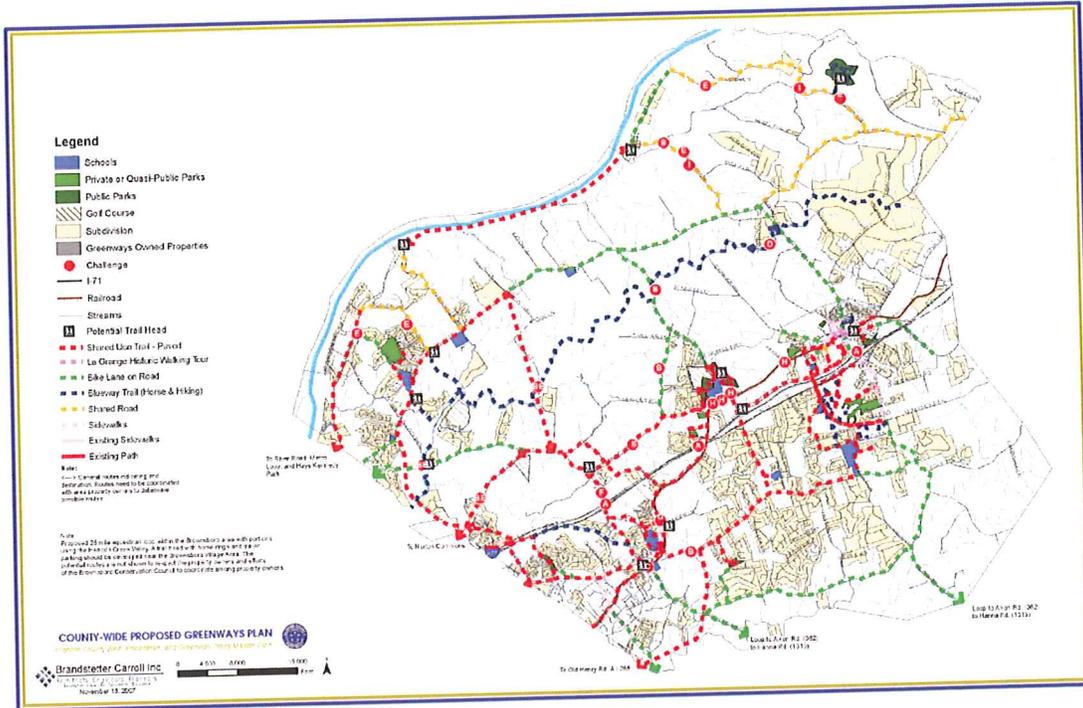
Nearly every park and recreation project planned by BCI includes an element of public participation to build consensus and support. In addition, Mr. Patrick Hoagland, ASLA and Lawrence W. Brandstetter, AIA have made presentations to the State Parks and Recreation Associations in Ohio, Kentucky, Tennessee and New Jersey on the subjects of "Citizen Driven Planning - The Key to Successful Park Development" and "Service Delivery Master Planning", emphasizing this issue to public officials.

Team Qualifications & Scope of Services

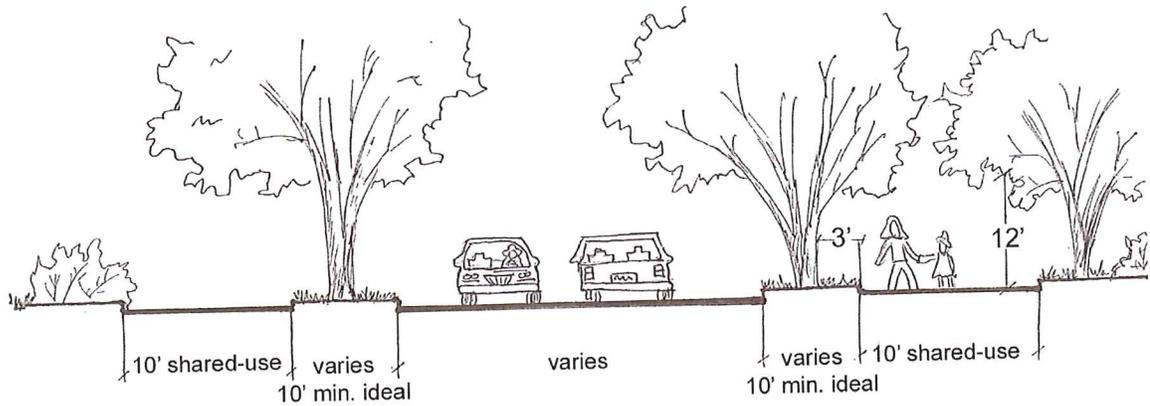
Task	Months																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>A. Planning Context</b>																		
Initial Coordination Meeting	★																	
Steering Committee Introduction Meeting	●																	
Steering Committee meetings (12)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Review Previous Studies and Reports																		
Assemble and Update Base Mapping																		
Recreation Trails Summits at 15 ADD locations																		
Statewide Organizations Summit																		
Web Based Survey																		
Recreation Trails Web Site																		
<b>B. Preliminary Trails Plan</b>																		
Preliminary Conceptual Plan																		
Draft Preliminary Standards																		
Steering Committee Review																		
Public Workshops - 15 ADD Locations																		
Web Review																		
<b>C. Action Plan</b>																		
Revised Master Plan																		
Final Standards																		
Draft Action Plan																		
Draft Resource Guide																		
Draft Action Plan Review																		
Action Plan Presentations																		
Final Report																		
Executive Summary																		



Projects

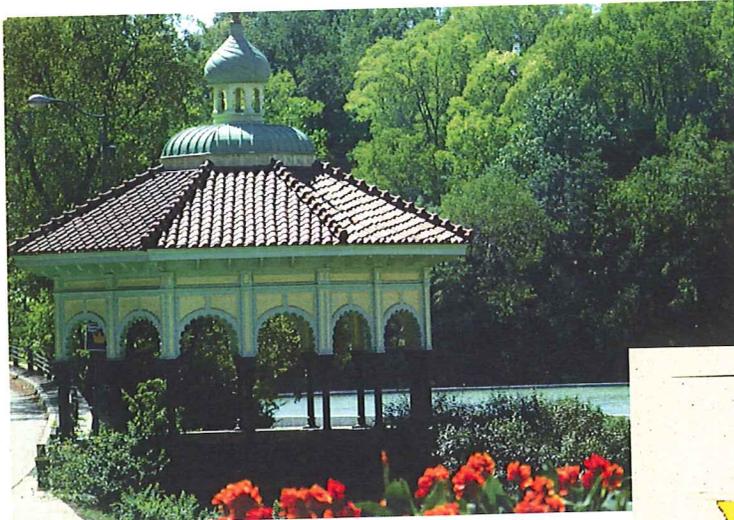


TYPICAL SHARED-USE TRAIL ADJACENT TO ROAD



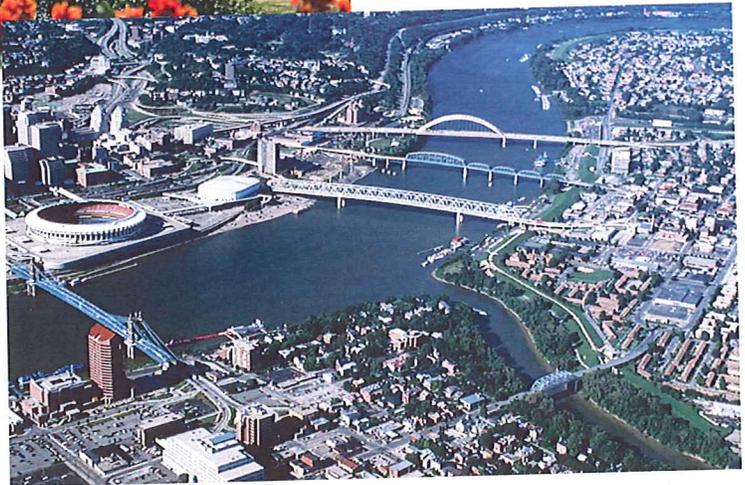
## Bike, Pedestrian and Greenway Trails Master Plan Oldham County, Kentucky

Brandstetter Carroll Inc. completed a Comprehensive Bike, Pedestrian and Greenway Trails Master Plan for the County. The Plan started out with a Greenways Summit in which several interest groups participated to share their vision and passion for greenways and trails. Extensive research was performed of future plans for road improvements and suggested trail routes. A detailed Action Plan identified steps for implementation of the Master Plan.



## Cincinnati Comprehensive Parks and Greenways Master Plan Cincinnati, Ohio

Brandstetter Carroll Inc., in conjunction with Behnke Associates, completed the Comprehensive Parks and Greenways Master Plan for the City of Cincinnati. This Comprehensive Study involved inventory and analysis of the Park Board's 156 properties, capital improvements program for all properties, development of concept plans for Mt. Airy Forest, Burnet Woods and Eden Park. The Master Plan included recommendations for the highly regarded horticulture facilities at the Mt. Airy Arboretum, Krohn Conservatory at Eden Park and general horticultural services. The process also included recommendations for the improvements to the park delivery system through maintenance, operations, and administration. Extensive public participation was involved in this plan through: meetings with neighborhood councils; telephone surveys; in-park surveys; focus groups; interviews with city staff; Park Board staff and community leaders. The Trust for Public Land Urban Land Institute ranked Cincinnati as one of the only three park systems in the U.S. to receive four stars for its park systems.



## Cincinnati Recreation Commission and Parks and Greenways Master Plan City of Cincinnati, Ohio

The Parks and Greenways Master Plan was completed in 1991 and the Recreation Master Plan for Service Delivery in 1996. Both studies included extensive public input to determine the community's vision. Each plan included significant focus on the riverfront as a major focal point for community and regional activities and public spaces. The success of the plans is proven by the many recommendations that have been implemented due to the strong public support.



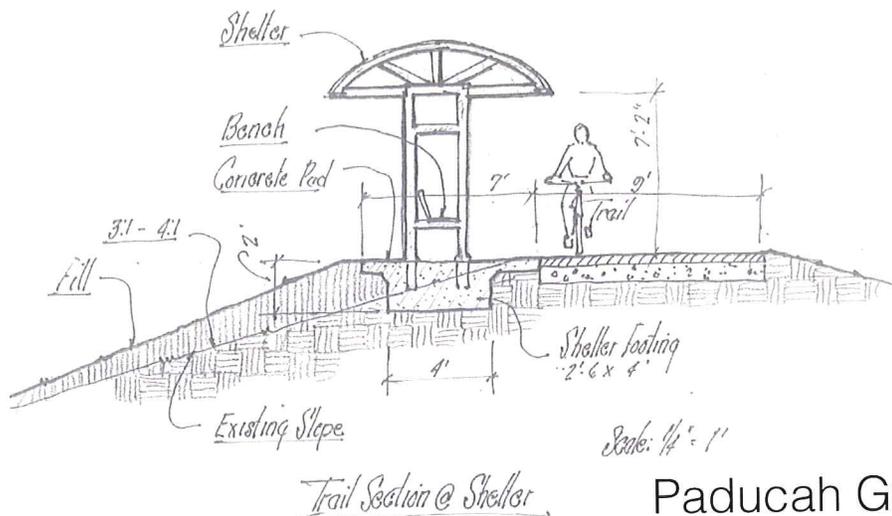
## Parks and Recreation Master Plan and Update Boone County, Kentucky

The Project consisted of a Strategic Plan for the acquisition and development of parks in this rapidly growing county. Surveys of over 400 residents, workshop and focus groups were used to determine the future needs. The Plans' recommendations include several new county, community and neighborhood parks, greenways and natural areas that should be preserved. A citizen's committee assisted in the review of the plan and establishment of priorities for implementation. The original Master Plan was completed in 2000 and an update was completed in 2006. The update process included several meetings with stakeholder groups, a review of the accomplishments from the previous plan, and a re-evaluation of the goals and recommendations.



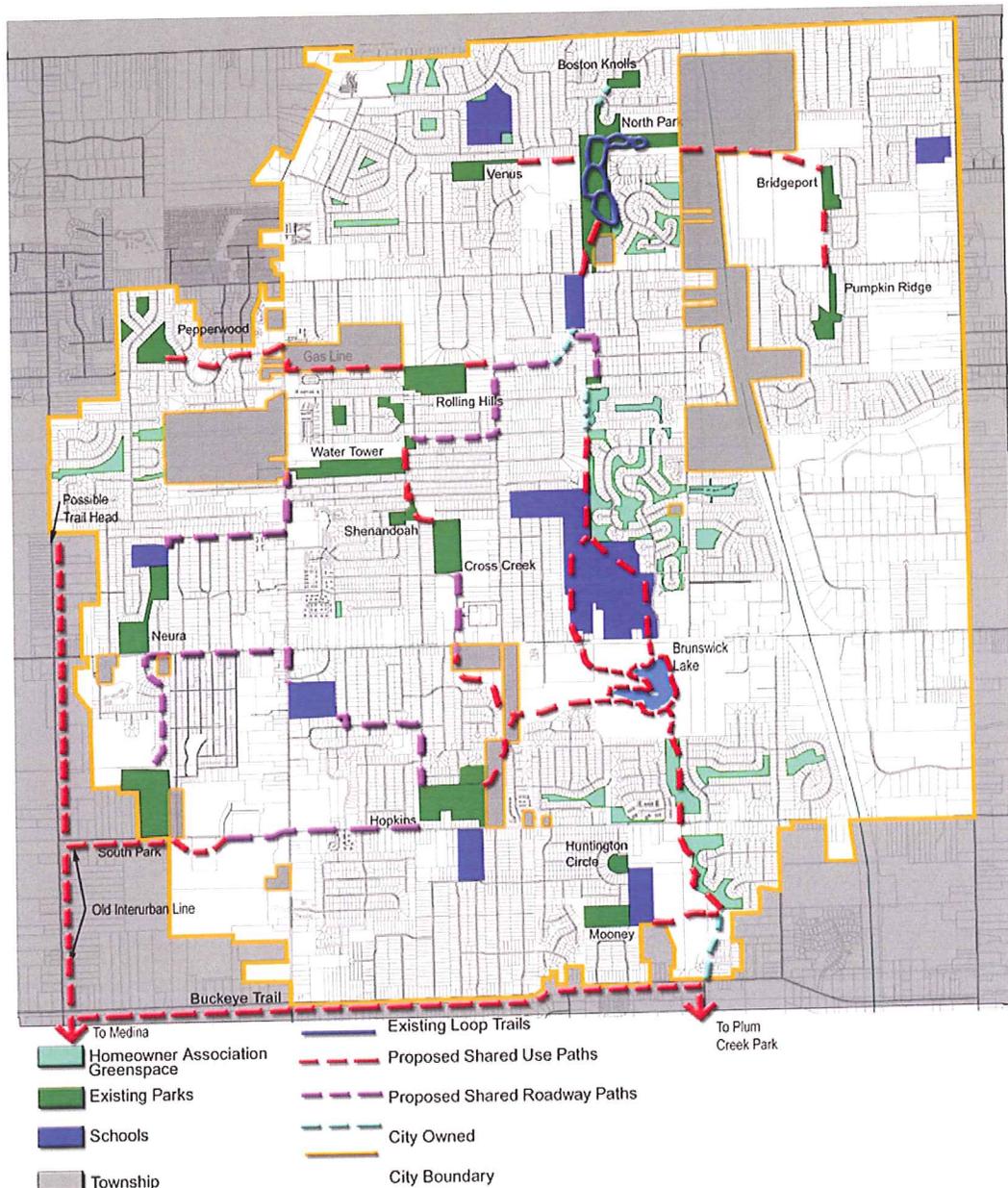
## Parks and Greenways Master Plan Paducah, Kentucky

Brandstetter Carroll Inc. completed a Comprehensive Plan for Parks, Recreation and Greenways for Paducah and McCracken County. The community's vision includes a community/recreation center, aquatic center, sports field complexes, neighborhood and community park improvements, skate park, and a comprehensive trail linkage system. Extensive public input was used to develop consensus on the community visions.



## Paducah Greenway Trail Paducah, Kentucky

Brandstetter Carroll Inc. completed a Comprehensive Plan for Parks, Recreation and Greenways for Paducah and McCracken County and then was selected to design the Phase I implementation of the Greenway. Phase I includes 1.6 miles of paved trail on top of the existing flood control levee extending from Bob Noble Park to Downtown Paducah on the west side of town. This phase included two rest stations with shelters, a restroom building, and various access points and ramps to the top of the levee. A study was also performed to evaluate alternative routes for a portion which may need to be on street level, below the levee. A study with the Paducah Planning Commission on alternative routes on the east side of town was also conducted.

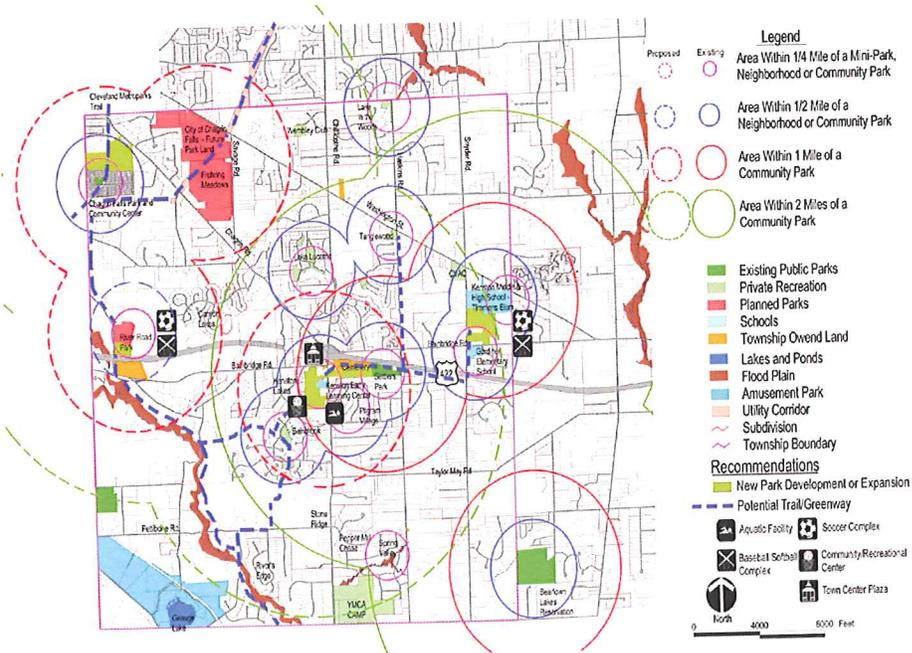


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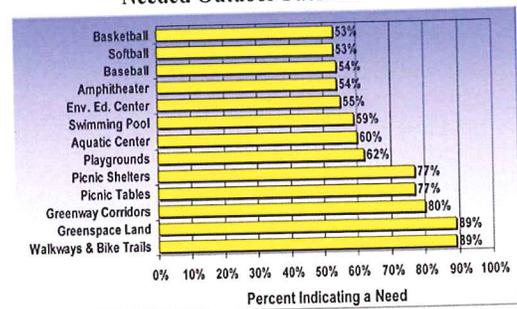
*Brunswick*  
Parks & Recreation

## Brunswick Trails Plan Brunswick, Ohio

Brandstetter Carroll Inc. performed a city-wide master plan that illustrated proposed routes of bike and hike trails to connect the neighborhoods, parks and schools. Various funding sources are begin pursued at this time.

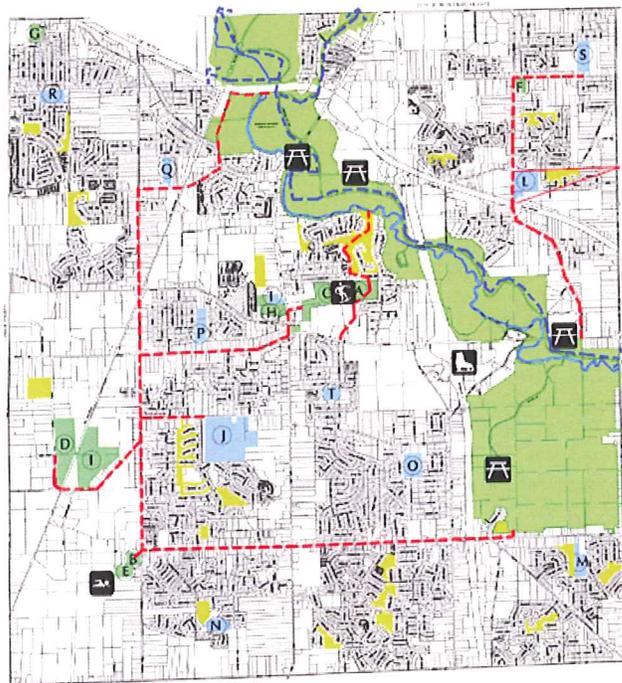


Needed Outdoor Facilities



## Bainbridge Township Parks, Recreation and Greenways Master Plan Bainbridge Township, Ohio

Bainbridge Township is anticipating growth from approximately 11,000 residents to a maximum of 15,000. Brandstetter Carroll Inc. worked with the community to develop a long range vision to expand their existing Parks and Recreation system to include a new town center park with a community/recreation center, aquatic facility and neighborhood gathering space. A system of greenways and bike/hike trails will be provided to connect the parks, schools, neighborhoods and community facilities. Additional recreation and community athletic facilities were recommended to support the growing programs of the Township. A follow-up study was prepared to identify the space needs and develop program for the proposed recreation/community center.



LEGEND

EXISTING CITY PARKS

- A. STRONGSVILLE RECREATION AND SENIOR COMPLEX
- B. STRONGSVILLE RECREATION AND HEALTH CENTER
- C. STRONGSVILLE RECREATION PARK #1
- D. FOLTZ INDUSTRIAL RECREATION PARK #2
- E. DRAKE ROAD RECREATION PARK #3
- F. SURRARRER PARK
- G. JIM NICHOLS FIELD ON SPRAGUE RD.
- H. ATHLETIC FIELDS
- I. VOLUNTEER PARK

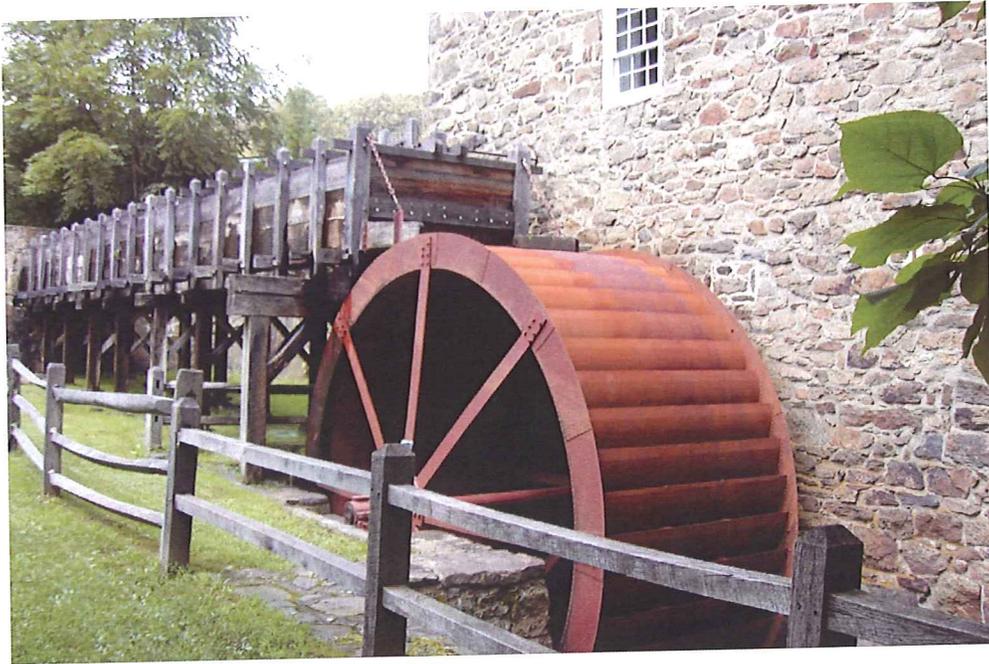
SCHOOLS

- J. STRONGSVILLE HIGH SCHOOL
- K. CENTER MIDDLE
- L. ALBION MIDDLE
- M. HOWARD CHAPMAN ELEMENTARY
- N. BESSIE KINSNER ELEMENTARY
- O. ALLEN ELEMENTARY
- P. MURASKI ELEMENTARY
- Q. DRAKE ELEMENTARY
- R. SURRARRER ELEMENTARY
- S. WHITNEY ELEMENTARY
- T. ZELLERS ELEMENTARY

- EXISTING PARKS
- METROPARKS
- SCHOOLS
- PRIVATE RECREATION/PARK/GREEN SPACE
- EXISTING METROPARKS TRAIL
- POTENTIAL LINKAGE OF PARKS, SCHOOLS, NEIGHBORHOODS AND TOWN CENTERS
- METROPARK PICNIC AREA
- PROPOSED SKATEPARK
- PROPOSED FAMILY AQUATIC CENTER
- PROPOSED ICE SKATING CENTER

## Master Plan for Recreation Services Strongsville, Ohio

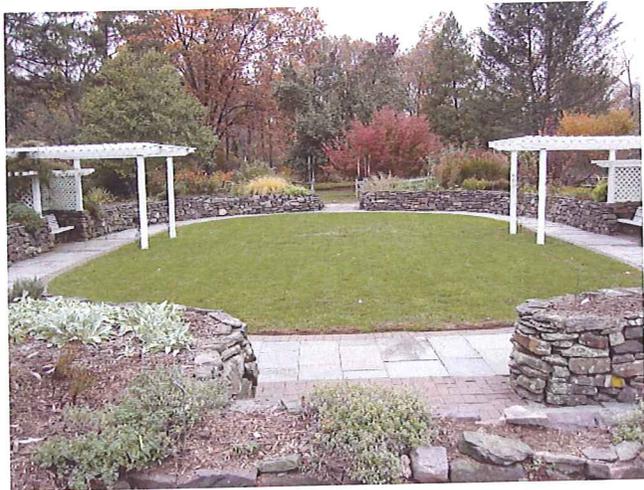
Comprehensive Master Plan for a growing suburb of Cleveland. Recommendations based upon public input include: upgrades to existing parks; a community wide trail system; and a family aquatic center.



## Morris County Park Commission Strategic Plan Morris County, New Jersey

The Strategic Plan is the first part of a 2-phase process that will result in a Comprehensive Master Plan for the Morris County Park Commission. The county has a population of 470,000 residents. The Park Commission System includes 31 sites with a total of 13,691 acres. Facilities include historic sites, golf courses, environmental education facilities, horticultural sites, a marina and a sports arena.

Brandstetter Carroll Inc. led a team of consultants in a citizen driven process that involved a steering committee, stakeholder interviews, focus groups, public forums, user group surveys and a statistically valid household needs assessment. The process involved benchmarking at a national and regional level. Recommendations defined the Park Commission's role in the county wide parks, recreation and open space network, the desired market niches, establishment of priorities for facilities, programs and services and level of service standards for the county.



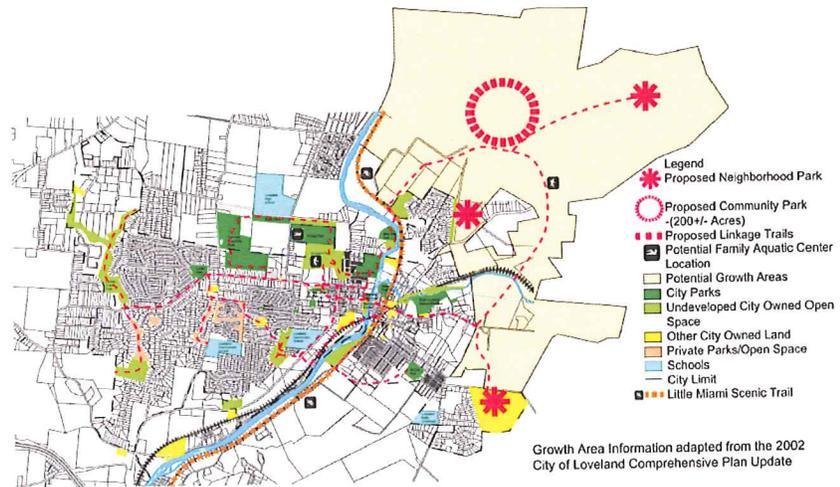
## Capital Facilities Plan Somerset County Park Commission Somerset County, New Jersey

Brandstetter Carroll Inc. assisted the Somerset County Park Commission in the development of a Capital Facilities Plan. The process involved an inventory and evaluation of existing facilities, statistically valid household needs assessment to determine needs and priorities, development of level of service standards and a long range capital plan. The current system includes over 10,000 acres and includes five golf courses, three general use parks, sixteen less developed parks, an environmental education center, stables, swimming pool and extensive trail system.



## Frankfort Parks and Recreation Master Plan Frankfort, Kentucky

Comprehensive System Master Plan for Kentucky's Capital City. The park system included 600 acres on ten parks. The recommendations included replacement of two older, outdated swimming pools with a new family aquatic center and the plan illustrated improvements to all of the parks in response to the needs of the community.



## Loveland Parks and Recreation Master Plan City of Loveland, Ohio

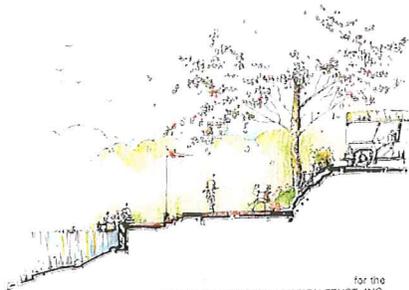
This project resulted in a city-wide parks and recreation master plan with recommendations based upon an extensive public participation process. Major recommendations included:

- New outdoor family aquatic center
- Future indoor recreation center
- Improvements to existing parks
- Trail connections to link parks, schools, neighborhoods and the Little Miami Trail
- Establishment of a Parks and Recreation Department
- Acquisition of park land in future annexation areas.

The Plan provided several funding scenarios for implementation. Brandstetter Carroll Inc. has been selected for a follow-up study of the feasibility for an outdoor family aquatic center and an indoor recreation center.



**ACTION PLAN**  
**CLEAR CREEK GREENWAY**  
SHELBYVILLE  
SHELBY COUNTY, KENTUCKY



for the  
CLEAR CREEK CONSERVATION TRUST, INC.  
by  
BRANDSTETTER/CARROLL, INC.  
in Association with  
BURRY AND MIXES, INC.

JUNE, 1993

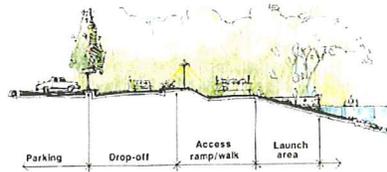


Figure 9  
Typical Canoe Launch Section

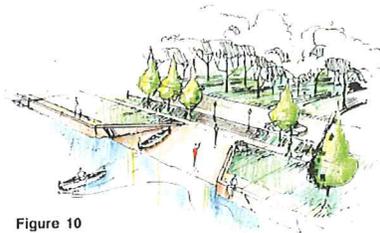


Figure 10  
Typical Canoe Launch Sketch

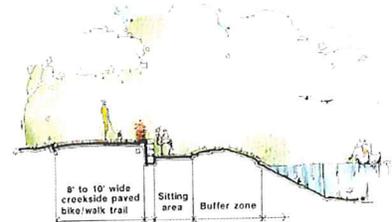


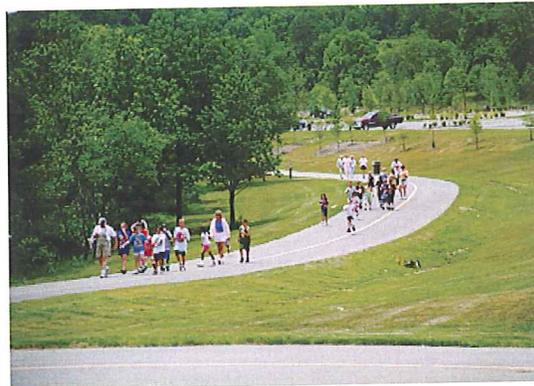
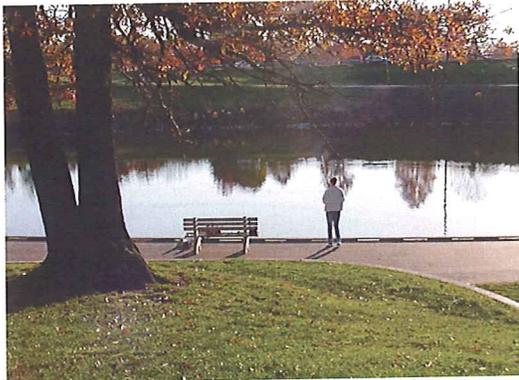
Figure 12  
Typical Creekside Trail in Floodplain



Figure 13  
Typical Creekside Trail on Side Slopes

## Clear Creek Greenway Master Plan Shelbyville, Kentucky

Clear Creek bisects Shelby County and surrounds the City of Shelbyville. The Clear Creek Conservation Trust selected Brandstetter Carroll Inc. to assist them in the preparation of a Greenway Master Plan. The citizens formed the Trust to encourage public awareness, stewardship and enjoyment of this very special natural resource. The Citizens of Shelby County worked with the consultant to develop a "vision" for the future of the Greenway and to identify opportunities and constraints toward the implementation of the "vision". The creek corridor was analyzed in the field on foot, by canoe and also by air, as well as an analysis of aerial photographs. The natural and cultural features throughout the corridor were identified. The focus of the plan was an 8-mile corridor in the vicinity of the City of Shelbyville. The plan recommended locations for trails, typical design sections, and an Action Plan. The Action Plan included the implementation strategies in a timetable format, which also identified the responsible parties and the potential funding sources.

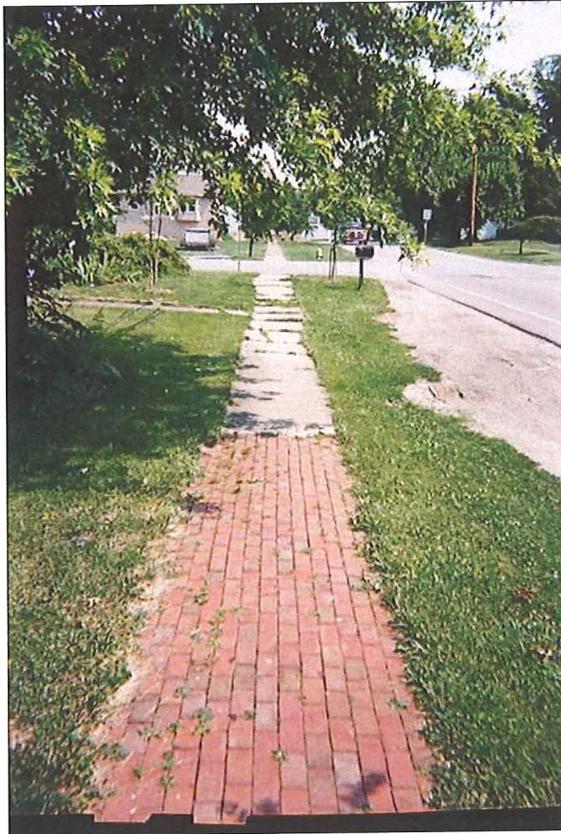


## Winton Woods Harbor Renovation Cincinnati, Ohio

This project includes the re-design of Winton Woods Harbor Point, along with trails, game fields and lake improvements at a cost of \$6 million. Harbor Point is the focus of the 4500-acre park with a visitor education center, water playground, floating docks and an excursion boat. This project blends environmental education, active recreation, water-oriented activities and conservation into a facility that receives over 300,000 people annually. A main attraction is the 1.6 mile multi-use trail along the lake shore and two bridges.



Projects  
Part 2



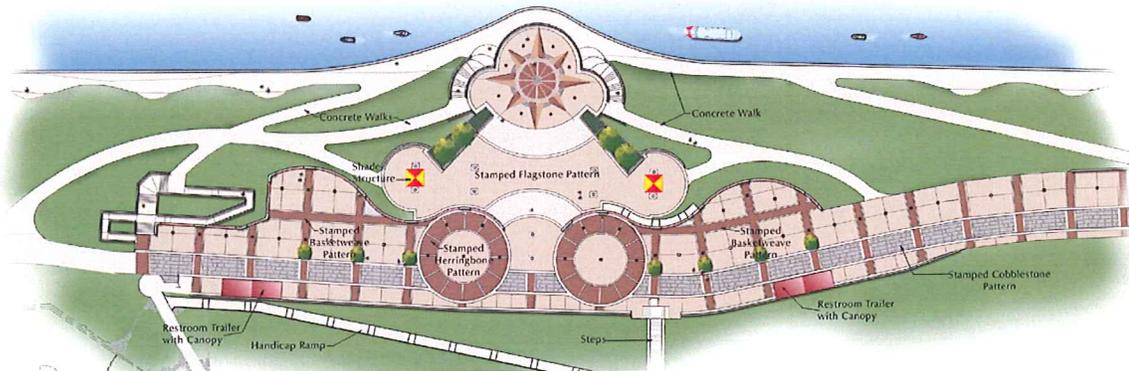
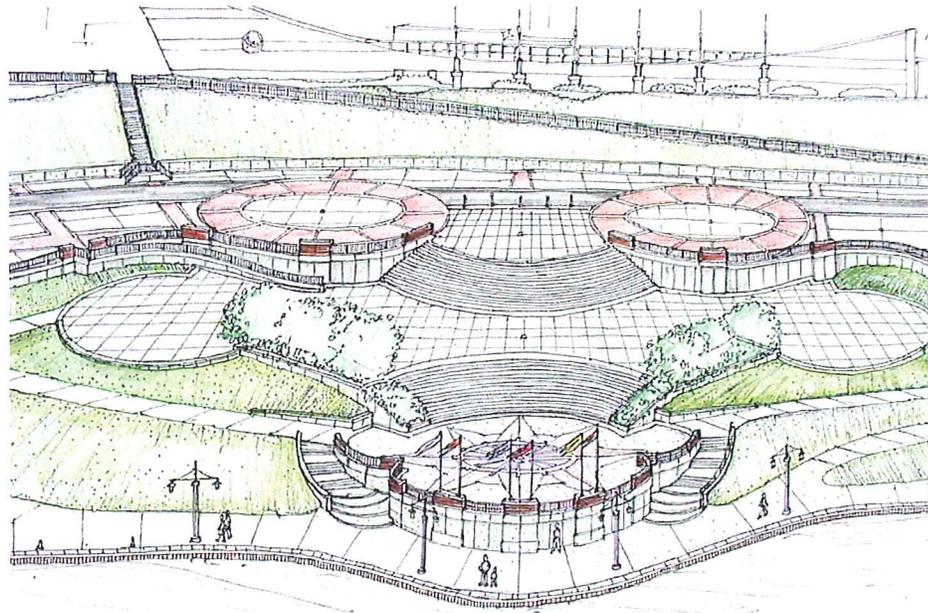
Before



After

## Historic Burlington Sidewalk Improvements Burlington, Kentucky

Brandstetter Carroll Inc. provided general engineering services to the City of Burlington, KY through their participation in the Transportation Enhancement funding, as granted by the Commonwealth of Kentucky. The scope of the project is to design sidewalk improvements through the Historic Downtown Burlington and provide a vital pedestrian link from nearby neighborhoods to the downtown area. The sidewalk improvements also include elements of traditional streetscape features with the addition of street lighting and landscaping to selected areas of downtown. Additional intersection improvements just north of downtown are being explored with both KTC and the County Engineer. Several alternatives have been developed and a preferred alternative will be selected after the completion of a public hearing. KTC has been presented with all the alternatives and is open to having major improvements completed on their route. The preliminary cost estimates show that the overall cost of this project is about \$1,000,000.



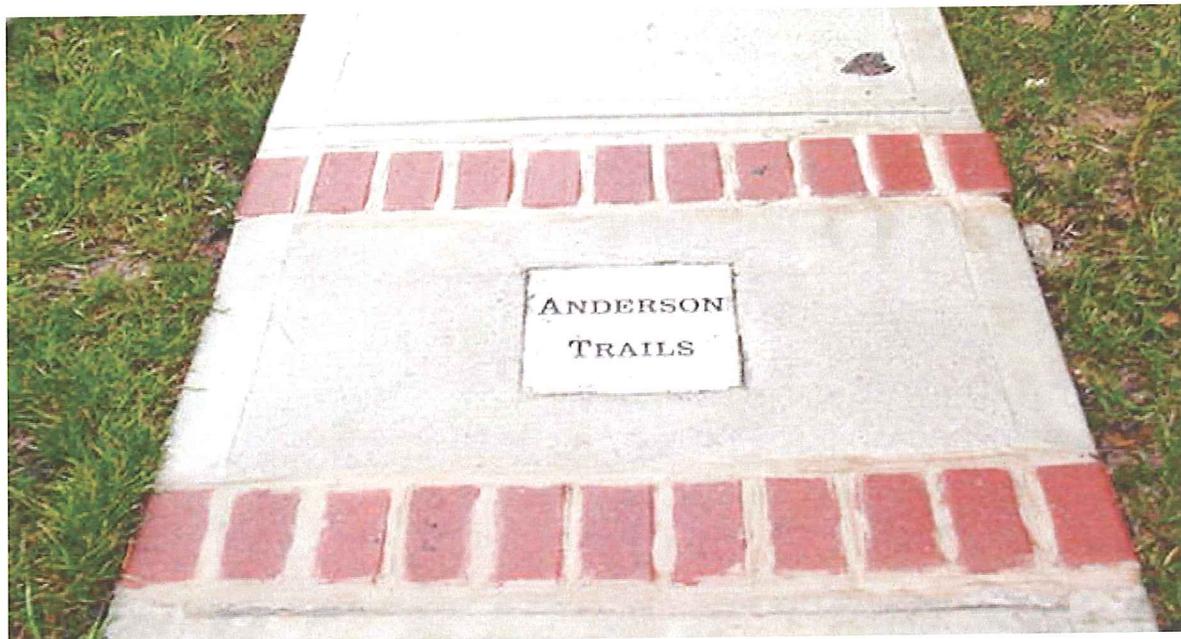
## Newport Riverfront Festival Park Newport, Kentucky

Brandstetter Carroll Inc. provided planning and design services for the development of the Newport Riverfront Improvements. The proposed festival and event venue will be located between the Taylor Southgate Bridge and the L&N Bridge, just below the Newport Aquarium and the Newport-on-the-Levee retail and entertainment development. The Park will be complete with a riverfront walk, pedestrian and bicycle avenue, plaza space, event infrastructure, floodwall openings, restrooms and an overlook stage along the Ohio River. This area will host events such as Italian Fest, Newport Arts Festival, Riverfest, Tall Stacks, Seafood Fest, concerts and many other activities. The park site also serves as the foreground to the Newport Aquarium and Newport-on-the-Levee. Phases I and II were completed in 2005 at a cost of \$1.3 million. The overall park will cost \$13.2 million.



## L & N Pedestrian Bridge Newport, Kentucky

Brandstetter Carroll Inc. provided Professional Engineering Services for the transformation of the L&N Bridge. The bridge use to be a vehicular and railroad bridge connecting the City of Newport, Kentucky and Cincinnati. Brandstetter Carroll Inc. performed the topographic survey, civil engineering design, bridge survey and construction administration for the 2,000 l.f. bridge. In addition to repaving the bridge, flower beds and benches were added to the structure, and a distinctive purple paint was applied making this a unique change to the Cincinnati Landscape.



## Anderson Trail Projects Anderson Township, Ohio

In 2000, Brandstetter Carroll Inc. was selected by the Anderson Township Trustees to provide the Design Services for the Hunley Road Anderson Trails Sidewalk (1,400 l.f.) This project was followed up by the Eight Mile Road project (2,400 l.f.) in 2001 and the Forest Road project (3,400 l.f.) in 2002.

In 2003, Brandstetter Carroll Inc. provided surveying and design services for sections of sidewalk on Burney Lane, Little Dry Run Road and Clough Pike (800 l.f.). Brandstetter Carroll Inc. also provided a set of bid documents for sidewalk repairs in the Summit Estates subdivision in 2003.



## Beachwood City Park – West Side Implementation Beachwood, Ohio

Mr. Parker worked with the City of Beachwood to complete the Beachwood City Park West, a passive recreation area developed on the Shaker Boulevard median. The park includes 1.6 miles of trails, consisting of 8-foot wide asphalt multi-purpose trails allowing for bicycling, walking, running, and skating, 6-foot wide gravel nature trails for hiking, a sledding hill, two parking areas with 18 parking spaces each, and an open air shelter with room for 40-50 people including a unisex restroom, a drinking fountain, and a pay phone.

Trails meander through wooded areas and alongside wild flower meadows and preserved and restored wetlands. Sensitive plant communities were identified throughout the site during the design and were protected during construction.

A wood staircase provides access from the upper level near the 70-foot slop sledding hill to the lower central area of the park, adjacent to the gravel trails. Wood boardwalks cross ephemeral streams along the trail. Landscaping focuses on screening parking areas, beautifying the park entry areas and restoration enhancement of wetlands.

\*This project was designed by Brandstetter Carroll Inc.'s Vice President, Mr. Richard T. Parker, while with schmidtcopelandparkerstevens.



**LEGEND KEY**

- (A) Retaining Wall
- (B) Multi-Purpose Field
- (C) Youth Baseball/Softball Field
- (D) Miracle Field
- (E) Playground
- (F) Picnic Shelter
- (G) Half Basketball Court
- (H) Steps/Handicap Accessible Ramp
- (I) Maintenance Building
- (J) Youth Baseball/Softball Field
- (K) Baseball/Softball Field
- (L) Baseball Field
- (M) Batting Cages
- (N) Walking Track
- (O) Walking Paths
- (P) Parking
- (Q) Ticket Booth
- (R) Restroom/Concession Building

## Charles Pointe Park Bridgeport, West Virginia

Brandstetter Carroll Inc. worked in conjunction with Thrasher Engineering to provide the City of Bridgeport with a Master Plan for the 40 acre park. Proposed features include a four field baseball complex, youth baseball field, Miracle League Field, large multi-purpose rectangular field, 2 playgrounds, picnic shelters, basketball court, and walking trails. The mass grading project has been bid and will require major cuts and fill to complete the project.



## Colerain Park Expansion Colerain Township, Ohio

The project included a Master Plan and Construction Documents for renovations and expansion of the existing park. New facilities include an amphitheater, picnic shelters, baseball fields, trails, a boardwalk and basketball court. The park was completed in 2003 at a cost of \$1.9 million.



## Elizabethtown Nature Park Master Plan Elizabethtown, Kentucky

Brandstetter Carroll, Inc. provided the City of Elizabethtown with a Master Plan for a 104-acre nature park. The purpose of this park is to serve as a passive park and outdoor environmental education center. Proposed facilities include a nature center, amphitheater, shelters, trails, wetland and ponds.



## Sidewalk/Bikeway Projects Madeira, Ohio

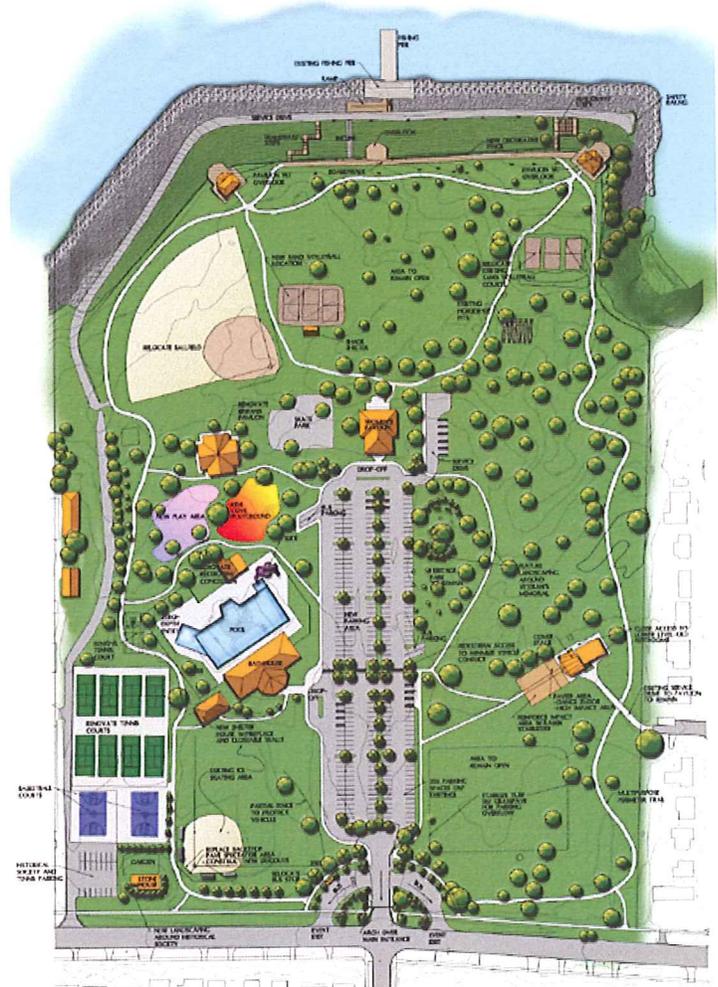
Over the past 10 years, Brandstetter Carroll Inc. has been involved in three major sidewalk/bikeway projects in the City of Madeira. The Kenwood Road Bikeway was designed in conjunction with the reconstruction of Kenwood Road (total length is 8000 l.f.).

A year later, the reconstruction plans for Dawson Road included 3500 l.f. of sidewalk/bikeway. A portion of this project is immediately adjacent to the roadway pavement. Other sections are divided by a 5 to 10 foot grass berm.



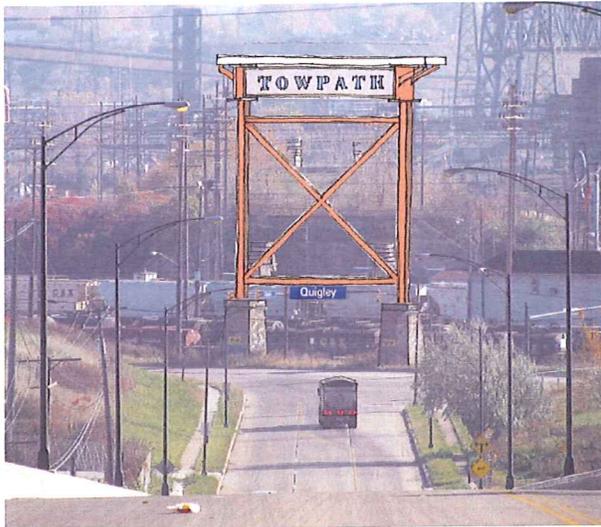
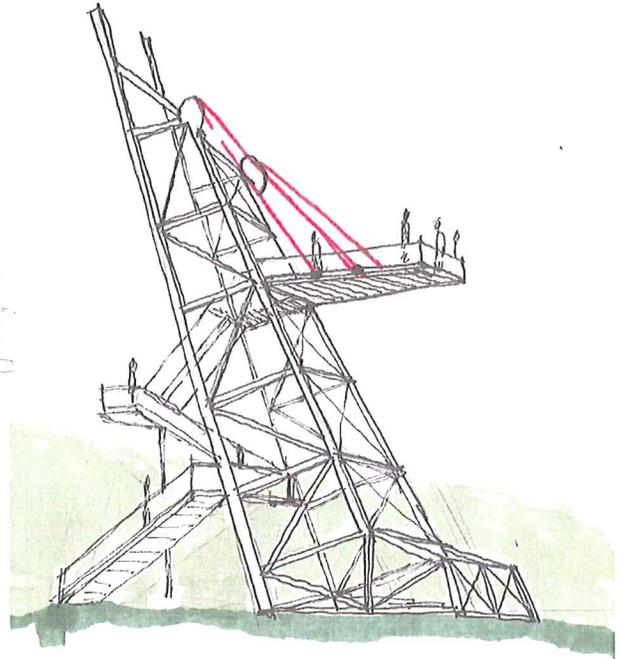
## William F. Miles Park Master Plan Louisville and Jefferson County, Kentucky

This Master Plan for a new 130-acre park places emphasis on habitat restoration, passive activities and outdoor education. The Plan includes 6 lakes, 2 constructed wetlands, canoe launch, extensive trails, shelters, overlooks and multi-purpose farm. The large barn will be converted to an interpretive education center and the silos will become observation stations. The estimated construction cost is \$3.7 million.



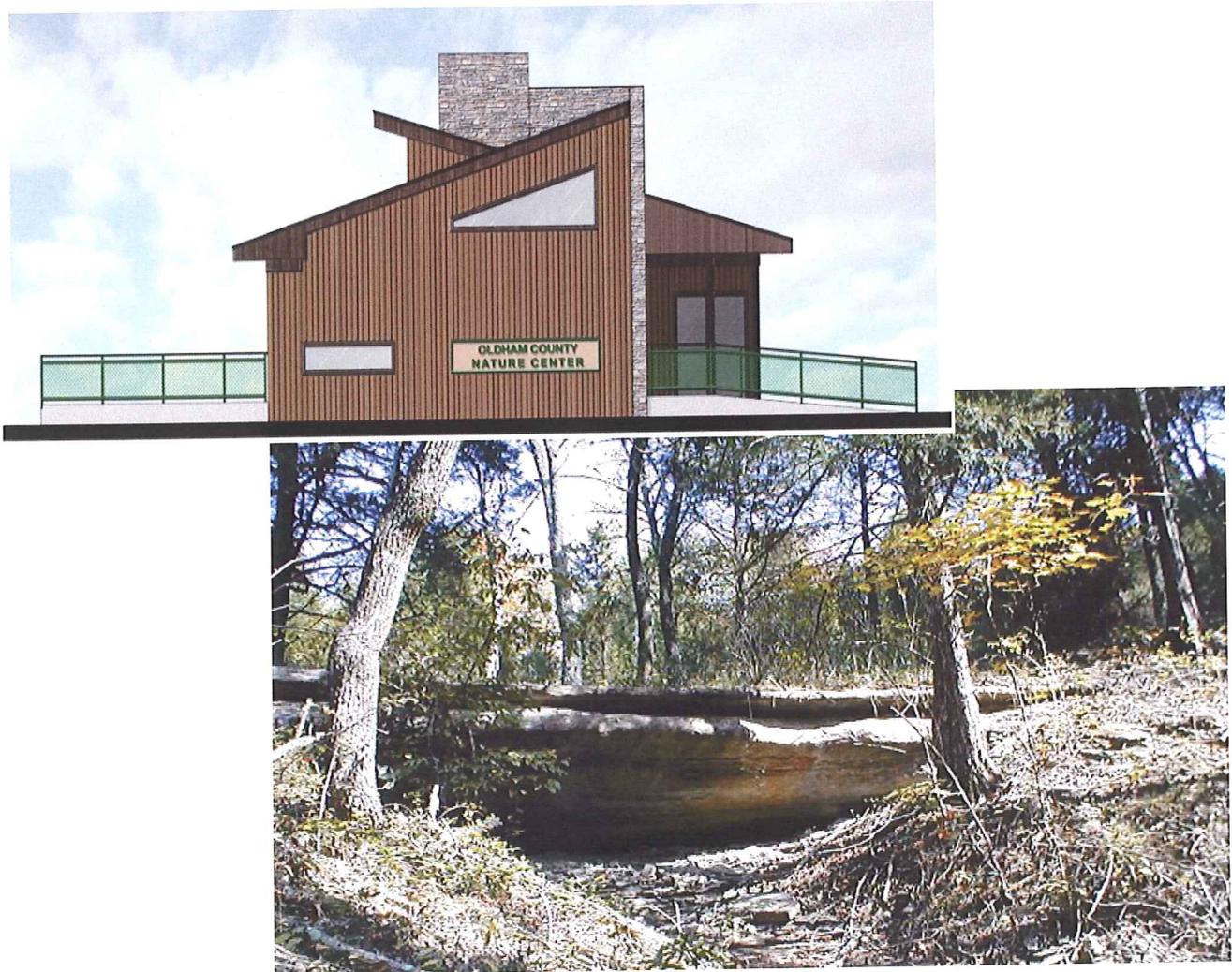
## Lakewood Park Master Plan Lakewood, Ohio

Brandstetter Carroll Inc. conducted a Master Plan for improvements to the City's existing parks with emphasis on Lakewood Park, the City's signature lakefront park. The main recommendations include consolidation of parking, an expanded aquatic center, Lake Erie overlooks and boardwalk, walkways, lakefront access, skatepark and a large community playground.



## Towpath Trail Stage 3 Cleveland, Ohio

These unique elements for the Towpath Trail Stage 3 project are representative of visioning conversations with the Project Stakeholder Team for this very significant section of the 100 mile long system. The renderings depict the proposed structures that are in consideration for the trail. The building is primarily a major trailhead structure for restrooms and shelter. The steel manufacturing structures on the opposite side of the river provided the inspiration for the interpretation in a small footprint. The overlook structure is a more general translation of a lift bridge found along the river bank, and rises 100 feet tall, and will provide a dramatic 360 degree view of Cleveland. The total estimate for these three structures has not yet been determined.



## Morgan Conservation Park Oldham County, Kentucky

Brandstetter Carroll Inc. worked with the Oldham County Fiscal Court and Parks and Recreation Department on the development of a master plan for the 228-acre Morgan Conservation Park located in northern Oldham County. The county purchased the property with Heritage Land Conservation Funds. The master plan process included detailed analysis, mapping of elevations, slopes, significant trees, existing trails, and an inventory of the key flora and fauna throughout the property. This analysis led to the master plan which included a detailed signage plan for the trails and interpretive features, a trails plan, assistance with the development of the signage, and GPS layout of the proposed trails. A phased action plan was completed to identify key steps to be taken towards the successful implementation of the master plan.



Experience



## Kentucky Parks and Recreation Clients

Alexandria	Lawrence County	Oldham County
Anderson County	Lawrenceburg	Owensboro
Bardstown	Lebanon	Paducah
Berea	Lexington	Pulaski County
Boone County	Lincoln County	Richmond
Bourbon County	Livermore	Rowan County
Bowling Green	Livingston County	Salyersville
Camargo	Louisville-Jefferson County	Science Hill
Campbell County	Madison County	Shelbyville-Shelby County
Covington	Madisonville	Somerset
Crescent Springs	Magoffin County	Stanford
Danville-Boyle County	Marshall County	Versailles
Daviess County	Martin County	Villa Hills
Elizabethtown	Mayfield-Graves County	Warren County
Estill County	Menifee County	Winchester
Florence	Mercer County	Wolfe County
Ft. Mitchell	Midway	Woodford County
Ft. Thomas	Mt. Sterling - Montgomery County	
Georgetown- Scott County	Muhlenberg County	
Grant County	Murray-Calloway County	
Greenville	Newport	
Henry County	Nicholas County	
Hopkinsville	Nicholasville- Jessamine County	
Jeffersonville Kenton County		



## Parks and Recreation System Master Plans

2010	Muhlenberg County, Kentucky	2000	Kenton County, Kentucky
2009	Beavercreek City and Township, Ohio	2000	Trotwood, Ohio
2009	Newnan, Georgia	2000	Newport, Kentucky
2008	Liberty Township, Ohio	1999	Independence, Ohio
2007	Mt. Sterling-Montgomery County, Kentucky	1998	Vermillion, Ohio
2007	Oldham County, Kentucky	1998	Moraine, Ohio
2007	Middletown, New Jersey	1998	Nicholasville-Jessamine County, Kentucky
2007	Princeton, New Jersey	1998	Warren County, Kentucky
2006	Georgetown-Scott County, Kentucky	1997	Fairview Park, Ohio
2006	Boone County, Kentucky Update	1997	Barberton, Ohio
2005	Loveland, Ohio	1996	Medina, Ohio with Medina Township and Montville Township
2005	Somerset County, New Jersey	1996	Cincinnati Recreation Commission
2004	Murray-Calloway, Kentucky	1994	Perrysburg, Ohio
2003	Morris County, New Jersey	1993	Lebanon/Turtle Creek Township, Ohio
2002	Dayton, Ohio	1991	Madisonville, Kentucky
2002	Madison County, Kentucky	1991	Newport, Kentucky
2002	Frankfort, Kentucky	1990	Wyoming, Ohio
2002	Paducah-McCracken County, Kentucky	1990 – 1992	Cincinnati Parks and Greenways Master Plan
2001	Strongsville, Ohio	1989	Edgewood, Kentucky *
2001	Boardman Township, Ohio	1989	Danville, Kentucky *
2001	Bainbridge Township, Ohio	1987	Georgetown/Scott County, Kentucky
2001	Campbell County, Kentucky	1985	Huntington, West Virginia *
2001	Ft. Thomas, Kentucky	1985	Bowling Green, Kentucky
2001	Florence, Kentucky	1984	Upper Sandusky, Ohio
2000	Lakewood, Ohio	1982	Clermont County, Ohio
2000	Boone County, Kentucky		

\* By staff members prior to joining the firm



## Greenway and Trail Projects

project	program
Bike, Pedestrian and Greenway Trails Master Plan Oldham County, Kentucky	Master Plan for a comprehensive, County-wide system of shared use paths, bike lanes and greenway trails.
Paducah Greenway Phase 2 Paducah, Kentucky	Construction Documents for 1.6 miles of paved greenway trail on top of an existing flood control levee extended from near Noble Park to downtown. Included a restroom building and trailside shelters.
Cynthiana-Harrison County Park Cynthiana, Kentucky	Two miles of paved trails within a new 100-acre community park using National Recreation Trails Grant funds.
Paducah Greenway Plan Paducah, Kentucky	City-wide greenway plan and phase one plans for a community-wide trail system. The first phase will utilize the flood control levee.
Brunswick Trails Master Plan Brunswick, Ohio	City-wide Trails Master Plan to link parks, schools, neighborhoods and community facilities.
Millennium Park Danville, Kentucky	Development of over two miles of trails in a 135-acre park.
Mills Road Park Kenton County, Kentucky	Development of approximately two miles of trails in a 100-acre park.
Miles Property Park Louisville & Jefferson County Parks Department	Several miles of trails in a new 130-acre nature park. Trails are planned for various levels of access. Portions follow Floyd Fork.
Clear Creek Greenway Master Plan Shelbyville, Kentucky	Eight-mile greenway through rural and urban area. Linked parks, schools, neighborhoods and downtown.
Winton Woods Harbor Renovation Hamilton County, Ohio Park District	1 ½ mile pave bike/hike trail around a lake. Involved one new bridge and expansion of an existing bridge.
Cincinnati Parks & Greenways Master Plan Cincinnati Park Board	Comprehensive Parks, Greenways and Open Space Master Plan. Included several miles of bike trails, nature trails and hiking trails.
Cascade Park Master Plan Elyria, Ohio	Plan for 150-acre nature park in gorge area. Included several miles of bike trails, nature trails and hiking trails.
Reading Mill Creek Trail Reading, Ohio	Trail along Mill Creek using state grant funding.
Wyoming Bikeway Plan Wyoming, Ohio	Assisted the City in plans for a bike trail along the Mill Creek. Several options were analyzed.



## Greenway and Trail Projects

project	program
City-wide and County-wide Park and Recreation Master Plans that included city and county-wide trail system plans:	Paducah, Kentucky Boone County, Kentucky Frankfort, Kentucky Boardman, Ohio Medina, Ohio Perrysburg, Ohio Newport, Kentucky Wyoming, Ohio Lebanon, Ohio Madison County, Kentucky Madisonville, Kentucky Warren County, Kentucky Strongsville, Ohio Ft. Thomas, Kentucky Bainbridge Township, Ohio Beavercreek, Ohio Liberty Township, Ohio Princeton, New Jersey
<b>Projects by staff members prior to joining the firm:</b>	
Bandy Creek Recreation Area Big South Fork Nation River and Recreation Area – Tennessee	Design of campground, 2-½ mile Class I bike trail, equestrian trail, and hiking trails.
Red River Gorge Interpretive Plan U.S. Forest Service	Interpretive plan for the Geologic areas and included analysis of trail system.
U.S. Army Corps of Engineers Lake Recreation Master Plans that involved planning of bike, nature and equestrian trail systems:	Central Hill Lake, Tennessee Old Hickory Lake, Tennessee J.H. Kerr Reservoir, Virginia and North Carolina Deer Creek Lake, Ohio Dillon Lake, Ohio Delaware Lake, Ohio Grayson Lake, Kentucky Stonewall Jackson Lake, West Virginia Paintsville Lake, Kentucky Yatesville Lake, Kentucky



## Bikeway & Trail Projects

project/client	year	linear feet	construction cost
Paducah Greenway Trail Paducah, Kentucky	2010	1.6 miles	\$600,000
Oak Grove Park Trail Centerville-Washington Park District, Ohio	2005	18,854	\$340,000
Cynthiana-Harrison County Park Trail Cynthiana, Kentucky	2005	9,819	\$150,000
Sycamore Township Nature Park Sycamore Township, Ohio	2004	4,400	
Florence Government Center Bikeway Florence, Kentucky	2003	2,000	N/A
Perkins Creek Trail Paducah, Kentucky	2002	1,300	
Millennium Park Trail Danville-Boyle County, Kentucky	2000	20,000	
Winton Woods Harbor Renovation Hamilton County Park District	1997	8,000	\$259,000
Stepping Stones Park Trail Upper Sandusky, Ohio City-Wide bicycle program through ODOT	1995		
Clyde Community Park Trail Clyde Ohio	1995		
Dawson Road Bikeway Madeira, Ohio	1994	3,500	\$ 250,000
Kellogg Avenue Bikeway Path Hamilton County Engineers Anderson Township Trustees	1994	8,200	\$550,000
Newport Bike Path, ISTEPA Grant	1994		
Kenwood Road Bikeway Madeira, Ohio	1993	8,000	\$600,000
Campbellsville, Kentucky Bikeway	1993	7,000	\$2,000,000
Beaver Creek Bike/Walking Path	1993		
Clear Creek Greenway Action Plan Shelbyville, Kentucky	1992	8 miles	
Bellevue Cycling Trail/Center Bellevue, Kentucky	1992		\$750,000



## Public Participation and Community Involvement

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Team members of Brandstetter Carroll, Inc. strongly believe that public participation is a key portion of the planning and design phase of any public project. The final plan **must** reflect the needs of the community and of the individuals that will use, support and maintain the recreational trails for them to be successful. Our commitment to this philosophy is evident from the many examples listed below of public participation and involvement on recent projects. Nearly every park and recreation project planned by Brandstetter Carroll Inc. includes an element of public participation to build consensus and support. In addition, Mr. Patrick Hoagland, ASLA and Lawrence Brandstetter, AIA have recently made presentations to the State Parks and Recreation Associations in Ohio, Kentucky, Tennessee and New Jersey on the subjects of "Citizen Driven Planning - The Key to Successful Park Development" and "Service Delivery Master Planning".

### **Cincinnati Recreation Commission Master Plan for Service Delivery**

The overall objective of the Master Plan for the Cincinnati Recreation Commission was to provide community based direction for the future of the Cincinnati Recreation Commission. Their existing system included over 200 individual sites with 28 Community Centers, 48 Swimming Pools, and over 100 Playgrounds. Cincinnati is a community of neighborhoods; therefore, the Master Plan process strived to involve individuals at the neighborhood level. The public input in this process involved the following:

- 659 telephone interviews with the general population to determine awareness, usage and priorities.
- 308 interviews with current CRC program users.
- 26 neighborhood meetings.
- 16 roundtable discussions with focus groups.
- Involvement with a 20 person Advisory Committee to provide guidance and feedback throughout the process.

### **Cincinnati Parks and Greenways Master Plan**

Brandstetter Carroll Inc. in conjunction with other firms recently completed this two-year effort to prepare for the future of Cincinnati's parks. Throughout the planning process, public input was the driving force for the recommendations of the plan. Public input was received through several methods including:

- 2,000 household telephone surveys.
- Series of meetings with neighborhood council representatives from 53 separate neighborhood councils. These meetings involved a series of three meetings for groups of neighborhoods within geographic areas of the City. This resulted in the need for at least nine public meetings.
- Focus groups with a professional facilitator to determine specific areas of improvement that are necessary.
- Interviews with City and Parks Department staff members to obtain information and guidance from the persons who will program and maintain the parks.
- Involvement of a 20 person advisory committee, which was involved at several stages of the planning process to provide input and guidance as well as feedback for the plan's recommendations.



## Public Participation and Community Involvement

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### **Clear Creek Greenway Master Plan, Shelbyville, Kentucky**

Public Participation included three public meetings. The first meeting was a "Visioning" session to dream what the Greenway could be. Subsequent meetings involved presentations of preliminary plans for public comments.

### **Morris County Park Commission Strategic Plan, Morris County, New Jersey**

- Four regional public workshops.
- 800 household mail/phone surveys.
- User group surveys.
- Stakeholder interviews.
- Focus groups.
- Historical benchmarking to similar systems.
- 

### **Dayton Master Plan, for Parks, Recreation and Culture (Ohio)**

Public participation included:

- A series of two public workshops in each of the City's seven Priority Board areas.
- Statistically valid telephone survey.
- Coordination through an Advisory Committee.
- Completion of a web based and handout survey geared towards the teenagers of the community since this was one of the highest priorities for programming.
- A handout survey among residents.

### **Warren County Parks and Recreation Master Plan (Kentucky)**

Public participation included:

- Three public workshops with over 320 persons attending at three Middle Schools throughout the County.
- Completion of over 2000 surveys. Surveys were distributed at shopping malls, through the schools and through current program users.
- Coordination through an Advisory Committee.
- The strong public support for the Plan resulted in the immediate purchase of land for three new parks of 82, 140 and 178 acres. Over \$7 million was spent on the first two phases of the development.



Personnel



**Lawrence W. Brandstetter, AIA, President**

**Education**                   The Ohio State University, B.S. Architecture  
The Ohio State University, Master of Architecture  
The Ohio State University, Master of City Planning (85% Complete)  
Northwestern University, The Kellogg School Executive Program  
Harvard Graduate School of Design, Executive Programs

**Experience**                   **Planning -**

- Capital Facilities Plan, Somerset County Park Commission, Somerset County, New Jersey
- Morris County Park Commission Strategic Plan, Morris County, New Jersey
- Dayton Recreation, Parks and Cultural Master Plan, Dayton, Ohio
- Comprehensive Master Plan for Parks, Cincinnati, Ohio
- Comprehensive Master Plan for Recreational Facilities, Cincinnati, Ohio
- Millennium Park, Danville, Kentucky
- Anderson Dean Community Park, Mercer County, Kentucky
- Bohlken Park, Fairview Park, Ohio
- Kenton County Master Plan, Kenton County, Kentucky
- Winton Woods Harbor Renovation, Cincinnati, Ohio
- Symmes Township Park Plan, Symmes Township, Ohio
- Anderson Dean Park, Anderson Township, Ohio
- Site Improvements Newport Aquarium, Newport, Kentucky
- Fairview Park Recreation Facilities Master Plan - Fairview Park, Ohio
- Cascade-Elywood Master Plan - Elyria, Ohio
- Elmwood Park Plan - Independence, Ohio
- Moraine Parks and Recreation Needs Analysis

**Affiliations**                   Kentucky State Legislature, House of Representatives (1995-1998)  
President, Kentucky Board of Architect Examiners (2005-2006)  
The Lexington Rotary Club (President 1987-1988)  
The American Institute of Architects  
National Council of Architectural Registration Boards  
The Lexington Forum (Board of Directors)  
Leadership Lexington 1982  
Leadership Kentucky 1988  
Newport Kentucky Planning Commission (1986-1994)  
Lexington Bluegrass Airport Board Member (1993-1995)  
Lexington Convention & Visitors Bureau Board (1987-1995)

**Registration**                   Registered Architect:  
Commonwealth of Kentucky  
State of Ohio  
State of West Virginia

**Awards**                       Distinguished Alumnus, The Ohio State University, 1996



**Patrick D. Hoagland, ASLA, Principal**

**Education** B.S. Landscape Architecture  
The Ohio State University

**Experience** **Bikeway/Trail Projects**

- Winton Woods Harbor Renovation, Hamilton County, Ohio
- Oak Grove Park, Centerville-Washington Park District
- Brunswick Trails, Brunswick, Ohio
- Perkins Creek Trail, Paducah, Kentucky
- Florence Government Center Trail, Florence, Kentucky
- Cynthiana-Harrison County Park Trail, Cynthiana, Kentucky
- Nature Park and Trail, Sycamore Township, Ohio
- Clear Creek Greenways, Shelbyville, Kentucky
- Symmes Township Park, Cincinnati, Ohio
- Millennium Park and Trails, Danville, Kentucky
- Mill Creek Trail, Reading, Ohio
- Ohio Township Park Trail, Clermont County, Ohio
- Anderson-Dean Park, Harrodsburg, Kentucky
- Preston Miller Park Trail, Bowling Green, Kentucky

**Greenway and Park Planning**

- Oldham County Bike, Pedestrian and Greenway Trails Master Plan, Oldham County, Kentucky
- Paducah Greenway Master Plan and Phase I Design, Paducah, Kentucky
- Wendell Moore Park Expansion, Oldham County, Kentucky
- Cincinnati Parks and Greenways
- Dayton Recreation, Parks and Cultural Master Plan
- Brunswick Trails Master Plan, Brunswick, Ohio
- Master Plan for Recreation Services, Strongsville, Ohio
- Recreation Facilities Plan, Medina, Ohio
- Clear Creek Greenways Master Plan, Shelbyville, Kentucky
- Symmes Township Park, Cincinnati, Ohio
- Cascade Park Master Plan, Elyria, Ohio
- Kenton County Master Plan
- Boone County Master Plan
- Recreation Master Plan, Cincinnati Recreation Commission

**Affiliations** American Society of Landscape Architects  
(KY Chapter – President, 1984 and Trustee, 1991-1996)  
Kentucky Recreation and Park Society  
Ohio Parks and Recreation Association

**Registration** Registered Landscape Architect:  
Commonwealth of Kentucky  
State of Ohio  
State of Georgia  
State of New Jersey  
Council of Landscape Architectural Registration Boards Certificate



**Michael E. Carroll, AIA, Vice President**

**Education** University of Cincinnati  
Bachelor of Architecture  
College of Design, Art, Architecture  
The Harvard Graduate School of Design, "The New American Courthouse"

**Experience** **Park Planning and Design -**

- Colerain and Clippard Park, Colerain township, Ohio
- Beech Acres Park, Anderson Township, Ohio
- Mills Road Park, Kenton County, Kentucky Florence Government Center/Recreation Complex Master Plan, Florence, Kentucky
- Groveport Aquatic/Recreation Center, Groveport, Ohio
- Comprehensive Master Plan for Parks, and Greenways, Cincinnati
- Master Plan for Service Delivery, Cincinnati Recreation Commission
- Master Plan for Parks, Bowling Green, Kentucky
- Millennium Park, Danville, Kentucky
- Campbell County Master Plan, Campbell County, Kentucky
- Kenton County Master Plan, Kenton County, Kentucky
- Boone County Master Plan, Boone County, Kentucky
- Civic Center Master Plan, Winchester, Kentucky
- Recreation Center Master Plan, Charlotte, North Carolina
- Aquatics Master Plan, Toledo, Ohio
- Sycamore Trails Park Master Plan, Miamisburg, Ohio
- Bowling Green Recreation Center, Bowling Green, Kentucky
- Clearcreek Family Activity Center, Shelbyville, Kentucky
- Symmes Township Park, Hamilton County, Ohio
- Family Aquatic Centers in Evendale, Fairfield, Montgomery and Mason, Ohio

**Affiliations** National Council of Architectural Registration Boards  
Leadership Lexington 1985-86

**Registration** Registered Architect:  
Commonwealth of Kentucky  
State of Illinois  
State of Ohio  
State of Wisconsin  
State of New York  
State of Tennessee  
State of Texas  
State of South Carolina



**Charles L. Schneider, P.E., Civil Engineer**

**Education** University of Kentucky, B.S.C.E.  
University of Texas

**Experience**

**Parks and Recreation –**

- Paducah Greenway, Paducah, Kentucky
- Salvation Army Ray and Joan Kroc Community Center, Ashland, Ohio
- Paradise Cove Family Aquatic Center, Richmond, Kentucky
- Madisonville Sprayground, Madisonville, Kentucky
- Jackson Center Sprayground, Jackson Center, Ohio
- Paducah Park Sprayground, Paducah, Kentucky
- Oyler Sprayground, Cincinnati, Ohio
- Russell County Indoor Natatorium, Jamestown, Kentucky
- Dayton RecPlex Indoor Natatorium, Dayton, Ohio
- Wendell Moore Park Expansion, Oldham County, Kentucky
- Hamburg Pavilion YMCA, Lexington, Kentucky
- Jessamine County YMCA, Nicholasville, Kentucky
- Oak Grove Park, Centerville-Washington Park District, Ohio
- Patricia Allyn Park, Clearcreek Township, Ohio
- Tippacano Family Aquatic Center, Tipp City, Ohio
- Kincaid State Park Lodge Study, Pendleton County, Kentucky
- Grant County Park, Grant County, Kentucky
- Beech Acres Park, Anderson Park District, Anderson Township, Ohio
- Colerain Park, Colerain Township, Ohio
- Indian Acres Family Aquatic Center, Marietta, Ohio
- Veterans Bartlett Park, Newport, Kentucky

**Site Development –**

- McCreary County Housing Authority Office Building, Pine Knot, Kentucky
- Sutton Place Subdivision, Georgetown, Kentucky
- Newport Pavilion and Pavilion Parkway, Newport, Kentucky
- Woodford County Humane Society, Versailles, Kentucky
- Tri-State WarBird Museum, Clermont County Airport, Batavia, Ohio
- T-Hangars, Cincinnati Municipal Lunken Airport, Cincinnati, Ohio
- Campbell County Health Department Study, Newport, Kentucky
- Danville City-Wide Municipal Facilities Study, Danville, Kentucky
- Plum Creek Christian Church, Butler, Kentucky
- Tates Creek Presbyterian Church, Lexington, Kentucky
- Beall Avenue Restoration, Wooster, Ohio
- Rockcastle Hospital and Respiratory Care Center, Inc.
- Clay County Administration Building, Manchester, Kentucky
- EMS Training Facility, Manchester, Kentucky
- Muhlenberg County Courthouse, Greenville, Kentucky
- Irvine Municipal Complex, Irvine, Kentucky
- Clay County Courthouse, Manchester, Kentucky
- Pikeville Public Library, Pikeville, Kentucky
- Jackson County Library, McKee, Kentucky

**Registration** Professional Engineer:  
Commonwealth of Kentucky

**Certifications** Certified Pool Operator, Ohio Aquatic Council, LTD - 2008



**Benjamin E. Brandstetter, P.E., Transportation Engineer**

**Education** Georgia Institute of Technology  
B.S.C.E.

**Experience**

**Site Development** -

- Ovation Development, Newport, Kentucky
- Kenton County Jail Site Study, Kenton County, Kentucky
- Newport Pavilion, Newport, Kentucky
- The Crossings of Washington C.H., Bear Creek Capital
- Rivers Crossing, South Lebanon, Ohio, Bear Creek Capital
- Kenwood Crossing, Phase I and II, Sycamore Township, Ohio
- Angliana Avenue High Density Student Housing Site and Traffic Study

**Federal, State and Local Roadways** -

- Sturbridge Neighborhood Roadway Reconstruction, Sycamore Township, Ohio
- Lakota Drive West Roundabout, Butler County Engineers Office
- Goldcoast Drive Industrial Subdivision Improvements, Sycamore Township, Ohio
- Hosbrook Road Development TIS, Sycamore Township, Ohio
- Frontage Road, Sycamore Township, Ohio
- Pavilion Parkway/SR 1125, Newport, Kentucky
- Beall Avenue Improvements, Wooster, Ohio
- Burlington Sidewalk Enhancements, Boone County, Kentucky
- Denlinger Road Corridor Study, Trotwood, Ohio
- Market Street Streetscape, Clermont County, Ohio
- SR 62 Intersection Improvements, The Crossings, Washington, Ohio
- SR 48 Traffic Impact Study, South Lebanon, Ohio
- Wake County Pavement Evaluation, Wake County, North Carolina
- Georgia State Route 21 Widening, Georgia DOT
- Atlanta Outer Perimeter ROW Plans, Georgia DOT
- Winston Salem Beltway Functional Plans for Environmental Assessment, North Carolina DOT
- Laurel Creek/Tremont Road Reconstruction, FHWA/NPS
- Greenbrier Road Realignment, FHWA/NPS
- Newfound Gap Road Reconstruction, FHWA/NPS

**Affiliations**

American Society of Civil Engineers  
American Society of Highway Engineers  
Engineers for Better Government (NC)  
Adopt-A-Highway Volunteer  
Steering Committee, Civic Engagement Committee Chair, LEGACY  
Leadership Northern Kentucky 2008  
Vision 2015 Northern Kentucky Regional Parks Task Force

**Registration**

Professional Engineer:  
State of Ohio  
Commonwealth of Kentucky  
State of North Carolina



**Lisa M. Wright, Landscape Architecture Graduate**

**Education**                    B.S. Landscape Architecture with a Minor in City and Regional Planning  
The Ohio State University

- Experience**                    **Greenways, Park Master Planning and Park Design -**
- Oldham County Bike, Pedestrian, and Greenway Trails Master Plan, Oldham County, Kentucky
  - Park and Recreation Master Plan, Princeton, New Jersey
  - Oldham County Park and Recreation Master Plan, Oldham County, Kentucky
  - Paducah Greenway, Paducah, Kentucky
  - Oldham County Conservation Park, Oldham County, Kentucky
  - Claybon Park Spray Ground, Madisonville, Kentucky
  - Georgetown-Scott County Park and Recreation Master Plan, Georgetown/Scott County, Kentucky
  - Clarksburg Amphitheater, Clarksburg, West Virginia
  - Middletown, New Jersey, Master Plan for Parks, Recreation and Open Space, Township of Middletown, New Jersey
  - Liberty Township Parks and Recreation Maser Plan, Liberty Township, Butler County, Ohio
  - Mt. Sterling/Montgomery County Parks and Recreation Master Plan, Mt. Sterling/Montgomery County, Kentucky
  - Clippard Park, Colerain Township, Ohio
  - Recreation Center Study, Kyle, Texas
  - Park and Recreation Master Plan, Newnan, Georgia
  - St. Clouds Commons, Huntington, West Virginia
  - Merrill Avenue Park, Huntington, West Virginia
  - Park and Recreation Master Plan, Beavercreek, Ohio



References



*Ms. Emily Liu, Assistant Director*  
Oldham County Planning and Zoning  
100 West Jefferson Street  
LaGrange, Kentucky 40031  
(502) 222-1476  
Email: eliu@oldhamcounty.net  
Project: Oldham County Bike, Pedestrian and Greenway Trails Master Plan  
County-wide Parks and Recreation Master Plan

*Mr. David Whitehouse, Director*  
Boone County Parks and Recreation Department  
P.O. Box 566  
Burlington, Kentucky 41055  
(859) 334 – 2117  
Email: dwhitehouse@boonecountyky.org  
Projects: Boone County Parks and Recreation Master Plan  
Union Park Master Plan  
Waller-Stephenson Mill Park Master Plan

*Mr. Mark Thompson, Director*  
Paducah Parks Services  
1400 H.C. Mathis Dr.  
Paducah, Kentucky 42001  
(270) 444 – 8696  
Email: mthompson@ci.paducah.ky.us  
Project: Parks and Recreation Master Plan/Greenways Plan/  
Recreation Center Study  
Blackburn Park Sprayground  
Phase I Park Improvements  
Greenway Trail  
Paducah Sports Park Master Plan  
Lang Park Concept  
Perkins Creek Nature Park Master Plan

*Mr. Jeff Koopman*  
Cincinnati Recreation Commission  
Two Centennial Plaza  
Cincinnati, Ohio 45202  
(513) 352 – 4000  
Email: jeff.koopman@cincinnati-oh.gov  
Projects: Master Plan for Service Delivery  
Mt. Washington Recreation Center  
Madisonville Recreation Center  
Recreation Center and Aquatic Facilities Inventory and Analysis  
Otto Armleder Family Aquatic Center (Dunham Park)  
Oyler Sprayground



*Ms. LaShea Smith, Interim Director*  
Dayton Department of Recreation and Youth Services  
101 West Third Street  
Dayton, Ohio 45302  
(937) 333 – 1705  
Email: [LaShea.Smith@cityofdayton.org](mailto:LaShea.Smith@cityofdayton.org)  
Projects: Parks, Recreation and Culture Master Plan  
Northwest and Lohrey Center Renovations  
RecPlex Design  
Fairview Commons Playground and Sprayground (Bid in 2010)