

STP/SNK BIKE AND PEDESTRIAN PROJECTS

Project Name	Riverfront Commons: Dayton, KY Eastern Trail
Applicant Name	City of Dayton, KY
Applicant Title	Mayor
Email	vboruske@daytonky.com
Address	514 Sixth Ave., Dayton, KY 41074
Contact Name	Virgul Boruske
Phone	859-491-1600

Project Information

The City of Dayton, Kentucky has developed a plan to improve its riverfront, taking advantage of the continued progress of Manhattan Harbour and the Riverfront Commons Shared Use Trail. Riverfront Commons is an effort of the cities of Ludlow, Covington, Newport, Bellevue, Fort Thomas and Dayton to construct an 11.5-mile multi-use trail linking the Ohio Riverfront of all six cities.

The City of Dayton engaged KZF Design to develop a master plan, provide implementation strategies and identify potential funding sources that will position the City of Dayton to improve and reconnect the riverfront. The objectives of this Riverfront Master Plan include:

1. Diminish physical or perceived barriers between the riverfront and surrounding neighborhoods
2. Maximize the value of the riverfront by carefully integrating, enhancing and coordinating the function and circulation systems, ultimately improving access to the riverfront
3. Create memorable places for civic events, attracting visitors, residents, businesses and tourists
4. Plan and develop a community-oriented riverfront to serve the area's needs: living, recreation, events, social interaction and human development
5. Increase recreational access to the riverfront, including hiking, biking, and access for canoes and kayaks.
6. Increase multi-modal connectivity by connect the Manhattan Harbour Neighborhood to TANK's turnaround bus stop at Third Ave. and Clark St.
7. Explore the potential for habitat preservation/conservation to protecting sensitive areas
8. Develop a symbol of the City's health, history, quality of life and community pride

The City of Dayton has separated the development of the Riverfront Commons Trail in three phases. West, Middle and East and has received funding for the West and Middle phases. These phases are currently wrapping up the design and ROW phases for the West and Middle phases. The Western Phase of the Dayton Riverfront Commons Project will begin at Berry Street and follow the flood wall and connect to the sidewalk on Fourth Avenue (KY 8). When complete Dayton will have a crosstown bicycle-pedestrian path that is completely separated from vehicle traffic.

Dayton Riverfront Commons Phase 3 Project Length: 1 mile

Upload Project Location Map	http://funding.oki.org/wp-content/uploads/ninja-forms/6/FINAL-Dayton-KY-Riverfront-Master-Plan_email_r2-pages-28-29-page-2.pdf
Design Fiscal Year	107036.79
Design Requested Funds	85629.43
Design Local Match	21407.35
Total Design Cost	\$107,036.78
Design Local Match %	20.00%
PE-Row Fiscal Year	
PE-Row Requested Funds	
PE-Row Local Match	
PE-Row Total Cost	\$0.00
PE-Row Local Match %	0%
Right of Way Fiscal Year	
Right of Way Requested Funds	
Right of Way Local Match	
Right of Way Total Cost	\$0.00
Right of Way Local Match %	0%

Utilities Fiscal Year	50000
Utilities Requested Funds	40000
Utilities Local Match	10000
Utilities Total Cost	\$50,000.00
Utilities Local Match %	20.00%
Construction Fiscal Year	856294.32
Construction Requested Funds	685035.45
Construction Local Match	171258.86
Construction Total Cost	\$856,294.31
Construction Local Match %	20.00%
All Requested Totals	\$810,664.88
All Match Totals	\$202,666.21
All Project Total	\$1,013,331.09

All Match Percent	20.00%
bikefiscalyear	1013331.09
bikerequestedfunds	810664.88
bikelocalmatch	202666.21
biketotal	\$1,013,331.09
Add KYTC "State Forces" oversight charge of 10% of design cost or minimum \$5000 to total design amount. Attach a certified cost estimate.	
An adopted ADA Transition Plan is in place for our jurisdiction.	yes
Date of Adoption, if applicable	
An adopted Title VI Plan is in place.	yes
Date of Adoption, if applicable Copy	
I understand that non-federal match is required as a condition of receiving federal funds and hereby pledge those funds for this project.	yes
I understand that as the applicant, I am responsible for providing funds for cost overruns. If additional federal funds are received our jurisdiction will provide non-federal funds as match.	yes

I understand that if we accept federal funds and cancel or delay the project that future applications to OKI may be subject to penalty as described in the application.	yes
I understand that as a condition of receiving federal funds, I hereby pledge to maintain the federal investment in a reasonable and prudent manner through its useful life.	yes
Name	Virgil Boruske
Title	Mayor
Organization	City of Dayton, KY
Date	June 1, 2018
What is the number of crashes in the project area involving bikes and pedestrians?	For the period from January 1, 2012 through December 31, 2017 - There were 17 pedestrian and 1 bicycle crash in the City of Dayton, KY. In the area bounded by 2nd Ave to the North, O'Fallon Ave. to the West, Clark Street to the East, and 7th Ave. to the South. This area is generally considered to be downtown Dayton, KY.
What is the project impact on safety?	High

<p>Please explain:</p>	<p>When completed the Riverfront Commons Trail in Dayton, KY will provide an east/west bicycle pedestrians connection that is completely separate from vehicular traffic.</p> <p>KY 8 in Dayton is used extensively by bicycle groups for groups rides, and for charity rides including Ride Cincinnati the largest charity bicycle ride in the region.</p> <p>Another important impact on safety will be for the Track and Cross Country teams at Dayton High School and Lincoln Elementary/Middle School. Currently they run on the sidewalk along 6th Ave. (KY 8) in Dayton. They will now be able to use this trail for Cross Country and Track Practice.</p> <p>Also, the proposed staircase connecting the Manhattan Harbour Development with the Tank Route 12 turnaround at 2nd Ave. and Clark St. will be important due to the announcement of Tapestry on the River, a 263 unit apartment development breaking ground in June, 2018.</p>
<p>Characterize the type of network connections provided by the project:</p>	<p>Part of the regional network</p>
<p>The estimated feasibility of this project is:</p>	<p>High</p>
<p>What is the existing surface conditions if this is an existing facility?</p>	<p>N/A (This is a new facility)</p>
<p>How has the Complete Streets concept been applied to the project? Which modes will be accommodated in the completed project? Check all that apply.</p>	<p>Fixed transit route, Pedestrian facility, Bicycle facility, Connection to activity centers</p>
<p>What is the existing status of the project?</p>	<p>Request for CON, ROW and PE/Design (Kentucky only)</p>
<p>Will your project have any impact(s) on any of the following OKI identified Environmental Justice groups? Check all that apply.</p>	<p>Low-income</p>

<p>Describe any direct or indirect permanent benefits of your project on the identified EJ groups?</p>	<p>According to the American Community Survey the Low/Moderate Income Percentage for Dayton, KY is 60.45% and the Poverty Rate is 24.5%. The project will provide recreation benefits for walking, biking, and access to the Ohio River for river recreation and to interact with nature. The construction homes and apartments along the trail route will provide job opportunities. The construction of market-rate apartments project like Tapestry on the River and Gateway Flats will add 360 new housing units without displacement of any existing residents, will provide additional students and revenues for Dayton Independent Schools. It's important to note the Dayton Independent School District is a Title 1 School, with 85% of students participating in the free and reduced lunch program is ranked as a Distinguished School District, the highest possible rating in Kentucky.</p>
<p>During the implementation phase, will the project have a temporary or permanent negative impact on any of the OKI identified EJ groups listed above? If yes, please describe the impact and how it will be mitigated:</p>	<p>The construction of the trail will be in an area that is currently inaccessible to pedestrian, bicycle or vehicular traffic. We see the implementation phase to be of NO IMPACT to the identified EJ Groups.</p>
<p>Will the completed project have a negative impact on any of the OKI identified EJ groups? If yes, please describe the permanent negative impact(s) and how it will be mitigated:</p>	<p>NO IMPACT</p>

Please outline your communication plan with any of the OKI identified EJ groups related to the project. (i.e. public meetings, bilingual information, develop community liaisons):

In the development of the City of Dayton, Kentucky Riverfront Master Plan there were several public meeting to get community input for the plan:
On January 21, 2015, the City of Dayton staff, along with KZF, led a community visioning session to engage the public in the design and implementation of the Dayton Riverfront. This work explained the purpose of the Riverfront Plan and its elements but focused on getting ideas and thoughts from community members on the future of the riverfront. KZF's team members gathered feedback to outline key riverfront elements and ideas. Results from the workshop were incorporated into the master plan.

Conceptual Master Plan Public Input/Review Session
On January 21, 2016, the City of Dayton and KZF Design presented the draft recommendations for the Dayton Riverfront Master Plan. This design review session reviewed the Conceptual Master Plan, Alternatives and solicited feedback to develop strategies for implementation and phasing. Based on the comments received Public Input/Review Session and from City staff, the Stakeholder Team and others, KZF revised their design drawings, developed a cost estimate and produced the final documents.

Moving forward into the construction phases of this project we will keep the community updated on the progress by utilizing the following methods.

- 1) Dayton Community News: A free monthly publication that is distributed with circular flyers, and is available for free at many Dayton Business and Public Buildings.
- 2) Facebook utilize Facebook and social media to update the community on progress on the project during implementation. We will use the City of Dayton's Facebook page, and the Facebook pages of Dayton
- 3) We have a close and cooperative relationship with the Dayton Independent School district and will work with them to get information distributed through their social media, e-newsletter, and weely folder program.

<p>Employment, Employment Bonus and Investment Bonus: How does the project provide economic vitality in the project area?</p>	<p>The adjacent Manhattan Harbour Development is planned to have 1,277 residential units, a mix of apartments, condos and single-family homes, nearly 80,000 SF of commercial space and more than 29 acres of green space. The Riverfront Commons Trail is an important the amenities for this development, the City of Dayton and the region.</p>
<p>Air Quality/Energy: Will the project reduce Vehicle Miles Traveled (VMT), Vehicle Hours Traveled (VHT) or both?</p>	<p>vmt-reduced, vht-reduced</p>
<p>Please explain:</p>	<p>The development of the Riverfront Common's Trail in Dayton will provide an east/west bicycle pedestrian connection to Bellevue, Newport, Covington via Riverfront Commons, and to Cincinnati via the Purple People Bridge.</p> <p>This will encourage residents to walk or ride their bicycles for shopping, utilizing services, and for transportation to employment centers. With the development of Tapestry on the River and Gateway Flats bringing over 300 new housing units to Dayton in the next 18 months the Dayton Riverfront Commons trail and bicycle, pedestrian and mass transit infrastructure in the Southbank Cities will provide significant alternatives to single occupancy vehicles. This will have a positive impact on reducing VMT and VHT.</p>
<p>Does this project create new or enhance existing intermodal connections?</p>	<p>yes</p>
<p>If yes, please describe:</p>	<p>Yes, part of the phase of the plan included connecting the Manhattan Harbour Development and especially the Tapestry on the River (263 residential units) to the TANK Route #12 turnaround near 2nd Ave. and Clark St.</p>
<p>% replacement</p>	

<p>% expansion</p>	<p>100</p>
<p>Please Explain</p>	
<p>Please indicate all that apply</p>	<p>is-the-project-located-in-a-town-neighborhood-center-or-downtown-area, is-the-project-located-in-an-area-with-a-mix-of-uses-with-a-central-focus, is-the-project-located-along-a-functionally-classified-major-collector-or-higher-roadway-with-urban-development-characteristics, Is the project located in an area that is experiencing strong growth pressures and expected and/or planned to develop into a mixed use/multi modal center?</p>
<p>Explain:</p>	<p>Yes, the project is located in Dayton, KY basin area, that incorporates the city's Central Business District, residential neighborhoods, and the Dayton Industrial Park.</p> <p>The Riverfront Commons route parallels KY 8 through the City of Dayton, KY and will take bicycle and pedestrian traffic off this route.</p>
<p>Will this project serve brownfield or greyfield properties, or areas where infrastructure is underutilized?</p>	<p>no</p>
<p>Explain:</p>	
<p>Are efforts to avoid, minimize or offset/compensate for environmental impacts planned as part of this project (e.g. wetlands, forests, streams, noise)?</p>	<p>yes</p>
<p>Explain:</p>	<p>The design of the Riverfront Commons Trail incorporates minimal environmental impacts to wetlands, forests, streams noise. We are working with the US Army Corps of Engineers as part of the Northern Kentucky Ecosystem Restoration Feasibility Study for shoreline restoration along the Riverfront Commons Trail.</p>

Are green infrastructure strategies planned as part of this project (e.g. contiguous corridors to reduce habitat fragmentation, innovative stormwater runoff techniques)?	yes
Explain:	<p>As part of this phase of the plan will be incorporating the following:</p> <ul style="list-style-type: none"> â€¢ Create tree-lined paths that interconnect with Riverfront Commons Trail â€¢ Add enhancing, native landscape items â€¢ Add tree groves and gardens
Does this project abut or directly impact any potentially sensitive environmental resources (as identified in state conservation plans, maps or inventories)?	no
Explain:	
Comprehensive Plan (or other): Is the project consistent with the jurisdictionâ€™s comprehensive plan?	yes
Title of Plan:	City of Dayton Comprehensive Plan Update 2012
Date Adopted:	
Contact Person:	Michael Giffen, Dayton City Administrator
Page Number(s) where project is identified and/or referenced:	

Planning Area: Please identify the planning area (location) in relation to the proposed transportation project.

Northern Kentucky Riverfront Commons Design Guidelines (Southbank Partners, 2011) Riverfront Commons is envisioned as a continuous riverfront corridor that provides riverbank stabilization and an uninterrupted open space and trail system. The primary feature of Riverfront Commons is an 11 mile walking/biking path along the Ohio River from the City of Ludlow on the west to the City of Ft. Thomas on the east. The path will feature open park space at strategic points along the river, accommodating both walkers and bikers. A series of points of access/nodes will provide easy linkage to neighborhoods, residential, business, entertainment, and historic districts. The Riverfront Commons plan identifies a walking/bike trail along the Ohio River that runs directly through the Study Area.

Riverfront Commons Preliminary Alignment (Southbank Partners) This plan identifies the potential alignment for the Riverfront Commons trail within each city and significant nodes along the pathway.

Imagination 2020 (Southbank Partners, 2000):

Imagination 2020 is an economic development action plan for the Southbank cities covering 11 miles of Northern Kentucky Ohio Riverfront. The plan reinforces Riverfront Commons as significant transportation and entertainment/tourism driver for the region.

Public Participation: Generally describe the public participation process for the plan (Include page references to specific examples, where applicable).

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We have continued to update the Public on the progress of this project through, updates at City Council meetings, through our comprehensive plan updating process and via updates on Social Media and articles in the Dayton Community News, the River City News, and other outlets.

Core Contents: Generally describe the contents of the applicable plan related to the following elements: transportation, land use, economic development, public facilities, housing, natural resources, recreation, intergovernmental coordination and capital improvements. For example, are each of these elements included in the plan? Was appropriate inventory and analysis completed for these elements? Were goals objectives and policies set for these elements? If not, why not (e.g., resource limitations, characteristics of the jurisdictions)?

City of Dayton Land Use Plan (1988) â€“ Special Development Area The first Special Development Area (SDA) includes the Dayton Riverfront. This SDA begins at the Dayton-Bellevue corporation line and extends approximately 1,600 ft east along the Ohio River, from the Dayton flood levee north to the river. This area, which is owned by the City of Dayton, is used for recreation and open space uses, as well as other related uses that are oriented towards the riverfront area.

Areas extending along the western portion of the riverfront have additional potential for other land use types which could include a mixed-use type of development, encompassing a variety of different housing types, recreation and other uses that would orient toward the riverfront. This portion of the river has greater potential for such uses, since the land elevations are higher, on the banks of the Ohio River than land toward the middle to eastern portions of the cityâ€™s riverfront. This area floods on average of approximately once every five years (elevation of this area is 482 to 484 feet above sea level). Areas toward the eastern side of the riverfront, including the Marina, flood on an annual basis.

All development proposed within the riverfront area would need to be flood-proofed and/or elevated above the 100-year flood elevation, which is approximately 500 feet above sea level. Any proposed development would also have to meet federal and state floodplain regulations and the cityâ€™s zoning ordinance. Any activity involving housing would need to be designed in such a manner that the first floor would be elevated above the elevation of the 100-year floodplain. Lower levels under such type of construction could include parking garage facilities and other related uses that would not be affected by frequent flooding conditions. In addition, secondary means of access should also be considered in any design to accommodate flood levels exceeding the 100-year flood elevation.

Any projects planned along the riverfront area should be designed as an integral part of the Dayton riverfront, including provisions for public connections with the river, the flood levee, and the pedestrian walkway system.

City of Dayton Land Use Plan (2012) â€“ Special Development Area This Comprehensive Plan updates the 1998 section above to include:

<p>Land Use/Transportation Relationship: Generally describe the relationship between land use and the proposed transportation project as set forth in the plan? For example, is new development in the area creating need for the project? Is new development planned for/expected that the project will serve? (Include page references to specific examples).</p>	<p>Manhattan Harbour Concept Plan (DCI Properties, 2013) Manhattan Harbour (MH) is a proposed mixed-use development along the Ohio River. Currently, thousands of cubic yards of dirt are changing the contour of an area north of the Dayton flood levee in anticipation of beginning to construct the first phase of the project. MH is planned to have 1,277 residential units, a mix of apartments, condos and single-family homes, nearly 80,000 SF of commercial space and more than 29 acres of green space. Phase One, which is currently under construction, offers 27 single-family river front lots, each with its own stunning view of the Cincinnati skyline. DCI currently "owns" a vast majority of the properties within the Riverfront Study area.</p> <p>Currently under development is Tapestry on the River (263 residential units) and Gateway Flats (80 residential units)</p>
<p>Local Match: How much additional local match is being provided OVER the required match?</p>	
<p>Project Delivery History: Has the applicant had any programmed projects miss their originally programmed date?</p>	<p>no</p>
<p>Specify projects: (see application instructions for negative points associated with this factor)</p>	
<p>Technology: Describe elements of your project that encourage the implementation of new technologies, automation, advance materials, etc, in transportation.</p>	<p>We will be working with Tri-State Trails to incorporate trail counting infrastructure into the construction of the trail. Dayton's Economic Development Director serves as vice-chair of the Tri-State Trail Executive Committee and is involved in development plans of the regional trail counting initiative.</p>

Supplemental Information Provided by the Applicant Insert Links or supplemental information as appropriate (maximum 5 pages please)

<http://funding.oki.org/wp-content/uploads/ninja-forms/6/Dayton-EJ-Population.png>,
<http://funding.oki.org/wp-content/uploads/ninja-forms/6/Dayton-Bike-Route-Guide.png>,
<http://funding.oki.org/wp-content/uploads/ninja-forms/6/Dayton-Bicycle-Pedestrian-Crashes.png>,
http://funding.oki.org/wp-content/uploads/ninja-forms/6/FINAL-Dayton-KY-Riverfront-Master-Plan_email_r2-page-21.pdf