



indy GREENWAYS • **full** CIRCLE
2014-2024 MASTER PLAN



Department of Public Works
Indianapolis
Gregory A. Ballard, Mayor

TAYLOR
SIEFKER
WILLIAMS
design group



May 2014





indyGREENWAYS
fullCIRCLE



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landscape architecture | community planning | urban design | visioning | strategic planning





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foreward



Planning and implementing a trail and greenway system is complex. Indianapolis stands as a case study of leveraging resources and dollars to create a complex network of greenways and trails, often being cited as a national example of successful greenway implementation. The greenways are a significant part of the City's overall strategy...for transportation, fitness, recreation, community growth and economic development.

Much has changed since the 2002 plan was completed. The economic climate in 2013 is drastically different and there have been significant advances in both the bike and pedestrian facilities in Indy as well as the attitudes towards these types of facilities. This plan will respond to these changes and provide the "new blueprint" for the Indy Greenways system and how it fits into the context of all of the current initiatives underway in the region.

Components of the Indy Greenways Master Plan will look at connections to the community, public access and service, integration with other initiatives, economic benefit and collaboration with stakeholders & agencies. These components will set a vision for the next ten years of continuing to create a world-class trail and greenway system for the City of Indianapolis.





acknowledgements

The Indy Greenways Full Circle 2014-2024 Master Plan was completed with the contributions and support from the individuals and entities listed below.

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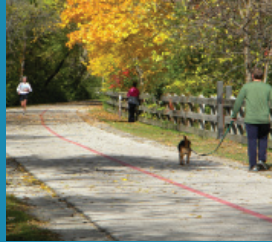


Monon Trail - Bridge over White River

chapter one

INTRODUCTION





chapter one

INTRODUCTION

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Activity along the Monon Trail - Indianapolis.



CHAPTER 1

introduction

World-class cities have world-class greenways. They are an integral part of the community's fabric. They provide residents with recreational resources and access to natural environments. They include amenities and facilities that promote use of the greenways by residents. They provide connections between neighborhoods and community destinations allowing residents to use them as alternative transportation. And they are not an afterthought--they are an integral part of a community's overall transportation and connectivity strategy. World-class cities understand that trails and greenways are a key to creating an active and vibrant community--one that retains and attracts people to live there.

The Indianapolis Greenway System is a world-class urban multi-use trail system that connects people to neighborhoods, commercial districts, schools, parks, cultural features and historic sites Indianapolis throughout Marion County. With an additional 260 miles planned, it is one of the premier greenway systems in the country.

Renowned landscape architect George Kessler first understood the impact that open space linear connections could play in the community. In his Park and Boulevard System plan, many of the city's main water courses and floodplains were designated as linear parks and connections throughout the community. Lawrence Sheridan's plan of 1938 further established those linkages throughout Marion County. In the early 1990s, Indianapolis created its first Greenways Master Plan. That plan expanded the system beyond Kessler's parkways and into new corridors and portions of the city.

Today, there are over 60 miles of greenways in place. The Monon Trail was one of the first greenways that was built outside of Kessler's designated waterways. Unlike the early Fall Creek Greenway, the Monon Trail used an abandoned rail corridor and provided a link that extended from downtown to the Hamilton County line. It passed through neighborhoods, parks, commercial centers, and other public facilities along its route. Once completed, it received local, national and even international attention for its design, character, use of materials, and overall operation. It also received numerous designations, recognition, and awards from across the country. The Rails-to-Trails Conservancy describes the Monon Trail as "a colossus in the world of Midwest rail-trails."¹



Monon Trail over Central Canal.

The Indiana Rails to Trails Council says this about the Monon:

"For those familiar with rail trails, the Monon in Indianapolis and its outskirts is a bit legendary. It was voted in March 2009 into the Rails-to-Trails Conservancy's Rail-Trail Hall of Fame. In addition, it's been cited in numerous publications as an example of the beneficial effects trails can have on people's health as well as the health of the micro-economies of areas through which the trail passes. For those not familiar with the Indy Monon, exploring its nearly 17 miles of length will give you a mini-vacation for tasting the arts, foods, life and culture, and history across this Midwestern city."²

The Monon Trail put Indy Greenways and its planned system of trail networks on the map. It truly is a world-class greenway and has brought much attention and accolades to the city.

For the past twenty years, the city worked to implement the system laid out in the 1994 plan, mostly on the northern, more developed portions of the city. They built trails that expanded the system, extended the routes, and broadened the

¹ Trailink online trail directory, The Rails to Trails Conservancy., Washington, DC. 2012

² IndianaTrails.com, Indiana Rails to Trails Council, Indianapolis, IN. 2013.

overall system outlined in the master plan. In fact, Indianapolis became one of the cities that other communities looked to when trying to put their own trail systems in place.

During this time, there were also many other things in the city that changed. There was a resurgence of neighborhood development with residents moving back into older neighborhoods at the same time that new housing was expanding into the suburbs and undeveloped portions of the county. Higher densities and new subdivisions created a demand for recreational facilities such as greenways. There was increased awareness of the need for better protection and use of our



George Kessler developed the Indianapolis Park and Boulevard System plan over 100 years ago, and it is still being implemented today. This effort will produce the next generation of master planning for the system, identifying new trail development, targeting maintenance needs of the existing facilities, defining connections to the regional bike and pedestrian systems, identifying connections to the new on-street bicycle facilities, and recommending priorities for the system's development.

Eagle Creek Greenway.


waterways as a resource. There was a growing bicycle culture that developed within the city, emphasizing the desire for transportation routes and alternatives. New mass transit routes were studied to better connect the region, and more and more emphasis was placed on providing bike and pedestrian facilities throughout Marion county. While many of these factors existed during the crafting of the 1994 master plan and the 2002 update, they are now receiving widespread support from the general public and policy makers.

The development of the Indianapolis Cultural Trail in 2008-2013 also refocused attention on the importance of having modern, safe recreational opportunities in the city and helped to reinforce that trail infrastructure could be a driving force in economic development and attracting new talent to the city.


With this context in mind, this master plan establishes a new vision for Indy Greenways. It evaluates what the system should look like in the next ten, twenty, even fifty years. It outlines how the function of the greenways can be interwoven through all of the contextual issues and produce a plan that truly positions Indy Greenways as a world-class greenway system.

Understanding exactly what constitutes a world-class greenway can be difficult. This plan seeks to do that through the creation of a community-wide system of

Several informational brochures were created to promote the planning process, details of the plan and highlights of plan recommendations.




looking ahead



The Indy Greenways Master Plan needs to provide the “new blueprint” for the Indy Greenways system and how it fits into the context of all of the current initiatives underway in the City. It will need to answer the following questions:

- How can the greenway system provide both a functional transportation role as well as a recreational role?
- Where should future greenways be developed and how can they be connected?
- How can the greenways, blueways, bike lanes and other multi-modal facilities be better connected and function as a unified system?
- How do the greenways interface with public transit and future improvements to the community’s transit infrastructure?
- How can greenways foster economic growth?
- How can the greenways contribute to the perception of Indianapolis as a world-class city?

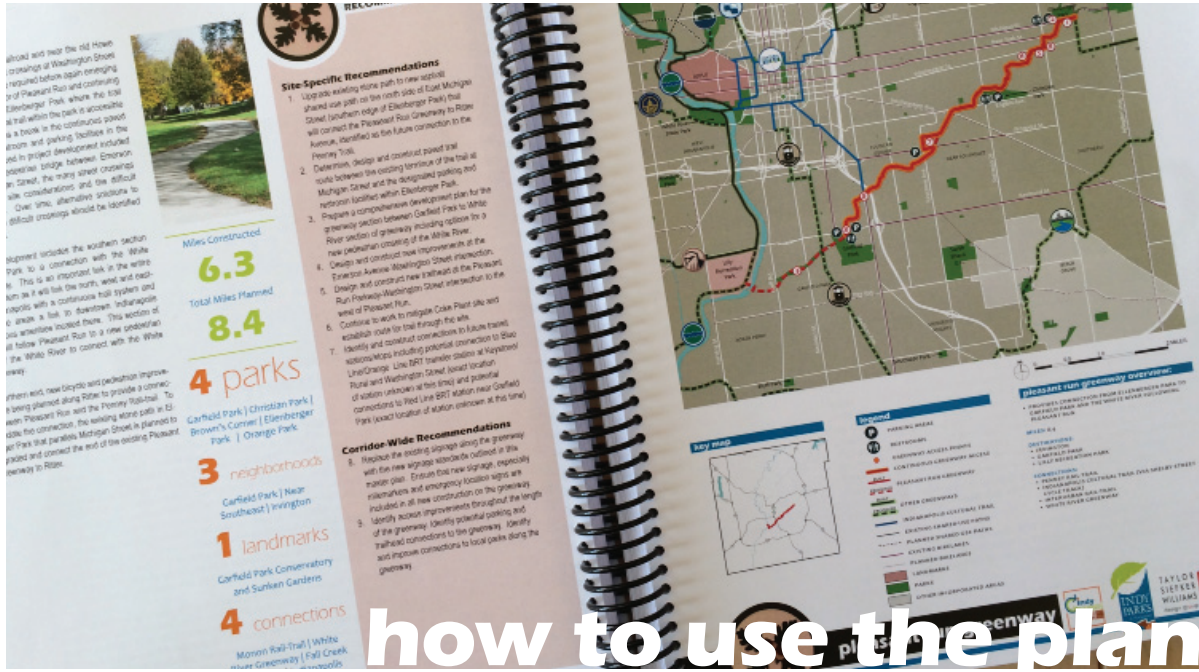


greenway connections, the use of appropriate and modern facilities along the trails, an oversight administrative framework that will allow the system to best function, and the development of policies and guidelines that direct greenway planning in the city.

Over the past 25 years, Indy Greenways has transformed the way our community connects and interacts. The network of greenway trails that has been established provides more options for residents to travel, exercise and build stronger communities while safely interacting with vehicles. The greenways also offer opportunities for recreation and fitness, protect vital natural areas, promote open space and watershed protection, and spur economic development. Indianapolis is proud to be recognized as a “Bicycle-Friendly Community” by the League of American Bicyclists (*Indianapolis Bicycle Master Plan, June 2012*) and Indy Greenways is a big part of that designation.

The Indy Greenways 2014-2024 Master Plan is an effort to update the plan for the overall greenway system. This plan is the next big vision for the system, identifying new trail development, targeting maintenance needs of the existing facilities, defining connections to the regional bike and pedestrian systems, identifying connections to the new on-street bicycle facilities, and prioritizing the system’s development. This plan also has a greater focus on the economic development potential near and along the greenways and seeks to identify how the trails can have a positive and appropriate impact on new development in the city.

World-class cities have world-class greenways and this plan is part of the evolving vision for a well-connected, world-class Indianapolis.



how to use the plan

This Master Plan is a guide for city officials, decision makers, developers and residents for development of Indianapolis' greenway system. It provides an analysis on the current system and its proposed routes. It provides the historic context of the system and past decisions, while outlining a new long-term vision for the system. It establishes design guidelines for future construction and provides an evaluation of the economic value that can come to the city as the network of greenways is constructed. It is intended to serve as a tool that helps establish the policies and direction of trail and greenway development in the city. This document provides an overview of the process used to craft the new vision for Indianapolis' greenways and provides the associated recommendations to implement the new system. While it is designed to provide flexibility, the vision, goals and objectives outlined as part of this document should inform all decision making regarding the greenway system.

PLAN ORGANIZATION

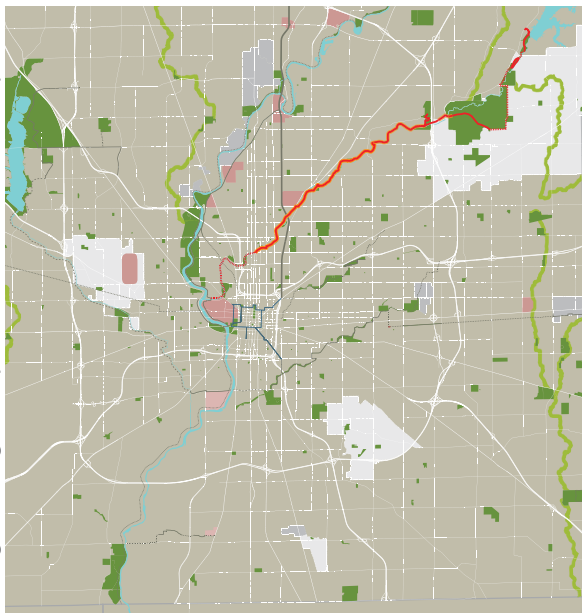
The document has been divided into seven different chapters:

- **CHAPTER 1: Introduction** – provides an introduction to the process and establishes the basis for the development of a new vision for Indy Greenways. It also outlines how the master plan is arranged and the intent of each chapter of the report.
- **CHAPTER 2: Overview of the System** – provides an overview of the existing system. It provides the history of trail development in Indianapolis including Kessler's early plans for

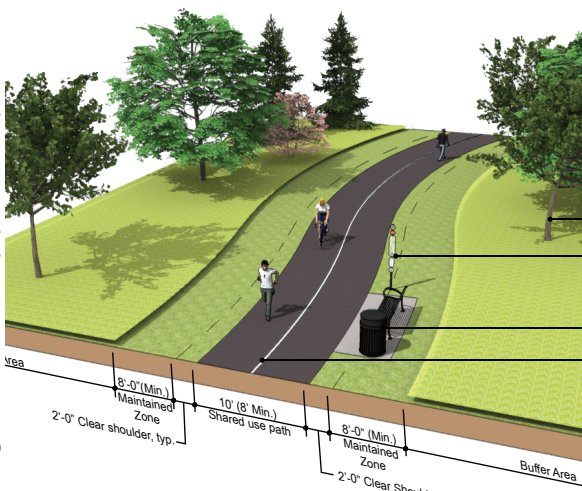
A wide range of input-guided plan development.



Existing and new greenway corridors are identified in this plan.



Design standards outline physical development.



the Indianapolis Park and Boulevard System and Lawrence Sheridan's 1938 expansion of that plan. It also includes a summary of the contemporary planning updates that were completed in 1994 and 2002 and identifies improvements that have been made since that last plan was completed. Finally, it highlights the current perceptions of Indy Greenways from the public survey that was conducted during the initial input gathering phase of the project.

- **CHAPTER 3: Full Circle Master Plan** – describes the specific planning process for this master plan, the public engagement process that was used, and the recommendations that resulted. It outlines improvements needed to the existing system and details out nine new greenway routes in the county. This chapter provides a detailed look at all future greenway development in Indianapolis and provides a look at the outcomes that will result from this development.
- **CHAPTER 4: Design Standards** – establishes design guidelines for the system. It describes in both graphic and narrative format the intended design standards to which all trails in the Indy Greenways system should be constructed. It provides clarity as to how the greenways are to be constructed and what they should include.
- **CHAPTER 5: Economic Impact Review** – provides a review of the economic impacts that have been associated with previous greenway development and applies those economic benefits to future routes through a comparison of like conditions. This chapter helps to identify what economic impacts will be likely for new greenways added to the system.
- **CHAPTER 6: Implementation** – summarizes the physical improvement and policy recommendations included in the plan and highlights the priorities, timelines, and responsible agencies and partnerships needed to implement the plan. This chapter also addresses several other policy recommendations included in the plan.
- **CHAPTER 7: Conclusion** – summarizes the key concepts and projected outcomes of the plan. It establishes the metrics that will result from implementation of the plan.

The Indy Greenways Full Circle Master Plan 2014-2024 was recommended for approval by the Indianapolis Board of Parks and Recreation and adopted on April 17th, 2014. A copy of the General Resolution is included as part of this plan document at the end of this chapter.

In addition, a separate Appendices includes additional supporting information for the plan as well as the public input received during the planning process.

STANDARD DEFINITIONS

For purposes of clarity, there are several terms used throughout this document that are defined below. It is important to understand how the terms were used in the preparation of this plan in order to understand their intent.

- **Indy Greenways** - In this document, the term Indy Greenways is used to define the City of Indianapolis' system of official greenways and greenway trails.
- **Greenway** - A linear park or recreation space that typically includes a shared-use path and falls under the jurisdiction of Indy Parks and Recreation (either directly or through some sort of Memorandum of Understanding). Greenways typically include a dedicated right-of-way, unique branding and identification, and signage and site enhancements unique to the greenway. While most include a shared-use path, some greenways are designated as "conservation corridors" and do not include the trail component.
- **Conservation Corridors** - designated corridors, usually along creeks, rivers or other natural areas, that are designated for protection from development---often as a potential future greenway corridor. Previous Indy Greenways Master Plans have identified conservation corridors as part of the greenway system.
- **Shared-use Path or Shared-use Trail** - A bicycle and pedestrian way physically separated from motor vehicle traffic. Shared-use paths are typically two-way and are intended for multiple types of non-motorized users (walkers, cyclists, in-line skaters, wheelchairs, etc.). They are designed to accommodate emergency, maintenance, and operations vehicles, but all other motorized vehicles, including segways, are prohibited.
- **Connections** - Term that defines any means by which someone accesses, connects to, or is connected to or from a greenway. This can include shared-use paths, sidewalks, bike lanes, on-street infrastructure, or other bike or pedestrian facilities.
- **Indy Parks/Department of Parks and Recreation** - City agency responsible for programming and operations of the greenways and all park facilities.
- **DPW/Department of Public Works** - City agency that is responsible for the construction and maintenance of the greenways. The Resource Development section of DPW oversees park and greenway planning and project development.

- **Comprehensive Project Report** - Often referred to as a master plan, the Comprehensive Project Report document is a planning report that identifies and establishes an overall greenway or trail route, associated connections and enhancements, proposed right-of-way improvements needed, and preliminary details of the route. These reports identify preliminary funding opportunities and provide planning-level cost estimates. These projects also have a public engagement component that seeks to work with residents to identify the route and important contextual issues.
- **Scoping Study** - A study that re-evaluates a previously established route. The purpose is to more precisely determine alignment and to resolve other issues associated with the development of one or more segments of an established greenway or trail route. The scoping document will usually include a more detailed cost estimate than what would be included in a master plan. Scoping studies are more technical in nature and are usually completed internal to the city.

Additional technical definitions associated with the specific design standards for all greenway trails are included in Chapter 4 Design Standards.

Agenda Item Resolution #5, 2014

Board of Parks and Recreation
Consolidated City of Indianapolis, Indiana

Be It Resolved That the Board Hereby Approves:

A Resolution to Adopt the Indianapolis Greenways "Full Circle" Master Plan
2014-2024

WHEREAS, Indianapolis Department of Parks & Recreation for the Consolidated City of Indianapolis, Indiana (Indy Parks) is desirous of providing a high quality greenway system for the citizens of Indianapolis, Indiana; and has sought opinions, feedback and input from citizens and officials, as well as consultants and professionals in developing and updating the Indianapolis Greenways Plan. The "Full Circle" Master Plan 2014-2024 identifies new trail development, defines connections to the regional bike and pedestrian systems, identifies connections to the new on-street bicycle facilities, targets maintenance needs of the existing facilities, and prioritizes the system's future development.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF PARKS AND RECREATION OF THE CONSOLIDATED CITY OF INDIANAPOLIS

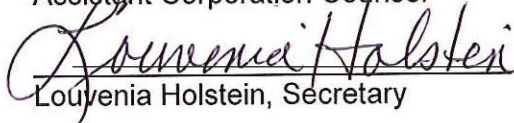
To approve and adopt the Indianapolis Greenways "Full Circle" Master Plan 2014-2024, and

FURTHER, RESOLVE that the Director of the Department of Parks and Recreation is hereby authorized to implement the Indianapolis Greenways "Full Circle" Master Plan 2014-2024 for and on behalf of the Department.

BOARD OF PARKS AND RECREATION
CONSOLIDATED CITY OF INDIANAPOLIS

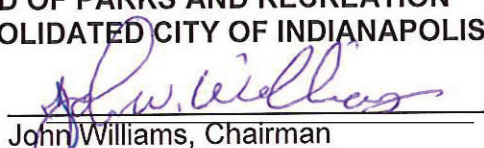


Doug Kowalski
Assistant Corporation Counsel



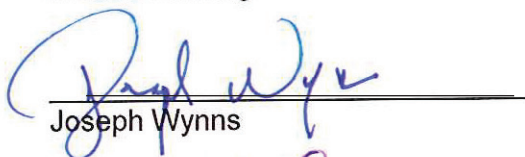
Louyenia Holstein, Secretary

4-17-14
Date



John Williams, Chairman

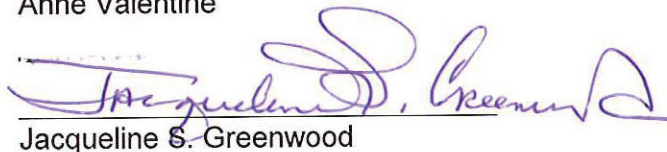
Absent
Joshua Bowling



Joseph Wynns



Anne Valentine



Jacqueline S. Greenwood

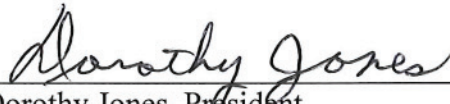
METROPOLITAN DEVELOPMENT COMMISSION
OF MARION COUNTY, INDIANA
RESOLUTION NO. 2014-CPS-R-003

RESOLUTION 2014-CPS-R-003, amending a segment of the Comprehensive or Master Plan of Marion County, Indiana, Indianapolis Greenways Full Circle Master Plan.

Be it resolved that, pursuant to I.C. 36-7-4, the Metropolitan Development Commission of Marion County, Indiana, hereby amends the Comprehensive or Master Plan for Marion County, Indiana, by the adoption of the Indianapolis Greenways Full Circle Master Plan, which is attached hereto and incorporated herein by reference as an amendment to the Comprehensive or Master Plan of Marion County, Indiana.

Be it further resolved that the Secretary of the Metropolitan Development Commission is directed to certify copies of this Resolution 2013-CPS-R-001, amending the Comprehensive or Master Plan of Marion County, Indiana, Indianapolis Greenways Full Circle Master Plan.

Be it further resolved that the Director of the Department of Metropolitan Development is directed to mail or deliver certified copies of this Resolution 2014-CPS-R-003, to the Mayor of the City of Indianapolis, the City-County Council of Indianapolis and Marion County, and the Board of Commissioners of Marion County, Indiana and to the legislative authorities of the incorporated cities and towns of Marion County, Indiana. The Director shall also file one (1) copy of the Resolution and one (1) summary of the plan in the office of the Recorder of Marion County.



Dorothy Jones, President
Metropolitan Development Commission

Date: 5/7/14

APPROVED AS TO LEGAL FORM
AND ADEQUACY THIS 1
DAY OF MAY 2014.



Douglas Kowalski
Deputy Corporation Counsel

METROPOLITAN DEVELOPMENT COMMISSION

OF MARION COUNTY, INDIANA

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

CERTIFICATION

I, Lena Hackett, Secretary of the Metropolitan Development Commission of Marion County, Indiana, do hereby certify that the attached Resolution 2014-CPS-R-003, AMENDING A SEGMENT OF THE COMPREHENSIVE OR MASTER PLAN OF MARION COUNTY, INDIANA – INDIANAPOLIS GREENWAYS FULL CIRCLE MASTER PLAN– is a true copy of a resolution adopted by the Metropolitan Development Commission of Marion County, Indiana, following a public hearing at a meeting of said commission of May 7, 2014, and that the original of said resolution is on file of record in the office of the Department of Metropolitan Development of Marion County, Indiana.

Witness my hand and official seal of the Metropolitan Development Commission of Marion County, Indiana this 7th day of May 2014.



Lena Hackett, Secretary
Metropolitan Development Commission
of Marion County, Indiana



World-class cities
have world-class greenways, and
this plan is part of the evolving vision
for a well-connected, world-class
Indianapolis.