

Kosciusko County
Interactive Recreational Map

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Introduction

Kosciusko County, an individual can live here for a lifetime and still not know all of the outdoor treasures this area has to offer. This charming county tends to reserve its riches for those willing to spend the time to seek them out and explore its many acres. It is the purpose of the Kosciusko County Interactive Recreational Map to give residents and visitors a map of the area that will provide them with the ability to plan their explorations and maximize their enjoyment of what our county has to offer.

Did you know that Kosciusko County has over 100 lakes, including Lake Wawasee which is the largest natural lake in Indiana? Including its access to Syracuse Lake, Lake Wawasee provides the community with more than 3,500 acres of water for year-round recreation.

Did you know that in the Town of Winona Lake there are over ten miles of exhilarating mountain bike trails waiting to be explored? These trails are located on 110 beautiful acres of the Chicago Boys Club, which has become one of the Midwest's most well known off road cycling stops.

Did you also know that the Tippecanoe River begins in Kosciusko County and provides over 40 miles of canoeing and kayaking routes within the county? Tippecanoe Lake is also the deepest lake in the state and feeds the river both east and west.

The purpose of this project is to assist individuals in accessing the recreational opportunities throughout Kosciusko County and this paper will help the reader to understand how the interactive map will benefit the communities.

The Kosciusko County Interactive Recreational Map will provide users with the ability to discover some of our county's recreational gems. Research has been completed by members of this team to uncover some of these recreational areas of interest. The research has been limited to pedestrian activities that can be performed without the use of substantial equipment and include the following: Canoeing and Kayaking, Running and Jogging, Hiking, Bicycling (including Mountain and Road), and Swimming. Information has been collected from groups, committees, and clubs within the county that specialize in these areas and have a vast knowledge of routes or locations that provide users with the most beneficial experience.

Our project began with a proposal provided by The Lake City Greenway Committee, which has provided the Warsaw area with approximately 5 miles of paved biking, running, and walking routes. The Lake City Greenway Committee proposed that the 2009-2010 Kosciusko Leadership Academy could map out recommended cycling routes that would connect communities in the county and include the three existing Greenways. The initial project proposal evolved into the Kosciusko County Interactive Recreational Map which expanded the original proposal to include more outdoor activities that would appeal to a larger audience. This report will present a description of the map, the development plan and cost analysis, proposal for funding and continued maintenance, and the research completed for each activity area.

Description of the Map and Suggested Layers Operation

The Kosciusko County Interactive Recreational Map has been presented to Mary Kittrell, Executive Director of the Kosciusko County Visitor's Bureau (KCVB) with the idea that this map would enhance the attractiveness of the Kosciusko area and will be a valuable resource for the visitor's bureau, whose goal is to promote the area and attract visitors and guests. This

proposal suggested that the KCVB include this map on the existing website, *Uniquely Kosciusko*, as a recreational information section. Website users could access the recreational map and benefit from the information, while the county could simultaneously use the map to promote what our county has to offer. In discussion with Mary Kittrell it was found that Image Group, Inc. of Syracuse was the creator of the current KCVB website and provided ongoing maintenance and development of the site. In response, this team set up a meeting with Image Group, Inc. to discuss specifics of the webpage being proposed.

After meeting with Image Group, Inc. developers to discuss and describe the team's ideas for the interactive map, it was suggested that the map should utilize a user-friendly flash based design which is commonly used on the web today. Flash based design is very intuitive in its functionality, which results in users finding it very easy to use and understand. It is also aesthetically very pleasing and professional in appearance. As an example, if you have ever utilized Google maps you will have an idea of the functionality of a flash based map design. When entering the website to the interactive map, the map will be the main portion of the page and will be of the entire county. Users will be able to drag the map east, west, north, and south and be able to zoom on any point within the map. This will allow users to pinpoint areas of specific recreational interest. The map itself will be a Google map inlaid in the page, it will not have the features of street, satellite, or terrain view or the links that are inlaid in the actual Google map; however it will have layers and links custom designed to the recreational activities featured.

On the side of the map a user will have the option to select one or more of the designated recreational layers. The layers provided for this map will be Canoeing and Kayaking, Running and Jogging, Hiking, Biking (mountain and road), and Swimming. Once a layer is selected it will

appear on the county map. For instance, if one selects the swimming layer all of the swimming locations within Kosciusko County will be identified with a swimming icon on the map. The user will then be able to linger their mouse pointer over an icon and a small flash window will appear that provides the user with a brief description of this location. Within this flash window the user will have the option to select “more detailed information” which will guide them to a full page description on the location. The full page description will provide specifics on options for the specific route or location, difficulty of this route or location if applicable, contacts or management of the area, cost for the activity, sponsors and groups, and other activity specific information. They will also be given the option to link to the actual Google map and receive detailed directions to the location from their current location. The description of this process will vary slightly based on the layer selected, for instance, the biking, running, and hiking layers will not be a location but rather an entire route highlighted on the map and then identified with the appropriate icon. Each layer will be color coded for easy recognition between the different layers so that when multiple layers are selected the user will be able to easily distinguish the activities.

Links to related local groups, clubs, and committees will be featured on the page and promote contact with some of the organizations maintaining and utilizing these routes and locations. The websites linked on the page will then return the support and provide a link to the Kosciusko County Interactive Recreational Map on their webpage. This will promote use by the current population already invested in the recreational activities featured. This relationship will hopefully foster an update schedule where members of the identified groups, clubs, or committees will provide the KCVB with updates on routes or locations.

Map Development

As discussed earlier it is proposed that the Kosciusko County Visitor's Bureau (KCVB) take ownership of the Interactive Recreational Map and include it on the current Visitor's Bureau website, *Uniquely Kosciusko* (www.koscvb.org). Due to this proposal production was researched with the current website development company utilized by the KCVB, The Image Group Inc. out of Syracuse, Indiana.

Members of the map research team met with the webpage development team from Image Group Inc. to discuss the goals, structure, and functionality of the actual map. The webpage development team quickly understood the desired end result and prepared an estimate describing the specific breakdown of the map. This is the specific breakdown of the map's functionality:

“Image Group will develop a flash interactive map of Kosciusko County's outdoor activities including swimming, biking, hiking, canoeing/kayaking, running, and walking. Each activity will have a selectable layer that will show or hide the activity options for that particular category. Each activity category can have up to 10 points of interests. Each point of interest will have a hot spot button and when the user places their mouse over the button a popup blurb will appear to reveal a brief description and a more info link. If the user clicks on the more information button, they will be taken to a full description page of the activity location including a photo and Google map link. KCVB will need to supply one photo for each point of interest, a three sentence short description for blurb call-out, long description copy for full details page, a Google map link with latitude/longitude reference points and a detailed map reference for each point of interest that are called out on the map.” (Image Group Inc. estimate 3/4/10)

In response to this breakdown the research team targeted and prepared the necessary data to create the three sentence short description, the long description of the location, and the specific location for each point of interest (see the above research sections divided per

recreational activity). Therefore the only item needed to be obtained by the KCVB staff will be a photo from each point of interest.

The functionality of this map will be very similar to the current functionality of the *Uniquely Kosciusko* website which will help users to feel comfortable with the utilization features. The functionality is often referred to as “flash-based” and is becoming the standard for webpage development. Flash-based allows the user to manipulate objects and links on the page, for instance, as the user hovers over the page a short description window will pop up, they can access that description window and then click on links inside. This is all due to the flash-based design of the page. This development does cost substantially more money but provides for a much cleaner and user friendly result which is desired by both the KCVB and the map research team.

The actual map that will be used for the interactive webpage will be inserted from the Google Maps system. Image Group, Inc. explained that Google will allow developers to inlay the mapping system into their sites free of any charges due to the fact that it will reference back to Google and will show on the actual map that it is copyrighted by Google. This map will then directly include the layers created by the web developer. These layers will include links to the actual Google Maps system where users can then access the “directions to” and additional views features of the standard Google Maps.

Each specific recreational layer will have up to 10 points of interest defined on the map when that layer is selected. The points of interest will be color coded in case multiple layers are selected at once and will also be identified by a small icon specifying which layer it is (for example: a bike icon for biking trails). Due to the fact that some points of interest are locations

and some points of interest are actual routes the actual layers may show up differently for each section. Swimming locations will simply be an icon on the map while a 5K race will show the entire route outlined on the map. This coding will allow users to easily manipulate multiple recreational activities at once and view them simultaneously in case they are planning events that overlap several activities.

Initial Funding and Maintenance Expenses

Image Group, Inc. estimated that if each recreational activity has an average of 10 points of interest the cost for initial production would be somewhere between \$6,300.00 and \$6,800.00. If one or more of the recreational activities had more or less than 10 points of interest this estimate would need to be adjusted.

The map research team anticipates the fund from the Jean Northenor Project Proud Award being available to help purchase the initial development of this project; however, even with this \$1,000.00 being utilized for initial cost there will still be substantial financial needs for development. Anticipating this, the research team began looking into alternative funding sources to help the KCVB counter some of these initial costs.

In funding discussions with Mary Kittrell, Executive Director, of the KCVB she stated that another funding possibility was that the KCVB could submit applications for grants that might cover the initial costs. As the research for this project is finalized and the development phase is begun the KCVB staff could pursue other foundations and funding sources for the initial costs of this project. Ms. Kittrell was very optimistic about the possibility of receiving substantial support from other funding sources. It is believed that due to this maps potential benefit for both visitors to the area and current residents it would be accepted for support.

Additionally, members of this team met with a member of the OrthoWorx Board.

“OrthoWorx is a Warsaw-based, industry, community and education initiative established to advance and support growth and innovation within the region's uniquely concentrated, globally significant orthopedics device sector. Founded in 2009, the initiative engages and enhances the broader community interests that both serve and depend upon the sector's continued growth by targeting an integrated set of educational, workforce, cultural, communication, branding, logistical and entrepreneurial efforts.” (www.biocrossroad.com ©2008)

The OrthoWorx initiative was recently awarded \$7 million from the Lilly Endowment to carry out the initiatives laid out in the overview, analysis and blueprint for future industry and community growth report prepared by BioCrossroads. Part of these funds may be used to support the community enhancement portion of this report. This research team believes that the Interactive Recreational Map could fit into the community enhancement portion of this report. The community enhancement description from the actual BioCrossroads report is included below:

“Cultural and recreational amenities including a farmer’s market, child care, adult education, youth education, access to extracurricular children’s activities such as music and art classes, and options for child care and pre-schools are crucial to the overall vitality of the region and can enhance or inhibit the industry’s ability to recruit and retain talent. An actual or perceived lack of amenities can act as an impediment to recruiting and retaining the top talent (and the talented families in which those individuals reside) and is essential to the long-term success of the orthopedics sector. Warsaw, as the industry center, with its small population and relatively isolated geography cannot support all of the amenities that may be desirable. However, by embracing a larger regional approach involving, for example, Fort Wayne and South Bend and surrounding counties, OrthoWorx can work to inventory and promote a broader set of amenities collaboratively. Analyses can also be conducted to identify gaps in entertainment, civic

and cultural programs and determine what additional amenities could be supported. Partnerships between Warsaw and contiguous cities could bring additional cultural opportunities to the area. Focused relationships with organizations such as The Fort Wayne Dance Collective, South Bend's HealthWorks Kids' Museum or the Snite Museum of Art could result in traveling exhibits and performances in Warsaw. Grace College, building on the base of its existing programs such as the Young Musicians Workshop, could serve as a natural link and host to such educational and cultural exhibits. By taking this more regional approach, a greater set of amenities could initially be both more feasible and more visible, with a greater chance of sustainability by reaching a broader audience." (Warsaw, Indiana: The Orthopedics Capital of the World. An overview, analysis and blueprint for future industry and community growth. Copyright © 2009, BioCrossroads - BC Initiative, Inc./CICP Foundation.)

During this conversation with the OrthoWorx committee member it was explained that the OrthoWorx board is currently not prepared to begin financial assistance to potential community projects at this time; however, this specific project might qualify for some form of assistance once the OrthoWorx initiative is developed. The committee member informed the team that he would discuss this possibility with the other members of the OrthoWorx board.

Other options for raising the initial money needed to develop this page could be found in the local groups, committees, clubs, and businesses benefiting from its creation. During the development discussions the option of providing links and advertisements for the local groups, committees, clubs, and businesses was considered. There could easily be columns on the side of the page featuring the various groups and providing details about coming events and links to their sites. The Village at Winona, Warsaw Parks Department, Syracuse Parks Department, Indiana DNR, Lake City Greenway, Trailhouse, Fat and Skinny Tire Fest, The KCV Cycling Club, and The Kosciusko Runners' Association are great examples of local groups, organizations, or businesses that could benefit from promotion on the interactive recreational

map page. If the KCVB staff decided that they would allow this type of promotion and advertisement on this portion of their site they could contact these various organizations and request financial support based on the advertisement and promotional benefit provided.

It would not be prudent to only consider the initial costs of this project and not look into the long term maintenance fees that may be associated with this type of webpage. It is the goal of this team to develop a product that is going to last and benefit the area for a long time. To do this, and do this well, future planning must be a primary portion of the development. During the initial discussions within Image Group this topic of continued funding and maintenance was discussed. Based on the fact that Image Group, Inc. currently maintains the KCVB website it was believed that an accurate quote for continued maintenance costs could be determined.

During the discussion with Image Group, Inc. developers informed the team that maintenance costs would not change based on the addition of this page, therefore KCVB would simply pay the current maintenance fees they already incur for the site and this would cover basic maintenance and upkeep of the Interactive Recreational Map. This means that there will be no increase in the cost of website maintenance after the development of this map; all costs will be included in the already established arrangement between Image Group, Inc. and the KCVB. Although basic maintenance will be covered by the current agreement any additions or changes to the points of interest the KCVB will likely incur additional costs on an hourly basis. It is strongly suggested that the KCVB budget funds for the updating of this map on an annual basis to ensure that the map stays current with the changing recreational activities and routes in the area. As a beginning point, our team has provided initial recreational activities, locations, and descriptions that would be included in the website for all five categories as follows: Canoeing

and Kayaking, Running and Jogging, Hiking, Bicycling (including Mountain and Road), and Swimming.

Canoeing and Kayaking Research

Do you enjoy floating around the lake or taking a float trip down the river in a kayak or canoe? Perhaps you want to take the boat out to do a little fishing, enjoying the quiet and solitude or taking pictures of the scenery and wildlife. But, you wonder, where can I launch my boat? Is there a ramp? What are the motor restrictions? What is the speed limit? Do they offer shore fishing? Is it ADA accessible? What are the coordinates of its location? What type of water do I want to float? This is the type of information that can be located on the Kosciusko County Interactive Recreational Map.

In Kosciusko County we have 28 public access sites available for use by residents and visitors; of these, only Waubee Lake charges a small fee. Additionally, 8 of the 28 sites have ADA accessibility including: Dewart Lake, Palestine Lake, Carr Lake, Winona Lake, Center Lake, Chapman Lake, Backwater Lake and Lake Wawasee. Currently there are multiple websites you can go to in order to find a little information here and a little information there; however, the Kosciusko Interactive Recreational Map would provide one site to get the combined information. By providing the information in one website location, people will spend less time surfing the web and more time enjoying our county.

For example, the Tippecanoe River is nourished by eighty-eight natural lakes. The drainage area for this river is approximately 1,900 square miles and the river itself flows for 166 miles bordered by lush fields and forests as it meanders through Kosciusko County. The hunting and fishing is wonderful along the riverbanks. As one floats down river they might observe

warblers, woodpeckers, heron, hawks, ducks and many other wild birds. Or perhaps catch a glimpse of white tailed deer as they come out of the woods to the river's edge to sip water. Pike, panfish, and bass thrive in this river and if you are not fishing for your lunch, you may get to see a bird or two swoop in for theirs. The Tippecanoe River is just one of the many areas in Kosciusko County that is quiet, surrounded by nature, and enjoyed by nature lovers of all ages.

Another great spot, a favorite of one team member, is to your canoe in for a float between Warsaw and State Road 19 at the Mollenhour Public Access Site adjacent to Old Highway 30 near the bridge over the Tippecanoe. This 10 mile section will take you through an interesting area with swamps and wetlands. Sections of it become very challenging to add interest by having low hanging branches and logjams. Along the way you will be able to see some beautiful sights as nature has planted willow, maple, sycamore, pine and oak trees along the river bank. The pick up area for this trip could be at Old Tip Town adjacent to Route 331. Some locations by coordinates for the river float are (41.14858, -85.54481), (41.14581, -86.02848), (41.17977531, -85.94850847), (41.12882, -86.07049). Using these coordinates you could map out a day trip of fun, adventure and beauty as you float along the Tippecanoe River through Kosciusko River.

Our beautiful lakes offer so many wonderful adventures for kayaking, canoeing and boating. The Interactive Map will be able to provide information such as location and motor size requirements to find a location that meets your needs. For example, Goldeneye Pond is located at coordinates (41.33489296, -85.664248) and only allows electric motors, has a ramp but is not ADA accessible. But, Chapman Lake located at coordinates (41.28166632, -85.7784339), does not have motor restrictions, has a ramp and is ADA accessible.

The Kosciusko Interactive Map will have additional website links to help plan the trip. One is <http://waterdata.usgs.gov/in/nwis/rt> to get stream flow data. When planning a trip get your information in order and use our Interactive Map to make your water activity decisions. A list of coordinates for launch sites and locations is included in the Appendix.

Running and Jogging Research

Are you a serious runner or are you a novice looking to get into shape? Are you looking for routes to run to train for a competition? If so, this information can be found on the Kosciusko County Interactive Recreational Map. This site will tell you where to find routes, the difficulty of the route, the incline, the surface, the distance, what the traffic patterns are like, possible parking options, and the directions to the route.

The three legs of the Lake City Greenway are excellent locations to begin. The Beyer Farm Trail is located just off of U.S. 30, is 1.2 miles long, and has a wooden boardwalk surface and an asphalt section at each end. The Chinworth Bridge Trail is located just off of Old U.S. 30 on the west side of Warsaw, is 1.9 miles long, and the surface is primarily asphalt. The Heritage Trail is located in Winona Lake and begins at Winona Avenue, 1.8 miles long, and the surface is primarily asphalt and concrete. (Copyright 2008 Greenways Foundation, Inc. Indiana Trails. *Lake City Greenway - Warsaw, Winona Lake*. Web. 4 February 2010)

The following two routes were provided during an interview with Bill Crane, from the Kosciusko Runners' Association. The Kosciusko Runners' Association currently has a webpage (<http://runkra.com/default.aspx>) which includes a listing of upcoming events that could be linked to the Interactive Recreational Map. A 5 kilometer route in Winona Lake begins east of the senior center on Park Avenue, start going North on Park Avenue to Administration Boulevard. Turn left and proceed around the island to Canal bridge, immediately after crossing the bridge

turn right on the Heritage Trail Greenway. Take the Greenway through to Park Avenue and follow to Stone Camp. Turn right and go to the end of the qua-de-sac and back, turning right back on the street to the Greenway. Turn right onto the Greenway for about two tenths of a mile (at approximately the 2nd mile), turn around at the marker and take the Greenway all the way back to Chestnut Street. Remain on Canal Street (at approximately the 3rd mile) to Park Avenue and then turn right to Park (3.1 mile mark).

Another 5 kilometer route that includes the Beyer Farm Trail Greenway begins at the emergency entrance sign on Provident Drive turning right on the Hospital Emergency road. Proceed to the stop sign and turn right onto Harrison Street, continue to Sheridan Street and turn right (the first stop sign is 1 mile mark). Continue on Sheridan Street to Cook Road and turn right at Arthur Street following the road around Pike Lake (the 2 mile mark is at the park restroom building). Follow the road to the right, turning left at the potted plants and follow the asphalt path to the Greenway Boardwalk. At the end of the boardwalk turn left and finish at the Beyer Farm Trailhead parking lot, this is the 3.1 mile mark. Parking is available at the trailhead, which is located on Provident Drive across the street from the KCH Health and Wellness Building. The route is a fairly flat and easy run on all paved roads for runners and walkers. This route is also used by the KCH Health and Wellness Center for their June and November 5K Walk/Run competition, contact the KCH Health and Wellness Center for dates and times at 574-372-7890.

Hiking Research

The Glenwood Nature Preserve, the Wildwood Nature Preserve, and Bock Nature Preserve are three Nature Preserves in Kosciusko County and are part of the Acres Land Trust and are “Protected by Man – Managed by Nature.” They share the following usage rules: pets

on leash, no fires, camping, hunting or fishing, axes, saws, shovels, or firearms. Also, bikes, horses, and motorized vehicles are prohibited. There is no charge to use these areas.

The Glenwood Nature Preserve can be found by starting at the intersection of U.S. 30 and S.R. 15. Go West 6.8 miles to County Road 700 W and then go North 4.2 miles. The Preserve entrance is straight ahead on the Northside of 650 N. Glenwood contains a circum-neutral bog, one of only fifteen in Indiana. The bog once was a lake, but it is now nearly filled with a springy mat of mosses, ferns and sedges resting on a bed of peat. Poison sumac, pin oaks, willows, and red maple surround the bog area. In the forest around the bog grow Canadian mayflower, shiny club moss, sarsaparilla, and cinnamon, crested shield and royal ferns. The preserve is noted for spectacular fall color. The Preserve was acquired in 2003 and contains about 37 acres. The hiking trail is about 0.8 miles long and is rated easy. (Acres Land Trust. *The Glenwood Nature Preserve Guide*. Web. 3 March 2010.)

The Wildwood Nature Preserve can be found by starting at the intersection of U.S. 30 and S.R. 15. Go South 13.8 miles to S.R. 14 in Silver Lake and go East 3.3 miles, the entrance is on the Southside of the road. The Wildwood has nearly 238 acres and was acquired in 2002. It has a small pond surrounded by forest, vernal pools scattered beneath the trees, a pine planting, numerous wetlands, and a prairie. There are numerous species of wildflowers as well as birds from wood ducks on the pond to several species of woodpeckers in the woods, including red-headed and pileated. The total trail length is 4.8 miles and is moderately difficult. (Acres Land Trust. *The Wildwood Nature Preserve Guide*. Web. 3 March 2010.)

The Bock Nature Preserve can be found by starting at the intersection of U.S. 30 and S.R. 15. Go South 13.8 miles to S.R. 14 in Silver Lake and go West 7.2 miles, the entrance is on the Eastside of the road approximately half a mile after S.R. 14 takes a 90 degree turn south. This

Preserve was acquired in 2007 and contains just under 47 acres of land with 1.1 miles of easy hiking trails. The beech-maple woods on it has not recently cut over, though sap was harvested from the maples and boiled down into syrup. There are also tulip, sycamore, black cherry, and blue ash trees. The blue ash is an unusual tree in the area. Glaciers grinding over the area left several depressions that are now small ponds, the largest is approximately 1.5 acres in size. Flowering trillium blooms are abundant in the spring. There is also a field where tall grass prairie plants have been established. (Acres Land Trust. *The Bock Nature Preserve*. Web. 3 March 2010.)

Biking Research

An interest in biking in Kosciusko County as a form of recreation as well as an economical, alternative means of transportation has steadily increased in recent years. Biking also encourages better health and well-being. Based on this information, it was important to our team that biking and Kosciusko County shared a common bond. Part of our goal was to incorporate biking routes throughout the county's region and a way to bring those routes together in a manner conducive to giving the Interactive Recreational Map user a larger window to their world.

The Lake City Greenway was used as the starting, or central location, for the biking portion of the Kosciusko County Interactive Recreational Map. As mentioned earlier, the original project proposal was the expansion of the Lake City Greenway and connecting the towns in Kosciusko County surrounding Warsaw and Winona Lake. As our project evolved, the focus became providing a quick and easy to use resource for accessing the different recreational options throughout Kosciusko County. Members of our team met with several groups and

organizations and researched websites specific to the biking routes available to Kosciusko County residents and visitors. Like many research projects, our team discovered an interesting obstacle. During our conversations with Alan Alderfer, the President of the Kosciusko County Velo Cycling Club, and the Vice President, Greg Demopolous, we discovered that while Kosciusko County offers over a thousand possibilities for biking enthusiasts, very few safe, established routes truly exist. Both of these men were passionate about biking and shared a number of concerns with our team. Greg stated that, “Every kid should be able to ride a bike to school,” while Alan added, “and people should feel safe riding their bike to work if they that’s what they want to do.” Emphasizing safety was of primary interest to Alan and Greg and they both saw the immediate advantages of having an Interactive Recreational Map for Kosciusko County. Alan further stated that the KCV Cycling Club’s vision to showcase the local and surrounding communities would be easier to achieve with the incorporation and availability of an online county recreational map.

In order to develop a biking layer for the recreational map the members of the KCV Cycling Club suggested that the Lake City Greenway, specifically the Heritage Trail and the Village of Winona (Old Boys Club) Mountain Biking Trail, serve as the central location. Further development of the biking layer would expand to the four main areas or “quadrants” surrounding the central location. These areas could provide the user with a direct route to one of the surrounding towns or a full loop from the central location to a nearby town and back again. These routes are still in development.

The three Lake City Greenways were mentioned earlier; however, The Heritage Trail of Winona Lake provides a central route location that begins at the intersection of Winona Avenue, Kings Highway, and Argonne Road (northeast tip of Winona Lake). There is public parking

located along Park Avenue at Winona Lake Park and the surfaces are of asphalt, concrete, and gravel. The Heritage Trail begins at Winona Avenue and continues through downtown Winona Lake along Canal Street to Roy Street and includes the area of the Old Chicago Boys Club. As a part of the Lake City Greenway, the Heritage Trail, Beyer Farm Trail, and Chinworth Bridge Trail are managed by the Warsaw Parks Department and are considered an extension of the Village of Winona. Eventually, more extensions, trails, and connections will be developed and added to the Lake City Greenway.

If an individual is looking for off road trails, The Village at Winona (Old Boys Club) Mountain Biking Trails will meet your needs. To reach these trails from U.S. 30 at Warsaw, take Center Street west to Argonne Road and turn left. Continue under the viaduct, through the traffic light and onto Park Avenue, which runs along side beautiful Winona Lake. Continue south on Park Avenue until turning left onto Boys City Drive. Follow Boys City Drive to the roads end at the entrance to Chicago Boys Club property. This is the same public parking area for the Heritage Trail of Winona Lake. These trails are 10 miles in length, and the skill level ranges from Beginner to Advanced, depending on the trail chosen. As it is always recommended that a helmet be worn when biking, it is mandatory that individuals using the Old Boys Club Mountain Biking Trails wear a helmet.

There are a variety of trails available through this diverse terrain. Some of the paths offer smooth, flat terrain with wide turns while others involve steep downhill and tight, hairpin turns. Many of the trails are full of rocks, logs, stumps, and roots. This ten mile area includes a water crossing, a ramp over a small ravine, and a suspended bridge that can become increasingly slippery and hazardous when conditions are wet. There is a side trail marked by a “Caution”

sign that is extremely difficult. A loop trail on the east side of the creek is designed to be ridden by following the marked arrows clockwise.

Additionally, the KCV Cycling Club also provided an Eastern Loop from Winona Lake to Pierceton and a Western Loop from the City County Athletic Complex (CCAC) in Warsaw to Mentone. At the time of this report, a southern loop to Silver Lake was negotiated; however, details regarding the Southern loop are being finalized. Also, a northern loop to North Webster and an extended route to Syracuse are underway.

Easter Loop: Winona Lake to Pierceton

This route is approximately 25 miles long with a 680 foot elevation gain. The ride will last approximately 1.5 hours and has a moderate difficulty. The route is dog free, slight rollers, mostly flat, and fast loop with rest and water resources in Pierceton with available shopping and various points of interest. This route begins at The Heritage Trail Greenway/Chicago Boys Trailend. Ride Southeast on Greenway to Roy Street, turn left on Roy Street until it becomes William Street. Take Williams Street to East 225 South and turn left. Continue to 4-way stop and then take right onto Packerton Road. Follow Packerton Road to East 400 South and turn left to South 450 East. Continue on South 450 East and turn left onto East 350 South, follow and turn right to South 700 East. Turn left into town of Pierceton and then begin to loop back.

Western Loop: Warsaw CCAC to Mentone

This route is last approximately 1.5 to 2.0 hours and has a moderate to increased skill difficulty. The route is dog free and has more rolling hills then Eastern Loop above. There are rest and water resources in Mentone. Begin at CCAC, which is located just off of Old U.S. 30 and part of The Chinworth Bridge Trail Greenway. Leave the CCAC and head west on West

100 North. Turn left to Parks Schram Road and continue until you reach Crystal Lake Road and turn right. Continue on Crystal Lake Road and turn left onto 800 heading south. Then turn right on West 25 South and then left on 950. Turn right on West 25 South and then left on 950. Turn right on West 200 South and then left onto S.R. 19 into Mentone. Once you arrive in Mentone, take a right onto North Elm and then a left onto S.R. 19 to loop back.

Swimming Research

The research done for the swimming locations focused on public swimming locations within Kosciusko County. All of the locations described throughout this section are locations that are specifically designed to be public access swimming facilities. For each featured swimming location the reader will be provided with specific directions to the location from a major road in close proximity to the actual location, an explanation of the public access status, amenities provided at the location and specifics on the lifeguard schedule for the location.

Swimming Location 1: Center Lake Public Beach

The center lake public beach is located in the heart of Warsaw just north of the downtown area. This public beach is maintained by the Warsaw Parks department and is within a major parks facility including the Center Lake Pavilion, the Biblical Gardens, and Center Park. During the summer months this park is being constantly used by the local community, whether it is a group of teenagers going for a swim or a family coming to enjoy a picnic by the waters. This beach is likely one of the busiest beaches in the county throughout the summer months.

To get to the Center Lake Public Beach take 15 North (N. Detroit St.) through Warsaw; turn left on E. Canal St. just north of McDonalds. Public Beach will be immediately to the right. Parking for the beach is on both sides of street.

This beach is always open to the public from dusk to dawn and requires no special permissions to access it. Some of the facilities within this park complex do require reservations or charge rental fees. These facilities would be the Center Lake Pavilion which does charge a rental fee for usage, the Bixler Park pavilion can be reserved, and the Biblical gardens are free to access but do require reservations for guided tours.

The amenities of this location include various picnic areas, a large and multi faceted playground, boys and girls public restrooms, vending machines for cold beverages, a water fountain, tennis courts, basketball courts, charcoal grills, horseshoes, The Biblical Gardens, a large concrete pier with a diving board, pavilion rental, and occasionally throughout the summer a concessions booth. Lifeguards are provided from Memorial Day to Labor Day; M-F 10:30 am – 6:00 pm, Sat-Sun 11:30 am – 6:30 am. For more information on the Center Lake Public Beach visit www.warsawcity.net or contact the park offices by phone by dialing 574-372-9554.

Swimming Location 2: Pike Lake Public Beach

The Pike Lake Public Beach is located just across SR 15 northeast of the Center Lake Public Beach. Pike Lake Park is nestled between the Oakwood Cemetery and Pike Lake and includes a small recreational camper park. This beach is maintained by the Warsaw Parks Department and is linked to the Beyer Farm Trail, a portion of Lake City Greenway System, and Beyer Park which provides patrons with multiple fishing locations along the south eastern portion of the lake.

To get to the Pike Lake Public Beach take SR 15 North (N. Detroit St.) through Warsaw. Turn right on Arthur St. just north of the Pizza Hut. Continue straight on Arthur St. through two stop signs. After the curve Pike Lake Park will be on the left hand side of the road. You will see

Beyer Park on your left before you actually arrive at Pike Lake Park, they are connected but there is no swimming access within Beyer Park.

This beach is always open to the public from dusk to dawn and requires no special permissions to access it. The Recreational Camper Park does require payment and reservations are suggested.

The amenities at this location include a large and spread out Picnic area between Beyer and Pike Lake Park, a small playground right on the beach, boys and girls restrooms, vending machines for cold beverages, a water fountain, a large concrete pier with a diving board, a bench swing right off of the beach that is great for parents monitoring their children as they swim, charcoal grills, and access to the Lake City Greenway System Beyer Farm Trail boardwalk which includes an educational walk through one of Kosciusko County's many wetlands. Lifeguards are provided from Memorial Day to Labor Day; M-F 10:30 am – 6:00 pm, Sat-Sun 11:30 am – 6:30 am. For more information on the Center Lake Public Beach visit www.warsawcity.net or contact the park offices by phone by dialing 574-372-9554.

Swimming Location 3: Winona Lake Public Beach

The Winona Lake Public Beach is located in the Town of Winona Lake just southeast of the City of Warsaw. Winona Lake is commonly known for the Village of Winona, a thriving arts community located just north of the Public Beach and Grace College and Theological Seminary a Private College located within the town. The Winona Lake Public Beach is one of the many stops on the Heritage Trail of Winona Lake portion of the Lake City Greenway which includes a peaceful walk through the Chicago Boys Club Camp. The Chicago Boys Club Camp is most widely known for its highly praised mountain biking trails. If you are looking for a distinctive

experience in a quaint and historical town plan a trip to the Winona Lake area and take a swim at the public beach. This beach is maintained by the Winona Lake Parks Department.

To get to the Winona Lake Public Beach head west on US 30 through Warsaw and take a left at the E. Center St. stop light. Proceed west on E. Center St. until the second stop light. This intersection is Argonne Rd. Turn left (south) on Argonne Rd. Follow Argonne Rd. past one stop light and under a railroad under pass, at the second light Argonne Rd turns into Park Ave., continue on Park Ave. for approximately 0.7 miles, public beach will be on your right. Parking is located at both the south and north end of the park.

This beach is always open to the public from dusk to dawn and requires no special permissions to access it. Some of the facilities within this park complex do require reservations or charge rental fees. These facilities would be the Winona Lake Pavilion/Senior Center which does charge a rental fee for usage, a small pavilion which can be reserved, and several small guest houses located within the park which can be rented through the parks department.

Amenities at this location include a large picnic area, a recently remodeled playground, boys and girls restrooms, vending machines for cold beverages, a water fountain, two tennis courts, Basketball courts, several bench swings, charcoal grills, two beach volleyball courts right on the lake, access to the Heritage Trail of Winona Lake portion of the Lake City Greenway System, access to the Village of Winona Arts Community, a small pier, canoe rentals, and pavilion rental. Lifeguards are available between Memorial Day and Labor Day. Additional information can be found at www.winonalake.net or by calling the parks department at 574-267-7581.

Swimming Location 4: Lakeview Park on Syracuse Lake

Lakeview Park Public Beach is the main swimming location for the Syracuse/Wawasee area and is also considered the backbone of the municipal parks in Syracuse. This beach is located just to the northeast of the Syracuse downtown area on the northwest corner of Syracuse Lake. This area is shaded by a collection of mature canopy trees and bordered by a stunning arrangement of Saucer Magnolias. Syracuse Lake is connected to Wawasee Lake, which is the largest natural lake in the state of Indiana, causing the area to be very busy and entertaining in the summer months. Syracuse is the second largest community in Kosciusko County and provides patrons with a wide variety of shops and attractions. Lakeview Park Public Beach is just across the street from the beautiful Syracuse Community Center, which holds multiple groups and functions throughout the year. Decorative antique lamp-posts positioned throughout the park grounds light the park at night and are decorated with lighted garlands during the Christmas season. This beach is maintained by the Syracuse Parks and Recreation Department.

To get to the Lakeview Park Public Beach in Syracuse take US 30 East towards Fort Wayne from the Warsaw area. Turn left (north) at the SR 13 junction and follow SR 13 approximately 17 miles to the town of Syracuse. Turn right (northeast) on W. Main St., W. Main St. then turns to the left and becomes N. Long Drive. Parking will be on the left hand side of Long Drive directly across from the Syracuse Community Center.

This beach is always open to the public from dusk to dawn and requires no special permissions to access it. Some of the facilities and activities within this park do require reservations or charge rental fees; these would include the Community Center, Beach Pavilion, and Bass Tournament which all require prior reservations.

Amenities at Lakeview Park include a picnic area, beach pavilion rental, a Bass Fishing Tournament, Community Center rental and reservations, a on beach playground, gazebo, boys and girls public restrooms, drinking fountains, access to the Syracuse-Wawasee Trail System, close proximity to the downtown shopping area, and charcoal grills. Lifeguards are provided from Memorial Day to Labor Day, times not specified. For more information on this location go to www.syracuseparks.org or call the park office at 574-457-3440.

Swimming Location 5: Hoy's Beach on Syracuse Lake

Hoy's Beach is a 0.2 acre public beach on the Henry Street Easement on Syracuse Lake. This beach is a small neighborhood park that is typically used for picnics or swimming in the summer months due to its shade provided by large canopy trees.

To get to Hoy's Beach on Syracuse Lake take US 30 East towards Fort Wayne from the Warsaw area. Turn left (north) at the SR 13 junction and follow SR 13 approximately 17 miles to the town of Syracuse. Turn right (northeast) onto E. Henry St. and stay on Henry St. until it comes to a T. Directly in front of you is Lakeside Park, there is minimal parking directly across the street.

This beach is always open to the public from dusk to dawn and requires no special permissions to access it. Amenities at this location are limited but include a comfortably shaded picnic area with sitting benches, picnic tables, and charcoal grills. This swimming location is not lifeguard supervised and requires patrons to swim at their own risk. For more information on this location go to www.syracuseparks.org or call the park office at 574-457-3440.

Swimming Location 6: Yellow Creek Lake Camp Beach

The Yellow Creek Lake Camp Beach is located at the YCL Ministries Campgrounds on Yellow Creek Lake in Claypool, Indiana. This lake is situated on the west side of SR 15 and is easily accessed by both US 30 and US 31. If you are looking for a reserved swimming location to enjoy with your family this beach is the perfect destination. This beach is maintained by the YCL Ministries.

Yellow Creek Lake Camp Beach is open to the public during camp hours; however, YCL Ministries requests that all patrons sign in at the camp office and obtain permission prior to using the facilities.

To get to this swimming location take SR 15 south towards Silver Lake from Warsaw. Turn right (west) on W. 700 S. at the Claypool junction, after approximately 3.8 miles turn left (south) on S. 700 W. At the T turn left (east) on W. 900 S. this road will come to a T, at the T turn left (north) this is the Yellow Creek Lake Camp entrance. This is one of the more difficult locations to find and it is suggested that patrons call the camp for directions or print a map off prior to leaving for this destination.

Amenities included at this location are a small picnic area with a few picnic tables, sitting benches, piers, a floating trampoline and floating mountain (these are taken out each winter), and public boys and girls restrooms. This swimming location is not lifeguard supervised and requires patrons to swim at their own risk. For more information on this public swimming location go to redwoodit.net/ycl or contact the camp office at 574-491-3075.

Swimming Location 7: Dewart Lake Beach at Camp Quaker Haven

The Dewart Lake Beach is located within the campgrounds of Quaker Haven Camp. Quaker Haven Camp is a member of the Christian Camp and Conference Association and has

several camping programs throughout the year. Quaker Haven is located between North Webster and Syracuse on the southeast side of Dewart Lake. Dewart lake is one of Indiana's cleanest glacier lakes and provides 550 acres of water surface. This beach is maintained by the Quaker Haven Camp Administration.

To get to the Quaker Haven campgrounds head north on SR 15 toward Milford from the Warsaw area. Turn right (east) at W 900 N, stay on this road until it comes to a T (N 300 E). At the T turn right (south) and then immediately left (east) on E 850 N (Defreeze Rd). Stay on E 850 N for 2.2 miles until it comes to a T (N 500 E), turn left (north) onto N 500 E. Stay north for ½ a mile and then turn left on E 900 N (EMS D16 LN). This will lead you to the entrance of Camp Quaker Haven.

This beach is not always open to the public and camp administration approval is required before public use. Camp Quaker Haven is a year-round facility and does not allow the use of their beach when camp is in session and the beach is being accessed by campers. It is highly advised that you call ahead before attempting to swim at this location. RV and tent camping, lodge rental, cottage rental, and cabin rental all require reservations and payment.

Amenities at this location include a picnic area, a medium sized playground, boys and girls public restrooms, a grass volleyball court, a floating raft with a diving board attached, a pier slide, horseshoes, a large grassy area for other recreational activities, an RV and tent camping area, and Lodge, cottage, and cabin rentals. Lifeguards are available during camp hours.

Swimming Location 8: Waubee Lake Public Beach

Waubee Lake is located just southeast of the town of Milford and due west of Wawasee Lake. The public beach is a medium sized park located on the northern tip of Waubee Lake. This beach is maintained by the Town of Milford.

To get to Waubee Lake Public Beach Take SR 15 North from Warsaw towards Milford. Turn right (east) on W. 1150 N. (Waubee Rd.) before Milford. Go straight through the stop sign, after the stop sign go approximately ½ mile and then turn right (south) on E. Camp Mack Rd. The public beach will be approximately 0.2 miles ahead on the right (west). Parking will be available to the left (east) in a gravel parking lot.

This beach is always open to the public from dusk to dawn and requires no special permissions to access it. Amenities at this location include a picnic area, small playground, adult swings, boys and girls public restrooms, a basketball court, beach volleyball, outside showers and faucets for cleaning, and a pavilion available for use and reservations. Lifeguard supervision is provided during the summer months.

Conclusion

In summary, Kosciusko County has a large variety of outdoor recreational resources and the Kosciusko County Interactive Map would be a great addition to the Kosciusko County Visitor's Bureau website. The team feels that this project will not only support tourism but also serve residents by helping them find outdoor recreation throughout our county. This easy to use map will be maintained by the Kosciusko County Visitor's Bureau (KCVB) and added to their existing website. The initial funding to begin the Map development will begin with the \$1000 Jean Northenor Project Proud Award. Other funding will be from KCVB grant opportunities, potential funds from the Lilly Endowment, and additional funding from local groups,

committees, and clubs through promotion and advertisements. This project is sustainable, aside from the initial start up costs the Map would be included in the monthly website maintenance expenses already incurred by the KCVB. Revisions or additions to the Map can also be made at an hourly rate that the KCVB would need to allow for in their annual operating budget.

By providing multiple activities, this team believes that this tool would be very beneficial to individuals of all ages and of varying recreational interests. A parent that wants to take their small child for a walk in their stroller could access the map and find a quiet, safe, and even surface, such as The Beyer Farm Trail Boardwalk. The serious cyclist could use this Map to find a moderately challenging cycling route. The marathon runner in training could use this site to find an easy to follow route, like the 5 kilometer route that includes The Heritage Trail Greenway in Winona Lake. A novice photographer could use the map to find nature in its best by using the map to find The Glenwood Nature Preserve for an afternoon of beautiful scenery. Whatever your outdoor interest, water or land, you will find it here.

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Appendix

Activities/Maps

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Canoeing and Kayaking Locations in Kosciusko County

<p>Name: Allen Lake Site name: Allen Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.36224746, -85.67586637</p>	<p>Name: Backwater Lake Site name: Backwater Lake Ramp: Yes ADA Access: Yes Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.31620566, -85.66996492</p>
<p>Name: Barrel & 1/2 Lake Site name: Barrel & 1/2 Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.3583658, -85.67367829</p>	<p>Name: Bass Pond Site name: Bass Pond Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.34708656, -85.68595111</p>
<p>Name: Beaver Dam Lake Site name: Beaver Dam Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Open boating from 1pm to 4pm, otherwise 10 mph speed limit Shore fishing: Yes Fee: No Coordinates: 41.09345253, -86.97035427</p>	<p>Name: Bufflehead Pond Site name: Bufflehead Pond Ramp: No ADA Access: No Motors: None Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.33212684, -85.6518264</p>
<p>Name: Carr Lake Site name: Carr Lake Ramp: Yes ADA Access: Yes Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.16003055, -85.86593961</p>	<p>Name: Center Lake Site name: Center Lake Ramp: Yes ADA Access: Yes Motors: Yes Motor restrictions: 10 mph speed limit Shore fishing: Yes Fee: No Coordinates: 41.24220569, -85.85663171</p>

Canoeing and Kayaking Locations in Kosciusko County

<p>Name: Chapman Lake Site name: Chapman Lake Ramp: Yes ADA Access: Yes Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.28166632, -85.7784339</p>	<p>Name: Dewart Lake Site name: Dewart Lake Ramp: Yes ADA Access: Yes Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.37394617, -85.78509131</p>
<p>Name: Goldeneye Pond Site name: Goldeneye Pond Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.33489296, -85.664548</p>	<p>Name: Grassy Creek Site name: Grassy Creek Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.30762561, -85.73504034</p>
<p>Name: Hammond Lake Site name: Hammond Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.36366129, -85.67583771</p>	<p>Name: Kuhn Lake Site name: Kuhn Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.28975739, -85.68859507</p>
<p>Name: Lake Wawasee Site name: Lake Wawasee Ramp: Yes ADA Access: Yes Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.37817762, -85.67006623</p>	<p>Name: Palestine Lake Site name: Palestine Lake Ramp: Yes ADA Access: Yes Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.17977531, -85.94850847</p>

Canoeing and Kayaking Locations in Kosciusko County

<p>Name: Pike Lake Site name: Pike Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.2484914, -85.8412095</p>	<p>Name: Price Lake Site name: Price Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.34642203, -85.67747799</p>
<p>Name: Robinson Lake Site name: Deniston Natural Resources Ramp: No ADA Access: No Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.22764927, -85.64875822</p>	<p>Name: Shock Lake Site name: Shock Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.35549598, -85.69276336</p>
<p>Name: Spear Lake Site name: Spear Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.35702911, -85.6646869</p>	<p>Name: Syracuse Lake Site name: Syracuse Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.42262237, -85.74486146</p>
<p>Name: Tippecanoe River Site name: Mollenhour Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.24335338, -86.04809477</p>	<p>Name: Waubee Lake Site name: Waubee Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: Yes Coordinates: 41.39488766, -85.83555076</p>

Canoeing and Kayaking Locations in Kosciusko County

<p>Name: Winona Lake Site name: Winona Lake Ramp: Yes ADA Access: Yes Motors: Yes Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.2336672, -85.84857109</p>	<p>Name: Winona Lake Site name: Winona Lake Pier Ramp: No ADA Access: Yes Motors: No Motor restrictions: No Shore fishing: Yes Fee: No Coordinates: 41.22219353, -85.82206063</p>
<p>Name: Wyland Lake Site name: Wyland Lake Ramp: Yes ADA Access: No Motors: Yes Motor restrictions: Electric only Shore fishing: Yes Fee: No Coordinates: 41.34255141, -85.6800543</p>	

Canoe Liveries

Smokey's Landing
802 S. Lakeside Drive
Syracuse, In.

Boat Rentals and Leasing

Bell Marine
1013 S. Huntington St.
Syracuse

Fisherman Cove Resort
340 E. Huntington St
N. Webster

Triple A Boat Rental
9203 E. Hatchery Rd.
Syracuse

5k run/walk in Winona Lake

Start/Finish Line is directly East of the Senior Center on Park Avenue.

- 1) Start going North on Park Avenue to Administration Blvd.
- 2) Turn Left [West] all the way around Island to Canal bridge
- 3) Immediately after crossing the bridge, turn Right [South] on Greenway
- 4) Take Greenway through Park to Park Avenue [Approx. 1st mile]
- 5) Go on Park Avenue to Stone Camp
- 6) Turn Right and go to end of qua-de-sac and back
- 7) Turn Right back on street to Greenway
- 8) Turn Right onto Greenway for about 2/10th of a mile [Approx. 2nd mile]
- 9) Turn around at marker and take Greenway all the way back to Chestnut
- 10) Stay on Canal Street [Approx. 3rd Mile] to Park Avenue and turn Right to Park [3.1 mile mark]

4 Miler run/walk in Winona Lake

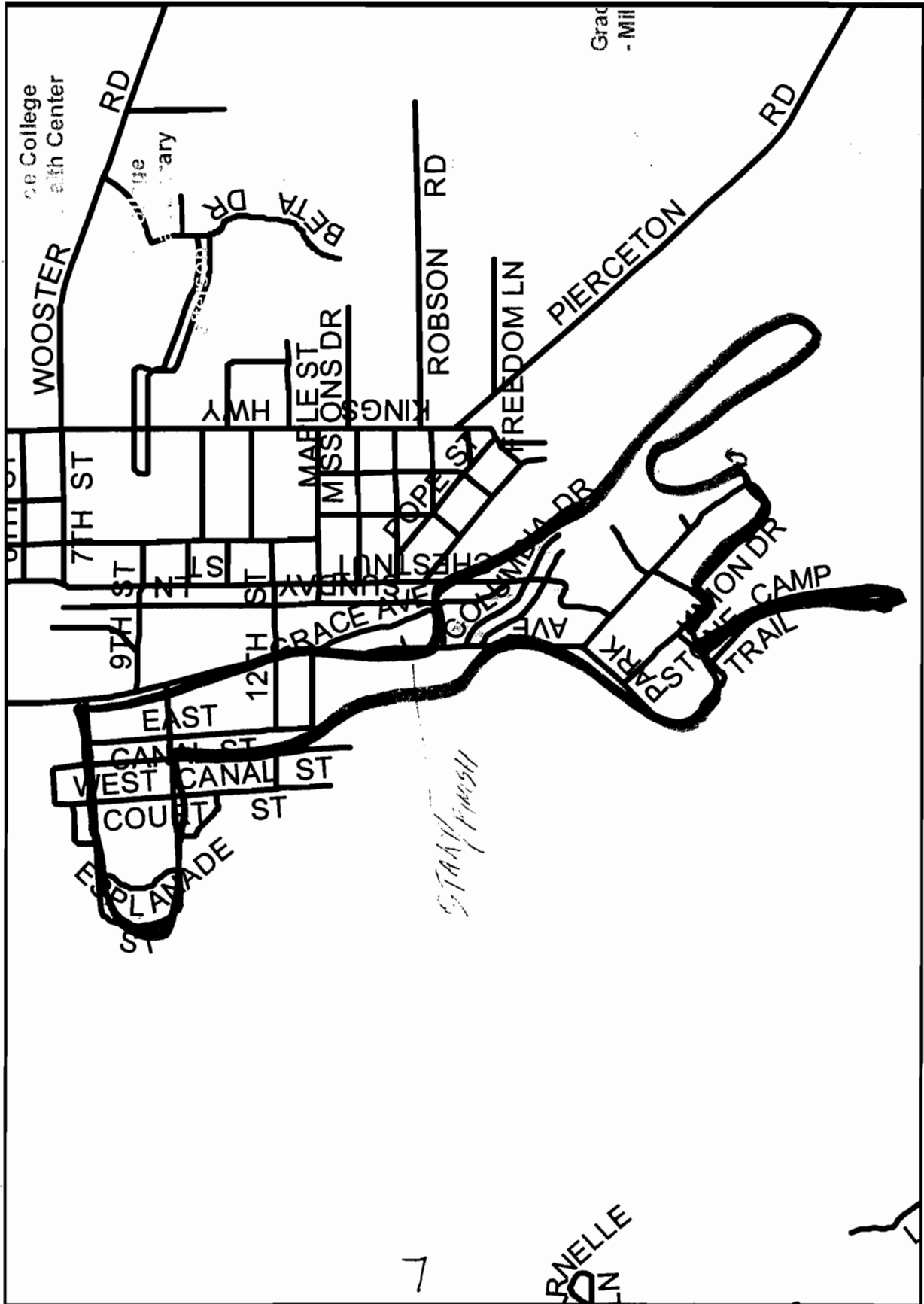
Start/Finish Line is directly in front of Post Office

- 1) Start going South on Park Avenue to Administration Blvd.
- 2) Turn Right [West] and go all the way around island to Avenue
- 3) Turn Right on Park Avenue and go all the way to Stone Camp
- 4) Turn Right and go to end of qua-de-sac and back
- 5) Turn Right back on street to Greenway
- 6) Turn Right onto Greenway for about 2/10th of a mile [Approx. 2nd mile]
- 7) Turn around at marker and take Greenway all the way back to Chestnut.
- 8) Turn Right on Chestnut and go up hill to old Winona Hotel [Condo's]
- 9) Go around Condo and turn left on Park Avenue to Post Office

CONTACT ! WWW.RUNKRA.COM
1-317-268-1263
BILL CRANE

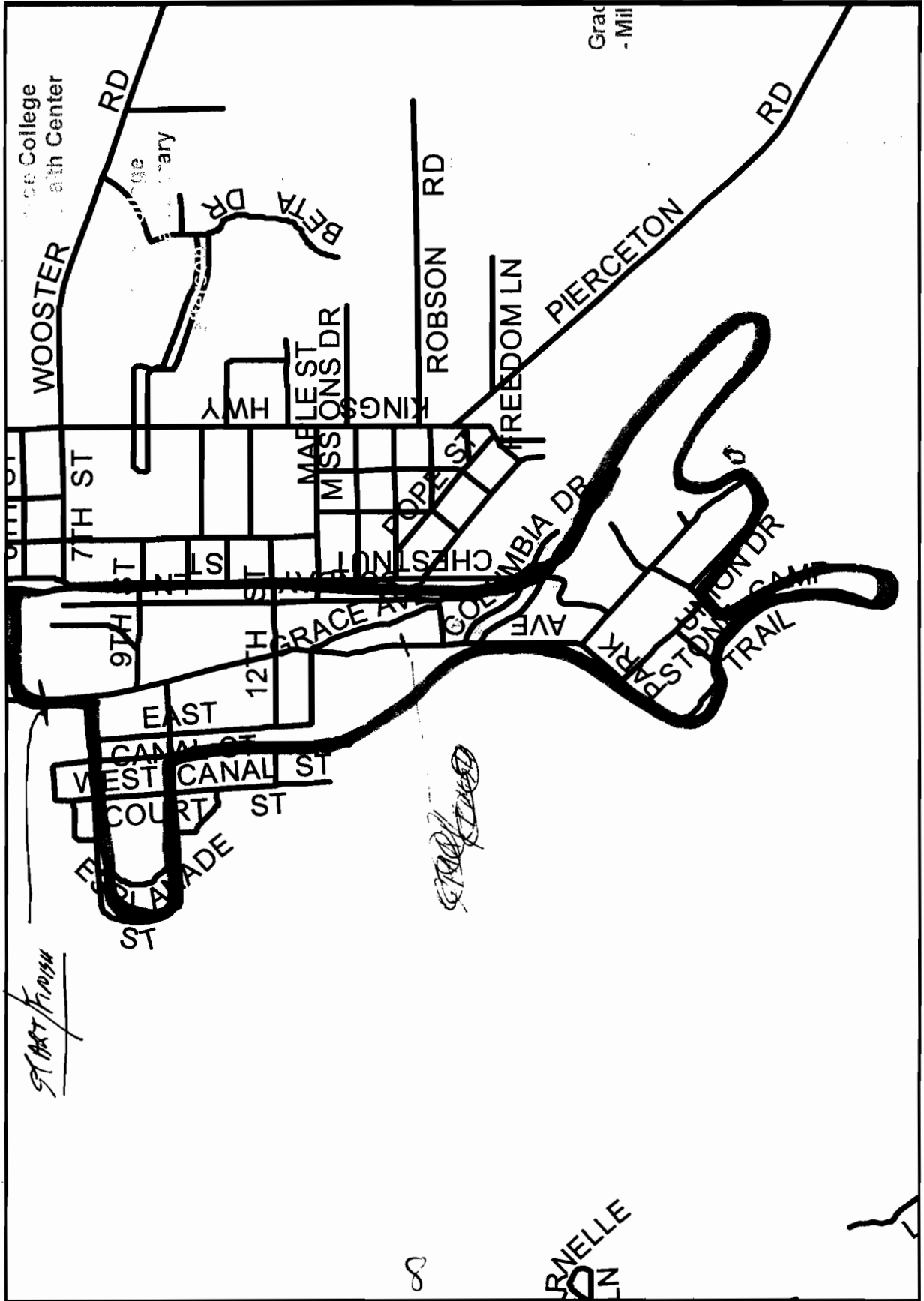
5K

200%



4 MILES

200%



5K Run/Walk in Warsaw

- 1) Start at Bowen Inpatient/Emergency Entrance Sign on Provedent Dr. Heading north on Provedent Dr. turning right on Hospital Emergency road.
- 2) Proceed to Stop sign and turn right onto Harrison St.
- 3) Continue to Sheridan and turn right, (at first stop sign is 1 mile mark)
- 4) Continue on Sheridan to Cook Rd.
- 5) Turn right heading to Pike Lake Campground
- 6) Turn right at Arthur St. following road around Pike lake
- 7) 2 Mile mark is at the Park's Restroom building
- 8) Follow road to the right, turning left at the potted plants and follow path to the boardwalk
- 9) At the end of the boardwalk turn left and finish at the Beyer Farm Trailhead parking lot which is the 3.1 mile mark.

Parking ; Use parking lot at Beyer Farm Trailhead on Provedent Dr. across the street from the KCH Health & Wellness and MedStat Building

Difficulty: This is a fairly flat and easy run on all paved roads for runners and walkers

This route is used by KCH Health and Wellness Center for their June and November 5K Walk/Run competition. Contact the Center for dates and times

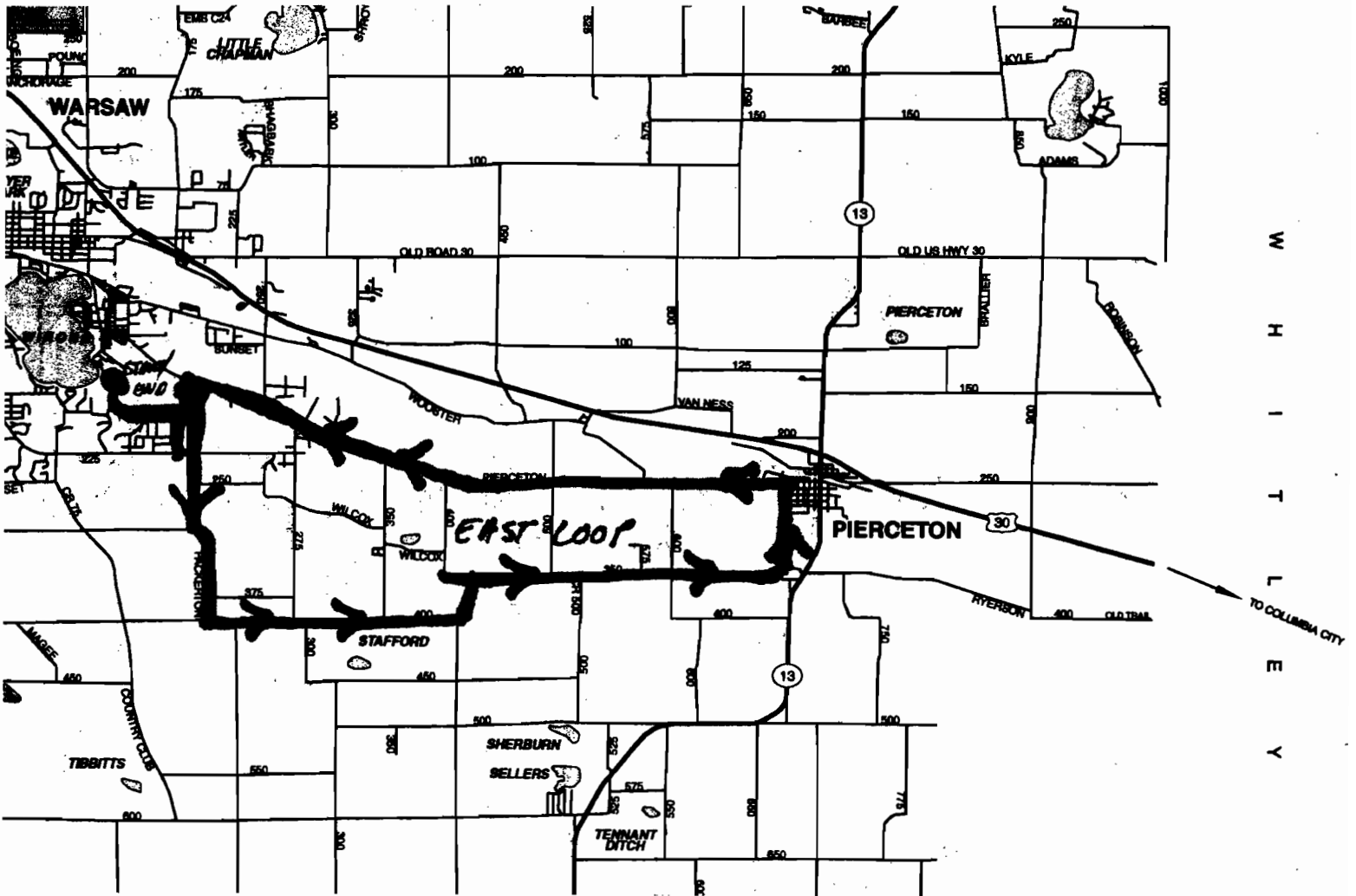
4 Mile Run/Walk in Warsaw

- 1) Start at Beyer Farm Trailhead parking lot heading north on Provedent Dr.
- 2) Turn right on Hospital Emergency road and follow to Stop sign.
- 3) Turn right onto Harrison St.
- 4) Continue to Sheridan and turn right,(first stop sign is 1 mile mark)
- 5) Continue on Sheridan to Cook Rd.
- 6) Turn right onto Cook Rd. heading to Pike Lake Campground
- 7) Turn right at Arthur St. following road around Pike Lake
- 8) 2mile mark is at Park's Restroom building
- 9) Turn around at Park's Restroom building and return back to Beyer Farm Trailhead.

Parking; Use parking lot at Beyer Farm Trailhead on Provedent Dr. across the street from the KCH Health & Wellness and MedStat Building

Difficulty; This is a fairly flat and easy run on all paved roads for runners and walkers.

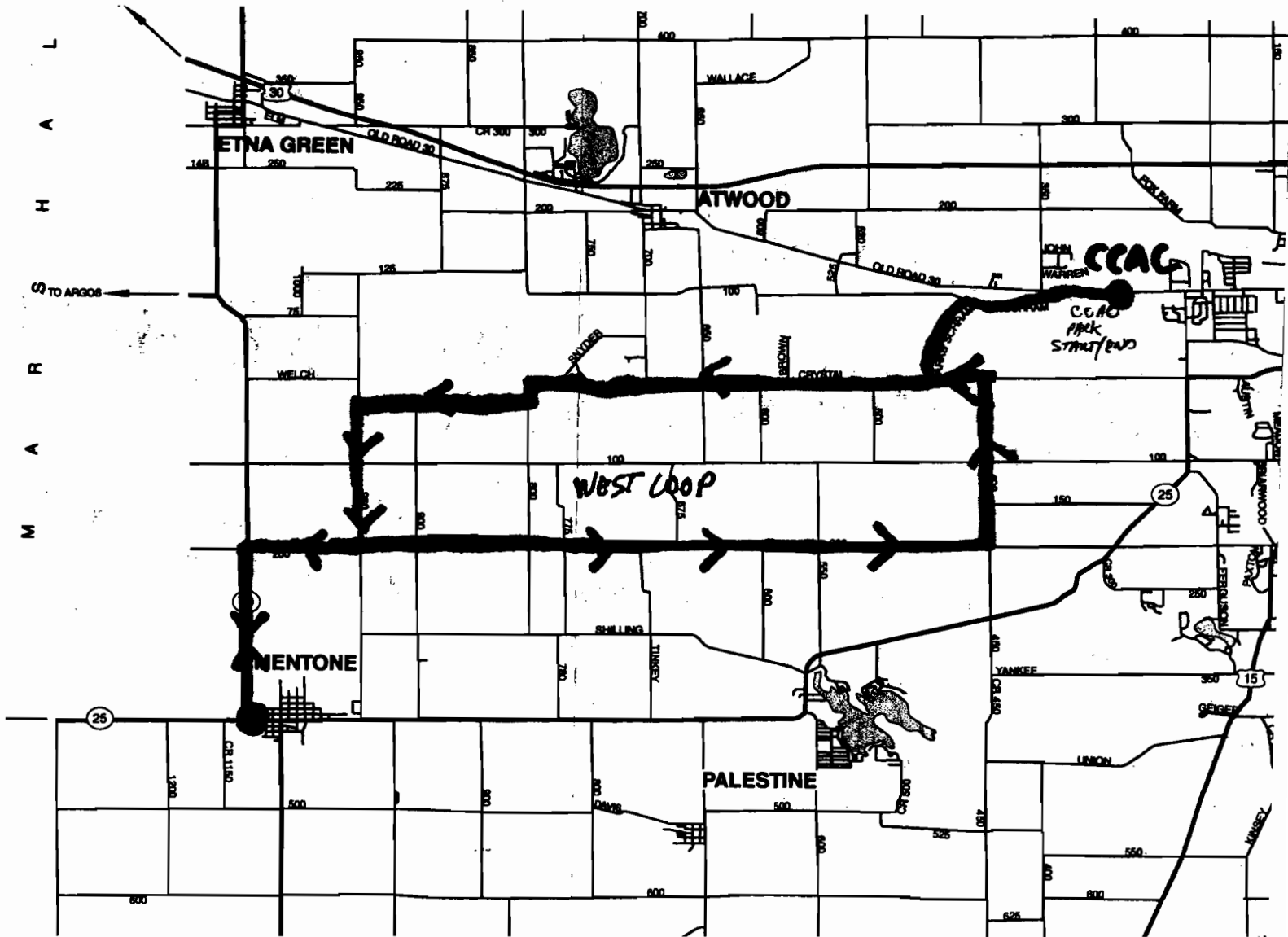
Eastern Loop Biking Route



East Loop to Piercetown:

1. Start/End Chicago Boys Greenway Trailend
2. Ride Southeast on Greenway to Roy Street
3. Turn Left on Roy Street until it becomes William Street
4. Williams Street to E225 South → Turn Left
5. Take to 4 way stop then take Right onto Packerton Road
6. Follow Packerton to E400S then turn Left
7. To S450E → turn Left
8. To E350 S → turn Right
9. To S700E → turn Left into town of Piercetown (then begin to loop back).

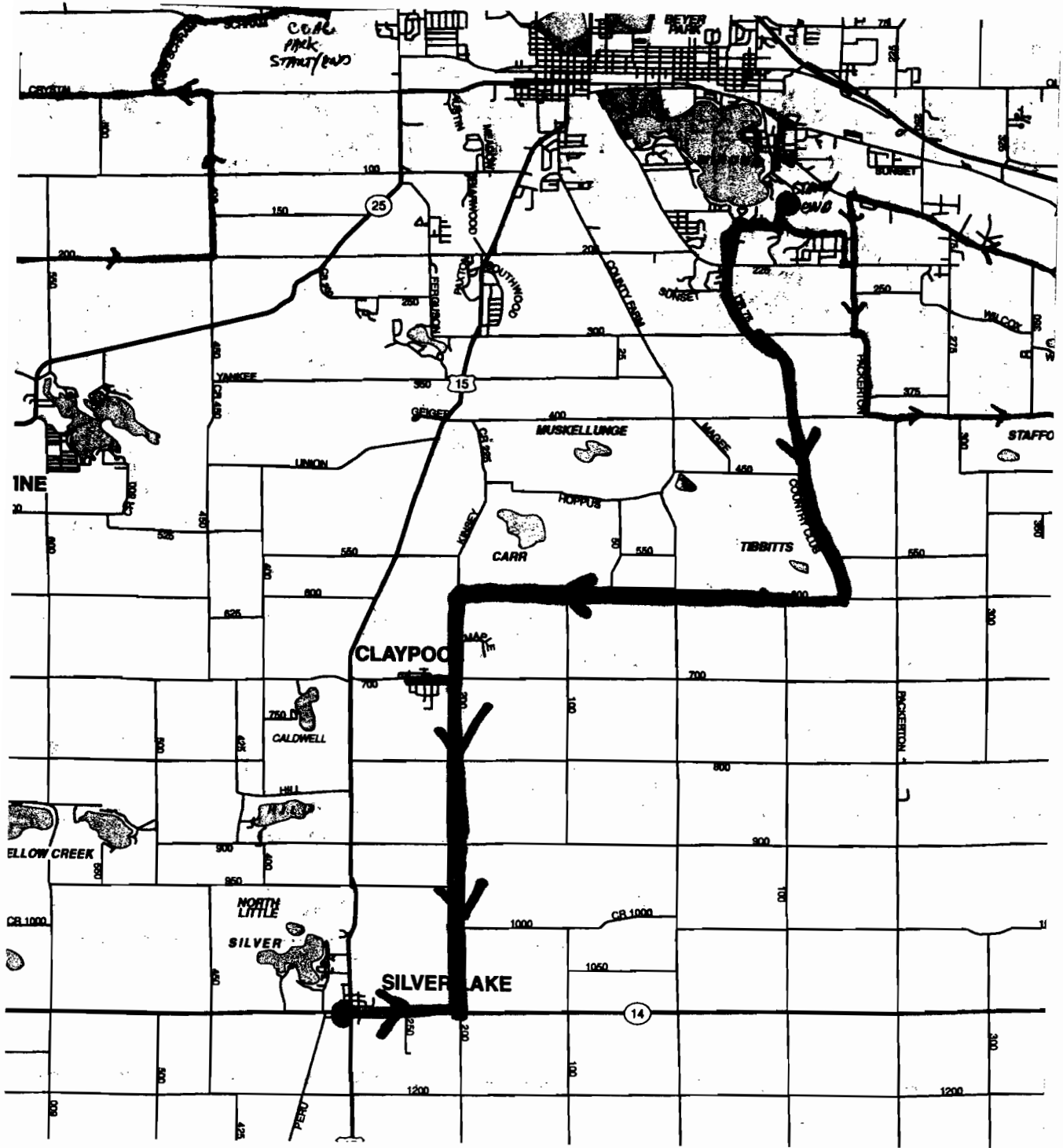
Western Loop Biking Route

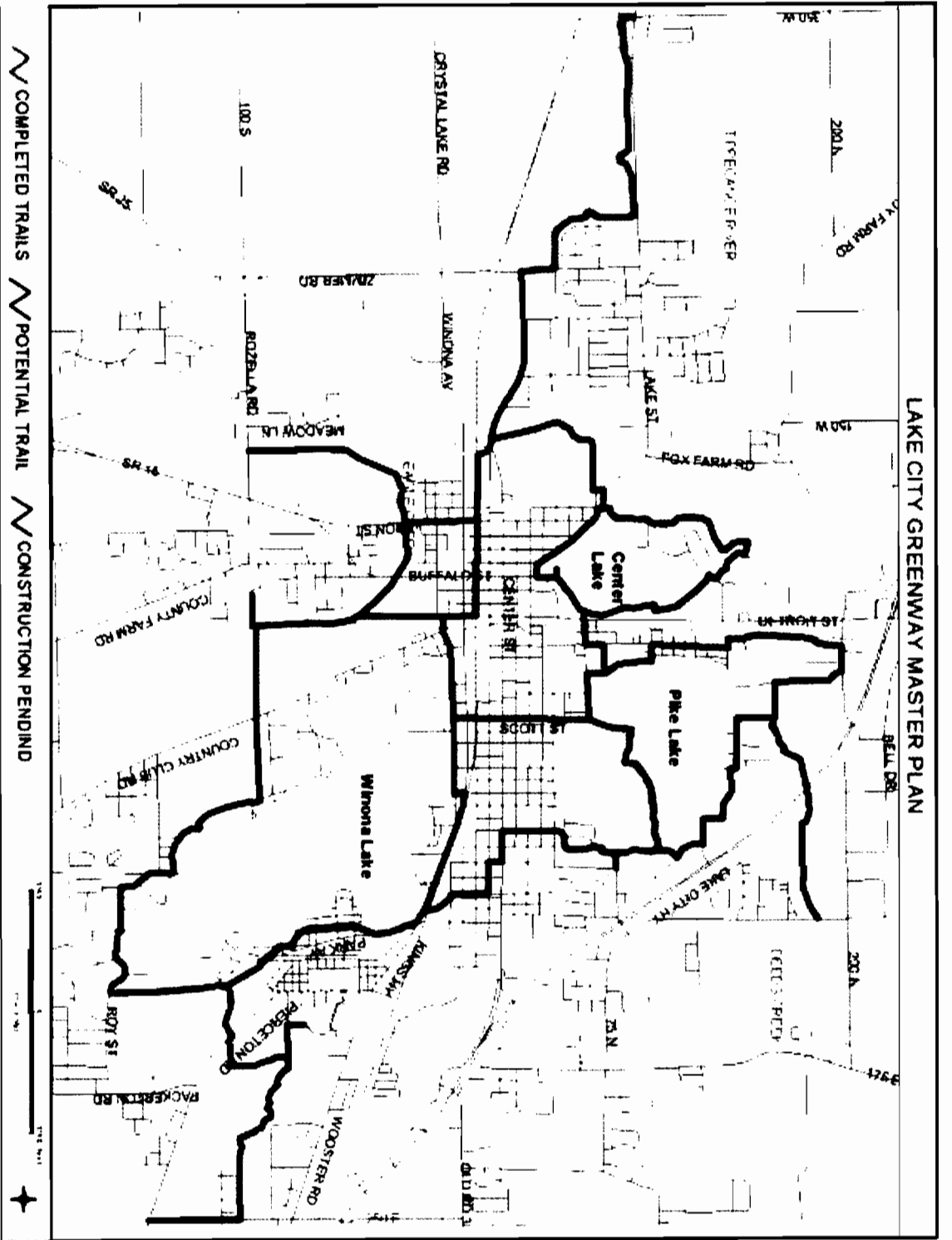


Western Loop to Mentone:

1. CCAC Greenway to W100N heading West
2. Turn Left to Parks Schram Rd.
3. Right onto Crystal Lake Rd.
4. Left onto 800 heading South
5. Right on W25 South
6. Left on 950, Right on W200S
7. Left onto SR 19 into Mentone
8. Right onto North Elm, Left on 19 (then begin to loop back).

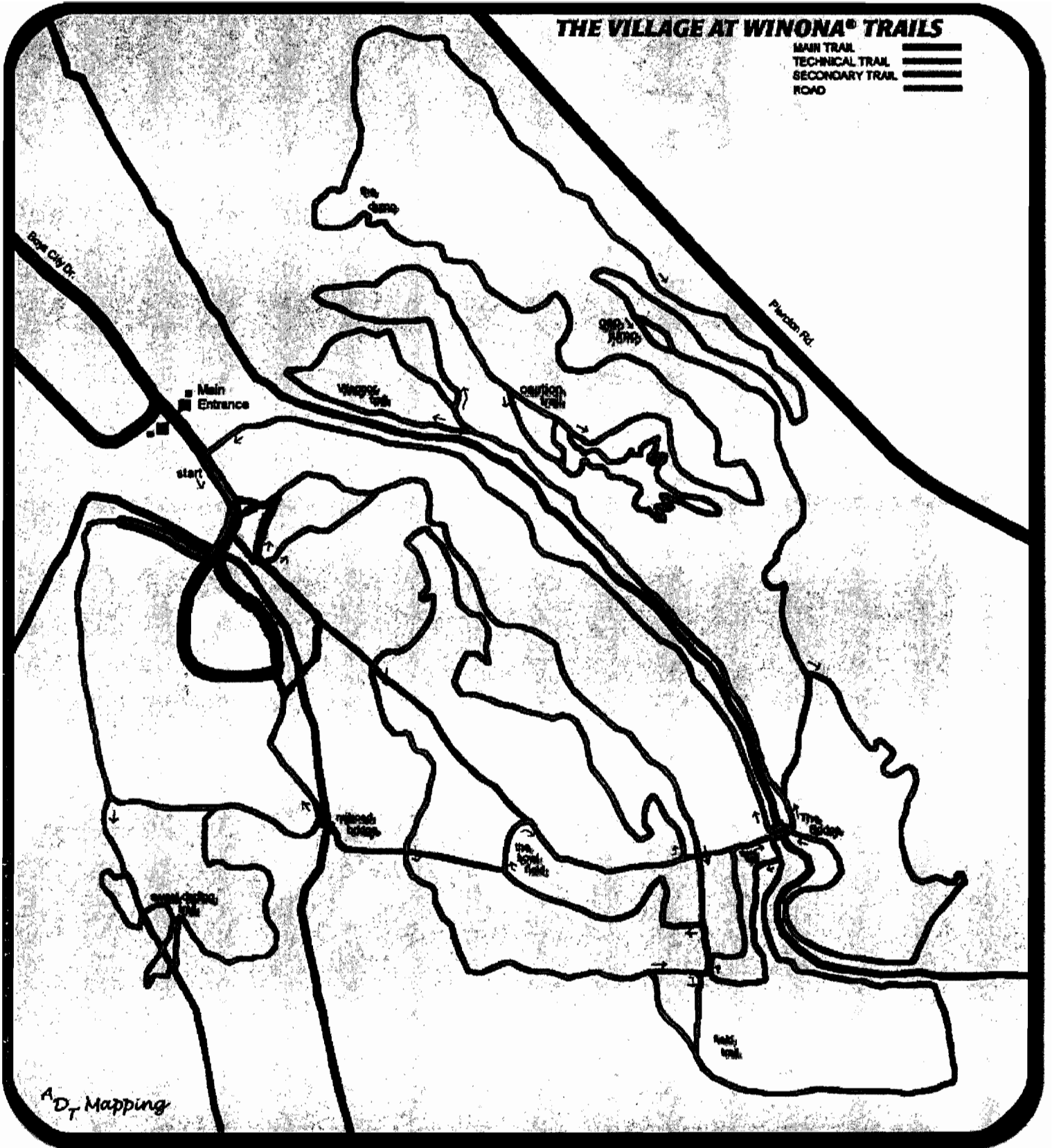
Southern Loop Biking Route





THE VILLAGE AT WINONA® TRAILS

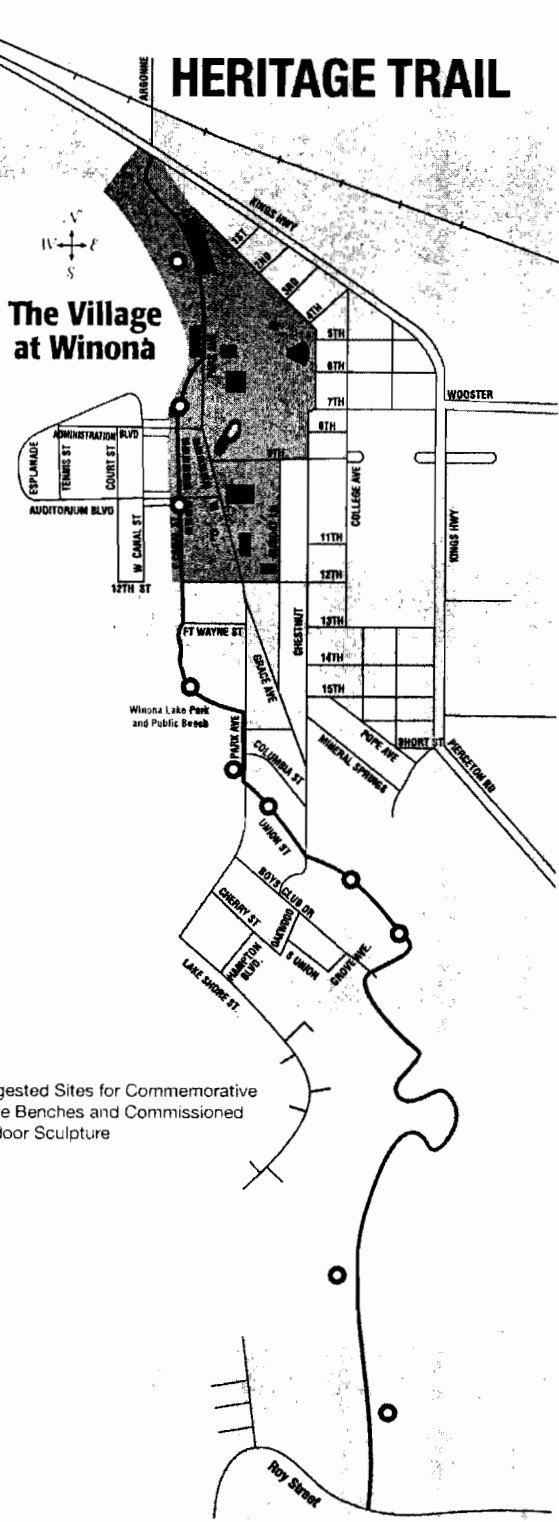
MAIN TRAIL
TECHNICAL TRAIL
SECONDARY TRAIL
ROAD



A.D. Mapping

HERITAGE TRAIL

The Village at Winona



- Suggested Sites for Commemorative Stone Benches and Commissioned Outdoor Sculpture

KLA Project Proposal
Mapping of recommended bike routes for Kosciusko County
August 21, 2009

Desired outcome:

- Map of the county identifying recommended roads for bicycle traffic.
- o Routes should provide connections to Lake City Greenway entry points.
 - o Routes should provide connections between communities in Kosciusko County and to recommended cycling routes in adjacent counties.
 - o Routes should be selected after consultation with experienced cyclists and consider such factors as motorized traffic patterns, speed of traffic, visibility, etc.
 - o Possible contacts for assistance should include Bicycle Indiana, local bicycle shops, KCV Cycling Club, Lake City Greenway steering committee
 - o Include popular circuit rides of varying lengths (with cue sheets?), as opposed to only point to point routes.
 - o It would also be valuable to highlight roads to avoid.
 - o Work with county (?) GIS to construct map.
 - o Identify funding sources for production of maps.
 - o Consider having web based map available as well as printed copies.

Additional outcomes:

Explore costs of providing appropriate signage for routes, such as Shared Lanes.

Look at ways to link to American Discovery Trail. <http://www.discoverytrail.org/>

Study and recommend possible trail routes in the county, for instance making use of the old interurban rail bed that runs along State Road 15 from Warsaw to Milford, or the old interurban route that runs from Boggs Industrial Park southwest straight to Mentone.

Potential Resources:

<http://www.in.gov/dnr/outdoor/4452.htm>

Contact:

Fred Helfrich
1202 E. Main St.
Warsaw, IN 46580
Fred.h@comcast.net
Cell: 574-527-3772

The Image Group, Inc.

927 W. Brooklyn Street, PO Box 248
Syracuse, IN 46567-0248
(574) 457-3111, Fax (574) 457-3114

ESTIMATE SCHEDULE "B"

Kosciusko County CVB
Attn: Mary Kittrell
111 Capital Drive
Warsaw, IN 46582

Date: March 4, 2010
Est. No.: 1003029
Phone No.: 800-269-6090
Fax No.: 574-269-2405

Description

Online Interactive Recreational Map


Image will develop a flash interactive map of Kosciusko County's outdoor activities including swimming, biking, hiking, canoeing/kayaking, running and walking. Each activity will have a selectable layer that will show or hide the activity options for that particular category. Each activity category can have up to 10 points of interests. Each point of interest will have a hot spot button and when the user places their mouse over the button a popup blurb will appear to reveal a brief description and a more info link. If the user clicks on the more information button, they will be taken to a full description page of the activity location including a photo and Google map link. KCCVB will need to supply one photo for each point of interest, a three sentence short description for blurb call-out, long description copy for full details page, a Google map link with latitude/longitude reference points and a detailed map reference for each point of interest that are called out on the map.

The cost for this would be approximately

\$6300-\$6800

This estimate is valid for 30 days. Please sign and return this agreement so we can proceed with this project. Terms are ½ with order and ½ upon completion. Thank you for having the confidence to partner with The Image Group Inc. We pledge to you our professional support.

Accepted By:



Jeff Secaur

Matt Boren

Subject: RE: Greenway Extension/Mapping Project

-----Original Message-----

From: Matt Boren [mailto:matt.boren@cardinalservices.org]
Sent: Thursday, October 08, 2009 9:13 AM
To: 'Fred Helfrich @ Comcast'
Cc: mjbnewell@embarqmail.com; 'HEPLER, KRISTA'; Pat Brown
Subject: Greenway Extension/Mapping Project

Mr. Fred Helfrich,

We met on the 6th for KLA and officially created a Greenway Extension/Mapping White Paper Project. Mike Newell of Owens Supermarket, Krista Helper of Kosciusko Community Hospital, Pat Brown of Bowen Center, and myself have all committed to this project and are excited about getting started.

I know that I've attempted to set up some dates with you but haven't been very diligent in following through, I apologize. Now that we have made it a bit more official I would like to begin our project by meeting with you and establishing our priorities and focus. I will be sending all them members of the team the brief outline that you had submitted to KLA so that they will be familiar with the overall goals of the project.

In looking at the week of the 12th are there any days other than Monday and Tuesday that would work for you to get together for a lunch?

Thanks,
Matthew S. Boren
Community Living Coordinator
Cardinal Services Inc.
574-371-1403

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Matt Boren

Subject: RE: Greenway Extension/Mapping Project

-----Original Message-----

From: Matt Boren [mailto:matt.boren@cardinalservices.org]

Sent: Wednesday, October 28, 2009 3:38 PM

To: mjbnewell@embarqmail.com; 'HEPLER, KRISTA'; Pat Brown

Subject: RE: Greenway Extension/Mapping Project

Our goal is to establish a map and create a plan for education of the community. Here are some key items that we need to begin with. Based on how busy everyone is this time of year and how difficult it is to schedule things together please feel free to start on some of these items on your own.

1. Set up time to meet with KCV Cycling Club and Lake City Greenway Steering Committee to determine desired routes or popular circuit rides to include in mapping.
2. Request Traffic studies from County or City offices.
3. Determine county sites or towns to tie together via bicycle routes.
4. Drive or ride possible routes to determine appropriateness of route.
5. Consider scenic or historical sites to include.
6. Visit other county websites to establish an idea of what other counties have done in this area. (<http://www.in.gov/dnr/outdoor/4452.htm>)
7. Get out to current Greenway sites and familiarize ourselves with these locations.

The Next Steps after 1-5:

8. Take pictures of desired routes for white paper presentation.
9. Determine possible locations for "share the road" signs.
10. Plan out desired routes and create a user friendly map.
11. Develop presentation.
12. Discuss additional things we could do for Greenway extension with additional funds to further the process we have started.

Please let me know if you have anything to add to this or want to modify something I put down. We are still in the planning stages of this process. I apologize for my lack of timeliness, I am attempting to learn a new job and maintain an old job at the same time. At this point I don't have as much time as I would like to spend on this process. I will appreciate any additional help that you can offer.

Matthew S. Boren
Transportation General Manager
Cardinal Services Inc.
(574) 371-1410

Matt Boren

Subject: RE: Greenway Extension/Mapping Project

----- Forwarded message -----

From: Fred Helfrich @ Comcast <fred.h@comcast.net>

Date: Wed, Oct 28, 2009 at 4:41 PM

Subject: Re: Greenway Extension/Mapping Project

To: Matt Boren <matt.boren@cardinalservices.org>

Cc: mjbnewell@embarqmail.com, "HEPLER, KRISTA" <KHEPLER@kch.com>, pat.brown@bowencenter.org

Matt,

Here's the website for the bike KCV Cycling Club. <http://kcvcycling.org> There's an About KCV link that will take you to a list of thier Club Officers and Staff. I'd suggest you call Alan Alderfer or Greg Demopoulos.

Here's the link to the map showing bike routes in other counties. <http://www.in.gov/dnr/outdoor/4452.htm> But it's not clicking thru to the county maps like it did before, checking with DNR webmaster.

Fred

Matt Boren

To: Pat Brown
Subject: RE: Bke route project

From: Fred Helfrich @ Comcast [mailto:fred.h@comcast.net]

Sent: Monday, November 02, 2009 8:57 PM

To: Van Haupt; Tracey Yeager; Todd Plymate; Terry & Nancy Stutzman; Steve Yeager; Steve Savage; Ross Deatsman; Robin Mitchell; Rebecca Davis; Mike Cusick; Max Ketrow; Matt Niemier; Leah Moore; Kevin Sandberg; Kevin Fry; Kerry Rose; Julie Wiegand; Jon Schaeffer; John Kiernan; Jeff Coulter; Jake Wilson; Henry Zehr; Greg Snavely; Greg Dearborn; Greg & Paula Dearborn; George Wiegand; Gary Hochstedler; Fred Helfrich; EJ Underwood; EJ & Peggy Underwood; Dave Readle; Darren Kline; Dan Gehrke; Crystal Creekmore; Chuck Yeager; Charlie Frisinger; Brent & Karen Wildman; Brad Simmons; David Johnston; matt.boren@cardinalservices.org

Subject: Bke route project

This is to introduce you all to Matt Boren. Matt and a couple of other folks in this year's Kosciusko Leadership Academy (KLA) class are working on a project to map bike routes in Kosciusko County. The main purpose is to identify routes from out in the county into town particularly connecting into the three local greenways. There is currently a plan to connect the greenways across town, but we need to make the outside of town connections.

The KLA group really needs some help identifying safe and useful roads to ride on in the county. I know lots of you ride all over and would be a great resource for Matt and his group. I'm going to turn him loose on you, so when he solicits your input please give this your attention.

They are also interested in identifying some loops for touring in the county, in addition to the point to point type routes.

Hopefully in the end they will end up with a published map to be available both in printed form at bike shops and such, as well as a web published map.

Ride safe!

Regards,
Fred Helfrich
1202 E. Main St.
Warsaw, IN 46580
H 574.267.6836
C 574.527.3772
E fred.h@comcast.net

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Matt Boren

To: Pat Brown
Subject: RE: Bke route project

From: Matt Boren [mailto:matt.boren@cardinalservices.org]

Sent: Tuesday, November 10, 2009 9:01 AM

To: 'Fred Helfrich @ Comcast'; 'Van Haupt'; 'Tracey Yeager'; 'Todd Plymate'; 'Terry & Nancy Stutzman'; 'Steve Yeager'; 'Steve Savage'; 'Ross Deatsman'; 'Robin Mitchell'; 'Rebecca Davis'; 'Mike Cusick'; 'Max Ketrow'; 'Matt Niemier'; 'Leaha Moore'; 'Kevin Sandberg'; 'Kevin Fry'; 'Kerry Rose'; 'Julie Wiegand'; 'Jon Schaeffer'; 'John Kiernan'; 'Jeff Coulter'; 'Jake Wilson'; 'Henry Zehr'; 'Greg Snavely'; 'Greg Dearborn'; 'Greg & Paula Dearborn'; 'George Wiegand'; 'Gary Hochstedler'; 'EJ Underwood'; 'EJ & Peggy Underwood'; 'Dave Readle'; 'Darren Kline'; 'Dan Gehrke'; 'Crystal Creekmore'; 'Chuck Yeager'; 'Charlie Frisinger'; 'Brent & Karen Wildman'; 'Brad Simmons'; 'David Johnston'

Cc: 'bhouse@kcgov.com'; 'mjbnewell@embarqmail.com'; 'HEPLER, KRISTA'; 'Pat Brown'

Subject: RE: Bke route project

Kosciusko County Cyclists,

Thank you Fred Helfrich for your generosity and helpfulness.

As Fred stated below my name is Matt Boren, I have lived in this county for 24 years and am thrilled that KLA has provided me the opportunity to give back. I am working together with Mr. Mike Newell of Warsaw Owens, Ms. Krista Hepler of KCH, Ms. Pat Brown of Bowen Center, and Mr. Bryan House of the Kosciusko County Probation Office.

Our goal is to assist the Greenway Committee by creating a map that ties in various parts of the county to the locally established Greenway, therefore providing distance and leisure riders with a more extensive choice of routes and a guide that identifies the safe roads to utilize. I enjoy riding the "Boy's City Trails" and many of the other members occasionally utilize the Greenway for leisure activities but we don't have an understanding of what serious road cyclists look for in a route. That is where all of you come in, here are a couple of ways that you can help us to ensure that this tool is useful and beneficial to the local cyclists of K county.

5. Help us to identify desired parts/routes/areas in the county that should be mapped in to one of the three local Greenways.
6. Help us identify dangerous roads for cyclists and then also the roads that are cyclist friendly.
7. Share with us your "treasured secrets" the routes/loops that you love and that nobody else knows about.

8. Share with us any other advice or specifics that you think this map needs to include.

So why is this worth your time?

1. If we present this project professionally to KLA it could be selected to receive a \$1000.00 grant. This grant money would be used to publish the map and could also be used to purchase "share the road" signs or some other means of route notification.
2. It will collaborate all the route information that is floating around out there into one helpful tool and expand the local cyclists' options.
3. The Greenway is a local asset to the community. As potential companies and employees look at this county for business they often look at what recreational options it has. This could be economically beneficial.
4. And finally if you love to ride, you love talking about riding, so I'm just providing an outlet...

It is our hope that you all find this project to be beneficial to yourself and the local community, we were all drawn to this proposed project because we believe that it most certainly is. We appreciate you taking the time to read this and anxiously await the knowledge and information that you have to offer.

Thanks again,
Matthew S. Boren
Transportation General Manager
KABS/Head Start a Division of Cardinal Services Inc.
(574) 371-1410

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From: Fred Helfrich @ Comcast [mailto:fred.h@comcast.net]

Sent: Monday, November 02, 2009 8:57 PM

To: Van Haupt; Tracey Yeager; Todd Plymate; Terry & Nancy Stutzman; Steve Yeager; Steve Savage; Ross Deatsman; Robin Mitchell; Rebecca Davis; Mike Cusick; Max Ketrow; Matt Niemier; Leah Moore; Kevin Sandberg; Kevin Fry; Kerry Rose; Julie Wiegand; Jon Schaeffer; John Kiernan; Jeff Coulter; Jake Wilson; Henry Zehr; Greg Snavely; Greg Dearborn; Greg & Paula Dearborn; George Wiegand; Gary Hochstedler; Fred Helfrich; EJ Underwood; EJ & Peggy Underwood; Dave Readle; Darren Kline; Dan Gehrke; Crystal Creekmore; Chuck Yeager; Charlie

Matt Boren

To: Pat Brown
Subject: RE: Bke route project

-----Original Message-----

From: Matt Boren [mailto:matt.boren@cardinalservices.org]

Sent: Monday, November 16, 2009 8:13 AM

To: 'Matt Boren'; 'Fred Helfrich @ Comcast'; 'Van Hauptert'; 'Tracey Yeager'; 'Todd Plymate'; 'Terry & Nancy Stutzman'; 'Steve Yeager'; 'Steve Savage'; 'Ross Deatsman'; 'Robin Mitchell'; 'Rebecca Davis'; 'Mike Cusick'; 'Max Ketrow'; 'Matt Niemier'; 'Leaha Moore'; 'Kevin Sandberg'; 'Kevin Fry'; 'Kerry Rose'; 'Julie Wiegand'; 'Jon Schaeffer'; 'John Kiernan'; 'Jeff Coulter'; 'Jake Wilson'; 'Henry Zehr'; 'Greg Snavely'; 'Greg Dearborn'; 'Greg & Paula Dearborn'; 'George Wiegand'; 'Gary Hochstedler'; 'EJ Underwood'; 'EJ & Peggy Underwood'; 'Dave Readle'; 'Darren Kline'; 'Dan Gehrke'; 'Crystal Creekmore'; 'Chuck Yeager'; 'Charlie Frisinger'; 'Brent & Karen Wildman'; 'Brad Simmons'; 'David Johnston'

Cc: bhouse@kcgov.com; mjbnewell@embarqmail.com; 'HEPLER, KRISTA'; Pat Brown

Subject: RE: Bke route project

I understand there was some uncertainty as to what we were actually after. Our purpose in contacting you is below:

1. Help us to identify desired parts/routes/areas in the county that should be mapped in to one of the three local Greenways.
2. Help us identify dangerous roads for cyclists and then also the roads that are cyclist friendly.
3. Share with us your "treasured secrets" the routes/loops that you love and that nobody else knows about.
4. Share with us any other advice or specifics that you think this map needs to include.

Matt Boren

Subject: RE: White Paper Project

From: "Matt Boren" <matt.boren@cardinalservices.org>
Date: Wed, 2 Dec 2009 09:15:03 -0500
To: <bhouse@kcgov.com>; HEPLER, KRISTA<KHEPLER@KCH.com>;
<mjbnewell@embarqmail.com>; Pat Brown<Pat.Brown@bowencenter.org>
Subject: White Paper Project

White Paper People,

Forgive me as I brainstorm via e-mail. I was thinking as I was driving home today from work, "what could we do to really turn this into a great project." Some ideas popped into my head and I wanted to bounce them off of the rest of you.

Instead of a paper/handout map, what about an online interactive map of the county. I thought of this because of all the different things we wanted this map to do, we would definitely run out of room on a sheet of paper, but if it was interactive it could have layers and be much larger.

And to focus our purpose, what if our main goal was to showcase the recreational opportunities in Kosciusko County. Swimming locations, canoeing and kayaking routes, biking routes, walking routes, running routes. This would accomplish what the Greenway Committee was after and also broaden the scope. Almost everyone in the county does one of the above mentioned things.

This map could be adopted by the chamber, YMCA, Greenway Website, simply by putting a link on their website.

What do you all think? Do you like it? Does it seem doable? Could you get behind this idea? "Please hit reply to all" and we can start some active conversation on this.

Thanks,
Matthew S. Boren
Transportation General Manager
KABS/Head Start a Division of Cardinal Services Inc.
(574) 371-1410

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Matt Boren

Subject: RE: Bke route project

From: KCV Cycling Club [mailto:kvcycling@embarqmail.com]
Sent: Friday, December 04, 2009 9:46 AM
To: matt.boren@cardinalservices.org
Subject: FW: Bke route project

Hello Matt.

My name is Greg Demopoulos, vice president of the local cycling club – KCV Cycling Club (Kosciusko County Velo), we are the organization who handles the Fat & Skinny Tire Bicycle Fest in Winona Lake each May, as well as the Downtown Days bike race, and also work with Dane Miller to manage all maintenance and events in the Old Chicago Boys Club Trails.

I received your email from a cycling friend, Mike Cusick. Would you mind adding KCV Cycling Club (info@kvcycling.org) to any of your cycling related emails and communication? We would love to assist you in this project however possible.

As a 501c3 organization, it is our goal to help make Kosciusko County a great place to enjoy riding bicycles, through events, access to trailways/facilities and advocacy for cycling transportation.

We've been very integral in the Greenway project, and also working with cyclists in the community to organize events, rides, activities for kids, etc. We meet the last Tuesday of each month (except for December and January) in the back meeting room at Mad Anthony's at 8pm. Please stop by a meeting – they are open to everyone that enjoys cycling in any shape or form.

And again, if there is anything we can help you with, please do not hesitate to ask.

If you would like to reach me, feel free to call my cell at 574.253.3971

Thanks for your efforts in making cycling that much more enjoyable in our community!

Greg Demopoulos

KCV Cycling Club
Northern Indiana Fat & Skinny Tire Fest

1001 E. Canal St.
Winona Lake, IN. 46590

574.267.2223
574.253.3971 (cell)

www.fatandskinnytirefest.com

www.kvcycling.org

Matt Boren

Subject: RE: Bke route project

----- Forwarded message -----

From: **Matt Boren** <matt.boren@cardinalservices.org>

Date: Fri, Dec 4, 2009 at 10:40 AM

Subject: RE: Bke route project

To: KCV Cycling Club <kcvcycling@embarqmail.com>

Cc: bhouse@kcgov.com, "HEPLER, KRISTA" <KHEPLER@kch.com>, mjbnewell@embarqmail.com, Pat Brown <Pat.Brown@bowencenter.org>

Greg,

Great to hear from you and glad that someone shared that email from you. Obviously the more local contacts and input we gather for this project the better.

Our end goal has not yet been completely nailed down for this project and we are open to any and all suggestions and ideas. We are really striving to develop a tool that will help a broad demographic in Kosciusko County and not just the distance riding community.

Lately we have been toying with the idea of developing an online interactive map that would have several layers on it. Each layer could be a different recreational activity for K County. So you would have, biking, hiking, walking, swimming, canoeing/kayaking, ect... We could then link this map up with several of the local websites (YMCA, KCV Cycling Club, Greenway, Visitor's Center, and Kosciusko County Website) so that it has the greatest availability to the community. We would really appreciate your thoughts on this idea and would love to share it with the entire cycling club.

I've enjoyed many of the projects that you host in the area and have rode The Chicago Boys Club Trails since I was a kid. I'm very thankful to you for the work that you do to ensure that it's open to the public and well maintained. I have confidently bragged to several riding friends from around Indiana that I live by the BEST mountain biking trails in the state.

Thanks for your time and input,

Matt Boren

To: Pat Brown
Subject: RE: White Paper

-----Original Message-----

From: Matt Boren [mailto:matt.boren@cardinalservices.org]
Sent: Friday, December 04, 2009 8:18 AM
To: bhouse@kcgov.com; HEPLER, KRISTA; mjbnewell@embarqmail.com; Pat Brown
Subject: White Paper

Take a look at this attachment.

<http://www.macog.com/PDFs/BPN/Do4regbkmp.pdf>

This could be a resource for us. By the way is anyone in our group handy in HTML?

Matt Boren

Subject: RE: White Paper Project

-----Original Message-----

From: HEPLER, KRISTA [mailto:KHEPLER@KCH.com]
Sent: Tuesday, December 29, 2009 12:12 PM
To: Bryan House; Matt Boren; Mike Newell; Pat Brown
Subject: White Paper Project

Dear Team,

After our meeting this morning, I decided to do a little research on interactive maps as well as the whitepapers that started the Greenways in our community. There were 3 white papers that involved a greenway (see below) and they are located at <http://www.klaconnect.com/whitepapers.htm> I don't know if any of you had looked at these yet but it helped me to envision our 'presentation.'

1995 Kosciusko County Greenway Proposal - A Blueprint for Success - Documents the need and benefit of establishing a Greenway plan

1997 A Greenway in Your Community - Further development of previous White Paper on Greenway Proposal

1998 Lake City Greenway Master Plan - Continuation and implementation strategy for Greenway Project

I found several websites with interactive map/software products to get an idea of the cost. One of them *iMapBuilder* says that you don't have to have programming or design knowledge to use it which I think is important for the maintenance of the product. The software is not too costly and ranges from \$129-\$2459 depending on the type and number of licenses purchased. I did speak with one of my coworkers in IT and he said that you can usually purchase or use (depending on the company) established maps for free and build upon existing maps. I think that if this is true perhaps we could use the County's GIS maps as a start and tie in the map software.

Whatever we decide I think that the map should easily be transferred to print so that the Visitor's Bureau can have print copies available for those that don't use a computer. Pat had an excellent suggestion to make it a "flip" style map that layer's the different activities so that the user can focus on their primary interests. Not to mention that it may be more user friendly for those that don't have computer skills.

Funding: I would echo what Mike said that the visitor's bureau would be an excellent candidate to maintain the site; it could be linked to the greenway's website or other organization's sites. Bryan's excellent suggestion to "Adopt a Greenway/Bike Path" could also provide funding and community involvement. Approaching local businesses to help us in our goal could also be worthwhile to increase funds.

Krista Hepler | Compliance and Privacy Officer | Kosciusko Community Hospital | 2101 E Dubois Dr, Warsaw, Indiana 46580 | Telephone: 574-372-5882 | Fax: 574-372-5802 | khepler@kch.com

Matt Boren

Subject:

RE: White Paper

-----Original Message-----

From: Matt Boren [mailto:matt.boren@cardinalservices.org]

Sent: Tuesday, January 05, 2010 6:39 PM

To: bhouse@kcgov.com; HEPLER, KRISTA; Pat Brown; mjbnewell@embarqmail.com

Subject: White Paper

Good News...

I met with Mary Kittrell today concerning our white paper project. My goal was to attempt to pitch our idea to her so that the Visitor's center would be interested in maintaining and housing the web page.

I explained how we got started with this idea and how it had evolved. She was pretty excited about the idea and thought that the Visitor's center would be interested in maintenance and housing if we set it up for development. She stated that they do already use google maps(for free) on their website for restaurants, places of interest, and shopping locations, it looks similar to what we were thinking Visitor's center map. Based on the use of this map she wasn't as excited about including many of the additional things we had talked about, she thought the best idea for the Visitor's Center would be for the map to have layers of "pedestrian" recreational activities, like we were originally thinking. Pedestrian as opposed to activities requiring substantial additional equipment (power boats, atvs, ect...)

I'd like to email her and see who she uses to develop her website, we may want to touch base with them since if we got this rolling and we wanted to link it to their site, they could easily do it. I'll try to make this contact. So the main items that we would need to develop and research would be the actual layers. I'd also like to make contact with the Orthoworks to see if we could solicit some support from them, does anyone remember the contact for that?

Each one of these could be a substantial layer, we might want to break them up as follows due to similarity.

Canoeing/kayaking

Hiking
Walking

Jogging
Running

Road Biking
Mountain Biking

Swimming

We could each take one group and be responsible for doing the research and making the connection for that layer.

What do you think? And please know that I'm just throwing out ideas, I am open to whatever we want to do, and am open to any other directions or thoughts.

--

Matthew S. Boren
Transportation General Manager
KABS, A Division of Cardinal Services, Inc.

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Matt Boren

Subject: RE: White Paper Project

From: Pat Brown [mailto:Pat.Brown@bowencenter.org]
Sent: Monday, January 18, 2010 10:13 AM
To: HEPLER, KRISTA; Matt Boren; Mike Newell
Subject: RE: White Paper Project

-----Original Message-----

From: HEPLER, KRISTA [mailto:KHEPLER@KCH.com]
Sent: Monday, October 19, 2009 5:29 PM
To: Matt Boren; Mike Newell; Pat Brown
Subject: White Paper Project

Hello Everyone!

I hope that your Monday is going well. I took some time this afternoon to search a few web pages and found the attached map of the greenway. I found this website and it is really pretty cool. You can also click on a region for the state of Indiana to locate other 'greenways' in the state.

<http://www.indianatrails.org/Warsaw.htm>

I have attached a screen shot as well that shows trails in Northern Indiana. If we decide to design and print a map it may be good to lists this website as a resource. I think it would be excellent to couple a map with safety tips that are common but not always followed. For example, the signals cyclists use to indicate direction could be illustrated, pedestrians should walk against traffic, wearing light colored clothing, etc. This map could be geared towards a larger audience; the serious cyclist and the average family that wants to get outdoors.

I found our Warsaw Greenway information at
<http://www.warsawcity.net/dotnetnuke/LakeCityGreenway/tabid/124/Default.aspx>

Krista Hepler | Compliance and Privacy Officer | Kosciusko Community Hospital | 2101 E Dubois Dr,
Warsaw, Indiana 46580 | Telephone: 574-372-5882 | Fax: 574-372-5802 | khepler@kch.com

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Kosciusko County's Interactive Recreational Map

"Your one-stop-shop for area recreational information."

Brought to you by:

Diana Macnak, Pat Brown, Krista Hepler, Bryan House, Matt Boren, and Mike Newell

Top Ten Reasons Why Kosciusko County ABSOLUTELY Needs an Interactive Recreational Map!

- 10. Driving your car down the lane to your mailbox is *not* aerobic exercise.**
- 9. The potential growth and benefits to several community groups, organizations, businesses, residents, and visitors are wicked endless.**
- 8. If you don't text, twitter, blog, or skype, its okay! Really! This online recreational map is so easy to use a CAVEMAN can do it!**

Top Ten Reasons Why Kosciusko County ABSOLUTELY Needs an Interactive Recreational Map!

7. Research shows you'll be healthier and happier if you exercise more.
6. Contrary to popular belief, *Speedos* still do the trick, wear yours with pride!
5. There is no other one stop shop for recreational activities available to Kosciusko County Residents or guests.

Top Ten Reasons Why Kosciusko County ABSOLUTELY Needs an Interactive Recreational Map!

4. Injuries from recreational activities make great water cooler stories (*and chicks dig scars*).
3. Who needs PLANES, TRAINS, or AUTOMOBILES when you can WALK, SWIM, BIKE, or KAYAK to work?
2. Four words: Because we said so!

**And the #1 reason Why Kosciusko
County ABSOLUTELY Needs an
Interactive Recreational Map!**

- 1. If someone tells you to *“Take a Hike!”* you’ll know where to go.**

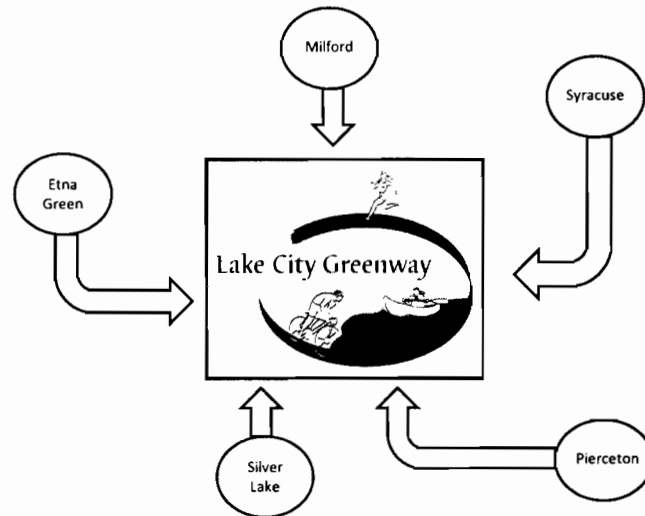
**Kosciusko County’s
Interactive Recreational Map**

A: Describe & Define

B: Development & Funding

C: Sustainability

Project Fruition

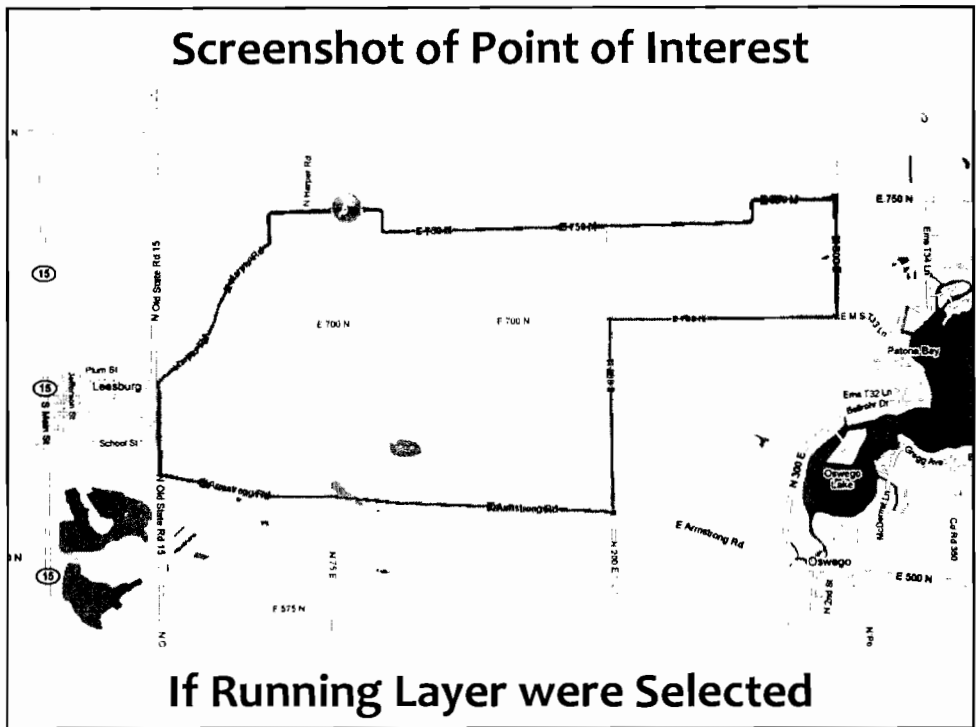
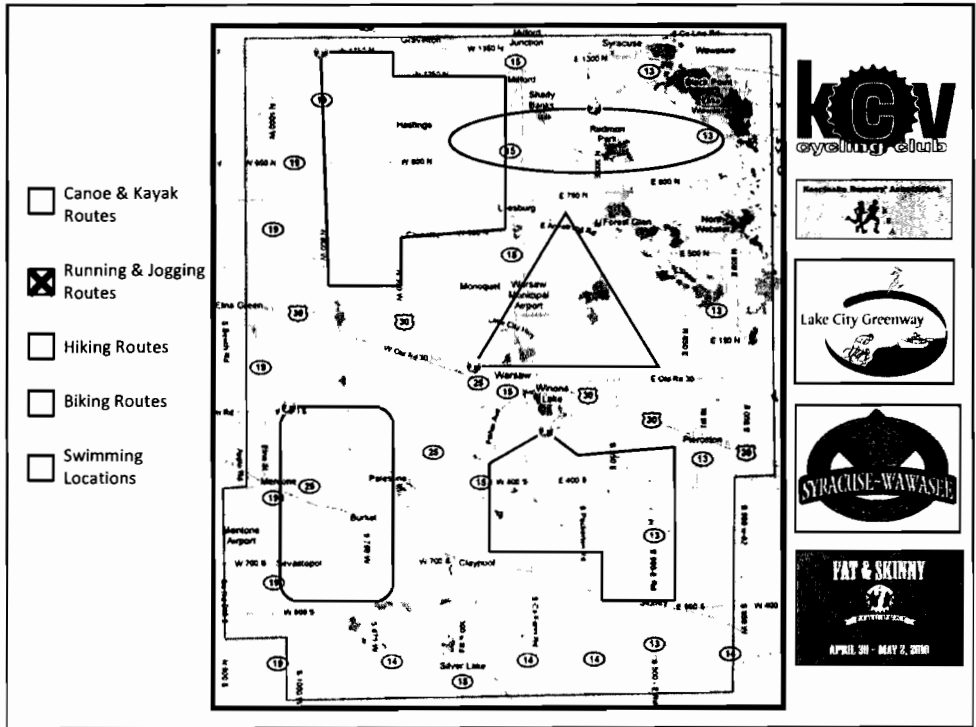


Proposed Recreational Layers

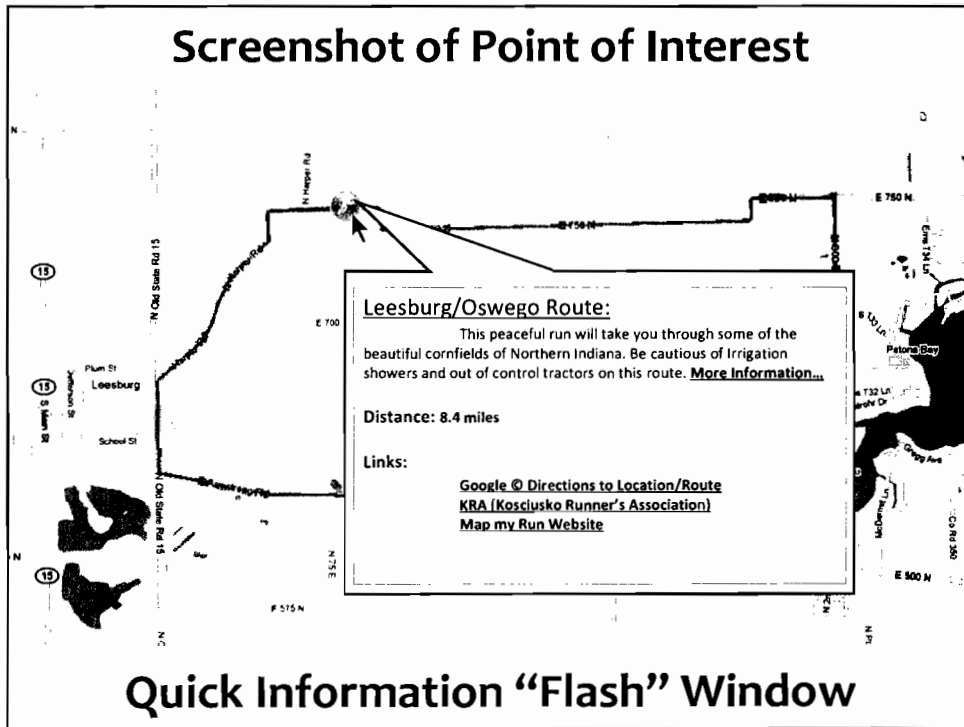
- 1. Canoeing & Kayaking**
- 2. Running & Jogging**
- 3. Hiking**
- 4. Biking (Road & Mountain)**
- 5. Swimming**

Screenshot of KCVB Website

The map could be included under the “What To Do” tab.



Screenshot of Point of Interest



Leesburg/Oswego Route:

This peaceful run will take you through some of the beautiful cornfields of Northern Indiana. Be cautious of Irrigation showers and out of control tractors on this route. [More Information...](#)

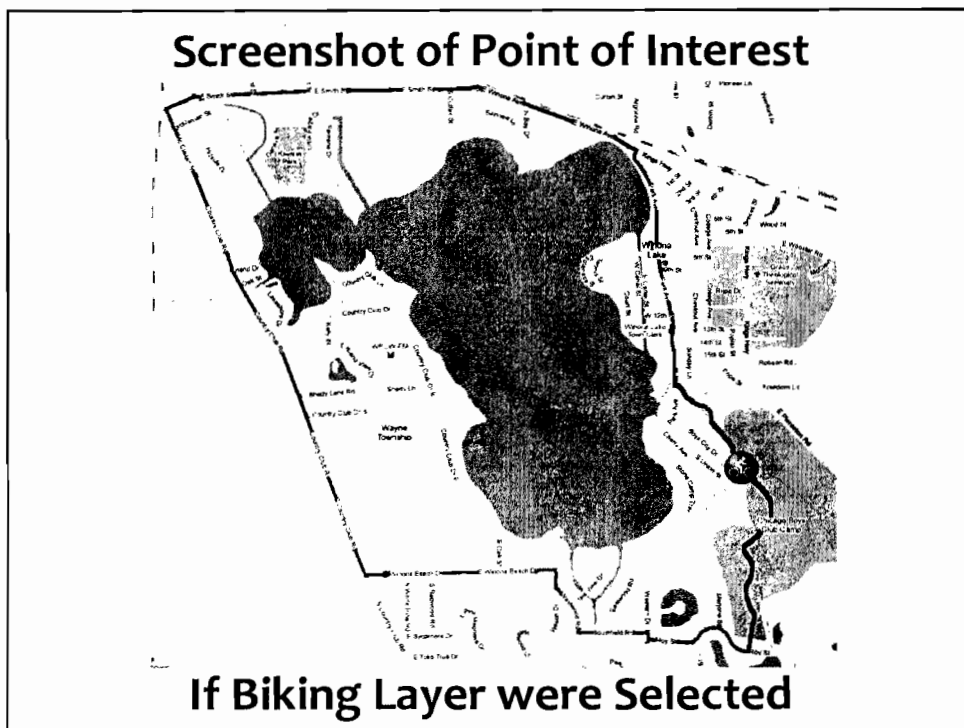
Distance: 8.4 miles

Links:

- [Google © Directions to Location/Route](#)
- [KRA \(Kosciusko Runner's Association\)](#)
- [Map my Run Website](#)

Quick Information "Flash" Window

Screenshot of Point of Interest



If Biking Layer were Selected

Screenshot of Point of Interest

Around Winona Route:

This paved ride is great for any type of biking due to its moderate length and difficulty. This route will provide the rider with a wide variety of environments ranging from beachfront to wooded areas. The eastern and northeast portion of this route will have traffic concerns while the southern portion will utilize the Heritage Trail portion of the Lake City Greenway. [More Information...](#)

Distance: 6.8 miles

Terrain: paved

Links:

[Google @ Directions to Location/Route](#)

[KCV Cycling Club](#)

[Lake City Greenway](#)

Quick Information "Flash" Window

Development & Funding

1. KCVB Web Developer Quote

(Image Group Inc.)

2. Possible Funding Options

- a. KCVB Grants Opportunities
- b. OrthoWorx (community enhancement)
- c. Local interested parties (donations, promotions, advertisement)
- d. Jean Northenor Award 😊

Sustainability

1. Monthly maintenance fees will be included in the annual cost of the existing KCVB website. **NO NEW MAINTENANCE COSTS!**
2. Additions or changes will likely be handled on an hourly rate basis.
3. Any additions and updates needed will be readily available through relationships with committees, groups, and clubs.

In Conclusion

1. What we've covered today:
Describe & Define
Development & Funding
Sustainability
2. Research on each recreational layer has already been done.
3. This project is ready to go!

Kosciusko County Interactive Recreational Map

"Your one-stop-shop for area recreational information."

This tool will provide users with the ability to discover some of the recreational treasures hidden throughout the county. Research has been done by members of this team to uncover some of these areas of recreational interest. The research has been limited to pedestrian activities, in other words, all of the included sections can be performed without the use of substantial equipment. Information has been derived from groups, committees, or clubs within the county that specialize in these areas and have a vast knowledge of routes or locations that provide users with the most beneficial activity experience.

Recreational Layers:



1. Canoeing & Kayaking
2. Running & Jogging
3. Hiking
4. Biking (Road & Mountain)
5. Swimming

If you have any questions or comments regarding the Interactive Recreational Map please contact the Kosciusko County Visitor's Bureau at 574-269-6090.