



MAKING CONNECTIONS: ANALYSIS & DESIGN

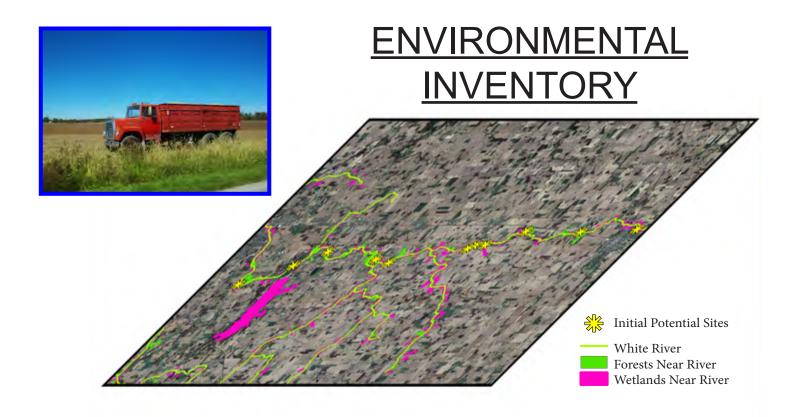


Social Sustainability

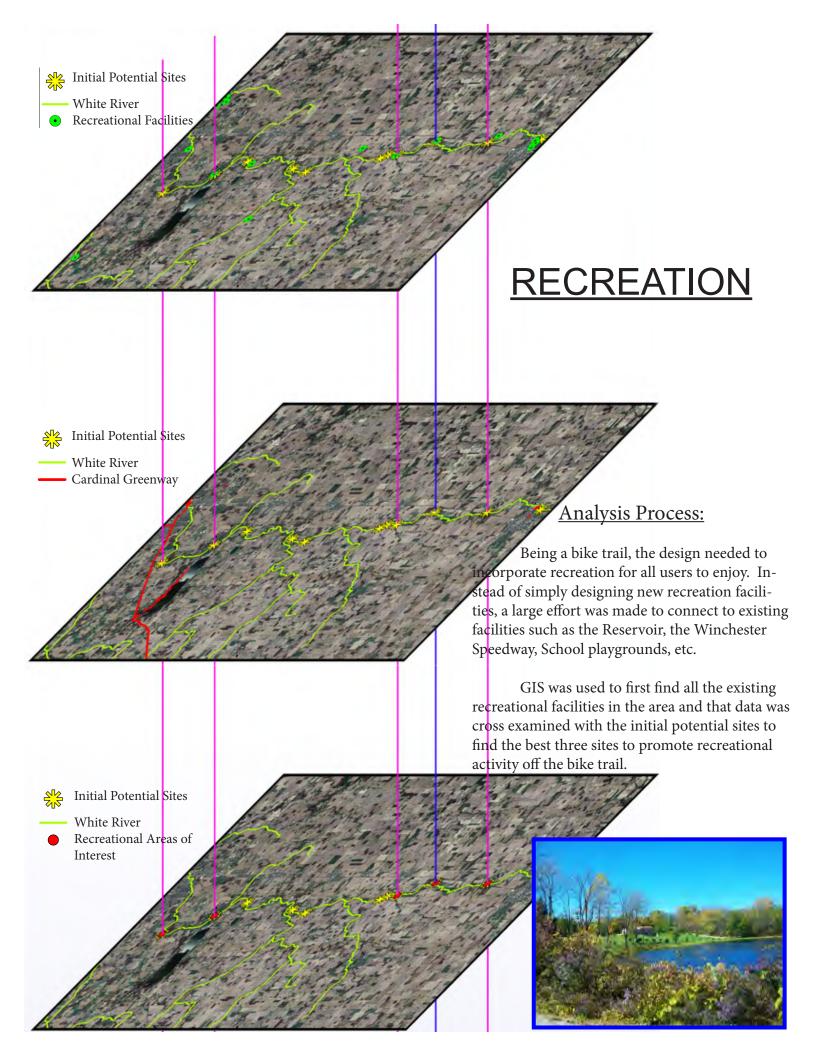
The focus of this project was social sustainability and making connections from place to place, person to person, and person to nature. The proposed extension of the Cardinal Greenway would allow members of different communities in the watershed to visually see that they are connected to each other as well as to the White River. The trail itself physically connects Muncie, IN to Winchester, IN and the few small towns and communities in between. The seven trail heads help to connect the north and south portions of the watershed with the help of farmers markets, bike shops, and recreational areas. These trail heads provide a reason from people in the watershed to come closer to the river and appreciate it for what it is. Once people start to see the river as an asset to the community, they will in turn begin to be more conscience about what they are doing to the watershed and how that affects the quality of water in the river.

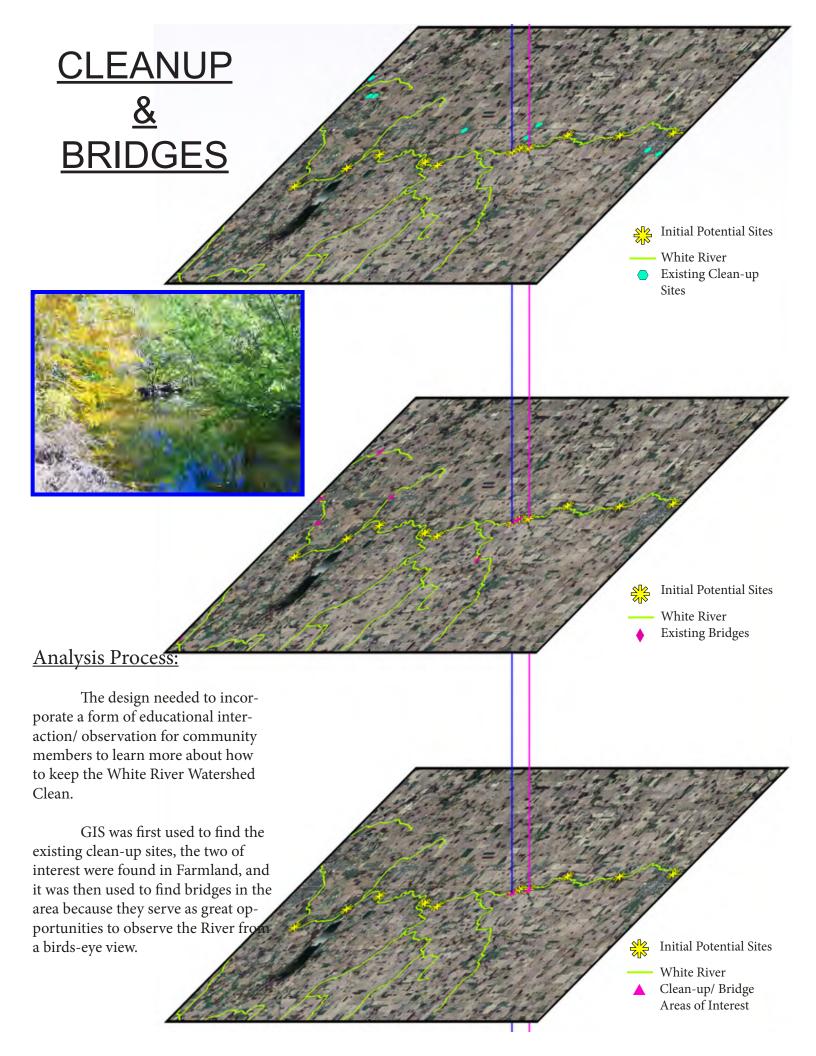
Big Idea

Reconnect the rural towns and people to the Wapihanne River (White River) and program seven stopping points along a bike trail from Muncie to Winchester with an emphasis on rural agriculture, historical influence, and environmental sustainability.









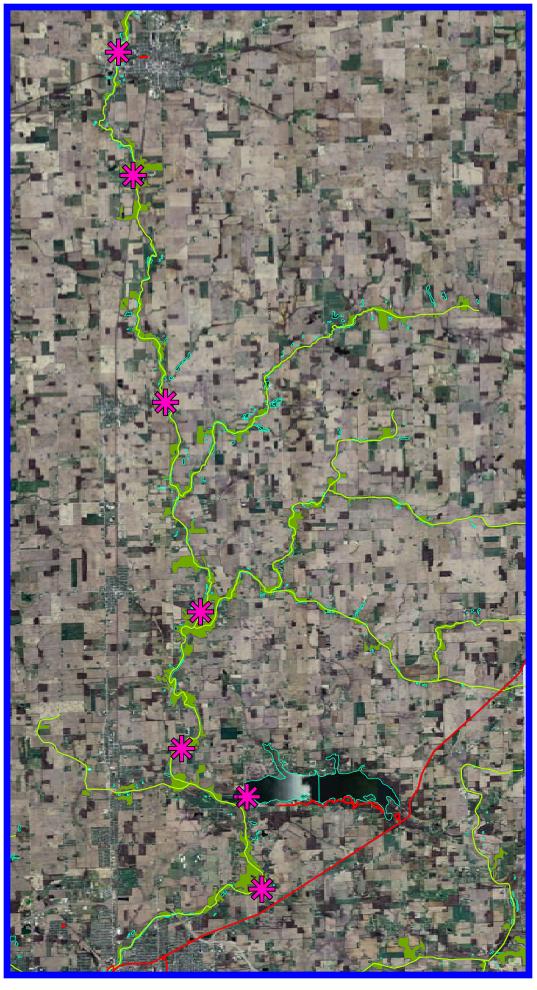


Objectives:

- Focus on how to connect cities, towns, and families in a cohesive, organized, fun, artistic manner.
- Design potential economic booster sites such as farmers market, pumpkin patch, blueberry path, corn maze, bike shops, campgrounds, etc.
- Educate the Muncie, Winchester, and the communities in between on the watershed, why it is important, and how we are all connected by it.

Goals:

- Connect the trail to schools sites where the trail can pause and students can interact with agriculture, recreation, and nature.
- Locate an observation tower on one of the seven sites to allow students and other community members to observe their watershed and rural landscape.
- Provide safe pedestrian access across streets, railroad tracks, and the White River.
- Use historical barn designs for buildings located on site to maintain the classic midwestern rural character.



FINAL SITES





Legend



Existing_trails

--- White_river

Forest_200ft_From_River

Wetlands



- Connect to existing trail
- Provide information and signage about trail addition
- Bike station/ shop for bike repair and general goods.
- Connect to Camp Redwing.
- Involve people in agriculture practice in some way.
- Rural character bridge over the river



- Trail split connecting to reservoir
- Provide safe pedestrian crossing at the street







- Use sub trails to connect to Green Hills country club and Wapahani high school/ Selma middle school.
- Schools are connected to agriculture sites. Could be used for education.
- Establish additional recreation facilities.



- Create a farmers market location o Include a structure for rainy occa-
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 - o Include seating and eating areas
 - o Include areas for entertainment
- o Provide signage-displaying information about where the food is coming from and how it was grown.







- Advertise clean up initiatives in farmland.
- Educate visitors on renewable energy, storm water management, biogas, algae to biofuel and complete streets.
- Propose trail connection to farmland.
- Provide views of the White River



- Connection to speedway
- Bike repair/ tune up shop and convenient shop that trail and speedway users can use.
- Connection to railroad tracks
- Establish additional recreation facilities.







- Connect to Goodrich park
- Connect to Winchester Community high school
- o Make educational area for agriculture studies.
 - o Use space for farmers market as well
- Establish addition recreation facilities for high school students.
- Utilize an observation tower for community members and students to view the area.



Precedence Studies



The Burke-Gilman Trail - Seattle WA. - 27 miles





Creekside Trail - Dayton OH. - 17 miles



CONCLUSION:

After analyzing the White River Watershed and finding several points of interest along the White River for recreation, education, observation, and exploration, it was clear to see that many of these points were disconnected and segregated.

The extension of the Cardinal Greenway, as a bike trail, not only physically connect Muncie to Winchester, but it also symbolically connects all of the smaller communities in between and north and south of the White River. There are

several farming communities in the White River Watershed, yet the do not seem to be connected by much more than rural streets. By providing these trail heads, they now have a place to educate community members and get them involved with farmers markets and other social events.

The designed Greenway is an extravagant, peaceful experience through a classic midwest landscape, and it literally and metaphorically connects the people of this watershed.

