

This project provides a system that unites Bullitt County's prime elements: natural features, urban cores, and cultural resources.

While incorporating new programs into the system such as water management strategies, educational nodes, and nature trails, the design maximizes exposure to existing natural features and urban cores.

The concept of providing a common element for the different communities to share reinforces the county's identity as an activity hub. Because of the county's geographic features, we are able to take advantage of the existing natural components and reintroduce it to the county.

THE COMMON ELEMENT

BULLITT COUNTY | KENTUCKY

COMMON

ELEMENT

'a piece of open land for public use'

'a natural habitat, sphere of activity, environment, etc.'

- PRIMARY TRAIL
- SECONDARY TRAIL
- TERTIARY TRAIL
- CITY BOUNDARY
- ENVIRONMENTAL AREAS
- TRAILHEADS
- ROADS

Hannah McClure | Achan Sookying | Nathan Wright



URBAN CORE

- Rain Gardens
- Streetscape
- Mixed-use Infills
- +Common Space
- +Economic Base

NATURAL FEATURES

- Stormwater Retention
- Environmental Preservation
- Natural Trails
- +Open Areas

CULTURAL RESOURCES

- Wayfinding
- Educational Interaction
- Environmental Systems
- +Providing Knowledge
- +Environmental Protection

TR BULLITT TRAIL

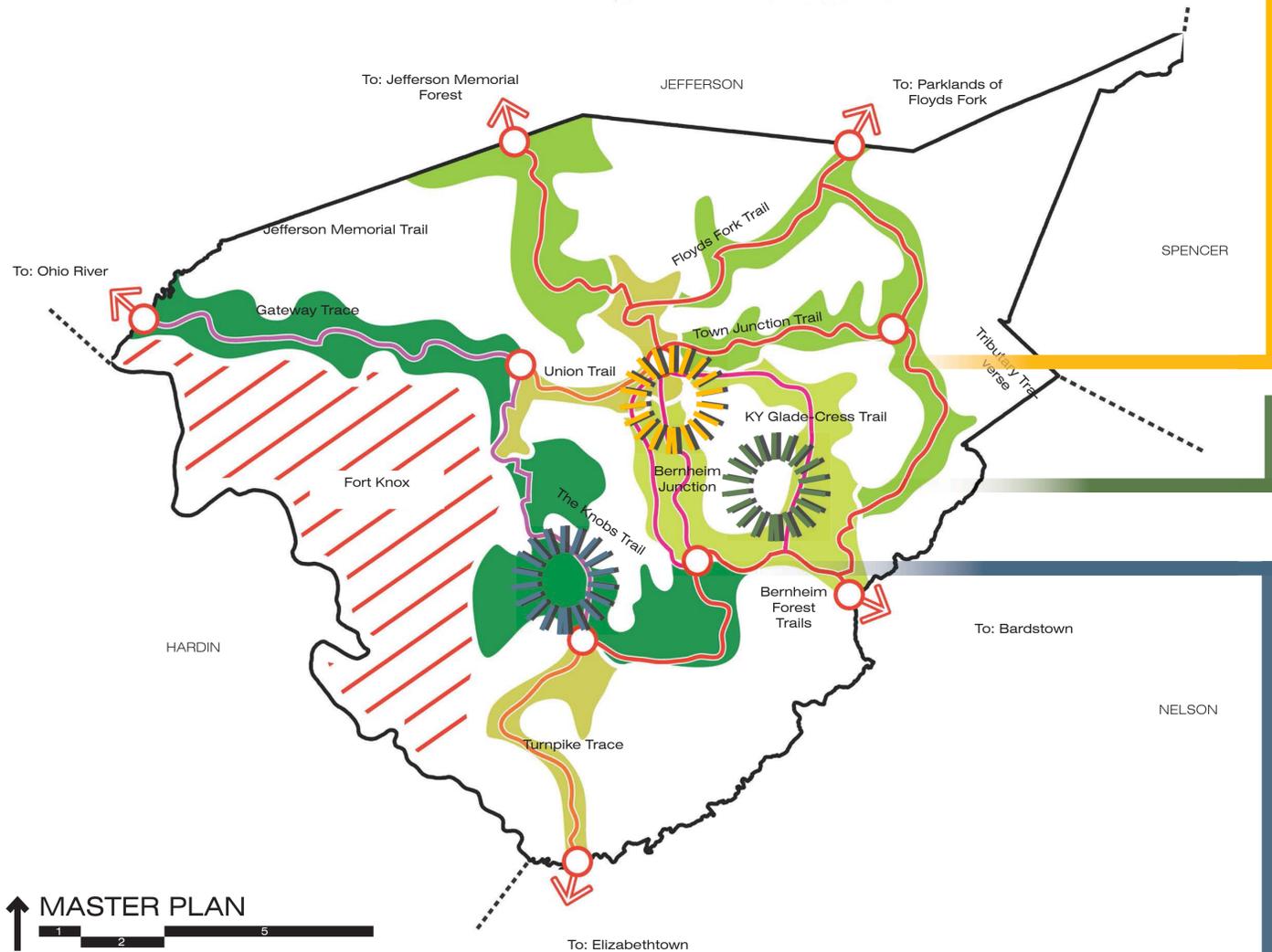
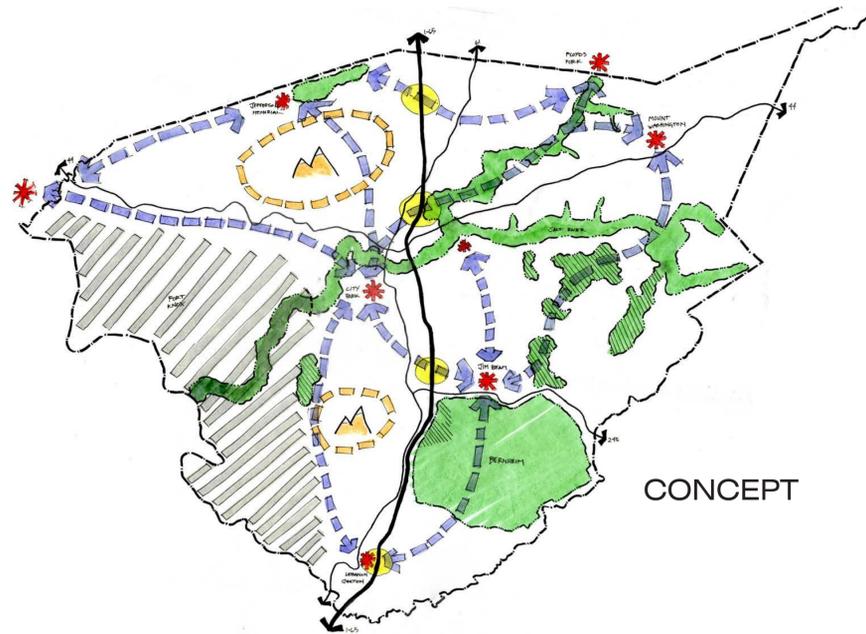
COMMUNITY — NATURE — PEOPLE

IMPROVING THE HEALTH OF

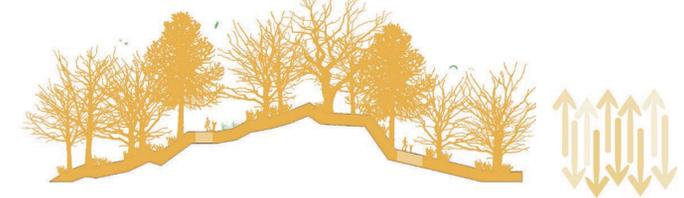
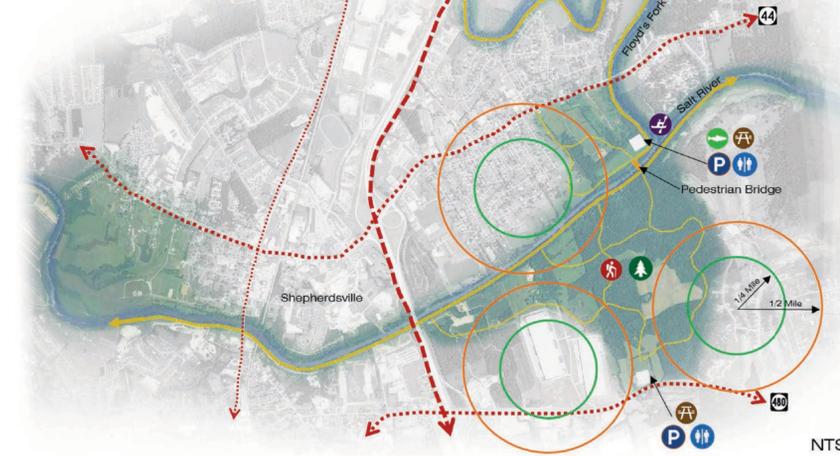
NATURE
COMMUNITY
PEOPLE

IN BULLITT COUNTY THROUGH

PRESERVATION
CONNECTIONS
FITNESS



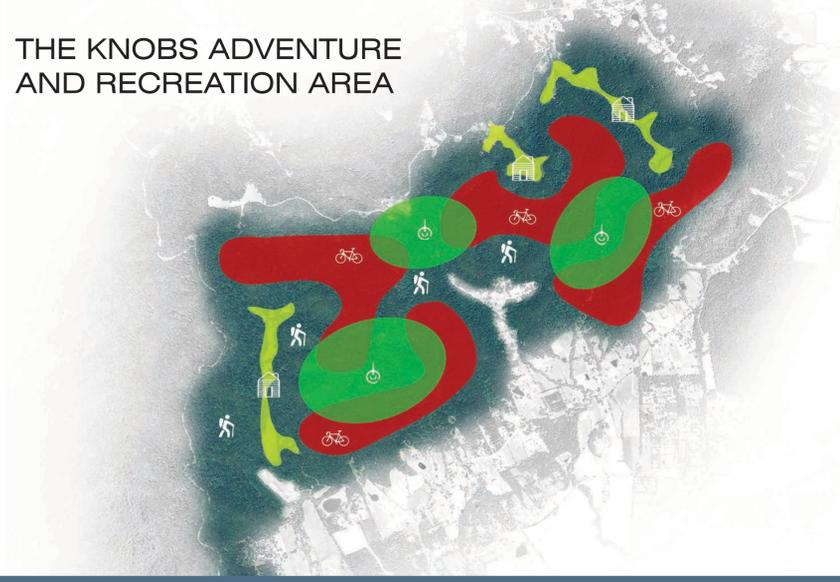
CITY PARK EAST



HABITAT HEALTH AND TEACHING TRAIL



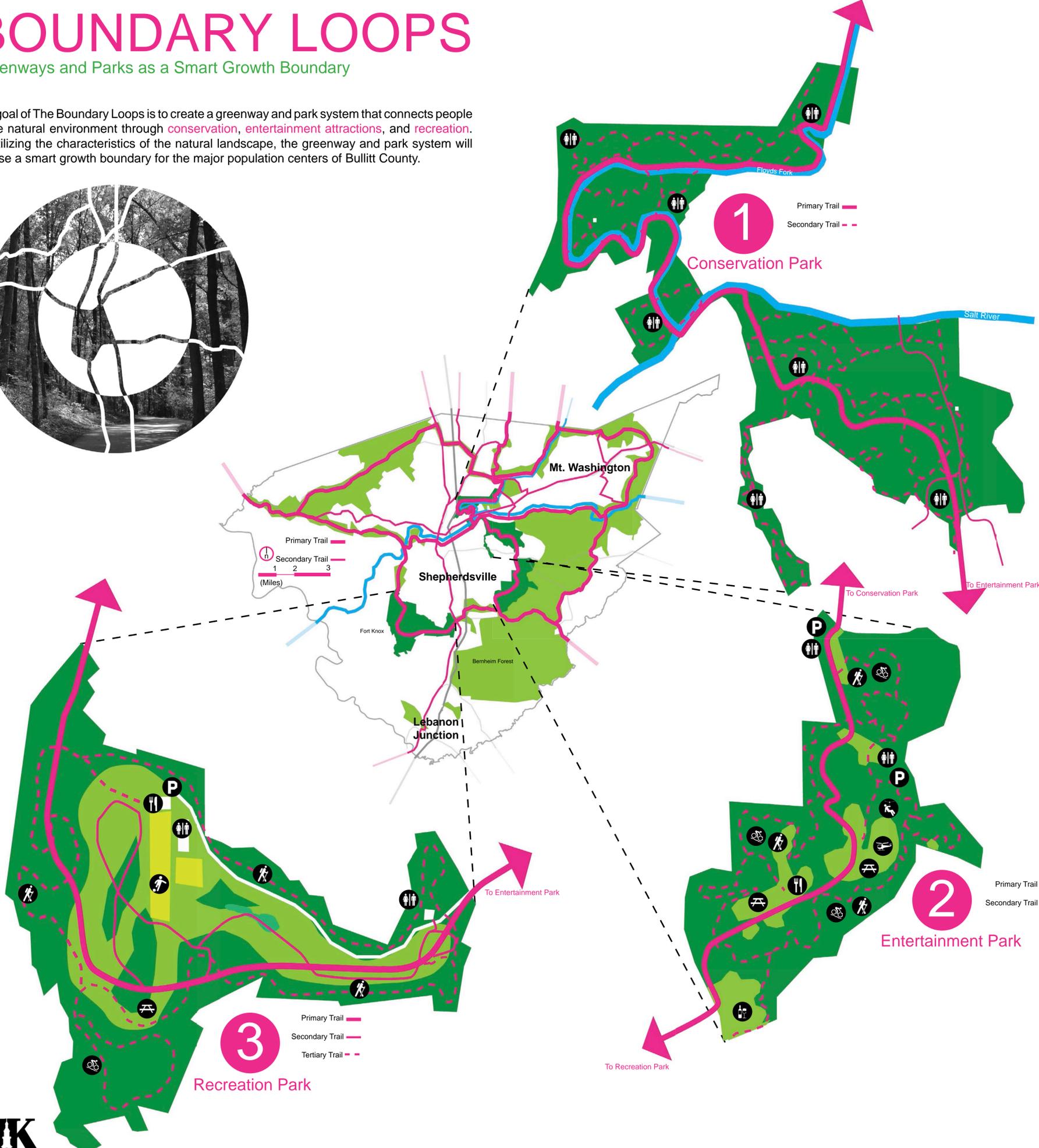
THE KNOBS ADVENTURE AND RECREATION AREA



BOUNDARY LOOPS

Greenways and Parks as a Smart Growth Boundary

The goal of The Boundary Loops is to create a greenway and park system that connects people to the natural environment through **conservation**, **entertainment attractions**, and **recreation**. By utilizing the characteristics of the natural landscape, the greenway and park system will impose a smart growth boundary for the major population centers of Bullitt County.



1- Conservation Park



Conservation Park Trails

Proposed Roadway and Trail



2- Entertainment Park



Hiking and Biking Trails

Biking Trails and Zip Line

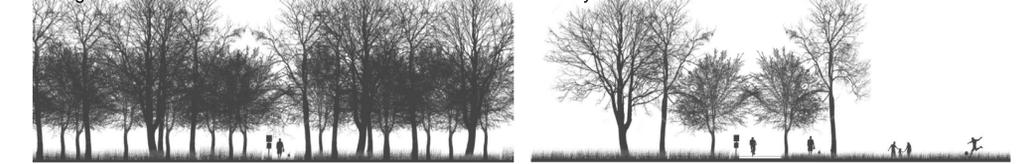


3- Recreation Park



Hiking Trail

Primary Trail and Recreation Field



Bullitt's Barrel Run

Nolan Stone, Jonny Wehmer, Austin Sauer

Introduction

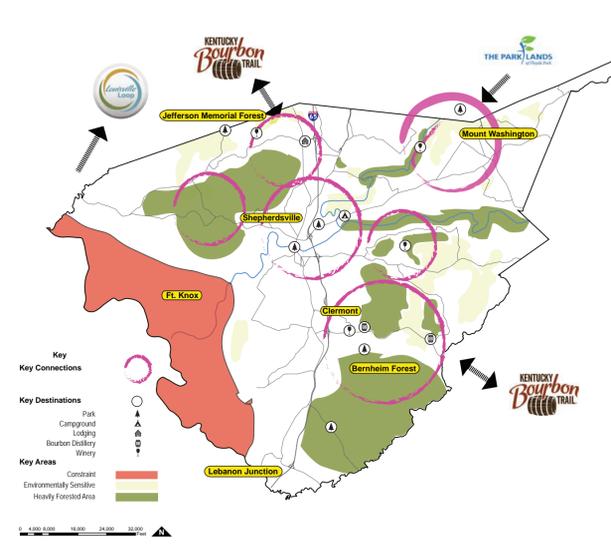
Bullitt's Barrel Run master plan is a series of three trails that connect different areas of Bullitt County to one another. Each trail utilizes specific features along the trail based on location and what key destinations the trail leads to. Overall, these features relate to one another and allow for all three trails to join as one large greenway. This greenway and its trails can then be expanded to surrounding trails and greenways outside of Bullitt County. This county is home to wineries and distilleries that created a tourist attraction which led to the creation of a trail that will better suit an increase in tourism with Bullitt's Barrel Run greenway.

Goals/Objectives

- Cultural Connections (connection between towns and key areas)
- Wayfinding and branding (how to navigate throughout the areas)
- Blueway Connections (utilizing water trails and activities)
- Environmental Conservation (wildlife restoration and protection)
- Recreational Opportunity (areas for athletics and exercise)

Concept

Bullitt's Barrel Run is meant to attract tourism for the wineries and distilleries located in Bullitt County. Once people travel along the wine and bourbon trail, they will be consumed with the many different outlets of activity along the trail. Campgrounds and cabin style lodging will entice visitors to stay and invest time into the county which translates into monetary income for the community.



Analysis

Our group mapped and labeled the major towns located in Bullitt County and key destinations located around those towns. Then, our group proceeded to route trails to connect the town and key destinations using three different trail systems that run along major roads. After mapping out the trails, our group looked into existing forested areas, environmentally sensitive areas, and areas of constraint and how these relate to the trails our group had put in place. After analyzing these areas, our group looked into new spaces along our trails to expand and connect to the existing areas. Then, our group located existing trails or greenways outside of Bullitt County that would be used to connect to Bullitt County's greenway in the future.

Master Plan

The master plan is divided into three main trails. The first trail, The Knobs Adventure Trail (orange), located in the northwestern part of Bullitt County, consists of steep terrain and heavily forested areas. One key element of this trail are the camping areas which consist of either tents or log cabins. These camping areas are accessible from the hiking trails that run through the forested areas. There are also paved trails that run along the main roads and help connect shops and restaurants. The second trail, The Community Trail (red), located in the northeast part of Bullitt County, connects community areas such as parks and activities. This area also has a blueway connection utilizing Floyds Fork and the Salt River. The third trail, The Wine and Bourbon Trail (blue), located below the community trail in the eastern part of Bullitt County, connects all the wineries and distilleries in Bullitt County with a vision that will increase tourism for the county.

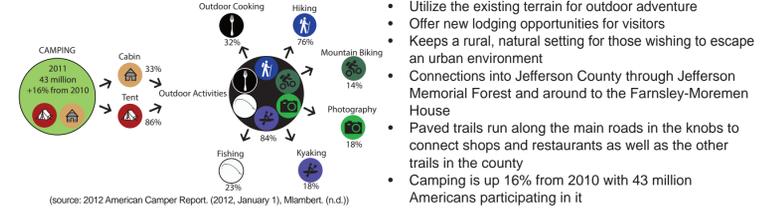
ADVENTURE TRAIL



Cabins for rent to escape the urban setting



Campsites that offer more primitive style camping



- Utilize the existing terrain for outdoor adventure
- Offer new lodging opportunities for visitors
- Keeps a rural, natural setting for those wishing to escape an urban environment
- Connections into Jefferson County through Jefferson Memorial Forest and around to the Farnsley-Moremere House
- Paved trails run along the main roads in the knobs to connect shops and restaurants as well as the other trails in the county
- Camping is up 16% from 2010 with 43 million Americans participating in it

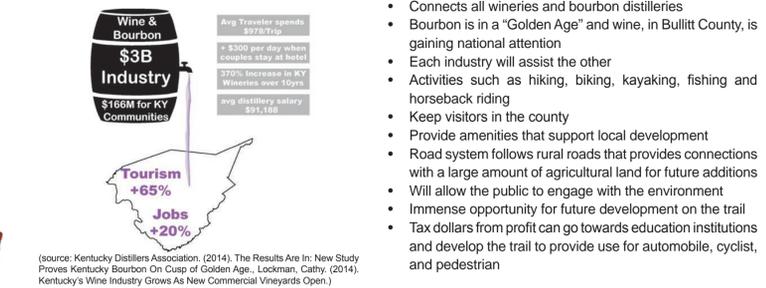
WINE + BOURBON TRAIL



Connection to all wineries and bourbon distilleries



Group activities are welcomed on all trails



- Connects all wineries and bourbon distilleries
- Bourbon is in a "Golden Age" and wine, in Bullitt County, is gaining national attention
- Each industry will assist the other
- Activities such as hiking, biking, kayaking, fishing and horseback riding
- Keep visitors in the county
- Provide amenities that support local development
- Road system follows rural roads that provides connections with a large amount of agricultural land for future additions
- Will allow the public to engage with the environment
- Immense opportunity for future development on the trail
- Tax dollars from profit can go towards education institutions and develop the trail to provide use for automobile, cyclist, and pedestrian

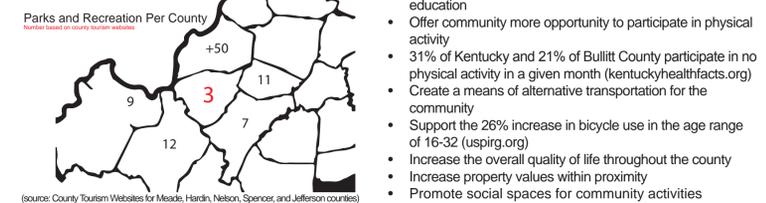
COMMUNITY RECREATION TRAIL



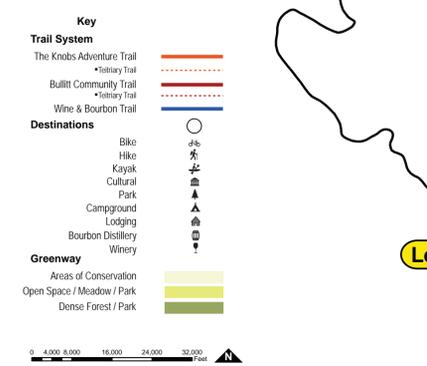
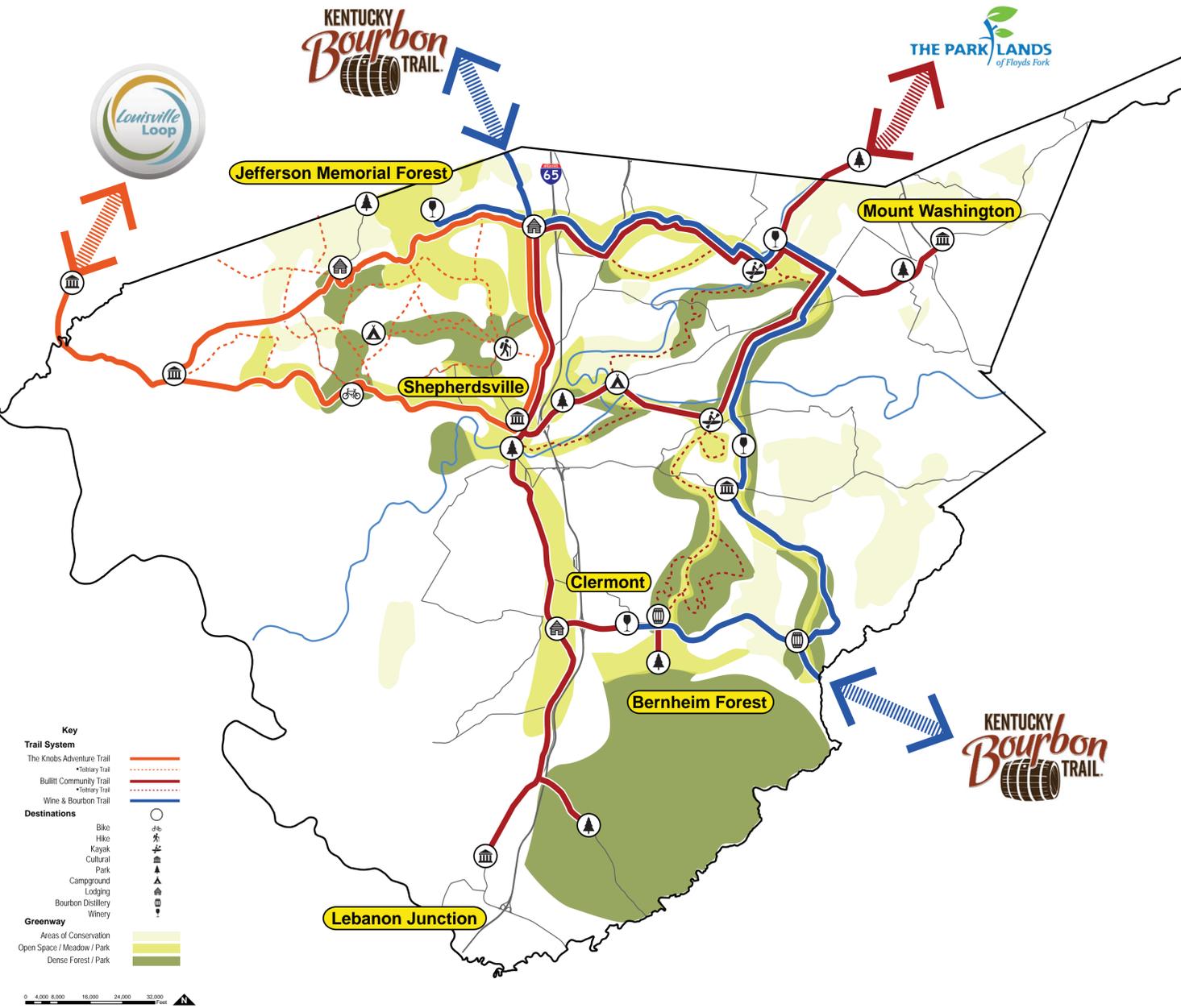
Park system that allows for leisure outdoor activities



Alternative transportation system in effect

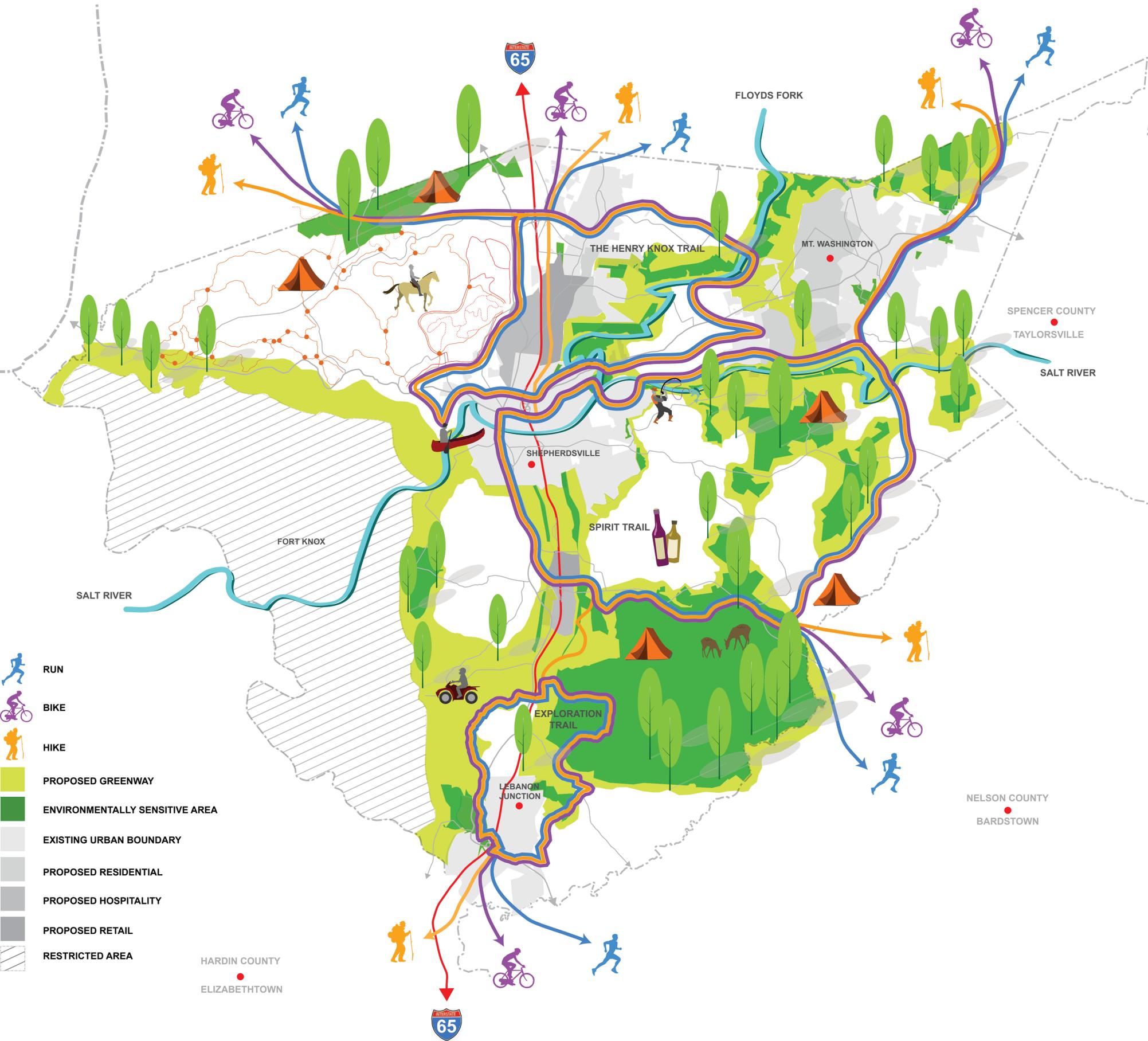


- Hosts activities such as canoeing, jogging, concerts, and education
- Offer community more opportunity to participate in physical activity
- 31% of Kentucky and 21% of Bullitt County participate in no physical activity in a given month (kentuckyhealthfacts.org)
- Create a means of alternative transportation for the community
- Support the 26% increase in bicycle use in the age range of 16-32 (uspig.org)
- Increase the overall quality of life throughout the county
- Increase property values within proximity
- Promote social spaces for community activities



0 4,000 8,000 16,000 24,000 32,000 Feet

JEFFERSON COUNTY
LOUISVILLE



GOAL AND OBJECTIVE

“...DISCOVER, KEEP CALM, AND TRAIL ON to a connected and healthier Bullitt County...”



KEEP CALM and TRAIL ON

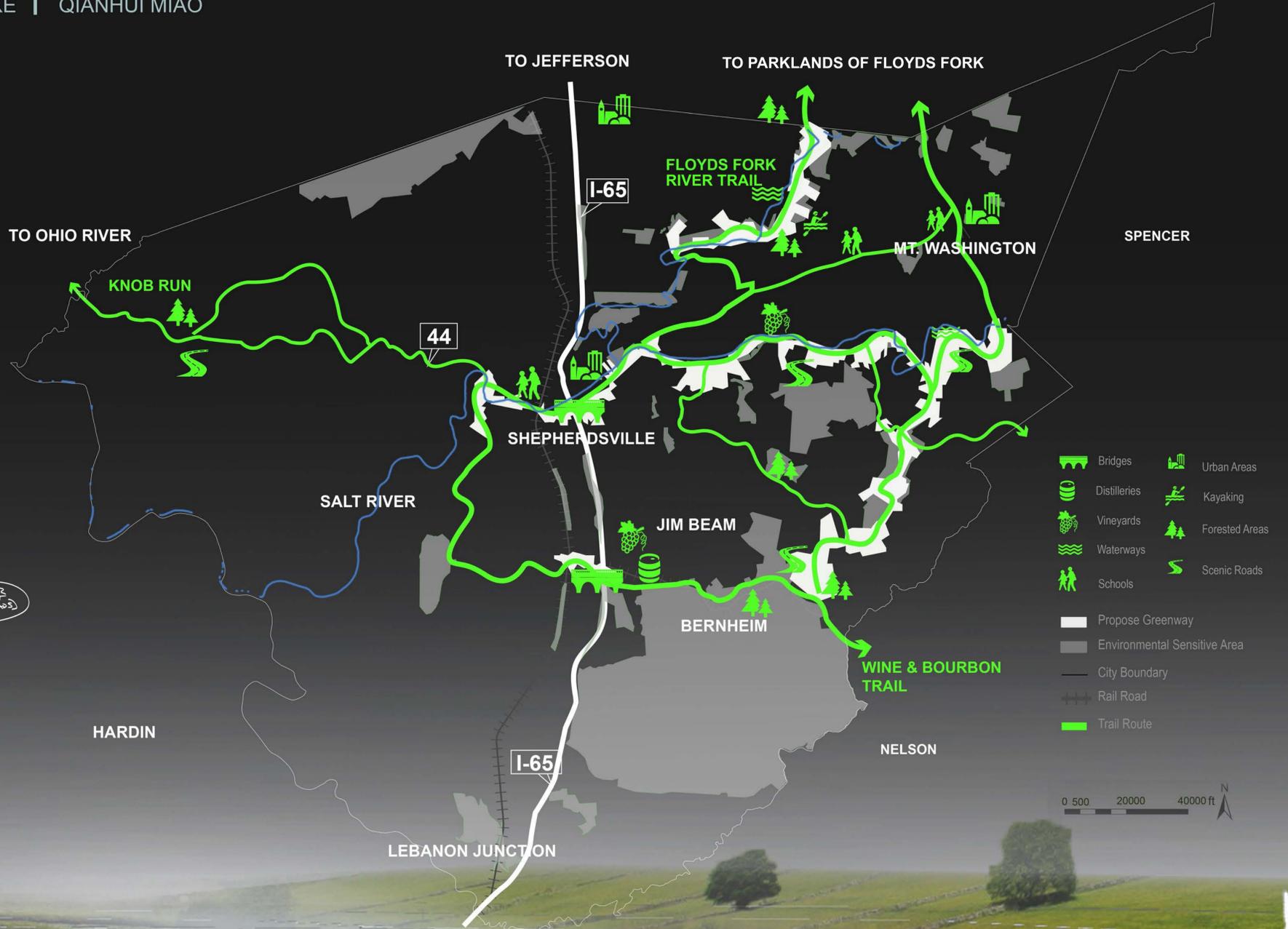
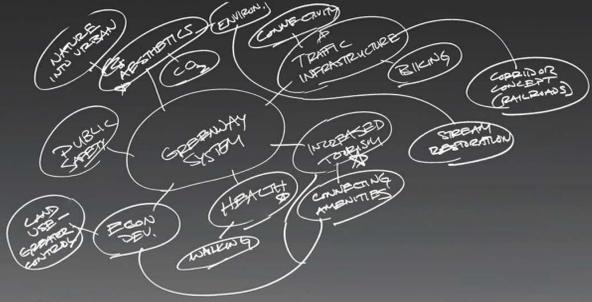
DISCOVER BULLITT COUNTY

FOLLOW ME TO BULLITT COUNTY

CLAYTON PITCOCK | TRAVIS KLONDIKE | QIANHUI MIAO

What gives a place its identity? What values can a greenway bring to the Bullitt County? How can the overall social and ecological quality of Bullitt County be increased? And how can the public desires of health, environment, and culture be fulfilled? With these questions, we identified our goals for developing the overall infrastructure through the design of recreational, educational, and sustainable landscapes. This project seeks comprehensive solutions by analyzing, planning, and incorporating with the county's future development objectives.

Base on the analysis, the design embodies sustainable and low-impact strategies in order to achieve ecological restoration along the greenway. With potential for recreational and educational use, the site can transform into public infrastructure that provides active biking, walking, and playing experiences.



FLOYDS FORK RIVER TRAIL



KNOB RUN



WINE & BOURBON TRAIL

