Compilation of Withrow Springs State Park Amenities

Introduction to GIS - EMPACTS Project
Paul Lowrey, Instructor
Tony McDonald, student
Northwest Arkansas Community College
Bentonville, AR 72712

Introduction

By Tony McDonald

Instructor: Paul Lowrey

Intro to Geographic Information Science

- I have chosen Withrow Springs State Park as my project . The reason I did is because I have many memories going there as a child. This place has been a wonderful recreational area for the community of Huntsville Arkansas. There are so many things to do here in the park and I wanted to show people that it is such a fun place to visit.
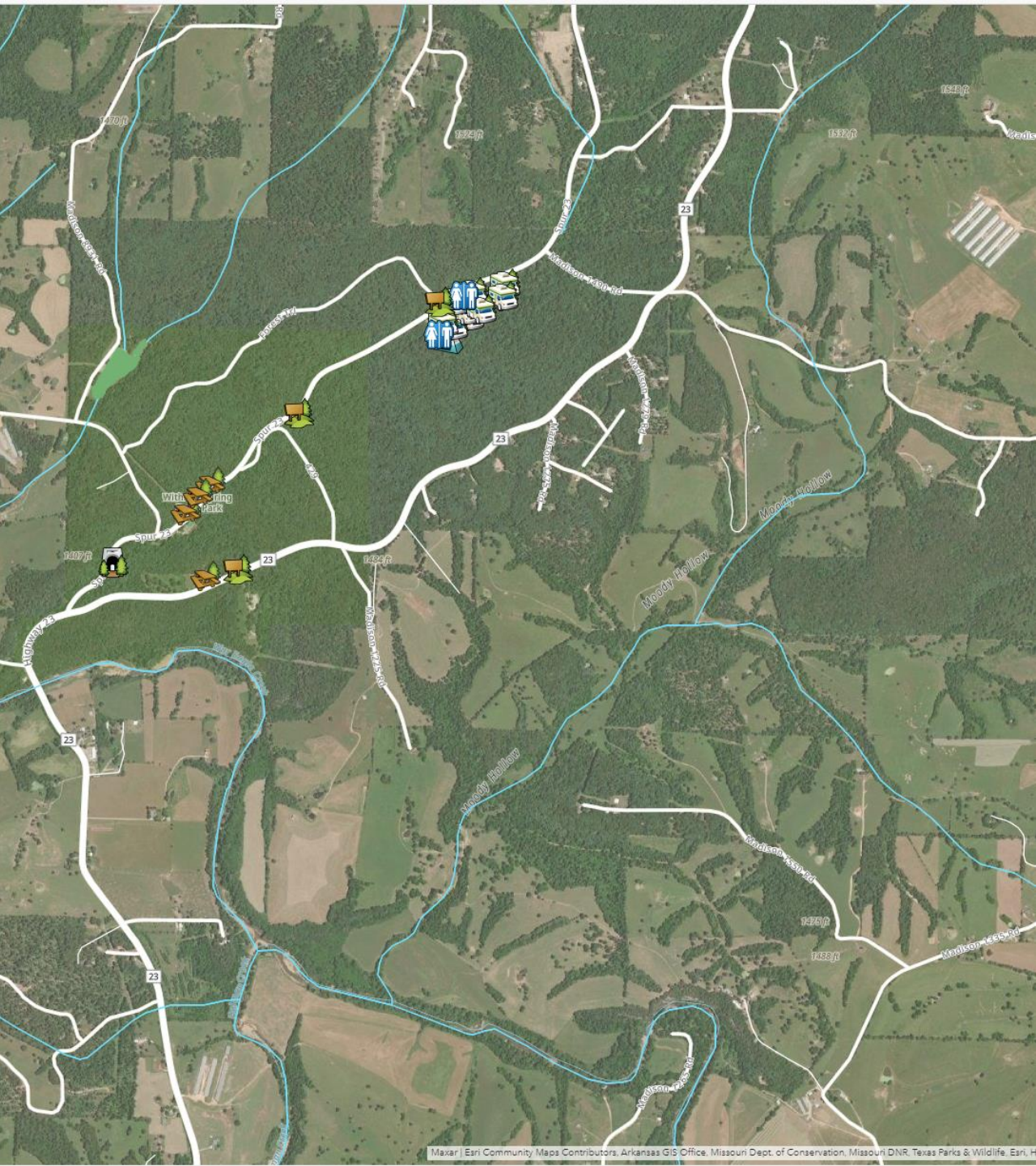
Project Overview

What I did to provide information was go to the park physically and take photos of the amenities of the park. I also took Gps locations for every amenity that was at the park. I also researched the park on the web using the official state website.

City of Huntsville
Crossroads of the Ozarks

Community

The community this park supports is the city of Huntsville and the community of Forum. The community was served by providing activities for families and general place to go for outdoor fun. Here is the Huntsville website: https://huntsvillearkansas.org/

Drinking Water
Showers
Dining
Medical Facility
Ranger Station
RV Parking
Trash Can

Withrow Springs State Park - Recreation Labels

Aa Recreation Label

Withrow Springs State Park - Trails

Walking
Biking
Equestrian
Stairway
Motorized
Cross-country skiing

Withrow Springs State Park - Recreational Areas

Recreational Area

Madison County Stream Order

Madison County Stream Order

Soils

sandy loam
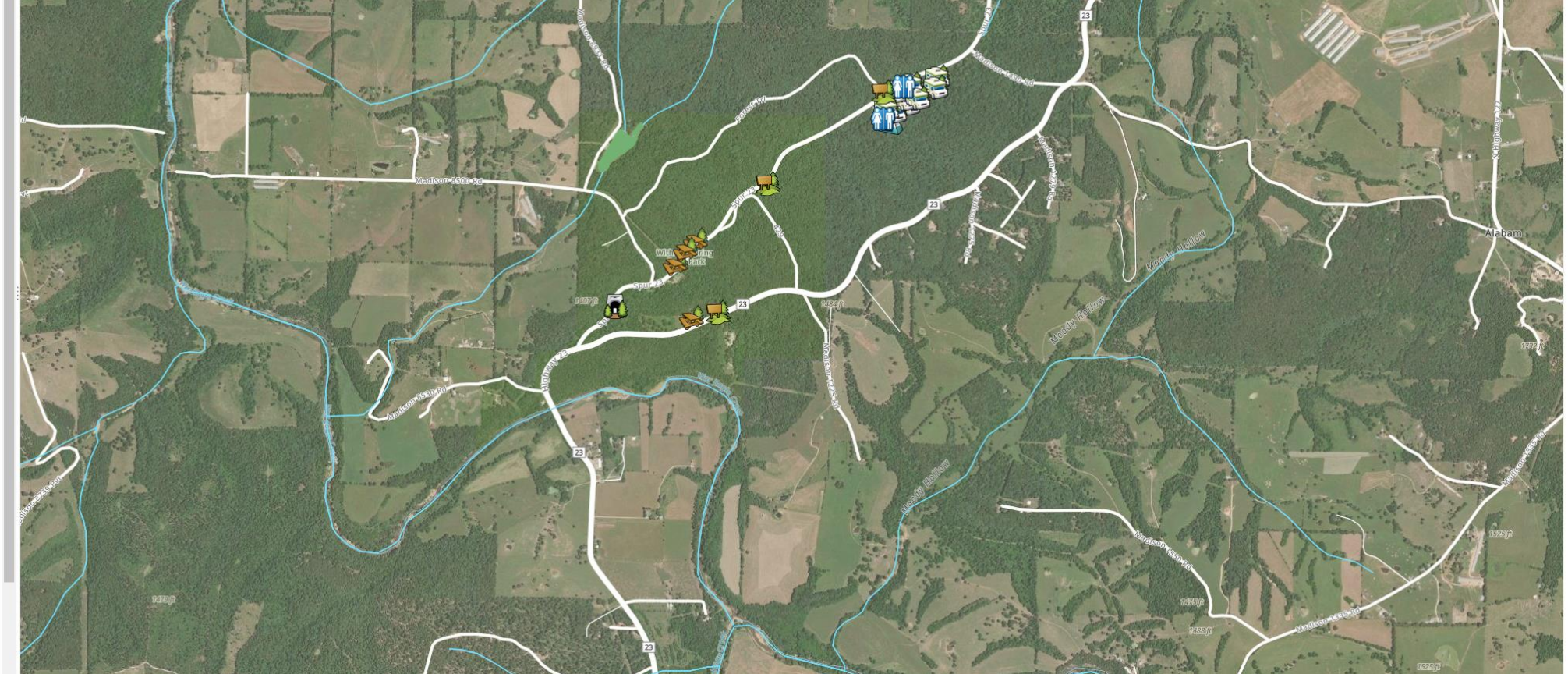
Curriculum

The map shows coordinates and symbolized amenities for the park.

There is a stream layer and topographic layer as well.
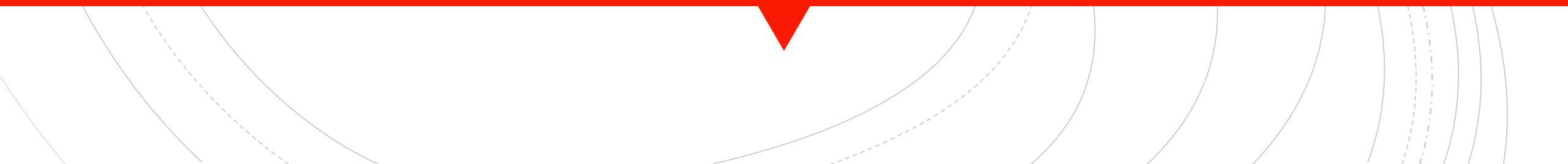
Methodology

- I completed my project by going out to Withrow and documenting the amenities in photos and Gps locations.

- I also used the state website for more info on the park(https://www.arkansasstateparks.com/parks/withrow-springs-state-park).

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    I collected photos and gps first. Then I went to the state website to get more detailed info such as pricing for the amenities. I spent around 6 hours getting photos and Gps locations. Then I spent another 5 hours on the website.

Outside data Collection

Sources:

- https://www.arkansasstateparks.com/parks/withrow-springs-state-park

- https://huntsvillearkansas.org/

- https://gis.arkansas.gov/product/arcgis-online-maps/

- I googled the websites to obtain the data I needed to create my map. I also went to Arcgis.com

I used my Android Razer 2 Phone to collect the photos and My GPS Location app to collect the GPS locations for each amenity.

Personal data

Project Results

I produced a story map and amenities map showing where the amenities were located at in the park and photographs of the amenities themselves. This way the community can go to the Empacts site and view the amenities and their locations. The skills I obtained was building a story map and tracking data for the location information.
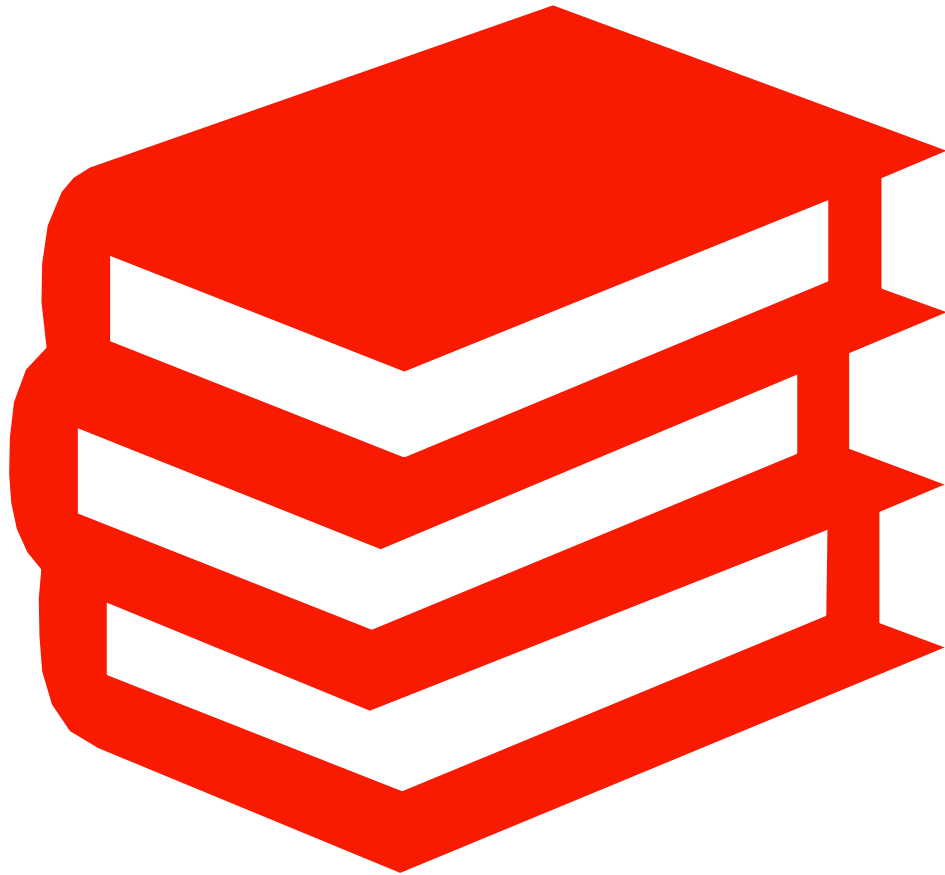
ArcGIS.com

Storymap: https://arcg.is/1P1fnq0

Empacts Map: https://arcg.is/1Tvyb9

Content Knowledge

I think my content conveys more knowledge than the general audience personally. It conveys the locations and amenities of the park that most people don't even know they have.

Appendices/References

- https://arcg.is/1Tvyb9

- https://arcg.is/1P1fnq0

- https://nwacconline-my.sharepoint.com/:f:/g/personal/tmcdonald4_nwacc_edu/EhvO0VJhjDhLkOEzUO6i_i4B2Eb0UtEHFutatyC7f_Yttw?email=tmcdonald4%40nwacc.edu&e=fvz2Co