

Trail Talk Tuesday: Let's Get Started!

November 14, 2023





Sunflower Foundation





What does it take to get to this???



Smoky Hill River Trail (Salina) – October 2023



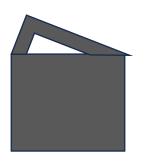
Osage Cuestas Trail (Fredonia) – Nov 2023

A lot... but luckily, some work you can do in your pajamas!

Determine which entities will take ownership of the trail project – all or parts.

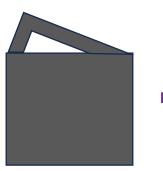
- * Local governmental entity (city, county, school, etc.)
- * Local established nonprofit
- * Local coalition without formal tax structure ("Friends of")
- * Other (Note: Rail-Trails are special, future webinar)

Need an established entity and process for the following: * Obtain legal authority to "sign off" on building trail on public land and establish a plan for trail maintenance. * Develop structure to facilitate the acceptance of any funds dedicated toward the trail.

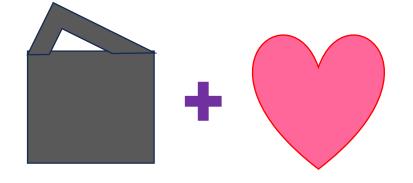


Most Common "Models" for Organizational Structure of Trail Projects

Local governmental entity (city, county, state, school, etc.)



Local governmental entity partnering with established nonprofit; size of nonprofit's role in project can vary depending on local politics, personalities, aptitudes and capacities.



Local governmental entity partnering with coalition of supporters with no established nonprofit formation (e.g., "Friends of ABC Trails" group)

WHO is actually building the trail on public land?

- If trail builders are volunteers or a nonprofit that taking on lead role:
 - Establish MOU (Memorandum of Understanding) between entity building the trail and entity that manages the land.
 - Spell out expectations: "We will do this..."
 - Include plan for maintenance.



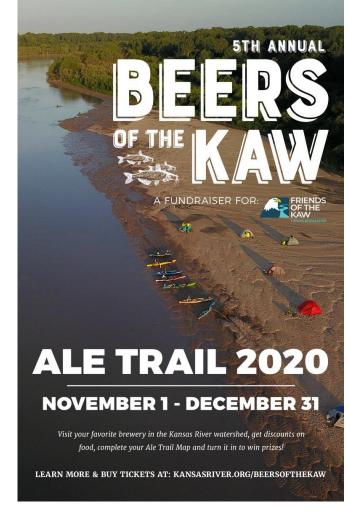
WHO is actually receiving the funds and paying for trail? *Part 1: Grants*

- Local circumstances will dictate which entity is best to 1) write, and 2) submit grants.
 - Local governments typically best for federal/state grants, though nonprofit assistance can be very helpful for critical support activities.
 - Nonprofits often better-suited to apply for philanthropic funding with less regulations.
 - If you are a "Friends" group writing grant, include Letter of Commitment/MOU with city and information on fiscal agent.



WHO is actually receiving the funds and paying for trail? *Part 2: Fundraising*

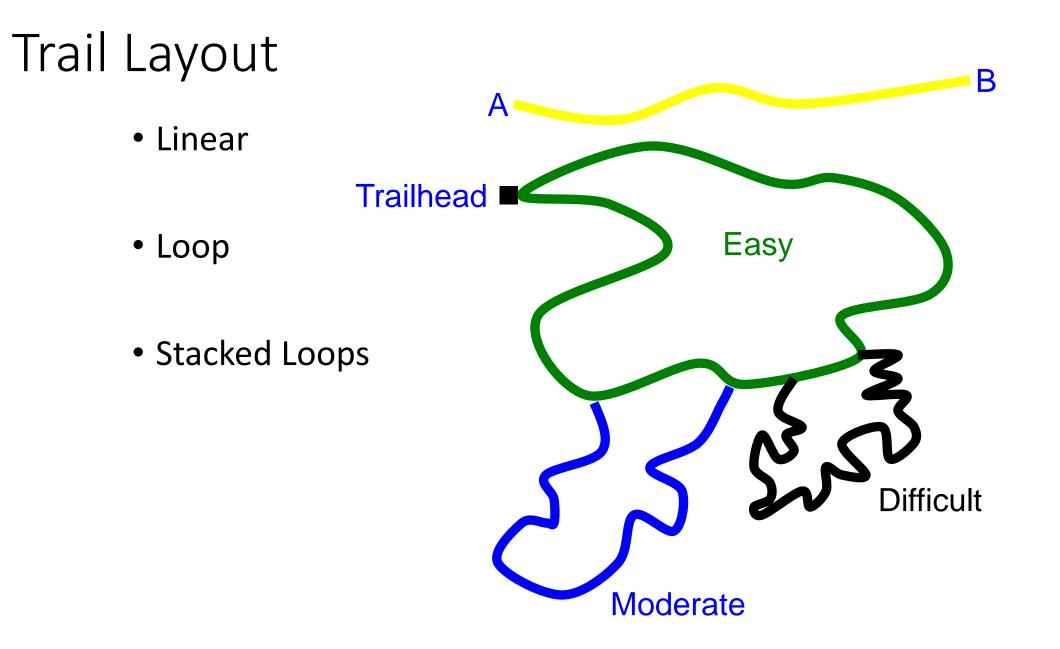
- It's a lot easier for nonprofits or "Friends" group to raise money from the public than local government.
- If fundraising group is not 501c3, establish a fund for the trail at local community foundation. Emphasize tax deductions and encourage use of donor-advised funds.



NOTE: Discuss "flow of funds" ahead of time – i.e., what is process to pay vendor(s) to build the trail.





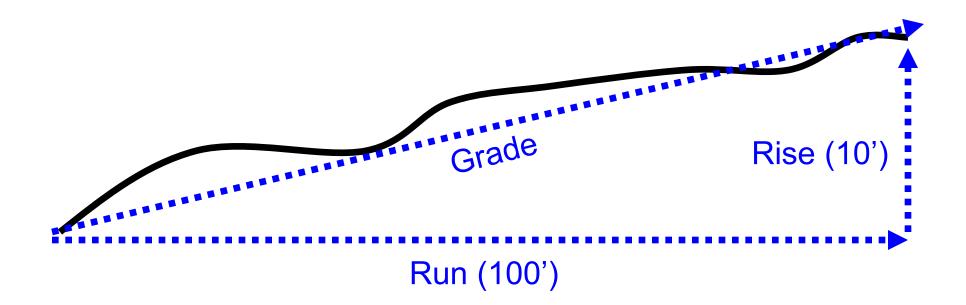


Positive Control Points View



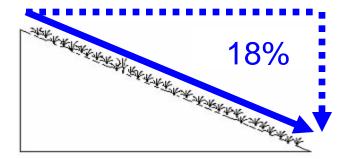
Grade or Slope

Change in elevation from one point to another Rise over Run: 10'/100' = 10%



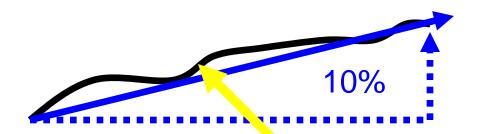
Two Simple Rules

- One-half Rule
 - Trail grade should be less than ½ of sideslope



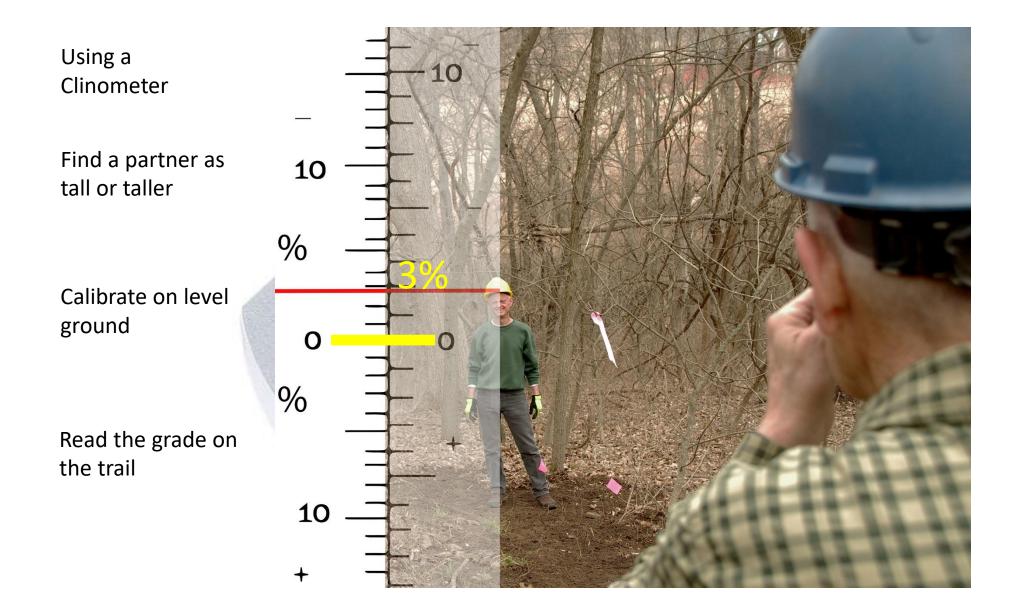
18% Sideslope: Trail grade = 9% or less

- 10% Rule
 - Overall trail grade should be 10% or less

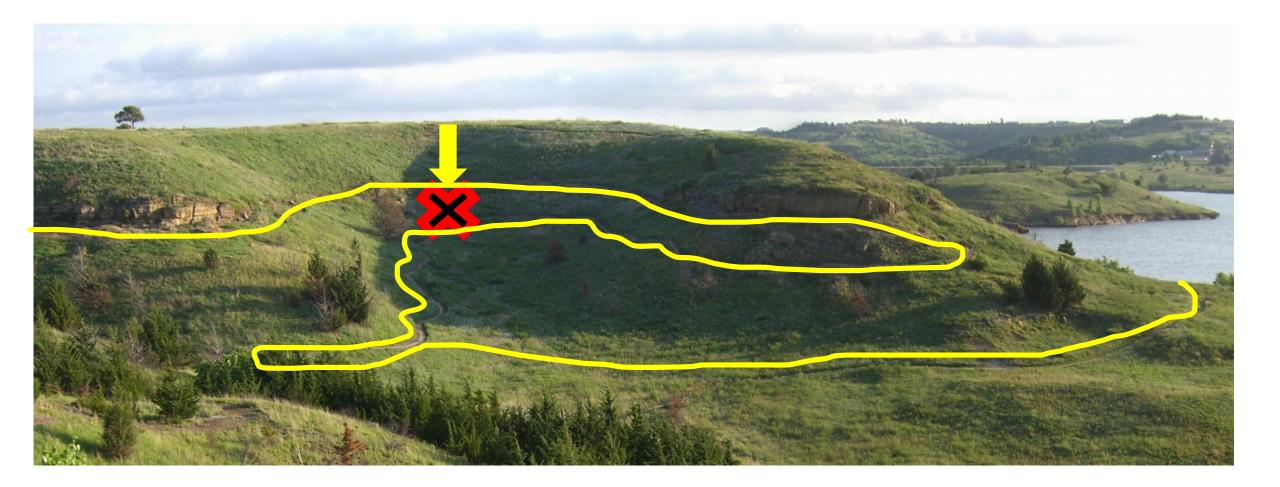


Short Sections may be steeper if overall grade is 10% or less

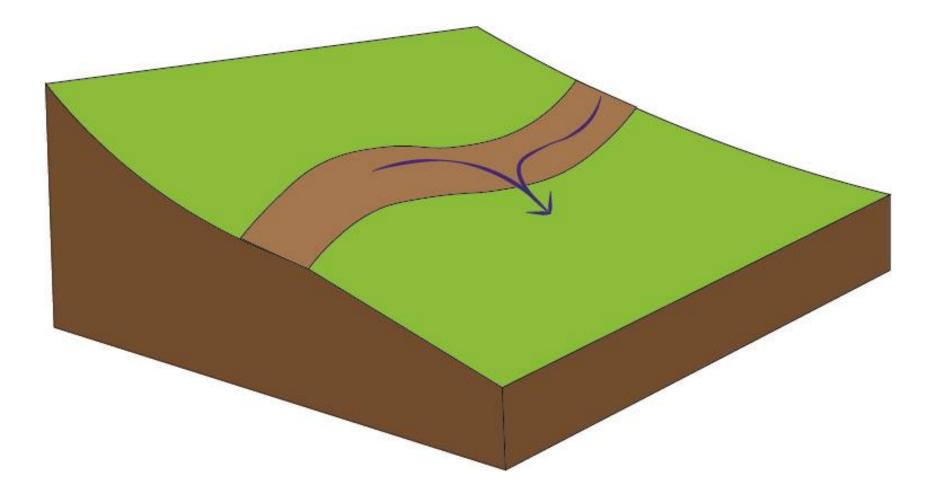
How do we find the grade?



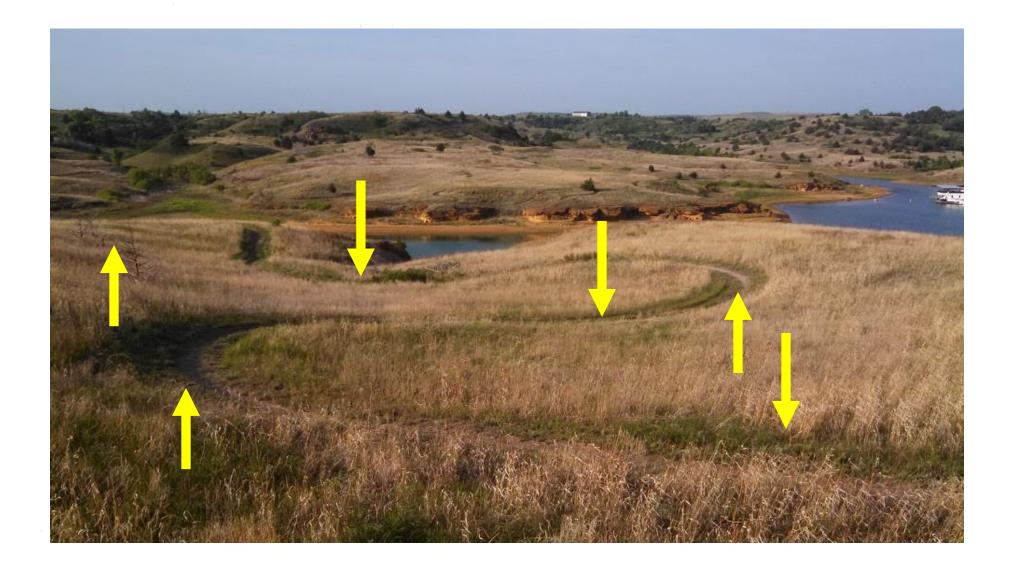
Fall line vs contour



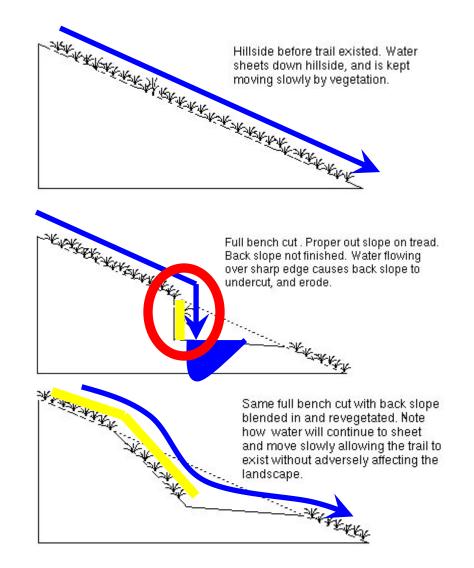
Grade Reversals



Grade Reversals

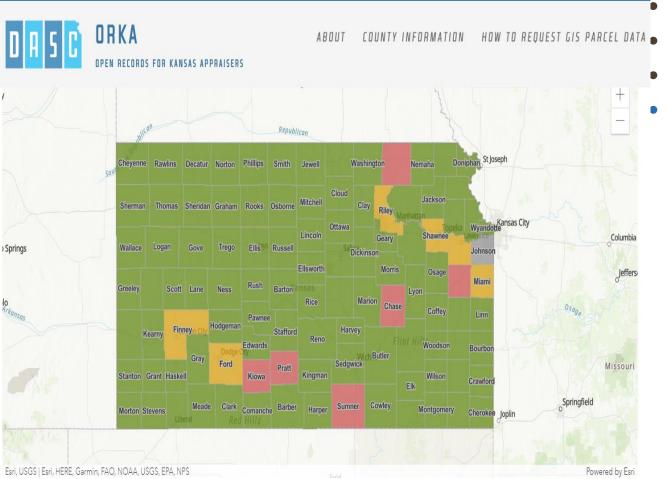


Benchcut





Tech Tools: GIS

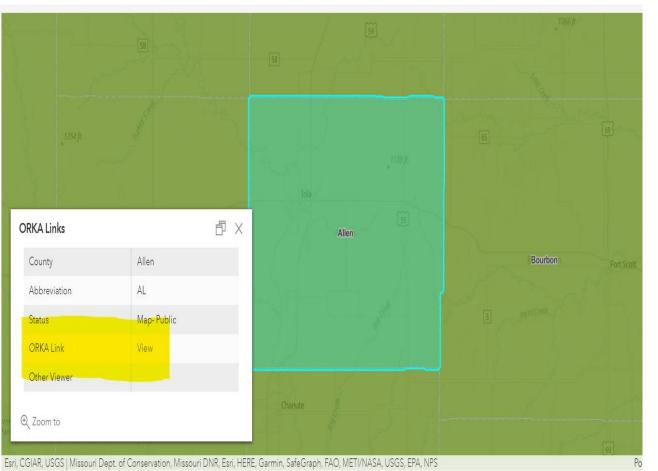


John Leahy

Check property lines Right of Ways

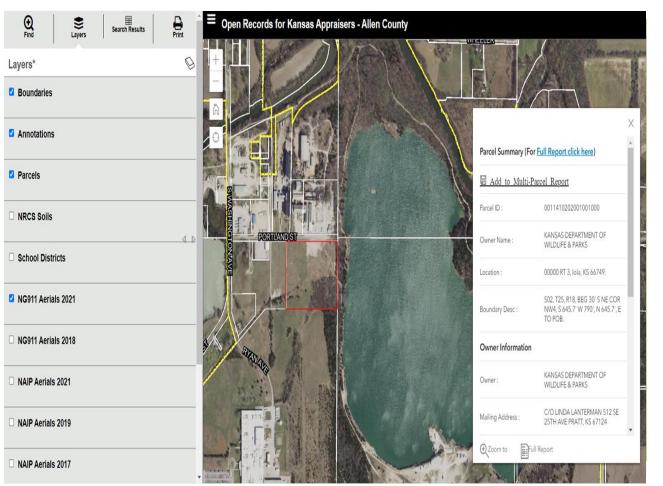
- Public vs. Private property
- ORKA or County Appraiser

Tech Tools: GIS



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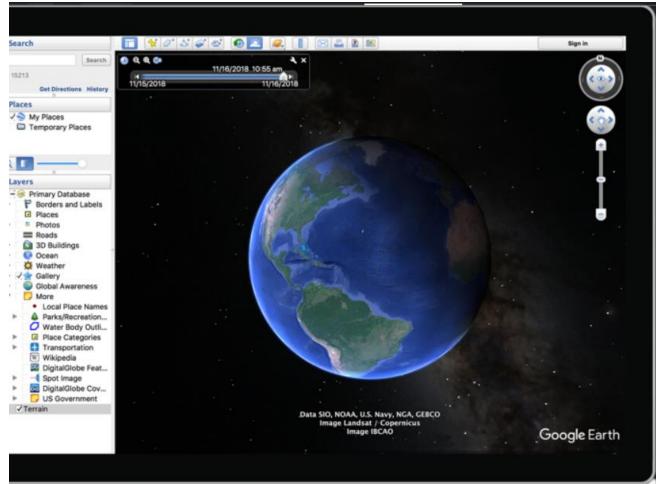
Tech Tools: GIS



- Check property lines
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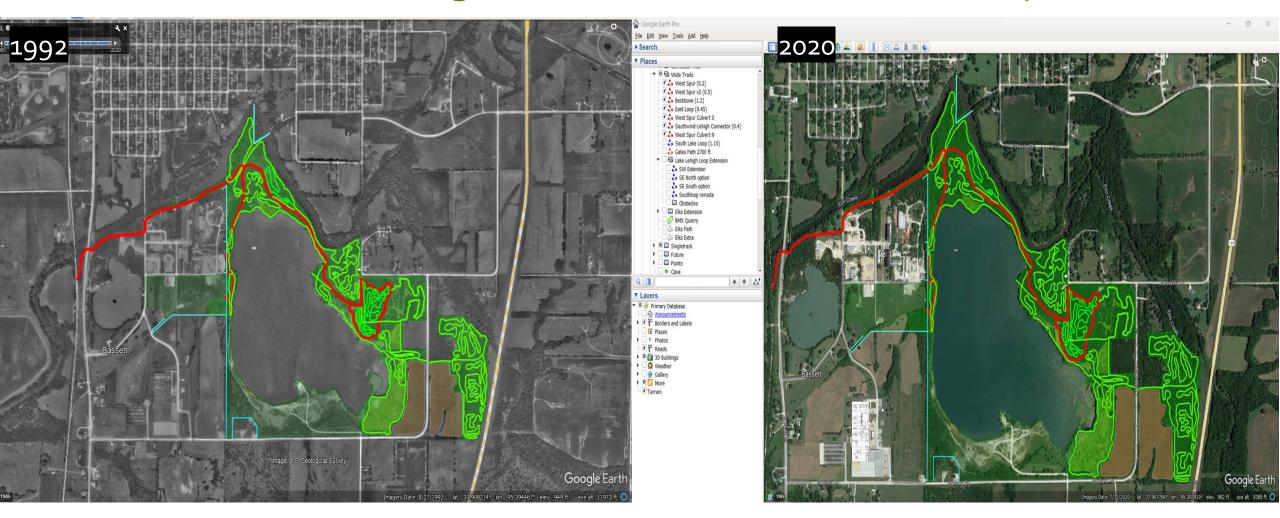
Google Earth

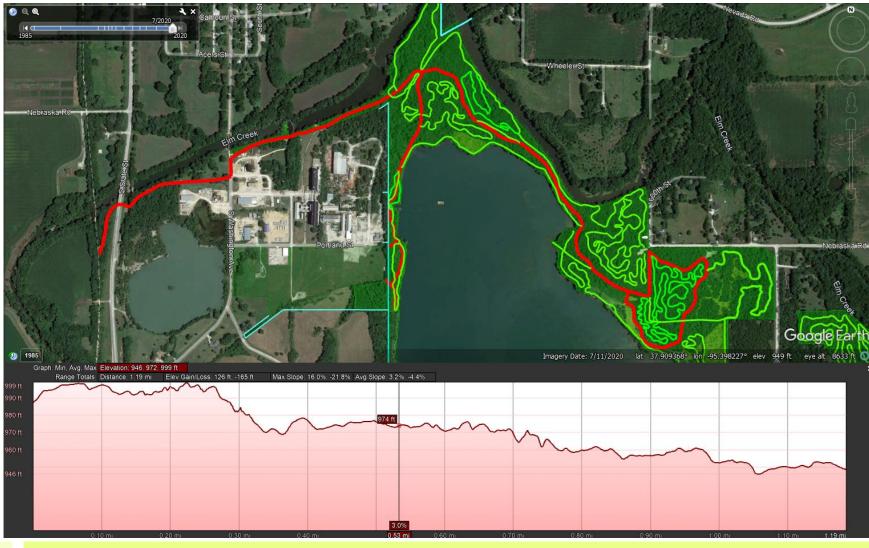
- Free software
- Web, mobile, desktop (Pro)
- Excellent way to communicate with land managers, volunteers, and trail users
- First Time User Guide



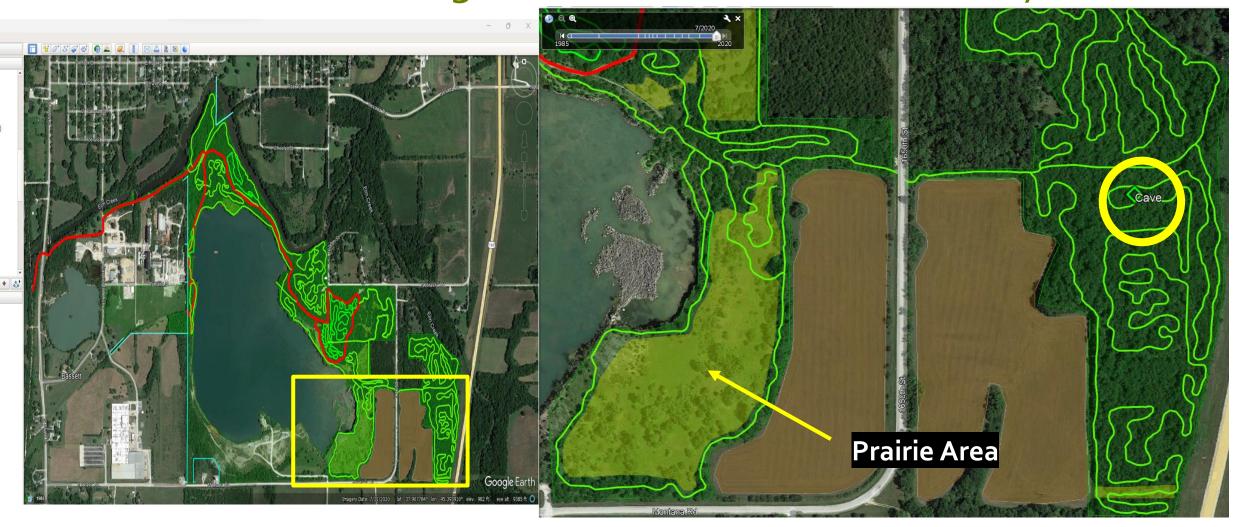
- Desktop download
- Import & export GIS data
- Historical imagery
- Elevation profiles
- Mark positive points of control
- Create maps

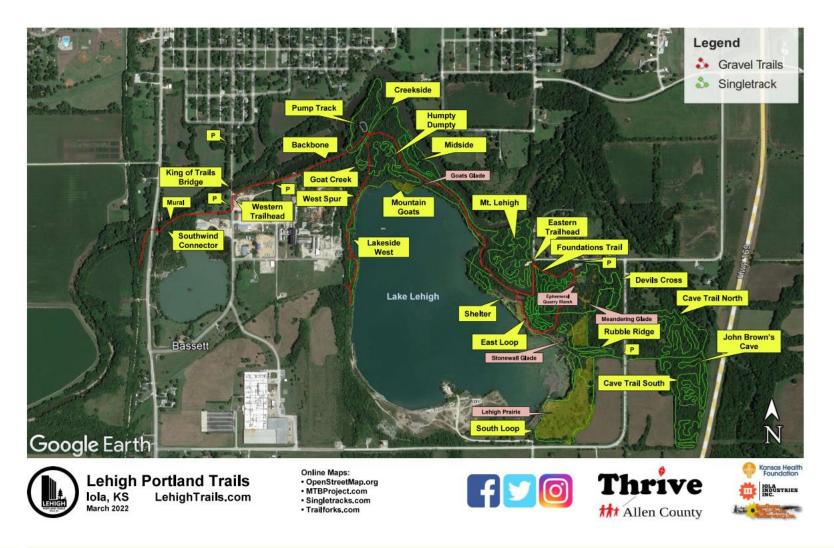






John Leahy





Working with Others



Larry Hatfield





Larry Hatfield

Working with:

- Adjacent Landowners
- Municipalities
- Counties
- Railroads

The hardest job of all
Getting the word out
Organizing their efforts
Not burning them out.

Rally the Volunteers





October 10 November 14 December 12 January 9 February 13 March 12 Where do we start? Let's get started! What will this cost? Where will we find the money? Trail sustainability Rail trail issues

2nd Tuesday, Noon-1 pm CT



