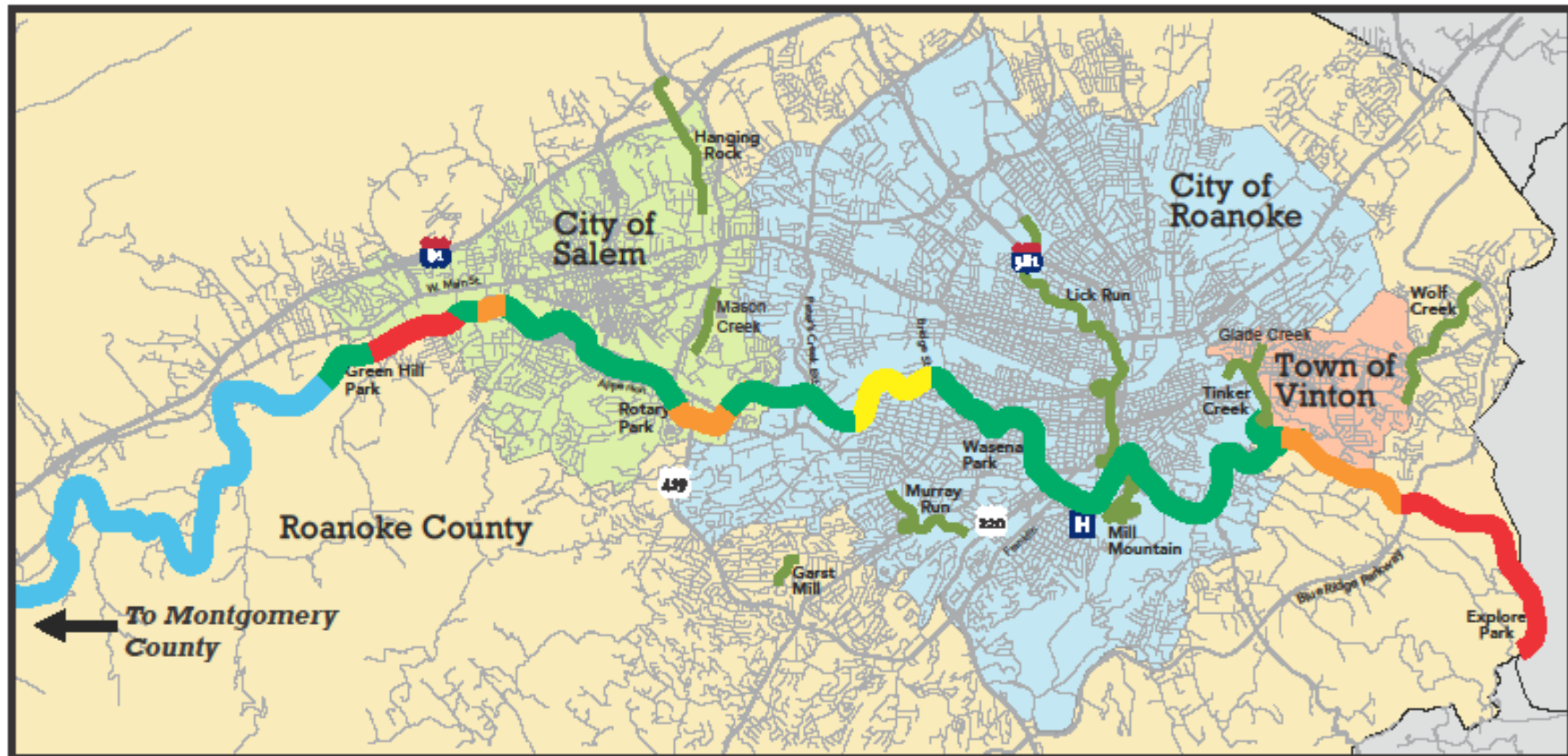




Frank Maguire,
Greenway Coordinator
frank@greenways.org

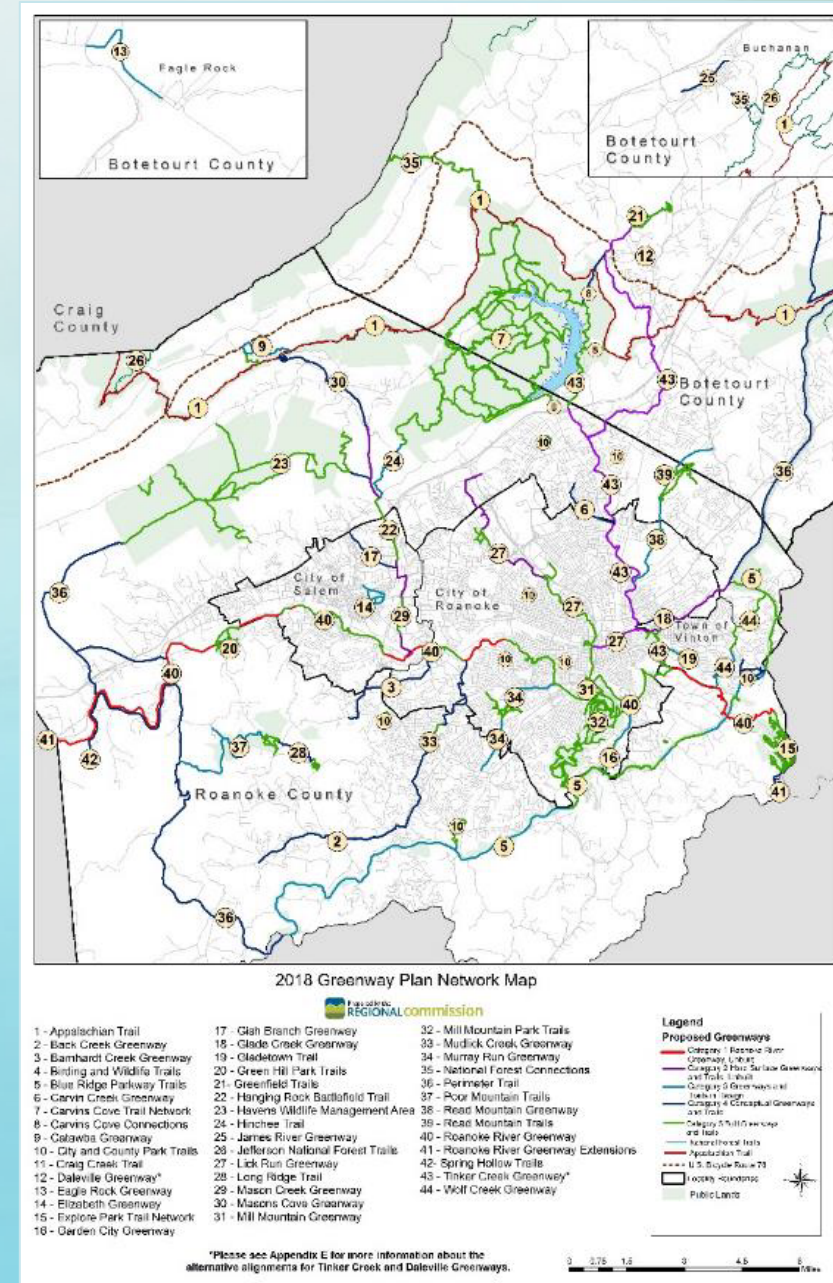
Roanoke River Greenway Status Map 2022 - 2025



Successes of the Greenway Commission

- Have secured significant state transportation funds investments
- Become one of the featured community assets

Miles	1995	2007	2018
Paved, surfaced	1.9	14.4	34.9
Trails	60.5	149.5	380.1
Bike Routes	9.6	24.7	135.3
Total	72.0	188.6	550.2



Today's Challenges

- Dramatically increasing costs
- No “easy” corridors remain
- Truly a railroad town
- Over-reliance on volunteer network
- A need to re-invigorate Commission/advocacy
- Branding the network



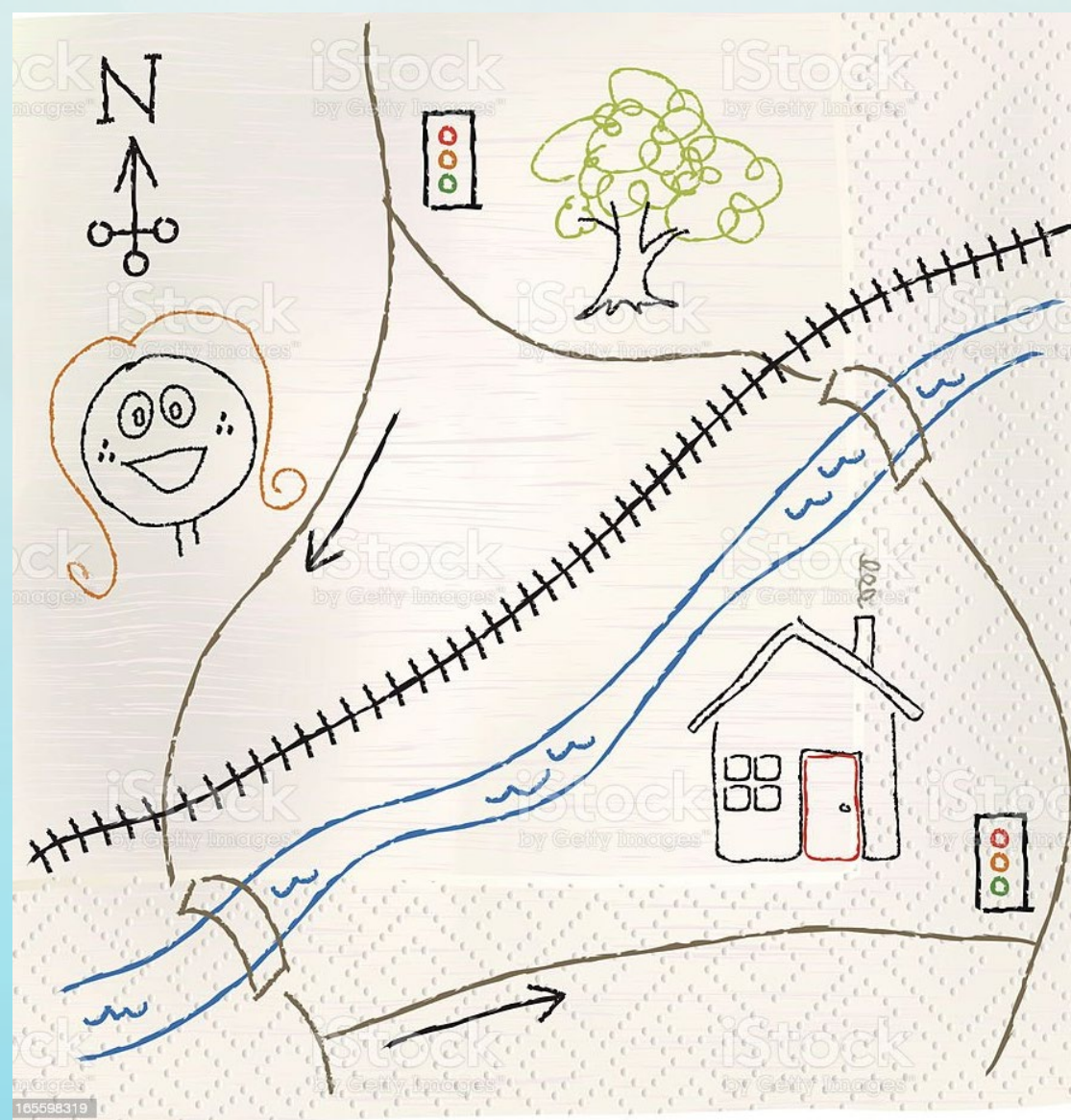
The Ups and Downs of Trail Development



SCREENMVA?

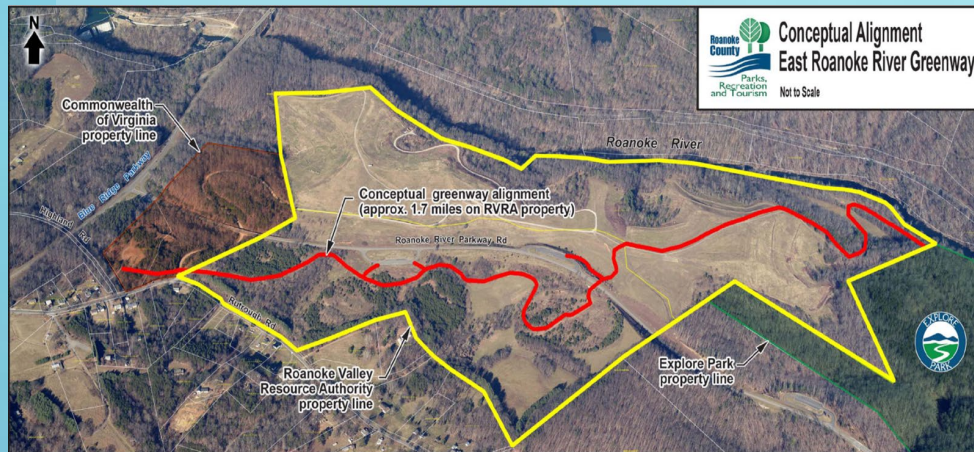
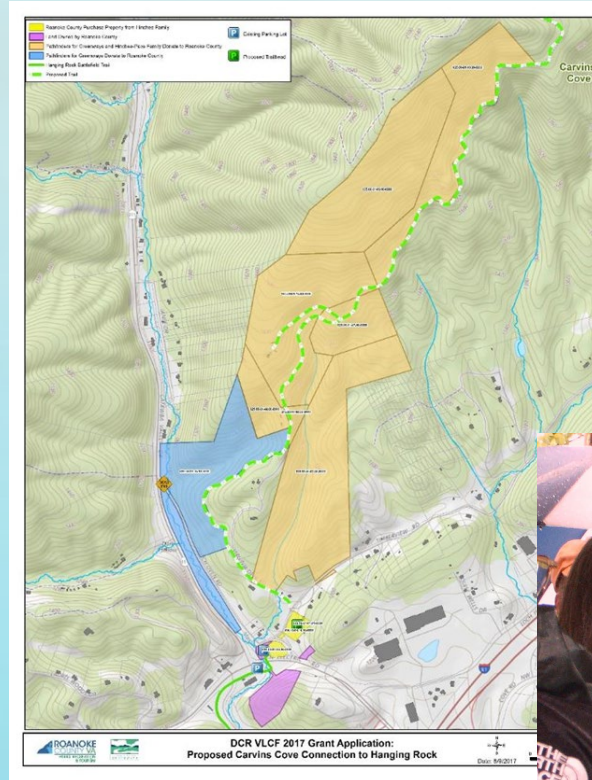
The Idea

- Point A to Point B thinking
- A wise man once said...
- Mapping the partnerships and stakeholders
- Take a deep breath



Conceptual Plan/Feasibility Study

- What are your goals?
- Who else shares them?
- What hurdles need to be addressed?
- Who owns the land?



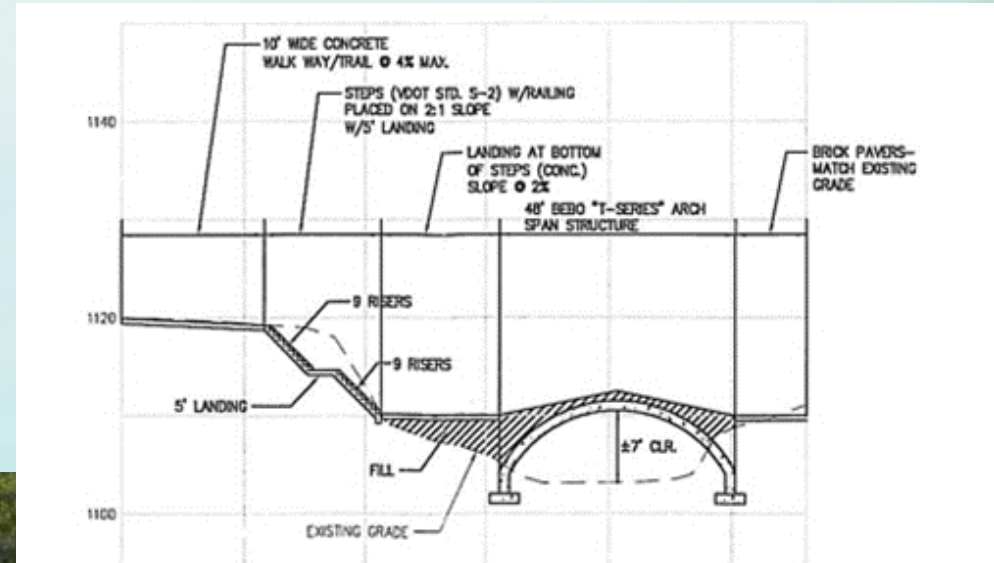
Land Ownership, Acquisition and Title Search

- Land ownership determines how a trail is built, managed and maintained
- If the land needs to be acquired, see above
- Title search is dotting your I's and crossing your T's



Engineering and Permitting

- Lines become plans
- Typical vs site specific
- Level of detail
- Area of disturbance



ROANOKE VALLEY
GREENWAYS

Construction



GREENWAYS

Maintenance

- Construction can and will determine maintenance needs.
- The 10% rule of thumb
- Failing to plan is planning to fail

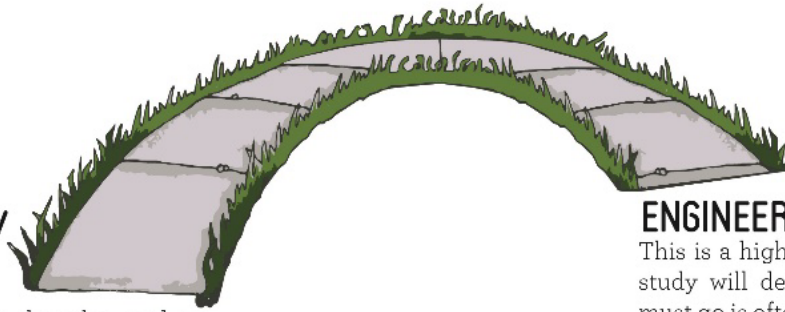


Celebration



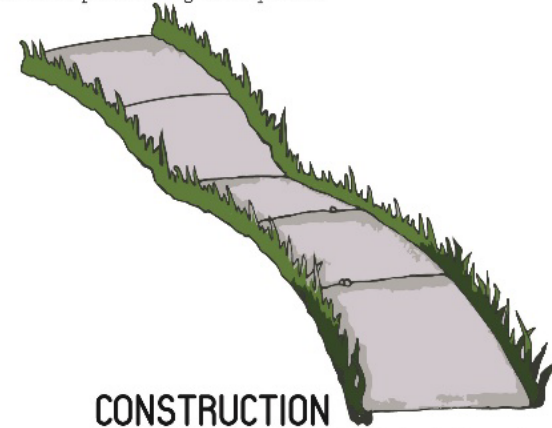
CONCEPTUAL PLAN/ FEASIBILITY STUDY

To effectively communicate the idea and to determine if it is a viable project, an idea needs a feasibility study. This includes implementation roadblocks, initial property details, corridor mapping and conceptual drawings. It is at this stage that you unlock further resources. Good notions do not get funded for construction.



ENGINEERING & PERMITTING

This is a higher level of planning than a feasibility study will deliver. The extent to which this step must go is often determined by the funding sources. The type of construction and ground disturbance will determine what level of permitting is required.



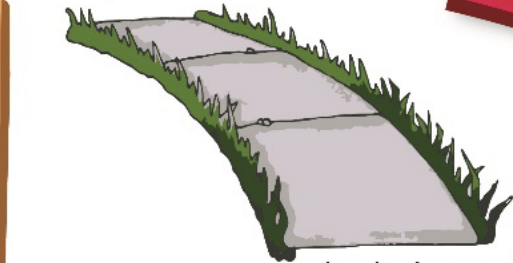
CELEBRATION

It might be strange to think of this as a phase of a project, but it is not to be neglected. Individual projects are part of a larger whole, and so it is critical to recognize the contributions of others and thank them publicly.



ACQUISITION

The land ownership method can determine how a trail is built, managed and maintained. This ground work needs to begin early in the process.



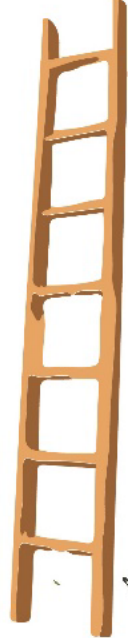
CONSTRUCTION

Determining how a trail will be built and who will build it has a dramatic impact on the funds needed. Sometimes, it's the funding sources themselves that dictate the construction methods.



IDEA

All trails start with a "wouldn't it be great if..." moment. The idea stage is where before you get too far, you have a chance to see who also thinks it's a good idea.



TITLE SEARCH

This step is directly tied to Right of Way control, but should be considered separate from acquisition (ideally, it would have occurred at the time of acquisition, but never assume it did.) If the Trail Corridor was acquired from a railroad, the cost of this work will be significantly higher than expected for regular real estate purchases.



LONG-TERM MAINTENANCE

Projects can only achieve last success if they, indeed, last. Many groups approach maintenance as the easy part of trail development, but in many cases, not properly planning for the long term viability becomes an implementation road block.



Thank You!