



Powhatan County

# TRAIL MASTER PLAN

A comprehensive study provided by McGill Associates

PRESENTED BY MEGAN HEATWOLE



# HOW IT STARTED



01

## 2018 COUNTYWIDE SURVEY

85% of citizens wanted to “Invest in sidewalks, trails, bicycle lanes and other infrastructure to provide greater transportation options and recreational opportunities”

02

## 2020 PARKS & RECREATION NEEDS ASSESSMENT

The Parks & Recreation Advisory Commission (PRAC) implemented a Community Needs Assessment for the department in 2019-2020

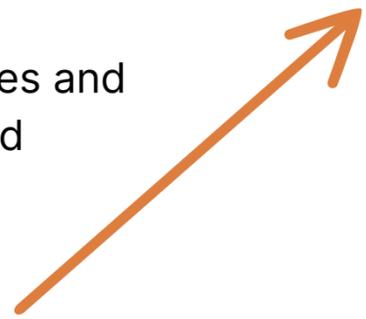
- **Walking and biking trails ranked as # 1 high priority in the statistically valid survey**

03

## TRAIL MASTER PLAN

\$500,000 was budgeted in FY23 CIP for a Trail Master Plan

- Request for Proposals were issued on August 16, 2023
- Three companies applied and were interviewed
- **McGill Associates was selected in October 2023 to prepare a Trail Master Plan for Powhatan County at a cost of \$49,850.**

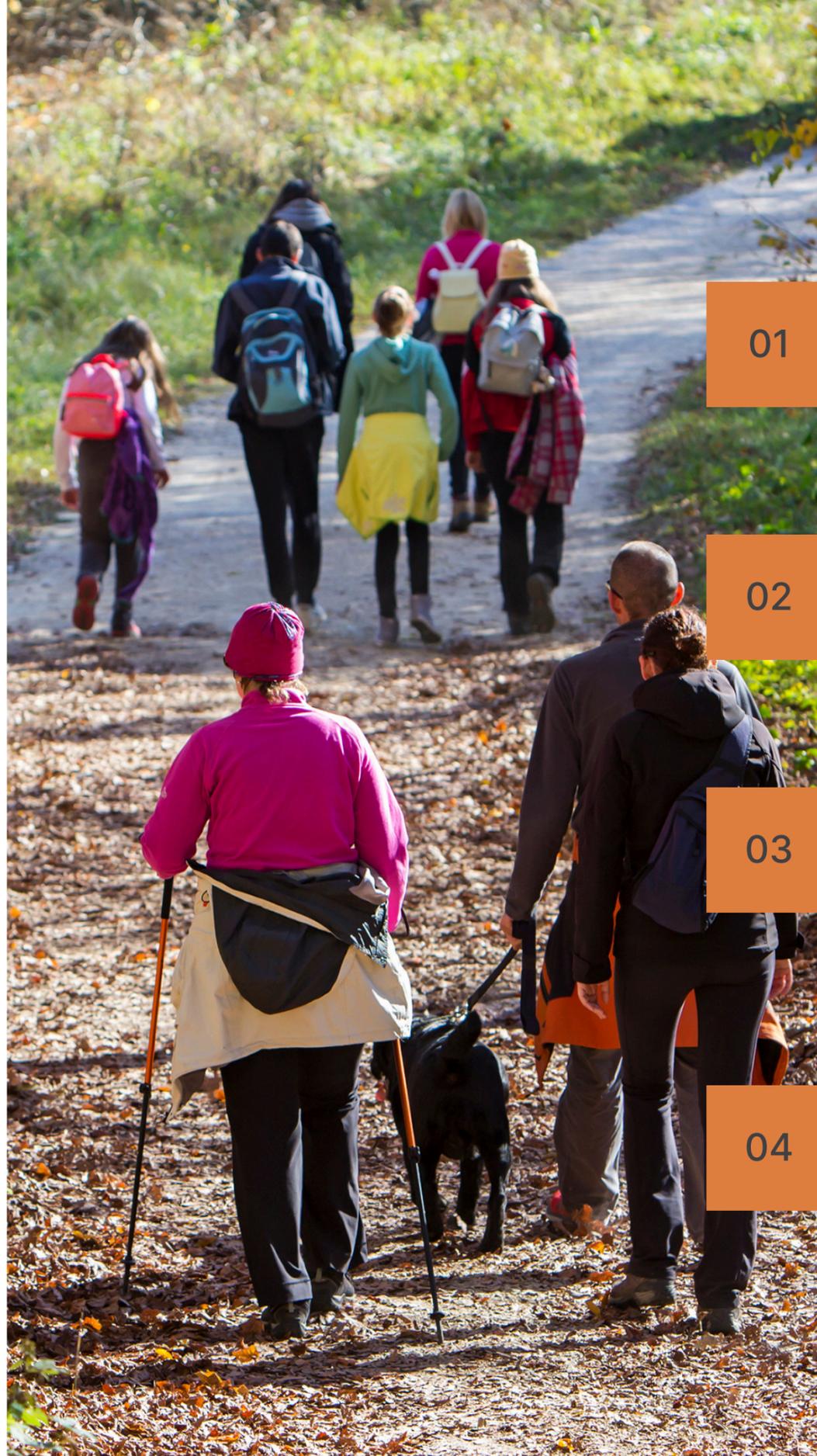


OVERALL	
Facility/Amenity	Priority
Walking and Biking Trails	High
Small Neighborhood Parks	
Open Space Conservation Areas/Trails	
Boating and Fishing Areas	
Shooting Ranges	
Swimming Pools/Water Parks/Splash Pads	
Community Center	
Playground	
Adventure Area	Medium
Community Gardens	
Covered Picnic Areas	
Gymnasium	
Large Community Parks	
Performing Arts Venue	
Outdoor Basketball/Volleyball Courts	
Off-Leash Dog Park	
Equestrian Trails	
Environmental Education Center	
Lacrosse Fields	
Skateboarding Parks	
Meeting Rooms/Training Spaces	Low
Tennis Courts	
Internet Café	
Football Fields	
Baseball Fields	
Disc Golf Course	
Pickleball Courts	
Soccer Fields	



# PRIMARY GOALS

To increase active transportation and connectivity within and outside Powhatan County via trails.



01

## CONNECTIVITY

To provide connectivity for separate areas of the County

02

## PEDESTRIAN FRIENDLY COMMUNITY

Creating a walkable, bikeable community

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## ECONOMIC DEVELOPMENT

Providing potential for future economic development and tourism and adding support facilities

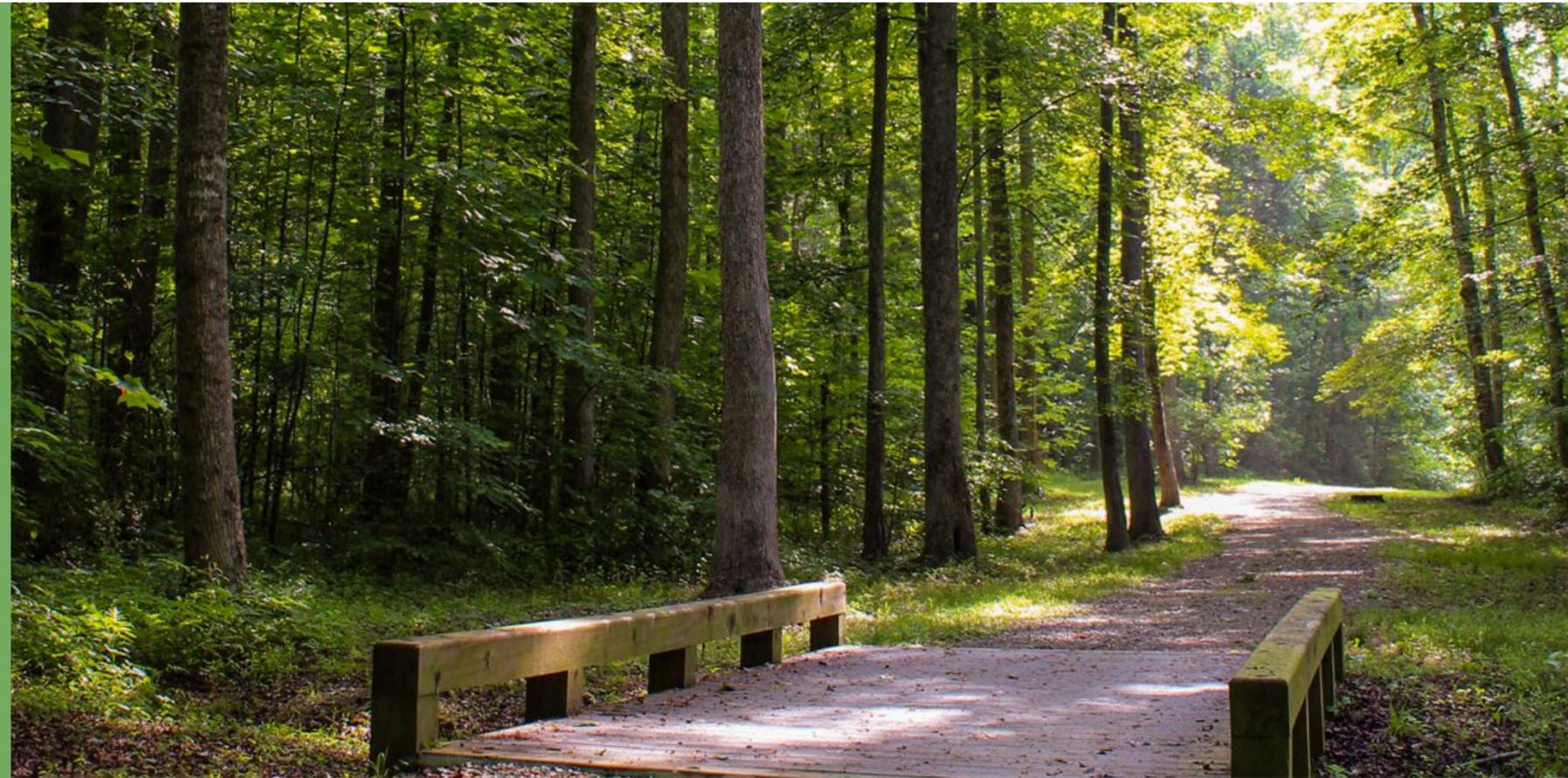
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## DESTINATION LOCATION

Identifying potential destinations to link to and enhance scenic views

# METHODOLOGY

The County recognizes the need to plan for the future by continuing to develop a trail network that provides connectivity for its users.



01

## COMMUNITY ENGAGEMENT

Included a steering committee, focus group meetings, an online survey, pop-up events, and public meetings.

02

## ROUTES & RECOMMENDATIONS

Determined by evaluating current conditions, existing trails, popular destinations, design considerations and guidelines.

03

## FUNDING

Includes an opinion of probable cost for a 10-year anticipated trail development plan and alternative funding options.



# COMMUNITY ENGAGEMENT

01

## STEERING COMMITTEE

1. Economic Development & Tourism
2. Powhatan County Planning Dept.
3. Powhatan County Public Works
4. Powhatan State Park
5. Powhatan Public Schools

02

## FOCUS GROUP MEETINGS

1. Board of Supervisors
2. Parks & Rec Advisory Commission
3. Historical
4. Regional Planning
5. Outdoor Recreation
6. Environmental

03

## PUBLIC MEETINGS

1. February 15, 9am-12:30pm, Parks & Recreation Department
2. February 15, 5pm-7pm, Crazy Rooster Brewing
3. February 16, 6pm-8pm, Parks & Recreation Department

04

## COMMUNITY SURVEY

1. Online Survey
2. Event Survey Boards
3. Individual Interviews

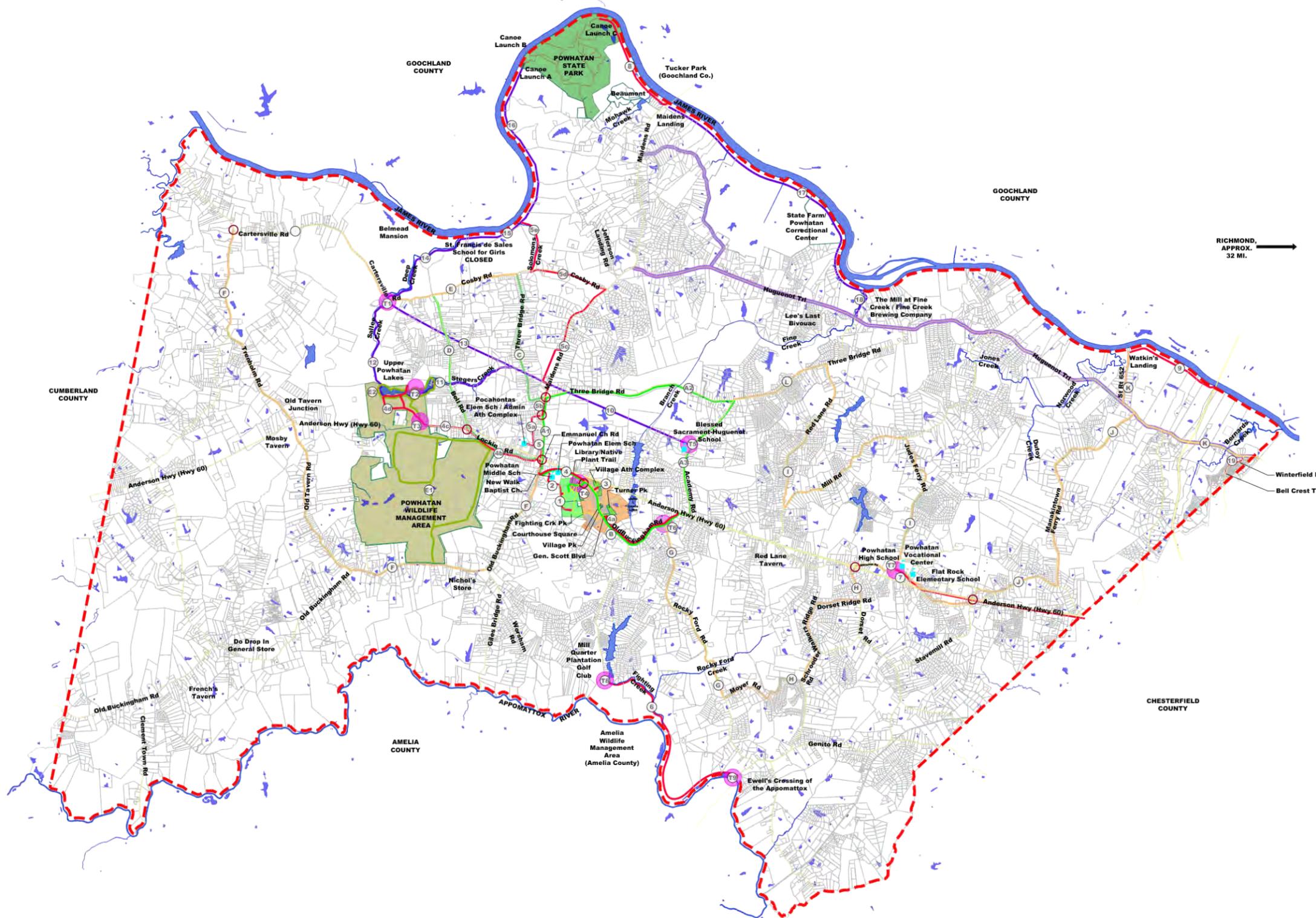
# SURVEY KEY TAKEAWAYS



1. **Safety First!**
2. **Desire For More Trails with Looping Routes**
3. **Gravel Screenings Preferred**
4. **Connectivity/Accessibility**
5. **Improved Community Marketing for Recreation**
6. **Concern For Road Cycling**
7. **Trail Signage** (Nature, Education, Historic, Wayfinding)
8. **Prefer Non-paved Trails in Outlying Areas**
9. **Multi-Use Trails** (Pedestrian, Bicycle, Equine)

# LEGEND

- - - County Boundary
- Powhatan Village District
- ~ Water Body/Creek
- Existing School
- Existing Powhatan County Park
- Existing State Park Land
- Existing Wildlife Management Area
- ✱ Existing Historical or Cultural Sites
- Existing Boat Landing
- ~ Existing Vehicular Scenic Byway
- ~ Existing County-Owned Trail
- ~ Existing Powhatan St. Pk. Trail
- ~ Proposed Shared Bike Route
- ~ Proposed Bike Lane
- ~ Proposed Greenway
- ~ Proposed Natural Surfaced Path
- ~ Proposed Equestrian Only Trail
- Proposed Trailhead
- Proposed Pedestrian Crossing



RICHMOND, APPROX. 32 MI. →

# Routes & Recommendations

## PROPOSED TRAIL SYSTEM

POWHATAN COUNTY, VIRGINIA

JANUARY 2024



Powhatan County



# PRIORITIZATION

A multi-criteria evaluation method, with a scoring system was developed to evaluate recommended projects in the plan.

This method aimed to order the projects so Powhatan County could determine where to place resources and pursue partnerships with VDOT.

Powhatan County, Virginia Trails Master Plan 2024 Corridor Priority Calculator															
Point Range	Existing Corridor Ped./Bike Facility Condition	Accessible Facilities*	Bicycle/ Pedestrian Signage *	Traffic Volume	Traffic Speed	Pedestrian Crashes	Safety Score	Weighted Variable	Schools # (4)	Medical Facilities	Recreation/ Leisure	Retail Center	Village Center	Connectivity Score	Total Score
<b>Proposed Projects</b>															
<b>High Priority</b>															
Greenway/Multi-Use Paved Trail (10' Asphalt) 7	3	2	1	4	4	4	18.0	8	1	2	2	1	14	32.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 4	2	2	1	1	3	4	13.0	8	2	3	3	2	18	31.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 4a	2	2	1	1	3	4	13.0	8	2	3	3	2	18	31.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 3	3	2	1	1	1	4	12.0	8	2	3	3	2	18	30.0	
Bike Lane B	2	2	1	1	3	4	13.0	8	1	3	3	2	17	30.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 4b	3	2	1	1	1	3	11.0	12	1	2	2	1	18	29.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 5	3	2	1	2	2	4	12.0	12	1	1	1	1	16	28.0	
Bike Route I	3	2	1	1	4	4	15.0	8	1	2	1	1	13	28.0	
Bike Route J	3	2	1	1	4	4	15.0	8	1	2	1	1	13	28.0	
<b>Medium Priority</b>															
Greenway/Multi-Use Paved Trail (10' Asphalt) 1	1	1	1	1	1	1	6.0	8	2	3	3	2	18	24.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 2	1	1	1	1	1	1	6.0	8	2	3	3	2	18	24.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 4c	3	2	1	2	4	4	16.0	0	1	2	1	1	5	21.0	
Natural Surface Trail 10	3	2	1	1	1	1	9.0	8	1	1	1	1	12	21.0	
Bike Route E	3	2	1	1	4	4	15.0	0	1	3	1	1	6	21.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 5b	3	2	1	2	4	4	16.0	0	1	1	1	1	4	20.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 5c	3	2	1	2	4	4	16.0	0	1	1	1	1	4	20.0	
Bike Lane A	3	2	1	2	4	4	16.0	0	1	1	1	1	4	20.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 19	3	2	1	4	4	2	16.0	0	1	1	1	1	4	20.0	
Bike Lane C	3	2	1	1	4	4	15.0	0	1	1	1	1	4	19.0	
Bike Lane D	3	2	1	1	4	4	15.0	0	1	1	1	1	4	19.0	
Bike Route F	3	2	1	1	4	4	15.0	0	1	1	1	1	4	19.0	
Bike Route G	3	2	1	1	4	4	15.0	0	1	1	1	1	4	19.0	
Bike Route H	3	2	1	1	4	4	15.0	0	1	1	1	1	4	19.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 5d	3	2	1	1	4	3	14.0	0	1	1	1	1	4	18.0	
Greenway/Multi-Use Paved Trail (10' Asphalt) 5a	3	2	1	1	1	1	9.0	4	1	1	1	1	8	17.0	
Natural Surface Trail 18	3	2	1	1	1	1	9.0	0	1	2	4	1	8	17.0	
<b>Low Priority</b>															
Greenway/Multi-Use Paved Trail (10' Asphalt) 6	3	2	1	1	1	1	9.0	0	1	3	1	1	6	15.0	

01

## SAFETY

- Existing Condition
- Accessibility
- Trail Signage
- Traffic Volume/Speed
- Pedestrian Crashes

02

## WEIGHTED VARIABLE

- Subjective to policy makers and County staff
- Can allow for slight movements up or down

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## CONNECTIVITY

- Schools
- Medical Facilities
- Recreation/Leisure
- Retail Destinations
- Proximity to Village



# FUNDING



## STATE & FEDERAL TRANSIT GRANTS

- Land & Water Conservation Fund
- Virginia Recreational Trails Program
- Trail Access Grants Program
- Virginia Land Conservation Foundation
- Battlefield Land Acquisition Grants
- The Trust for Public Land
- 402 Highway Safety Program
- Surface Transportation Block Grants
- Virginia Aid Transit Grants
- Map-21
- Congestion Mitigation/Air Quality Program
- Federal Transit Administration Metropolitan Planning Assistance
- Safe Streets & Roads for All

## FUNDRAISING & VOLUNTEERING

- Adopt-A-Trail Program

## POWHATAN COUNTY

- Annual Budget Line for Trail Development & Maintenance

# IN-FLIGHT TRAIL PROJECTS



01

## EDUCATION CONNECTION TRAIL

A trail to connect the YMCA and schools within Fighting Creek Park.

\$150,173 funded by HUD

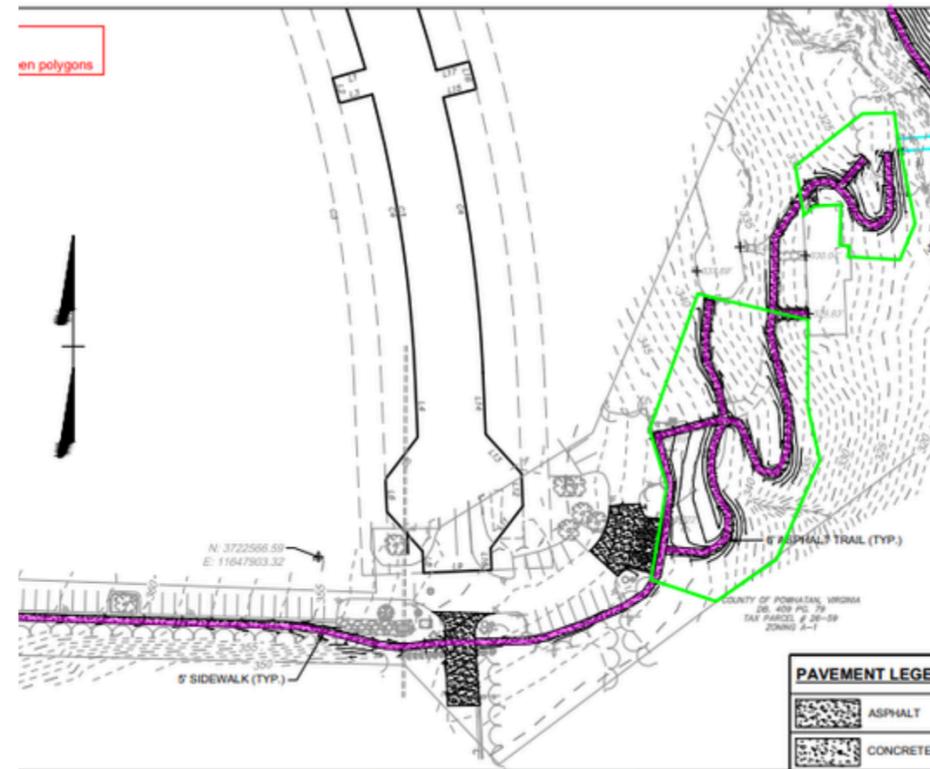


02

## ADA TRAIL

A paved, accessible trail to connect the athletic fields, playground, and library in Fighting Creek Park.

\$750,000 funded by HUD





# POWHATAN PARKS & REC

## READY TO START YOUR ADVENTURE?



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