

**Appendix A Intergovernmental Agreement Establishing the
Roanoke Valley Greenway Commission**

AMENDED AND RESTATED
INTERGOVERNMENTAL AGREEMENT
ESTABLISHING THE
ROANOKE VALLEY GREENWAY COMMISSION

AMENDED AND RESTATED
INTERGOVERNMENTAL AGREEMENT ESTABLISHING
THE ROANOKE VALLEY GREENWAY COMMISSION
July 1, 2016

This Amended and Restated Intergovernmental Agreement Establishing the Roanoke Valley Greenway Commission is made as of this 1st day of July, 2016, by and among the City of Roanoke, Virginia, the City of Salem, Virginia, the Town of Vinton, Virginia, the County of Roanoke, Virginia, and the County of Botetourt, Virginia.

PREAMBLE

A. The City of Roanoke, the City of Salem, the Town of Vinton, and the County of Roanoke (“Original Participating Localities”) entered into an Intergovernmental Agreement Establishing the Roanoke Valley Greenway Commission in 1997 (“Intergovernmental Agreement”) and revised the Intergovernmental Agreement in 2008.

B. The Original Participating Localities desire to amend and restate the revised Intergovernmental Agreement to allow the County of Botetourt to join the Roanoke Valley Greenway Commission as a participating locality.

C. The Original Participating Localities and the County of Botetourt have submitted this Amended and Restated Intergovernmental Agreement Establishing the Roanoke Valley Greenway Commission (“Agreement”) to their governing boards for approval, and each locality has approved the Agreement in accordance with Section 15.2-1300, Code of Virginia (1950), as amended.

D. The Original Participating Localities and the County of Botetourt (collectively, the “Participating Localities”) agree that this Agreement shall amend, restate and replace the revised Intergovernmental Agreement.

1. PURPOSE

The purpose of the Roanoke Valley Greenway Commission (“Commission”) is to promote and facilitate coordinated direction and guidance in the planning, development, and maintenance of a system of greenways throughout the Roanoke Valley.

2. BENEFITS OF A GREENWAY SYSTEM

This greenway system, in which each greenway is owned and operated by the Participating Locality in which it is located, is intended to enhance the quality of life for Valley citizens and visitors and to:

- (a) Provide safe and efficient alternative transportation linkages among recreational sites, open spaces, residential areas, employment centers, educational and cultural facilities, and other activity centers;
- (b) Encourage citizen wellness and maintain environments which promote opportunities for recreation activities;
- (c) Protect environmental assets and retain beneficial ecological habitats;
- (d) Maintain a contiguous urban forest ecosystem to reduce community wide environmental problems such as excessive storm water runoff, air quality degradation, water pollution, and urban climate change;
- (e) Promote an appreciation for the Valley's natural, historical and cultural resources and its neighborhoods;
- (f) Protect and link significant remnants of the community's undeveloped open spaces, woodlands, and wetlands; and
- (g) Enhance the Valley's appearance to encourage tourism, promote economic development, and improve the living environment for residents.

3. EFFECTIVE DATE, ESTABLISHMENT OF COMMISSION, AND PARTIES TO THE AGREEMENT

This Agreement, and any amendments thereto, shall be effective, and the Commission shall be established, pursuant to §15.2-1300, Code of Virginia (1950), as amended, upon its execution pursuant to the authority of ordinances adopted by the governing bodies of each of the City of Roanoke, the City of Salem, the County of Roanoke, the Town of Vinton, and the County of Botetourt, each herein being referred to as a "Participating Locality". Additional participating localities may be added as parties to this Agreement upon unanimous approval of an amendment to this Agreement by the existing Participating Localities and upon adoption of an ordinance by the governing body of the locality requesting to be added.

4. RESPONSIBILITIES AND DUTIES

The Commission shall have the following responsibilities and duties:

- (a) To study the needs of the Roanoke Valley and the desires of the Valley residents as expressed in the *Roanoke Valley Conceptual Greenway Plan*, dated December 1995, the *2007 Update to the Roanoke Valley Conceptual Greenway Plan*, and other Roanoke Valley Greenway Plan updates, as amended; to review these plans every five years and revise as necessary; and to encourage inclusion of a coordinated system of greenways into each Participating Locality's planning efforts;
- (b) To advise and inform the governing bodies and the citizens of the Valley of existing, planned, and potential opportunities for establishing greenways within the Valley;
- (c) To make recommendations to the governing bodies relative to desirable federal, state, and local legislation concerning greenway programs and related activities;
- (d) To investigate, recommend, and help solicit funding, grants, and/or donations of land, property or services from the Commonwealth of Virginia, the United States of America, their agencies, private citizens, corporations, institutions and others to promote, construct or maintain greenways within the Roanoke Valley;
- (e) To study and recommend uniform standards for the design and construction of greenways, including sign standards, to be employed Valley-wide;
- (f) To actively pursue and promote public/private partnerships, work closely with nonprofit organizations, and facilitate cooperation among Valley governments in developing, constructing, and maintaining a system of greenways throughout the Valley;
- (g) To coordinate the efforts of the federal, state and local jurisdictions in the Valley to create a Valley-wide system of greenways and trails that satisfy the needs of all the residents of the Valley, including those with special needs;
- (h) To assist the Participating Localities with developing project plans and timetables for greenways and with defining roles and responsibilities for each project; and
- (i) To coordinate with Pathfinders for Greenways, Inc. in its use of volunteers to assist Participating Localities with construction

and maintenance of greenways and in its solicitation of private sector funding for greenway development.

5. MEMBERSHIP

- (a) The Roanoke Valley Greenway Commission shall be composed of members, appointed as follows:
 - (1) Up to three (3) members from each of the Participating Localities to be appointed by the governing bodies, each for a term of three (3) years, with appointments to be staggered. Each member shall be a resident of the locality which he or she represents;
 - (2) One (1) member appointed by the Roanoke Valley Transportation Planning Organization for a term of three (3) years;
 - (3) Up to two (2) staff members from each of the Participating Localities, appointed by the chief administrative officer; and
 - (4) One member appointed by Pathfinders for Greenways, Inc., the nonprofit group established to support greenways in the Roanoke Valley.

- (b) In addition to the above members, one representative from each of the following organizations shall serve as a non-voting member of the Greenway Commission:
 - (1) The Western Virginia Water Authority;
 - (2) The Roanoke Valley Alleghany Regional Commission; and.
 - (3) Such interested organizations as the Commission may approve.

- (c) A vacancy for the remainder of any term of any member shall be filled by the governing body or person making the original appointment.

- (d) The members of the Commission shall serve without compensation.

6. MEETINGS

- (a) The Commission shall hold regular meetings at least once per quarter each calendar year. All meetings and hearings of the Commission shall be open to the public, except closed meetings may be held pursuant to the provisions of the Virginia Freedom of Information Act. Reasonable notice of the time and place of all regular and special meetings shall be given to the public. Meetings shall be called by the chair or upon request of a majority of the members.
- (b) The Commission shall adopt bylaws necessary to conduct the affairs of the Commission.

7. OPERATING REVENUE

- (a) The Commission shall not operate as a fiscal agent.
- (b) Funding for the Commission shall be administered through an agreed-upon fiscal agent.
- (c) The Commission shall adopt an annual budget.
- (d) Operating revenue for the Commission shall be funded by the Participating Localities on an equal per capita basis as determined by the most recent population estimates of the Weldon Cooper Center for Public Service of the University of Virginia.
- (e) Annual funding requests from the Commission shall be made by February 1 of each year to the governing bodies of the Participating Localities.
- (f) The Commission shall be authorized to apply for and receive, through its fiscal agent, grants and donations for use in support of the greenway program.

8. ADMINISTRATION

- (a) An annual report shall be prepared and submitted to the governing body of each Participating Locality each calendar year.
- (b) The Commission may establish any committees necessary to fulfill the responsibilities and duties of the Commission.

9. DURATION

- (a) This Agreement shall remain in force until terminated or modified by action of the governing bodies of all Participating Localities.
- (b) A Participating Locality may withdraw from this Agreement by adoption of an appropriate ordinance.

10. AMENDMENTS

This Agreement may be amended only by approval by the governing bodies of each Participating Locality.

11. LIABILITY

To the extent permitted by law, the Participating Localities agree to indemnify, keep and hold the members of the Commission and its staff free and harmless from any liability on account of any injury or damage of any type to any person or property growing out of performance of the duties and responsibilities imposed by this Agreement. In the event of any suit or proceeding brought against members of the Commission or its staff, the Participating Localities shall pay reasonable costs of defense. Any costs of the Participating Localities under this section shall be shared on a per capita basis as determined by the most recent population estimates of the Weldon Cooper Center for Public Service of the University of Virginia.

SIGNATURES APPEAR ON FOLLOWING PAGES

WITNESS our hands and seals as of the date set forth at the beginning of this Agreement.

ATTEST:

Stephanie M. Moon Reynolds
City Clerk

CITY OF ROANOKE

By Christopher P. Morrill
Christopher P. Morrill, City Manager

Approved as to form:

David Hallahan 06.22.2016
City Attorney

Ordinance Number 40508-051616

ATTEST:

Shirley G. Peels
County Clerk

COUNTY OF ROANOKE

By Thomas C. Gates
Thomas C. Gates, County Administrator

Approved as to form:

Oruth Ellen Kriebel
County Attorney

Ordinance Number 052416-1

ATTEST:

Stephen M. Yost
City Clerk

CITY OF SALEM

By Byron R. Foley
Byron Randolph Foley, Mayor

Approved as to form:

Stephen M. Yost
City Attorney

Ordinance of May 9, 2016

ATTEST

Susan N. Johnson
Town Clerk

TOWN OF VINTON

By Barry W. Thompson
Barry W. Thompson, Town Manager

Approved as to form:

Shirley G. Bostana
Town Attorney

Ordinance Number 971

ATTEST:

Susan Fain
County Clerk

COUNTY OF BOTETOURT

By Gary Larowe
Gary Larowe, County Administrator

Approved as to form:

Michael W. Decker
County Attorney

Ordinance Number 16-06-10

Appendix B 2017 On-line Survey Questions and Responses

Greenway Plan Update Public Input Survey

Monday, April 24, 2017

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542

Total Responses

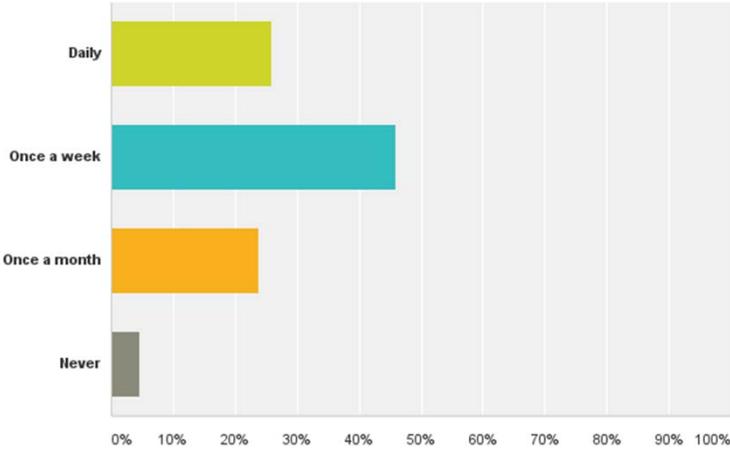
Date Created: Wednesday, February 22, 2017

Complete Responses: 474

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Q1: How often do you use the Valley's greenways?

Answered: 534 Skipped: 8



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Q1: How often do you use the Valley's greenways?

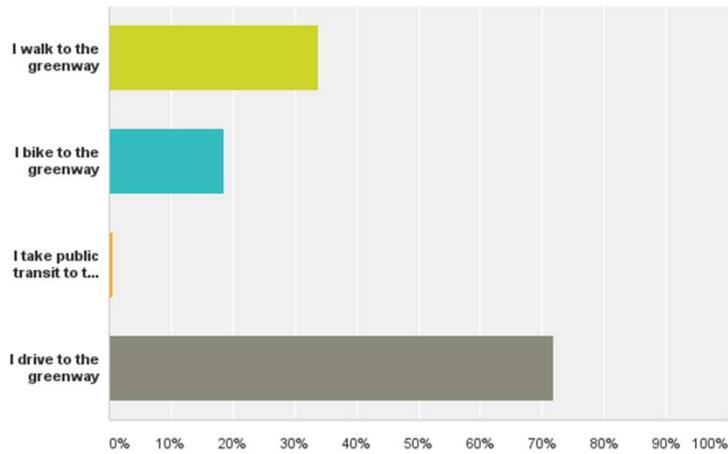
Answered: 534 Skipped: 8

Answer Choices	Responses	
Daily	25.84%	138
Once a week	45.88%	245
Once a month	23.78%	127
Never	4.49%	24
Total		534

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Q2: How do you access the greenways?

Answered: 529 Skipped: 13



Powered by SurveyMonkey

Q2: How do you access the greenways?

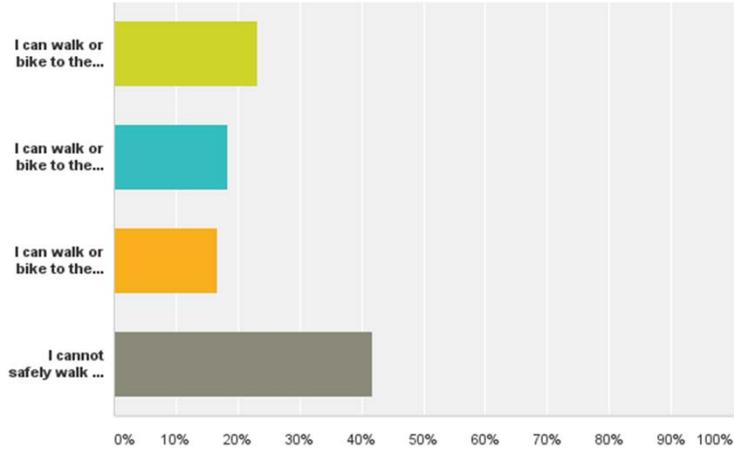
Answered: 529 Skipped: 13

Answer Choices	Responses
I walk to the greenway	33.84% 179
I bike to the greenway	18.53% 98
I take public transit to the greenway	0.57% 3
I drive to the greenway	71.83% 380
Total Respondents: 529	

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Q3: How far is your home from the nearest greenway?

Answered: 533 Skipped: 9



Powered by  SurveyMonkey

Q3: How far is your home from the nearest greenway?

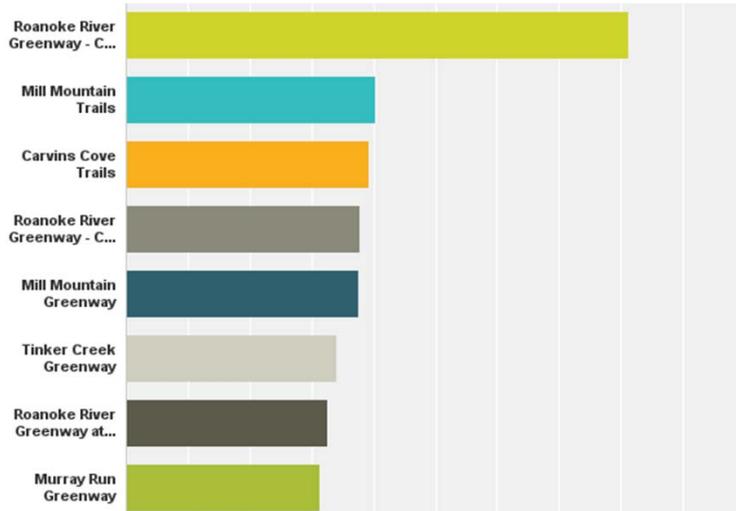
Answered: 533 Skipped: 9

Answer Choices	Responses
I can walk or bike to the greenway in five minutes or less	23.08% 123
I can walk or bike to the greenway in between 5 to 10 minutes	18.39% 98
I can walk or bike to the greenway in between 10 to 20 minutes	16.70% 89
I cannot safely walk or bike to a greenway from my house	41.84% 223
Total	533

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Q4: Which greenways do you use? Select all that apply.

Answered: 527 Skipped: 15



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Q4: Which greenways do you use? Select all that apply.

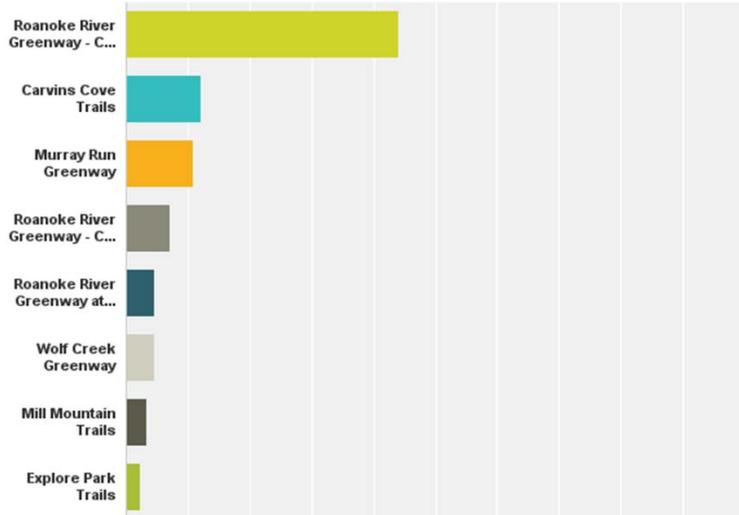
Answered: 527 Skipped: 15

Answer Choices	Responses
Roanoke River Greenway - City of Roanoke	81.21% 428
Mill Mountain Trails	40.23% 212
Carvins Cove Trails	39.28% 207
Roanoke River Greenway - City of Salem	37.76% 199
Mill Mountain Greenway	37.57% 198
Tinker Creek Greenway	33.97% 179
Roanoke River Greenway at Green Hill Park	32.64% 172
Murray Run Greenway	31.31% 165
Explore Park Trails	26.19% 138
Lick Run Greenway	25.24% 133
Hanging Rock Battlefield Trail	22.20% 117
Tinker Creek Greenway - Hollins Trailhead	17.08% 90

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Q5: Which greenway is your favorite? Select only one.

Answered: 516 Skipped: 26



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Q5: Which greenway is your favorite? Select only one.

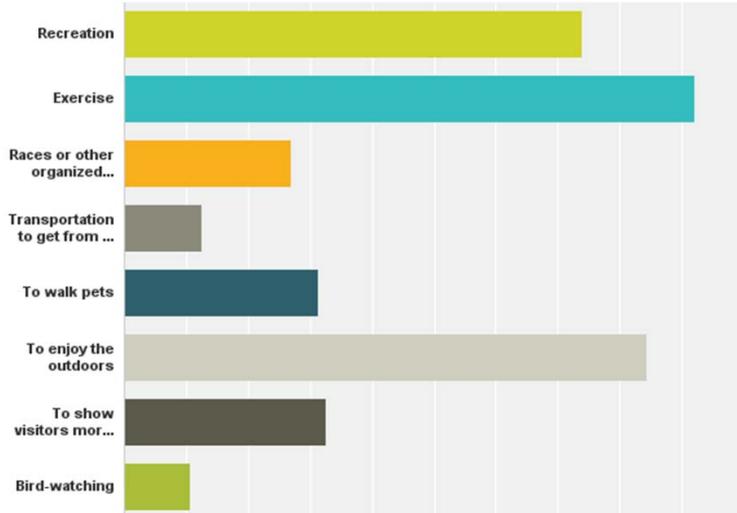
Answered: 516 Skipped: 26

Answer Choices	Responses
Roanoke River Greenway - City of Roanoke	43.99% 227
Carvins Cove Trails	12.21% 63
Murray Run Greenway	10.85% 56
Roanoke River Greenway - City of Salem	7.17% 37
Roanoke River Greenway at Green Hill Park	4.65% 24
Wolf Creek Greenway	4.65% 24
Mill Mountain Trails	3.29% 17
Explore Park Trails	2.33% 12
Hanging Rock Battlefield Trail	2.13% 11
Lick Run Greenway	2.13% 11
Tinker Creek Greenway	2.13% 11
Mill Mountain Greenway	1.74% 9

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Q7: How do you use greenways? Select all that apply.

Answered: 531 Skipped: 11



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Q7: How do you use greenways? Select all that apply.

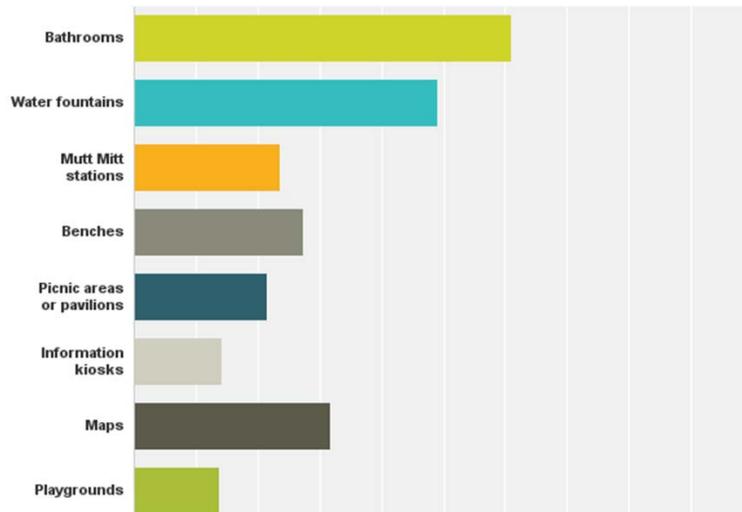
Answered: 531 Skipped: 11

Answer Choices	Responses
Recreation	73.82% 392
Exercise	92.09% 489
Races or other organized athletic events	26.93% 143
Transportation to get from one place to another	12.62% 67
To walk pets	31.26% 166
To enjoy the outdoors	84.37% 448
To show visitors more of the Roanoke Valley	32.58% 173
Bird-watching	10.55% 56
Fishing	5.27% 28
Other (please specify)	8.85% 47
Total Respondents: 531	

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Q8: What additional improvements or amenities would you like to see on existing greenways, and where? Select all that apply.

Answered: 453 Skipped: 89



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Q8: What additional improvements or amenities would you like to see on existing greenways, and where? Select all that apply.

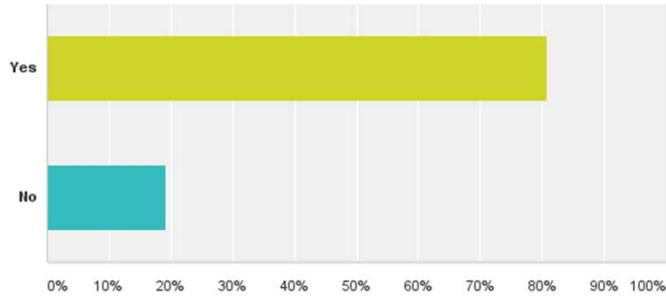
Answered: 453 Skipped: 89

Answer Choices	Responses	Count
Bathrooms	60.93%	276
Water fountains	49.01%	222
Mutt Mitt stations	23.62%	107
Benches	27.37%	124
Picnic areas or pavilions	21.41%	97
Information kiosks	14.13%	64
Maps	31.79%	144
Playgrounds	13.69%	62
Exercise equipment	14.35%	65
Artwork	22.52%	102
Total Respondents: 453		

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Q9: Would you use a Greenways app on your smart phone or tablet to view maps, locations of amenities, closure notifications, event notices, and to report issues?

Answered: 530 Skipped: 12



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Q9: Would you use a Greenways app on your smart phone or tablet to view maps, locations of amenities, closure notifications, event notices, and to report issues?

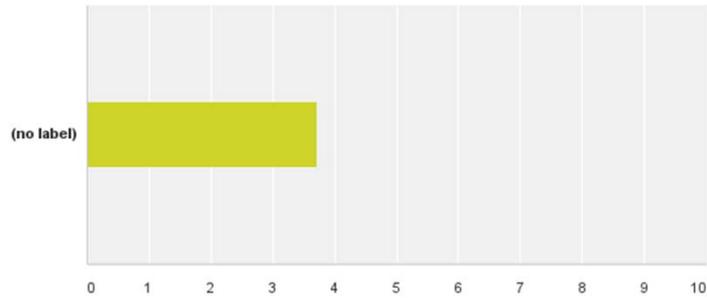
Answered: 530 Skipped: 12

Answer Choices	Responses	
Yes	80.75%	428
No	19.25%	102
Total		530

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Q10: How would you rate the maintenance (mowing, trash pickup, trail condition, etc.) of the greenways you use?

Answered: 528 Skipped: 14



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Q10: How would you rate the maintenance (mowing, trash pickup, trail condition, etc.) of the greenways you use?

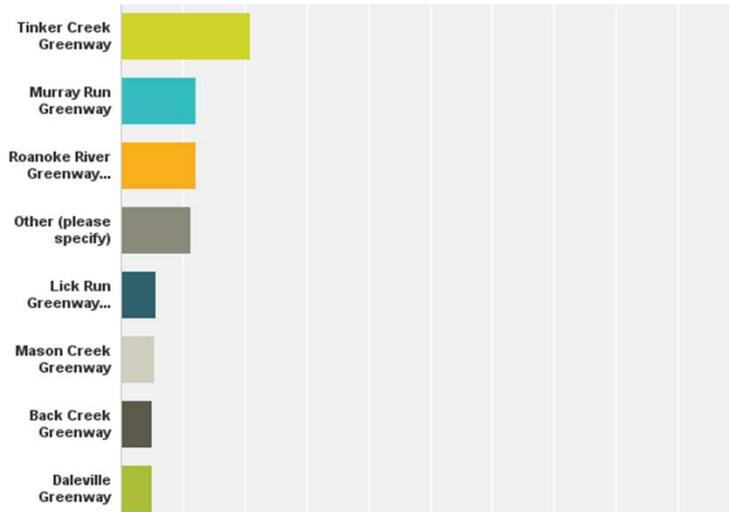
Answered: 528 Skipped: 14

	Poor	Fair	Good	Very Good	Outstanding	Total	Weighted Average
(no label)	1.33%	4.73%	30.87%	47.35%	15.72%	528	3.71
	7	25	163	250	83		

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Q13: The Roanoke River Greenway is currently the top priority for completion, between Green Hill Park and Explore Park. Which greenway should be constructed or completed next? Select one.

Answered: 440 Skipped: 102



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Q13: The Roanoke River Greenway is currently the top priority for completion, between Green Hill Park and Explore Park. Which greenway should be constructed or completed next? Select one.

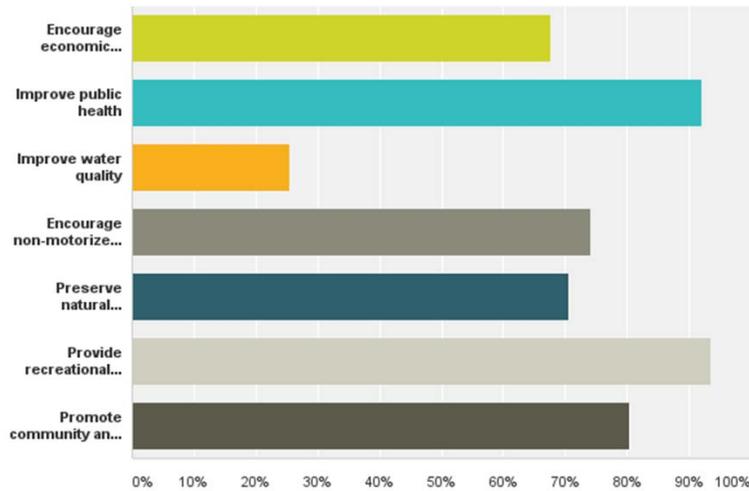
Answered: 440 Skipped: 102

Answer Choices	Responses
Tinker Creek Greenway	20.91% 92
Murray Run Greenway	12.05% 53
Roanoke River Greenway extensions (from Green Hill Park to Montgomery County Line)	12.05% 53
Other (please specify)	11.36% 50
Lick Run Greenway extensions	5.68% 25
Mason Creek Greenway	5.45% 24
Back Creek Greenway	5.00% 22
Daleville Greenway	5.00% 22
Mudlick Greenway	4.77% 21
Read Mountain Preserve (trail connections)	4.55% 20
Garden City/Garnand Branch Greenway	4.32% 19
Glade Creek Greenway	2.95% 13

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Q16: Do greenways positively benefit the community? In what ways? (Check all that apply)

Answered: 470 Skipped: 72



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Q16: Do greenways positively benefit the community? In what ways? (Check all that apply)

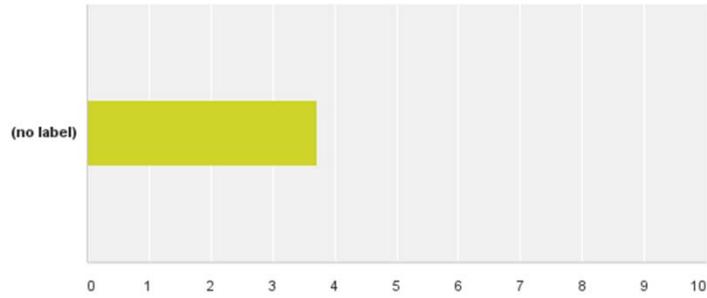
Answered: 470 Skipped: 72

Answer Choices	Responses	Count
Encourage economic development	67.66%	318
Improve public health	92.13%	433
Improve water quality	25.53%	120
Encourage non-motorized transportation	74.04%	348
Preserve natural environment	70.64%	332
Provide recreational opportunities	93.62%	440
Promote community and social interaction	80.43%	378
Total Respondents: 470		

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Q17: How important are greenways to the quality of life in the Roanoke Valley? Please rate importance below.

Answered: 477 Skipped: 65



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Q17: How important are greenways to the quality of life in the Roanoke Valley? Please rate importance below.

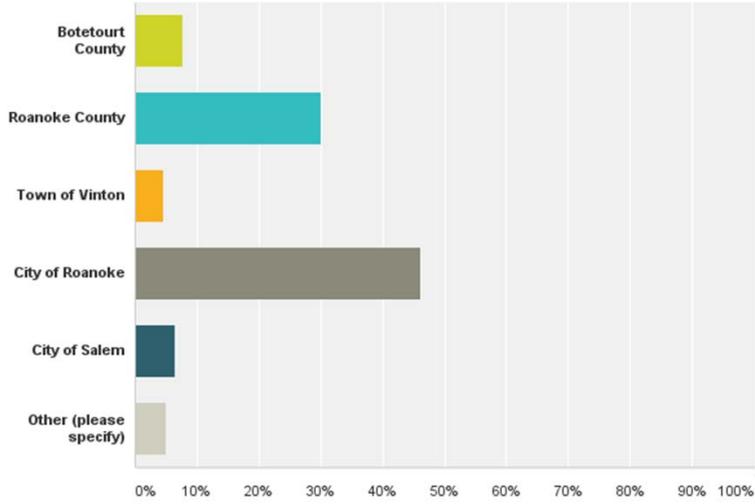
Answered: 477 Skipped: 65

	Not important	Somewhat important	Important	Extremely important	Total	Weighted Average
(no label)	0.42% 2	3.14% 15	21.59% 103	74.84% 357	477	3.71

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Q18: Which locality do you live in?

Answered: 481 Skipped: 61



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Q18: Which locality do you live in?

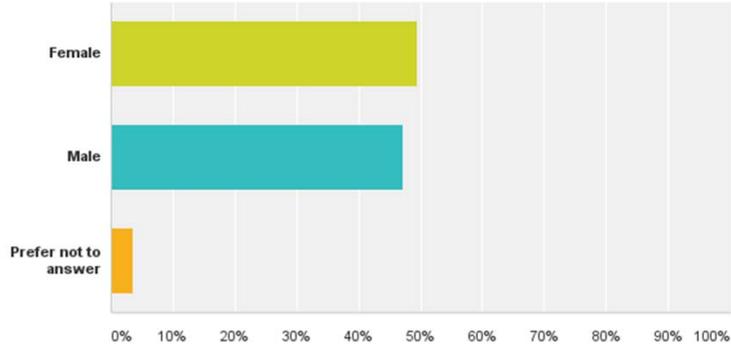
Answered: 481 Skipped: 61

Answer Choices	Responses
Botetourt County	7.69% 37
Roanoke County	30.15% 145
Town of Vinton	4.57% 22
City of Roanoke	46.15% 222
City of Salem	6.44% 31
Other (please specify)	4.99% 24
Total	481

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Q19: What is your sex?

Answered: 480 Skipped: 62



Powered by SurveyMonkey

Q19: What is your sex?

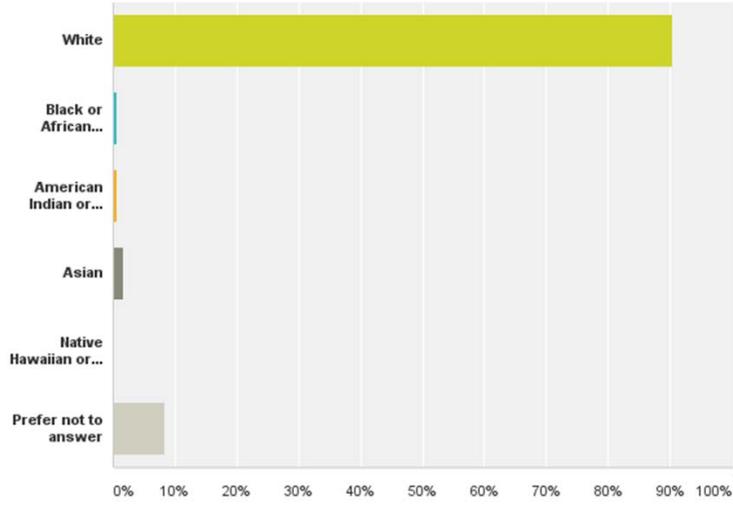
Answered: 480 Skipped: 62

Answer Choices	Responses
Female	49.38% 237
Male	47.08% 226
Prefer not to answer	3.54% 17
Total	480

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Q20: What is your race/ethnicity? Choose all that apply.

Answered: 479 Skipped: 63



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Q20: What is your race/ethnicity? Choose all that apply.

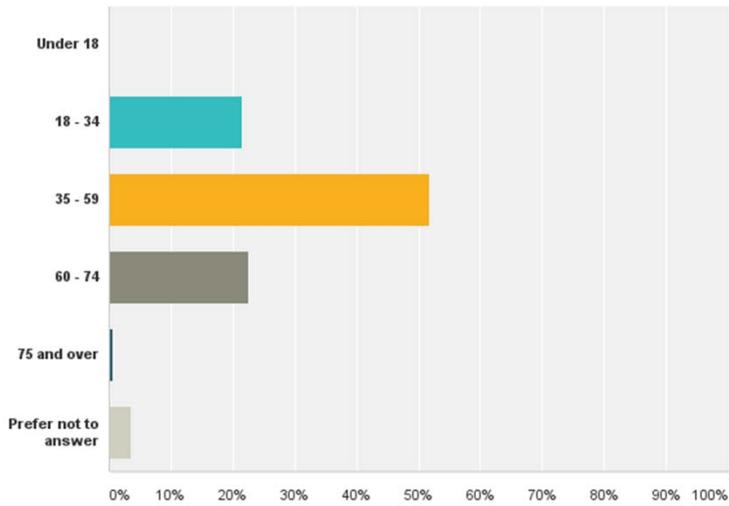
Answered: 479 Skipped: 63

Answer Choices	Responses	Count
White	90.40%	433
Black or African American	0.63%	3
American Indian or Alaskan Native	0.63%	3
Asian	1.67%	8
Native Hawaiian or Other Pacific Islander	0.00%	0
Prefer not to answer	8.35%	40
Total Respondents: 479		

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Q21: What is your age range?

Answered: 481 Skipped: 61



Powered by S

Q21: What is your age range?

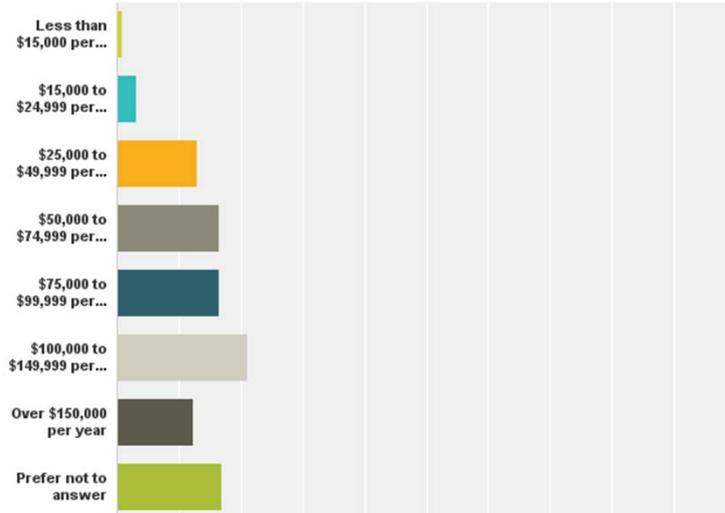
Answered: 481 Skipped: 61

Answer Choices	Responses
Under 18	0.21% 1
18 - 34	21.41% 103
35 - 59	51.77% 249
60 - 74	22.45% 108
75 and over	0.62% 3
Prefer not to answer	3.53% 17
Total	481

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Q22: What is your household income range?

Answered: 475 Skipped: 67



Powered by S

Q22: What is your household income range?

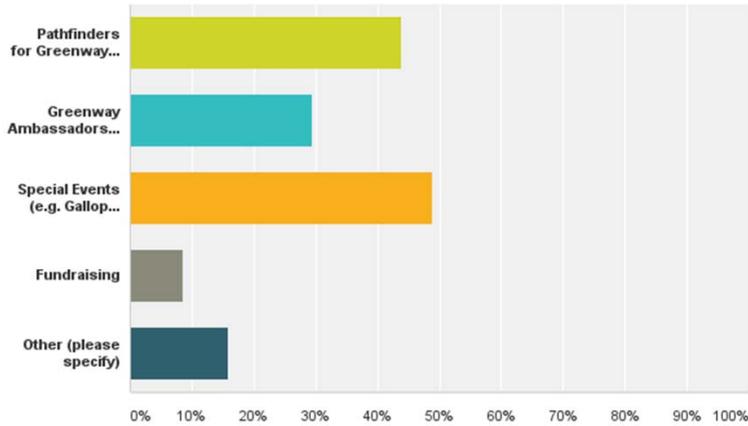
Answered: 475 Skipped: 67

Answer Choices	Responses
Less than \$15,000 per year	0.84% 4
\$15,000 to \$24,999 per year	3.16% 15
\$25,000 to \$49,999 per year	12.84% 61
\$50,000 to \$74,999 per year	16.42% 78
\$75,000 to \$99,999 per year	16.42% 78
\$100,000 to \$149,999 per year	21.05% 100
Over \$150,000 per year	12.42% 59
Prefer not to answer	16.84% 80
Total	475

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Q23: Would you be interested in volunteering to help support greenways in any of the following ways?

Answered: 221 Skipped: 321



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Q23: Would you be interested in volunteering to help support greenways in any of the following ways?

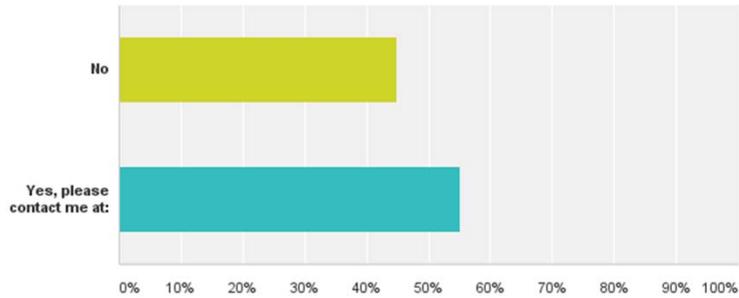
Answered: 221 Skipped: 321

Answer Choices	Responses
Pathfinders for Greenways (trail building and maintenance)	43.89% 97
Greenway Ambassadors (greenway monitoring and education)	29.41% 65
Special Events (e.g. Gallop 4 the Greenways)	48.87% 108
Fundraising	8.60% 19
Other (please specify)	15.84% 35
Total Respondents: 221	

Powered by SurveyMonkey

Q24: Would you like to stay informed about greenway news, events and/or volunteer opportunities?

Answered: 358 Skipped: 184



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Q24: Would you like to stay informed about greenway news, events and/or volunteer opportunities?

Answered: 358 Skipped: 184

Answer Choices	Responses
No	44.97% 161
Yes, please contact me at:	55.03% 197
Total	358

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Appendix C Public Input from 2017 Community Meetings

Flip Chart Notes from 2017 Community Meetings

Station 1	Question #1	What is your vision for the regional greenway network?	
Station 1	Question #2	What are the major connections needed within the Roanoke Valley?	
Station 1	Question #3	What do you consider to be the top priorities for completion?	
Station 2	Question #1	What are the destinations you would like to access via greenway from your neighborhood?	
Station 3	Question #1	For Tinker Creek Greenway, what alignment would you support, what benefits do you see?	
Station 4	Question #1	What solutions do you propose for management issues?	
GFC = Greenfield Flip Chart; MFC = Mountain View Flip Chart; FFC = Fishburn Flip Chart; SFC = South County Flip chart; GLFC = Glenvar Flip Chart; VFC = Vinton Flip Chart			
Comment Source	Station # - Question #	Recorded Response	Date
GFC	1-1	Long continuous path for road biking	3/21/17
GFC	1-1	Integrate Bike Route 76 with greenways	3/21/17
GFC	1-1	Continued growth - increase activity to public lands	3/21/17
GFC	1-1	Invest in nature routes, not through subdivisions	3/21/17
GFC	1-1	More interest with continued progress being shown	3/21/17
GFC	1-1	Build greenways within building restricted areas and buffers	3/21/17
GFC	1-1	Lighting that is compatible to use	3/21/17
GFC	1-1	Capability to "overnight" and continue the next day on the greenway	3/21/17
GFC	1-1	Separation of activities and add capacity in high usage areas	3/21/17
GFC	1-1	Wider bicycle lanes	3/21/17
GFC	1-1	Completion of Roanoke River Greenways to Explore Park	3/21/17
GFC	1-1	More Greenways	3/21/17
GFC	1-1	Use what is already existing	3/21/17
GFC	1-1	Happy Valley and Carvins Cove trails also including carriage roads	3/21/17
GFC	1-1	Connectivity to Appalachian Trail and small towns	3/21/17
GFC	1-1	Connectivity wherever possible	3/21/17
GFC	1-1	Stay on natural trails and out of subdivisions	3/21/17
GFC	1-1	More opportunities for families, i.e. strollers	3/21/17
GFC	1-1	Connectivity for business, commuting, and recreation - Pub Runs	3/21/17
GFC	1-1	Commuting and connectivity to business	3/21/17
GFC	1-1	Connectivity of all greenways without being on highway or limited highway area	3/21/17
GFC	1-1	Finish Roanoke River Greenway	3/21/17
GFC	1-1	Consider greenways for more than recreation - tourism, transportation, play grounds along the way, restaurants	3/21/17
GFC	1-1	Tie urban and rural greenway areas together	3/21/17
GFC	1-1	Building connections, community through greenways, emotional connectivity	3/21/17
GFC	1-1	Businesses as destinations on the greenway	3/21/17
GFC	1-1	Connectivity from Salem to Botetourt County	3/21/17
GFC	1-1	Would like Town of Buchanan tied into system	3/21/17
GFC	1-1	Promote and use Bike Route 76 - even for hiking	3/21/17
GFC	1-1	Complete Roanoke River Greenway first	3/21/17
GFC	1-1	Connect Carvins Cove to Daleville around Tinker Mountain	3/21/17
GFC	1-1	Connectivity is essential for continued improvement of quality of life and viability of communities	3/21/17
GFC	1-1	Greenways building economic development	3/21/17
GFC	1-1	Williamson Road to Planation Road to Carvins Cove to Daleville to Greenfield	3/21/17
GFC	1-1	Connection to Flying Mouse	3/21/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
GFC	1-1	Need main route in Botetourt and then build out from there	3/21/17
GFC	1-2	Lexington	3/21/17
GFC	1-2	Buchanan	3/21/17
GFC	1-2	Natural Bridge	3/21/17
GFC	1-2	Fincastle	3/21/17
GFC	1-2	Blacksburg	3/21/17
GFC	1-2	Franklin County - Rocky Mount/Harvester; Wade Park	3/21/17
GFC	1-2	Smith Mountain Lake	3/21/17
GFC	1-2	Bedford - Montvale Park, Falling Springs, Peaks of Otter	3/21/17
GFC	1-2	Access to Blue Ridge Parkway	3/21/17
GFC	1-2	Town of Buchanan	3/21/17
GFC	1-2	Roaring Run - north of Eagle Rock	3/21/17
GFC	1-2	Daleville Town Center and Greenfield Sports Complex	3/21/17
GFC	1-2	Clifton Forge and Bath County	3/21/17
GFC	1-2	Cowpasture River	3/21/17
GFC	1-2	Northwest corner of Botetourt County - Near Forest Service property	3/21/17
GFC	1-2	Craigs Creek to New Castle - Old Rail Bed	3/21/17
GFC	2-1	Buchanan Town Park	3/21/17
GFC	2-1	Limestone Park	3/21/17
GFC	2-1	Elementary School	3/21/17
GFC	2-1	Arcadia Jennings Creek	3/21/17
GFC	2-1	RR Fincastle to Buchanan? - Mary Z	3/21/17
GFC	2-1	Purgatory Mountain Rail Bed?	3/21/17
GFC	2-1	Gorge Road - trail?	3/21/17
GFC	2-1	Roaring Run spur from Craigs Creek Trail	3/21/17
GFC	2-1	DTC, Flying Mouse, Greenfield	3/21/17
GFC	2-1	Connect "little" towns	3/21/17
GFC	2-1	AT in Buchanan	3/21/17
GFC	2-1	Arcadia - Wilson Mountain	3/21/17
GFC	2-1	Camp Bethel - National Forest	3/21/17
GFC	2-1	Disc Golf Course	3/21/17
GFC	2-1	New Communities/Apartment Complexes	3/21/17
GFC	2-1	Not on my street	3/21/17
GFC	2-1	Tinker Creek to Etzler Road	3/21/17
GFC	2-1	ER - Patterson Creek	3/21/17
GFC	2-1	Carvins Cove	3/21/17
GFC	2-1	Troutville Town Park - AT	3/21/17
GFC	2-1	Old river beds/Flood plain	3/21/17
GFC	2-1	Parallel to BR Parkway	3/21/17
GFC	2-1	Reopening trails in Greenfield	3/21/17
GFC	2-1	How would we cross Glebe Road?	3/21/17
GFC	2-1	Read Mountain Trails	3/21/17
GFC	2-1	Kroger area shopping center	3/21/17
GFC	3-1	Consider using sewer line easement and railroad land	3/21/17
GFC	3-1	Natural connection between Roanoke County and Botetourt County	3/21/17
GFC	3-1	Commuting	3/21/17
GFC	3-1	Exit 150/UDA: greenway beneficial to improvements	3/21/17
GFC	3-1	Connect greenway and blueways	3/21/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
GFC	3-1	Economic development: connect Carvins Cove and Hollins and Daleville	3/21/17
GFC	3-1	Concerns with parking lots not being patrolled (checking for parking fees at Carvins Cove)	3/21/17
GFC	3-1	Greenway parking lots are "free"	3/21/17
GFC	3-1	User confusion	3/21/17
GFC	3-1	Policy? Revenue source	3/21/17
GFC	3-1	Phased approach - connect to Carvins Cove first (south Botetourt County)	3/21/17
GFC	3-1	North Botetourt County - circular trails (looped) desired	3/21/17
GFC	3-1	Recreation (primary desire)	3/21/17
GFC	3-1	Avoid extreme grades on greenways	3/21/17
GFC	3-1	Why aren't trails in Greenfield paved? Surface not conducive for strollers. Improve those trails first to create a destination.	3/21/17
GFC	3-1	Avoid greenways in subdivisions (Fairview)	3/21/17
GFC	3-1	Privacy concerns	3/21/17
GFC	3-1	Safety concerns on Glebe Road, Country Club Road, and Orchard Lake	3/21/17
GFC	3-1	Assess cost-benefit	3/21/17
GFC	3-1	Socialize and being outside	3/21/17
GFC	3-1	Commuter routes/connectivity	3/21/17
GFC	3-1	Hiking options in region are plenty, no need for greenways in subdivisions	3/21/17
GFC	3-1	Market existing resources	3/21/17
GFC	3-1	Study of residents' desire to commute between Roanoke and Botetourt or use the greenway for recreational use	3/21/17
GFC	4-1	User Conflicts-Speed of bikes versus walking	3/21/17
GFC	4-1	User Conflicts-Walkers have headphones and can't hear callouts	3/21/17
GFC	4-1	User Conflicts-Dogs in way - leash	3/21/17
GFC	4-1	User Conflicts-Volume and congestion	3/21/17
GFC	4-1	User Conflicts-Awareness of others	3/21/17
GFC	4-1	Issues-People blocking greenway	3/21/17
GFC	4-1	Issues-People on wrong side	3/21/17
GFC	4-1	Issues- Bikes, speed	3/21/17
GFC	4-1	Issues-Packs of runners	3/21/17
GFC	4-1	Issues- Strollers	3/21/17
GFC	4-1	Solutions-Center line	3/21/17
GFC	4-1	Solutions-Bike vs Ped Lane	3/21/17
GFC	4-1	Solutions- Separation	3/21/17
GFC	4-1	Issues- Bikes	3/21/17
GFC	4-1	Issues-Dog walkers	3/21/17
GFC	4-1	Issues-Mother Nature--Get cleaned up before opening	3/21/17
GFC	4-1	Issues- Width	3/21/17
GFC	4-1	Issues- Pack runners	3/21/17
GFC	4-1	Issues-Homeless/aggressive panhandling	3/21/17
GFC	4-1	Solutions-Enforcement	3/21/17
GFC	4-1	Solutions-Education	3/21/17
GFC	4-1	Solutions-Broken window-visibility	3/21/17
GFC	4-1	Volunteers	3/21/17
GFC	4-1	Issues-Speed	3/21/17
GFC	4-1	Issues-Where users are on trail	3/21/17
GFC	4-1	Issues Dog Leashes	3/21/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
GFC	4-1	Issues-Children-motorized toy vehicles	3/21/17
GFC	4-1	Issues-Congestion	3/21/17
GFC	4-1	Issues-not a ton of problems	3/21/17
GFC	4-1	Solutions-Go to different places to do different activities	3/21/17
GFC	4-1	Solutions-Aware of congestion	3/21/17
GFC	4-1	Solutions-More width	3/21/17
GFC	4-1	Solutions-More trails	3/21/17
GFC	4-1	Solutions-spread out users	3/21/17
GFC	4-1	Solutions-Speed limit	3/21/17
GFC	4-1	Pets-poop	3/21/17
GFC	4-1	Pets-leashes	3/21/17
GFC	4-1	Pets-getting off trail	3/21/17
GFC	4-1	Pets-what about wildlife?	3/21/17
GFC	4-1	Pets-running into bears?	3/21/17
GFC	4-1	Pets-be aware of wildlife	3/21/17
GFC	4-1	Pets-off leash pets	3/21/17
GFC	4-1	Pets-Droppings	3/21/17
GFC	4-1	Pets-Cleanup	3/21/17
GFC	4-1	Pets-education	3/21/17
GFC	4-1	Pets-trash cans	3/21/17
GFC	4-1	Vandalism-Stealing signs	3/21/17
GFC	4-1	Vandalism Issues-Broken fences	3/21/17
GFC	4-1	Vandalism Issues-Homeless?	3/21/17
GFC	4-1	Vandalism Issues-Signage	3/21/17
GFC	4-1	Vandalism Solutions-Make stuff vandal proof	3/21/17
GFC	4-1	Vandalism Solutions-Police and volunteers	3/21/17
GFC	4-1	Vandalism-Theft of plants/items	3/21/17
GFC	4-1	Vandalism- Get more users on trail	3/21/17
GFC	4-1	Issues-Leashes-length	3/21/17
GFC	4-1	Issues-Picking up after pet	3/21/17
GFC	4-1	Solutions-Awareness	3/21/17
GFC	4-1	Solutions-Enforcement/Law & Volunteer	3/21/17
GFC	4-1	Signage-Situational	3/21/17
GFC	4-1	Signage-Mileage	3/21/17
GFC	4-1	Signage-Phone app to tell you where you are on the trail	3/21/17
GFC	4-1	Signage-Reminders in congested areas	3/21/17
GFC	4-1	Signage-need more signs/interpreter signs	3/21/17
GFC	4-1	Signage-not for safety or protection	3/21/17
GFC	4-1	Signage-have good maps already	3/21/17
GFC	4-1	Signage-limit in neighborhoods	3/21/17
GFC	4-1	Signage-bathrooms	3/21/17
MFC	1-1	Be aware of personal privacy and safety	3/27/17
MFC	1-1	Protect the floodway and nature	3/27/17
MFC	1-1	Expand commercial development along Plantation Road - coffee shops etc	3/27/17
MFC	1-1	Be aware of hills and problems of getting in and out of greenway (access)	3/27/17
MFC	1-1	Enhance Carvins Cove	3/27/17
MFC	1-1	Clearly marked trails - especially the natural trails	3/27/17
MFC	1-1	Get to and through Explore Park	3/27/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
MFC	1-1	Connect downtown Roanoke to Vinton	3/27/17
MFC	1-1	Anticipating access to cover the number of users	3/27/17
MFC	1-1	Branches off main greenway to serve specific areas	3/27/17
MFC	1-1	Roanoke River Greenway needs to be completed	3/27/17
MFC	1-1	Connect neighborhoods, regions, and the Commonwealth	3/27/17
MFC	1-1	Connect to Craig Valley Scenic Trail	3/27/17
MFC	1-1	Connect Roanoke River Greenway to Huckleberry Trail to New River Trail then Beaches to Bluegrass	3/27/17
MFC	1-1	Connect schools, parks, village centers	3/27/17
MFC	1-1	Keep neighborhoods free of greenways	3/27/17
MFC	1-1	Want Roanoke River and Tinker Creek to be completed and connected	3/27/17
MFC	1-1	Connect, connect, connect. Build whole plan	3/27/17
MFC	1-1	Greenways through neighborhoods	3/27/17
MFC	1-1	Be aware of personal privacy and property	3/27/17
MFC	1-1	Connect Breweries	3/27/17
MFC	1-1	West along Roanoke River to Montgomery County	3/27/17
MFC	1-1	Complete Plantation Road region to downtown	3/27/17
MFC	1-2	Could be gaps-don't have to connect	3/27/17
MFC	1-2	Connections for Hollins University and Roanoke College	3/27/17
MFC	1-2	Hollins University to Blue Ridge Parkway	3/27/17
MFC	1-2	Hollins Road to Shadwell-Deschutes	3/27/17
MFC	1-2	Daleville	3/27/17
MFC	1-2	Hollins University	3/27/17
MFC	1-2	Carvins Cove	3/27/17
MFC	1-2	Poor Mountain and Read Mountain Reserve	3/27/17
MFC	1-2	Connect to Daleville	3/27/17
MFC	1-2	North County to Salem	3/27/17
MFC	1-2	More connection to Carvins Cove	3/27/17
MFC	1-2	More connections to Read Mountain Preserve	3/27/17
MFC	2-1	Connection to Carvins Cove	3/27/17
MFC	2-1	Connections to DTC/Greenfield	3/27/17
MFC	2-1	Eagle Rock	3/27/17
MFC	2-1	Troutville to BRP	3/27/17
MFC	2-1	Buchanan to BRP	3/27/17
MFC	3-1	Connectivity to the AT, Carvins Cove, to Roanoke River Greenway (Hollins Community)	3/27/17
MFC	3-1	Botetourt County – Craig River Scenic Trail connectivity	3/27/17
MFC	3-1	Concerns with privacy and seclusion (safety), trash, trespassing, enforcement	3/27/17
MFC	3-1	Consideration for off-creek routes	3/27/17
MFC	3-1	Topography issues	3/27/17
MFC	3-1	Hollins University connection to Downtown Roanoke	3/27/17
MFC	3-1	Design needs to be open, visible, secure and monitored	3/27/17
MFC	3-1	VDOT coordination on Plantation Road	3/27/17
MFC	3-1	Connection to Deschutes	3/27/17
MFC	3-1	Concerns with residential properties and topography	3/27/17
MFC	3-1	Connection through Hollins University	3/27/17
MFC	3-1	No public park in backyard	3/27/17
MFC	3-1	Elizabeth Arden (railroad line opportunity)	3/27/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
MFC	3-1	Don't feel comfortable walking in people's backyards	3/27/17
MFC	3-1	Take advantage of mountain views	3/27/17
MFC	3-1	Gaps in system are okay	3/27/17
MFC	3-1	Concerns with school safety and public greenway	3/27/17
MFC	3-1	Concerns with horses	3/27/17
MFC	3-1	Preservation of historic structures along Tinker Creek	3/27/17
MFC	4-1	User Conflicts-Legal liability	3/27/17
MFC	4-1	User Conflicts-Promote courtesy-How to use/Pamphlets	3/27/17
MFC	4-1	User Conflicts- Safety tips	3/27/17
MFC	4-1	User Conflicts- Skateboards, rollerblades	3/27/17
MFC	4-1	User Conflicts- Does experience lead to less incidents?	3/27/17
MFC	4-1	User Conflicts- Concern with bike speed	3/27/17
MFC	4-1	User Conflicts-Distracted users	3/27/17
MFC	4-1	User Conflicts- Speed limit signs	3/27/17
MFC	4-1	User Conflicts-Improve width	3/27/17
MFC	4-1	User Conflicts-Time limits for bikes	3/27/17
MFC	4-1	User Conflicts- Enforcement/Policing	3/27/17
MFC	4-1	User Conflicts-Encourage bikers to use other trails/greenways	3/27/17
MFC	4-1	User Conflicts- Weekend challenges	3/27/17
MFC	4-1	User Conflicts-Dividing line	3/27/17
MFC	4-1	User Conflicts-Have bikers announce w bells or calling out	3/27/17
MFC	4-1	User Conflicts-Signs – simple signs	3/27/17
MFC	4-1	User Conflicts-Pavement arrows	3/27/17
MFC	4-1	User Conflicts-Bike lanes on greenway	3/27/17
MFC	4-1	User Conflicts- Conflict between walkers and cyclists	3/27/17
MFC	4-1	User Conflicts-Distracted walkers	3/27/17
MFC	4-1	User Conflicts- Yellow line dividing traffic-effective	3/27/17
MFC	4-1	User Conflicts-Discourage fast riders	3/27/17
MFC	4-1	User Conflicts- Greenways for all users	3/27/17
MFC	4-1	User Conflicts- Protect vulnerable users	3/27/17
MFC	4-1	User Conflicts- Fast cyclists use roads	3/27/17
MFC	4-1	User Conflicts-Longer Greenways will create fast riders	3/27/17
MFC	4-1	User Conflicts- Advanced notice for events/races	3/27/17
MFC	4-1	Vandalism-Police Presence?	3/27/17
MFC	4-1	Vandalism- Prevalent at night	3/27/17
MFC	4-1	Vandalism- More trashcans	3/27/17
MFC	4-1	Vandalism- Campsites in warmer weather	3/27/17
MFC	4-1	Vandalism- Lighting	3/27/17
MFC	4-1	Vandalism- Greenway Ambassadors	3/27/17
MFC	4-1	Vandalism-Protect private property	3/27/17
MFC	4-1	Vandalism- Who polices?	3/27/17
MFC	4-1	Vandalism- Wooded sections	3/27/17
MFC	4-1	Vandalism- Irresponsible people	3/27/17
MFC	4-1	Vandalism- "Leave no trace"	3/27/17
MFC	4-1	Vandalism-Landscaping deters	3/27/17
MFC	4-1	Vandalism- Inevitable	3/27/17
MFC	4-1	Vandalism- Correlation with neighborhoods	3/27/17
MFC	4-1	Vandalism- Mile Markers vandalized	3/27/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
MFC	4-1	Vandalism- More people less vandalism	3/27/17
MFC	4-1	Vandalism- Littering – also an issue	3/27/17
MFC	4-1	Vandalism- Historical artifacts	3/27/17
MFC	4-1	Vandalism- Keep users away from	3/27/17
MFC	4-1	Vandalism-More trash cans	3/27/17
MFC	4-1	Vandalism- Solar lights	3/27/17
MFC	4-1	Vandalism- Litter	3/27/17
MFC	4-1	Vandalism- “Adopt a Greenway”	3/27/17
MFC	4-1	Pets-Leash	3/27/17
MFC	4-1	Pets- Clean up waste	3/27/17
MFC	4-1	Pets-control vicious animals	3/27/17
MFC	4-1	Pets-Generally under control	3/27/17
MFC	4-1	Pets-Subject to same rules for parks	3/27/17
MFC	4-1	Pets- Dog Park near Greenway	3/27/17
MFC	4-1	Pets- Issues with long leashes	3/27/17
MFC	4-1	Pets-Leashes should be required	3/27/17
MFC	4-1	Pets- Pet waste not picked up	3/27/17
MFC	4-1	Pets- More pet stations	3/27/17
MFC	4-1	Pets- Monitoring	3/27/17
MFC	4-1	Pets- Wastebag dispensers	3/27/17
MFC	4-1	Pets-Horses/dogs use grass	3/27/17
MFC	4-1	Pets- Homeowners’ pets affected by users’ pets	3/27/17
MFC	4-1	Wayfinding/Signage-Parking signs needed	3/27/17
MFC	4-1	Wayfinding/Signage- Adequate parking	3/27/17
MFC	4-1	Wayfinding/Signage- Mile markers helpful	3/27/17
MFC	4-1	Wayfinding/Signage- Pavement markers	3/27/17
MFC	4-1	Wayfinding/Signage- Greenway ends at 13th St	3/27/17
MFC	4-1	Wayfinding/Signage-Need sign to Tinker Creek	3/27/17
MFC	4-1	Wayfinding/Signage-Signs identifying private land	3/27/17
MFC	4-1	Wayfinding/Signage-Posting notices for events	3/27/17
MFC	4-1	Wayfinding/Signage- Too many signs create confusion	3/27/17
MFC	4-1	Wayfinding/Signage-Sign for Carvins Cove trail off of Plantation Rd. and trail markers	3/27/17
MFC	4-1	Wayfinding/Signage-Pavement arrows at same place indicating direction	3/27/17
MFC	4-1	Wayfinding/Signage-Online map helpful	3/27/17
MFC	4-1	Wayfinding/Signage- Vinton trail hard to find	3/27/17
MFC	4-1	Wayfinding/Signage- Trouble finding blueway access particularly Roanoke River	3/27/17
MFC	4-1	Wayfinding/Signage-Guides/Tours	3/27/17
MFC	4-1	Wayfinding/Signage- Hard to find Read Mountain Preserve-Access at different locations	3/27/17
FFC	1-1	Cave Spring to Roanoke River Greenway	3/30/17
FFC	1-1	Tinker Creek – connect at 81	3/30/17
FFC	1-1	Fishburn to Roanoke River Greenway	3/30/17
FFC	1-1	Roanoke River Greenway to Montgomery County, VT	3/30/17
FFC	1-1	Explore Park to Westlake	3/30/17
FFC	1-1	More signage	3/30/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
FFC	1-1	Roanoke River Greenway to Smith Mountain Lake – Ferrum, Hollins, Craig Valley, James River Trail, Parkway, Huckleberry, New River Trail, Bluegrass in SW Tobacco Trail	3/30/17
FFC	1-1	Widen Parkway	3/30/17
FFC	1-1	Connect to neighborhoods/signage	3/30/17
FFC	1-1	More sidewalk connectivity/city and counties. Better coordination.	3/30/17
FFC	1-1	Colonial Ave safety/pedestrian connectivity	3/30/17
FFC	1-1	Connecting business areas	3/30/17
FFC	1-1	Attract businesses & services, signage directing to businesses	3/30/17
FFC	1-1	Tie in Tanglewood changes	3/30/17
FFC	1-1	Co-locating with Rail	3/30/17
FFC	1-1	Bike Share/Carilion to population, business	3/30/17
FFC	1-1	Divided/Share use	3/30/17
FFC	1-1	Connect with buses	3/30/17
FFC	1-1	Roanoke River Greenway to Huckleberry	3/30/17
FFC	1-1	Mill Mountain Campground	3/30/17
FFC	1-1	Camping?	3/30/17
FFC	1-1	Bike camping at Explore	3/30/17
FFC	1-1	More Blueway access	3/30/17
FFC	1-1	Tanglewood connect/big parking lot	3/30/17
FFC	1-1	Countryside – connect with Peters Creek	3/30/17
FFC	1-1	Any connections	3/30/17
FFC	1-1	419	3/30/17
FFC	1-1	Yellow Mountain trails to Mill Mountain & Star	3/30/17
FFC	1-1	Better at connections	3/30/17
FFC	1-1	McAfee to Hanging Rock	3/30/17
FFC	1-1	Parallel 460E connect to Botetourt	3/30/17
FFC	2-1	Greenway on Shenandoah Life Property (scribe’s note: one red star and six blue dots were placed next to this comment)	3/30/17
FFC	2-1	Good South Roanoke greenway connection	3/30/17
FFC	2-1	Bridge at Dr. Pepper Park to Roanoke River Greenway	3/30/17
FFC	2-1	Handicap accessible	3/30/17
FFC	2-1	Connect north/south to NW/NE	3/30/17
FFC	2-1	Tinker Creek connection to Roanoke River – Avoid steep hill	3/30/17
FFC	2-1	Bike lane Route 24 @ Vinton to Wolf Creek & Parkway	3/30/17
FFC	2-1	Connect with 419 Plan/Apperson/Melrose/(scribe’s note: one blue dot was placed on Melrose, and the following additional connections were listed in pen along the side of the paper) Peters Creek, 220, Parkway, Williamson, Jefferson, Garden City, Route 24, Virginia Ave, Gus Nicks, Route 460, Hollins, Plantation	3/30/17
FFC	2-1	Murray Run cross walk at Brambleton	3/30/17
FFC	2-1	Tie to Valley View Hotels	3/30/17
FFC	3-1	Separation or safety measures between on-road greenway and Plantation Road	3/30/17
FFC	3-1	Utilize right-of-corridors with railroad to get to Botetourt	3/30/17
FFC	3-1	13th St to East Gate Park – Mountain bike	3/30/17
FFC	4-1	Need a center line paved trails (two check marks beside this note)	3/30/17
FFC	4-1	Like the rhymes – nice reminders (one check mark)	3/30/17
FFC	4-1	Improved connections b/w bike lanes & greenways – color	3/30/17
FFC	4-1	Garbage cans @ P.L. & in between	3/30/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
FFC	4-1	Trash can near parking lot pulloff near Monument on Mill	3/30/17
FFC	4-1	Better signage on dog poop dispensers	3/30/17
FFC	4-1	Kudzu & invasives – pygmy goats?	3/30/17
FFC	4-1	Better ADA accessibility – alternate b/w Golden, Tinker, WTP in Roanoke – grading (one check mark)	3/30/17
FFC	4-1	Fire & EMS collaboration on greenway locations	3/30/17
FFC	4-1	Text # for issues/email/social media (two check marks)	3/30/17
FFC	4-1	Simple more frequent signage for most important things	3/30/17
FFC	4-1	Earbuds? Yes or no	3/30/17
FFC	4-1	Shenandoah Life land priority 2 w/ Murray Run Greenway	3/30/17
FFC	4-1	More obvious littering violation signs	3/30/17
FFC	4-1	Proposed single use days – bike night vs run night	3/30/17
FFC	4-1	Mapped locations of bathrooms	3/30/17
FFC	4-1	Bathrooms open year round or earlier in search (Possibly meant to be season?)	3/30/17
FFC	4-1	Additional bathrooms needed in Salem b/w Rotary and WTP in Salem	3/30/17
FFC	4-1	Rotary Park – curb to Hampton Inn near hospital – sidewalk extension	3/30/17
FFC	4-1	Trash can on greenway in Smith Park near river	3/30/17
FFC	4-1	App	3/30/17
FFC	4-1	Twitter	3/30/17
FFC	4-1	QR codes that link to website appropriate	3/30/17
FFC	4-1	Bike fix stations/First aid stations (check mark)	3/30/17
FFC	4-1	Public art/functional art	3/30/17
FFC	4-1	Creative night time light/Blue lights	3/30/17
FFC	4-1	Widen greenway in high traffic areas (check mark)	3/30/17
FFC	4-1	No center line	3/30/17
FFC	4-1	More light under Roanoke River trestles	3/30/17
FFC	4-1	Better enforcement of 6' leashes	3/30/17
FFC	4-1	Recharging stations for motorized wheel chairs	3/30/17
FFC	4-1	Ebikes – concern about motorized use	3/30/17
FFC	4-1	Market more for commuters & families	3/30/17
FFC	4-1	Separate bike lanes thru Wasena, Smith, Rivers Edge 2' wide each direction (check mark)	3/30/17
FFC	4-1	Security – Memorial to Bridge St. – Lick Run – Washington Park to Valley View	3/30/17
FFC	4-1	Rename star trail parking lot to Riverland Road trailhead	3/30/17
FFC	4-1	Hartsook Trailhead	3/30/17
FFC	4-1	“Roanoke Valley Horse Trail” – multiuse for all	3/30/17
FFC	4-1	Naming trails for EMS response accuracy	3/30/17
FFC	4-1	Pave Wolf Creek Greenway	3/30/17
SFC	1-1	Regional Vision Priorities-Continue Roanoke River Greenway	4/3/17
SFC	1-1	Regional Vision Priorities-Connect to more trails (Carvins Cove, Garst Mill, etc) and advertise trails	4/3/17
SFC	1-1	Regional Vision Priorities-Solutions for McAfee’s Knob	4/3/17
SFC	1-1	Regional Vision Priorities-Balancing the rights of property owners with greenway needs	4/3/17
SFC	1-1	Regional Vision Priorities-Access to greenways in places lacking public transportation and connecting to existing systems	4/3/17
SFC	1-1	Regional Vision Priorities-Greenway along LaMarre Drive	4/3/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
SFC	1-1	Regional Vision Priorities- Central transportation hub in Roanoke Valley for SW Virginia based on greenway system	4/3/17
SFC	1-1	Regional Vision Priorities- Connections to businesses/neighborhoods/restaurants	4/3/17
SFC	1-1	Regional Vision Priorities-Don't have to drive to greenways	4/3/17
SFC	1-1	Regional Vision Priorities-Connect to Commonwealth, including VA Beach	4/3/17
SFC	1-1	Regional Vision Priorities-Complete existing vision/greenway plan	4/3/17
SFC	1-1	Regional Vision Priorities- Complete Roanoke River Greenway	4/3/17
SFC	1-1	Regional Vision Priorities- Connect park greenways to the larger network	4/3/17
SFC	1-1	Destinations-Smith Mountain Lake	4/3/17
SFC	1-1	Destinations-Garst Mill to Murray Run	4/3/17
SFC	1-1	Destinations-Blue Ridge Parkway	4/3/17
SFC	1-1	Destinations- Explore Park	4/3/17
SFC	1-1	Destinations-Craig Valley Scenic Trail	4/3/17
SFC	1-1	Destinations- Hollins and Roanoke College	4/3/17
SFC	1-1	Destinations-Carvins Cove	4/3/17
SFC	1-1	Destinations-South Roanoke connector to the Roanoke River Greenway	4/3/17
SFC	1-1	Regional Vision Priorities- Greenways everywhere	4/3/17
SFC	1-1	Regional Vision Priorities- Connect to other towns, 50 miles	4/3/17
SFC	1-1	Regional Vision Priorities- Link to Franklin, Craig, & Montgomery Counties	4/3/17
SFC	1-1	Regional Vision Priorities- Link to Virginia Tech	4/3/17
SFC	1-1	Regional Vision Priorities- Connect greenways to transportation network, no car needed	4/3/17
SFC	1-1	Regional Vision Priorities- Add protected bike lanes	4/3/17
SFC	1-1	Regional Vision Priorities- On street parking as bike protection	4/3/17
SFC	1-1	Regional Vision Priorities- Raised bike lanes (prevent debris)	4/3/17
SFC	1-1	Regional Vision Priorities- Smith Mountain Lake parks, beaches connection	4/3/17
SFC	1-1	Regional Vision Priorities- Rails to Trails opportunities	4/3/17
SFC	1-1	Regional Vision Priorities- Brewery connections	4/3/17
SFC	1-1	Regional Vision Priorities- Wayfinding signage, especially downtown	4/3/17
SFC	1-1	Regional Vision Priorities- Advertise to tourists, brochures at hotels	4/3/17
SFC	2-1	Connection from Starkey to Roanoke River Greenway	4/3/17
SFC	2-1	Connect S. County to greenway network	4/3/17
SFC	2-1	Mudlick Creek Greenway-Priority	4/3/17
SFC	2-1	Restrooms at Rotary Park	4/3/17
SFC	2-1	Charging stations for motorized wheelchairs	4/3/17
SFC	2-1	Sidewalk LaMarre (North Co.) or greenway	4/3/17
SFC	2-1	Connection to Reservoir from Plantation Rd	4/3/17
SFC	2-1	Expand Carvins Cove Trails on Williamson Rd. side	4/3/17
SFC	2-1	Transit access to Hollins area	4/3/17
SFC	2-1	Greenway connection to Tanglewood Mall (x2)	4/3/17
SFC	2-1	Connections to Morningside in Southeast-Morningside Park and connect to Jackson Park	4/3/17
SFC	2-1	Connect Schools-Reduce Obesity and bike to school	4/3/17
SFC	2-1	Mixed purposes- Recreation & commuting	4/3/17
SFC	2-1	Show bikeway on maps	4/3/17
SFC	4-1	Pets-Retractable leashes	4/3/17
SFC	4-1	Pets- Pet waste (health issues & environmental)	4/3/17
SFC	4-1	Pets- People are the problem (not pets)	4/3/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
SFC	4-1	Pets-Positive reinforcement	4/3/17
SFC	4-1	Wayfinding Signs - Addresses (add zip code)	4/3/17
SFC	4-1	Wayfinding Signs -Parking directions	4/3/17
SFC	4-1	Wayfinding Signs -More milemarkers for emergencies	4/3/17
SFC	4-1	Wayfinding Signs -Smartphone app needed for trails and greenways (relate to parking app)	4/3/17
SFC	4-1	Wayfinding Signs - River dredging – keeping track of when greenway is closed (notice when greenway is closed) for flooding	4/3/17
SFC	4-1	Wayfinding Signs - Underhill Avenue connection (onroad connection)-Sharp turn warning sign	4/3/17
SFC	4-1	Wayfinding Signs - Different colors in each jurisdiction	4/3/17
SFC	4-1	Wayfinding Signs - Consistent signage	4/3/17
SFC	4-1	Wayfinding Signs -Simple messages on signs (less words on rules signs)	4/3/17
SFC	4-1	Vandalism-Milepost signs	4/3/17
SFC	4-1	Vandalism- Encourage Ambassador Program (volunteers are eyes and ears for greenway)	4/3/17
SFC	4-1	Vandalism-More police presence (target areas)	4/3/17
SFC	4-1	Speed/Misc-Fast bikes, no warning (bad etiquette)	4/3/17
SFC	4-1	Speed/Misc-Road bikers “Tour de France”	4/3/17
SFC	4-1	Speed/Misc- Too slow “Clydesdales”	4/3/17
SFC	4-1	Speed/Misc- Marketing (peer pressure) to help educate users	4/3/17
SFC	4-1	Speed/Misc- Promote shared use-Share, make noise, pass on the left	4/3/17
SFC	4-1	Speed/Misc- Add centerline (dashed white)	4/3/17
SFC	4-1	Speed/Misc-Yield	4/3/17
SFC	4-1	Speed/Misc- More signage	4/3/17
SFC	4-1	Speed/Misc- Generational differences (ages)	4/3/17
SFC	4-1	Speed/Misc-Winter bathrooms (needed)	4/3/17
SFC	4-1	Speed/Misc-Drones – new issue	4/3/17
SFC	4-1	Speed/Misc- E-bikes (motor) – new issue	4/3/17
SFC	4-1	Speed/Misc- Charging stations needed for wheelchairs	4/3/17
SFC	4-1	Speed/Misc-EMS – ATV ambulance (Richmond, DC – examples)	4/3/17
SFC	4-1	Speed/Misc-Widen greenway (two lanes) in congested areas; separate bike and pedestrian lanes (passing lanes)	4/3/17
SFC	4-1	Speed/Misc- Weekend volunteer patrol	4/3/17
SFC	4-1	Speed/Misc-Pedestrians facing oncoming traffic on roads, but not greenways	4/3/17
SFC	4-1	Speed/Misc- Preventative maintenance (root pruning)	4/3/17
SFC	4-1	Speed/Misc- Ambassadors hand out use/etiquette handouts to users (informational) violating rules	4/3/17
SFC	4-1	Speed/Misc- Rules signs (multiple languages)-consistency across jurisdictions	4/3/17
SFC	4-1	Speed/Misc-Encourage more pedestrian use in parks, as opposed to greenways (more marketing less known/visited trails)	4/3/17
SFC	4-1	Speed/Misc-Right-of-way negotiation packet (help with positive attribute of greenways)	4/3/17
GLFC	1-1	Overall Vision-Continuous, connected to popular destinations	4/6/17
GLFC	1-1	Overall Vision-Like AT – can stop & stay, destinations, things to do	4/6/17
GLFC	1-1	Overall Vision-Parks & schools & other trails	4/6/17
GLFC	1-1	Overall Vision-Emergency boxes – phone service, rural areas	4/6/17
GLFC	1-1	Overall Vision- Connect to AT, Carvins Cove	4/6/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
GLFC	1-1	Overall Vision-Park & Ride connections for commuting	4/6/17
GLFC	1-1	Overall Vision-Falling Creek Reservoir	4/6/17
GLFC	1-1	Major Connections-Falling Creek	4/6/17
GLFC	1-1	Major Connections- Blacksburg	4/6/17
GLFC	1-1	Major Connections- Greenfield	4/6/17
GLFC	1-1	Major Connections- National Forest	4/6/17
GLFC	1-1	Major Connections- New Castle	4/6/17
GLFC	1-1	Major Connections- SML	4/6/17
GLFC	1-1	Major Connections- Lynchburg	4/6/17
GLFC	1-1	Overall Vision-Going well, hope it continue to grow	4/6/17
GLFC	1-1	Overall Vision-Blueway is great	4/6/17
GLFC	1-1	Overall Vision- Lots of room to grow – Botetourt	4/6/17
GLFC	1-1	Overall Vision- More put-in points on blueway	4/6/17
GLFC	1-1	Overall Vision-Greenway so much more than downtown, more than people realize	4/6/17
GLFC	1-1	Overall Vision-Corridor along Parkway	4/6/17
GLFC	1-1	Overall Vision- Incredible over last 5 years	4/6/17
GLFC	2-1	Glenvar– Neighborhood Vision-Connect Hanging Rock Greenway into Hanging Rock Golf Course area	4/6/17
GLFC	2-1	Glenvar– Neighborhood Vision-Connect Hanging Rock Greenway & Carvins Cove, then to Tinker, Roanoke River Greenway	4/6/17
GLFC	2-1	Glenvar– Neighborhood Vision-Coordination with Real Estate Department on delinquent tax parcels	4/6/17
GLFC	2-1	Glenvar– Neighborhood Vision-Connect greenways to blueways when possible	4/6/17
GLFC	4-1	Speed Conflicts-Individual responsibility to be aware of other users	4/6/17
GLFC	4-1	Speed Conflicts-Mindfully sharing the road/trail	4/6/17
GLFC	4-1	Speed Conflicts- Communicate how to share the greenway with the public, correct etiquette	4/6/17
GLFC	4-1	Speed Conflicts-Bike and pedestrians – not aware of one another, bikes overtaking peds.	4/6/17
GLFC	4-1	Speed Conflicts-Not sharing the road/trail	4/6/17
GLFC	4-1	Speed Conflicts-Not being mindful of others on greenway	4/6/17
GLFC	4-1	Speed Conflicts-Leashes extended across greenway, conflict with bikes	4/6/17
GLFC	4-1	Speed Conflicts-Safety of dogs & bikes, dogs excited by passing bikes	4/6/17
GLFC	4-1	Speed Conflicts-Bikes saying “passing” but startling walkers, or bicyclists not calling out	4/6/17
GLFC	4-1	Speed Conflicts-Not determining which side is for each user, which side for each direction	4/6/17
GLFC	4-1	Speed Conflicts- Need centerlines, as in other places	4/6/17
GLFC	4-1	Speed Conflicts- Earbuds	4/6/17
GLFC	4-1	Speed Conflicts- Higher bike speeds allowed at times/for special events	4/6/17
GLFC	4-1	Speed Conflicts-Speed limits for congested areas	4/6/17
GLFC	4-1	Speed Conflicts- Designate “bike only”/”ped only” times (not during peak hours)	4/6/17
GLFC	4-1	Pet conflicts-Extendable leashes	4/6/17
GLFC	4-1	Pet conflicts-Multiple leashed dogs	4/6/17
GLFC	4-1	Pet conflicts- Off-leash dogs	4/6/17
GLFC	4-1	Pet conflicts- Pet waste on greenways	4/6/17
GLFC	4-1	Pet conflicts- Recycled Kroger/grocery bag stations for waste	4/6/17
GLFC	4-1	Pet conflicts- Improper leashing, none, extended	4/6/17
GLFC	4-1	Vandalism-Carvins Cove: portable toilets tipped, money boxes stolen from	4/6/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
GLFC	4-1	Vandalism-Site-specific issues	4/6/17
GLFC	4-1	Vandalism-Provide a contact number to report issues/trash/vandalism	4/6/17
GLFC	4-1	Vandalism- Overflowing trashcans (Colorado St. area)	4/6/17
GLFC	4-1	Vandalism- Security concerns at night/evening, esp in isolated areas	4/6/17
GLFC	4-1	Signage-Etiquette on greenways provided on signs	4/6/17
GLFC	4-1	Signage-Better signage needed at sewage treatment plant greenways	4/6/17
GLFC	4-1	Signage-Provide information at hotels, tourism sites, visitor spaces, etc. Physical information for visitors	4/6/17
GLFC	4-1	Signage- Improve education of greenway users to reduce multi-use conflicts	4/6/17
GLFC	4-1	Signage- Yield signs/instructions	4/6/17
GLFC	4-1	Other-Parking congested (Mill Lane), parking improperly	4/6/17
VFC	1-1	Biking & walking & running	4/6/17
VFC	1-1	Friends	4/6/17
VFC	1-1	Safe place to be	4/6/17
VFC	1-1	Community	4/6/17
VFC	1-1	Connectivity to get from one place to another	4/6/17
VFC	1-1	Separation from traffic	4/6/17
VFC	1-1	Recognition from other communities	4/6/17
VFC	1-2	Priorities-More mileage including Daleville & Green Hill Park	4/6/17
VFC	1-2	Priorities-Walkability	4/6/17
VFC	1-2	Priorities-Increase mileage so there is not so much congestion in certain areas	4/6/17
VFC	1-2	Priorities-419 Corridor – more connectivity with Reimagine 419	4/6/17
VFC	1-2	Priorities-Multi-use connection from Roanoke Mountain to Explore park – Class C - & access to Blue Ridge Parkway	4/6/17
VFC	1-2	Priorities- Spread out human traffic in Wasena area	4/6/17
VFC	1-2	Priorities- Expansion to Back Creek	4/6/17
VFC	1-2	Priorities-Cooperation with regard to mountain bike use – Carvins Cove, Blue Ridge Parkway	4/6/17
VFC	1-1	Unwinding	4/6/17
VFC	1-1	Natural environment in an urban setting	4/6/17
VFC	1-1	Gathering place	4/6/17
VFC	1-1	Retirement occupation	4/6/17
VFC	1-1	Physical well-being	4/6/17
VFC	1-1	Connections to different areas	4/6/17
VFC	1-1	Walking, hiking, biking, tubing	4/6/17
VFC	1-1	Super! – Great community asset – encourages healthy living	4/6/17
VFC	1-2	Priorities- Connecting communities	4/6/17
VFC	1-2	Priorities- Connect to Lynchburg & Christiansburg – Amtrak – New River Trail – AT – National Forest	4/6/17
VFC	1-2	Priorities- Downtown Salem to Roanoke River	4/6/17
VFC	1-2	Priorities- Hinchee – Carvins Cove	4/6/17
VFC	1-2	Priorities- Connect the gaps	4/6/17
VFC	1-2	Priorities- Connect neighborhoods to greenways	4/6/17
VFC	1-2	Priorities- Hanging Rock all the way south to Roanoke River by Mason’s Creek	4/6/17
VFC	1-2	Priorities- Connect Roanoke River to Carvins Cove in multiple locations	4/6/17
VFC	1-2	Priorities- Back Creek	4/6/17
VFC	1-1	Community amenity – resource for residents for recreation and marketing the valley	4/6/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
VFC	1-1	Outside activities so you're not inside	4/6/17
VFC	1-1	Close proximity for getting on greenways	4/6/17
VFC	1-1	Social activities – see neighbors	4/6/17
VFC	1-2	Priorities- Smith Mountain Lake	4/6/17
VFC	1-2	Priorities- Finish connectivity to Explore Park	4/6/17
VFC	1-2	Priorities- Connect to Elliston	4/6/17
VFC	1-2	Priorities- North tail of the Roanoke River to Christiansburg and Blacksburg	4/6/17
VFC	1-2	Priorities- Fill in the gaps in the existing system	4/6/17
VFC	1-2	Priorities- North to Catawba	4/6/17
VFC	2-1	Neighborhood Vision-Hanging Rock Trail extends to cemetery	4/6/17
VFC	2-1	Neighborhood Vision- Wolf Creek Greenway maintenance issues use da lot by school/students (science, cross-country, etc)	4/6/17
VFC	2-1	Neighborhood Vision-Should be paved all the way - safety issue due to a lot of ruts	4/6/17
VFC	2-1	Neighborhood Vision- Leave it as cinder surface	4/6/17
VFC	2-1	Neighborhood Vision- Extend Wolf Creek Greenway to the south from Hardy Rd to Roanoke River	4/6/17
VFC	2-1	Neighborhood Vision-Sewage plant to Explore Park	4/6/17
VFC	2-1	Neighborhood Vision-Mill Mountain to Explore Park for bicyclists	4/6/17
VFC	2-1	Neighborhood Vision- Will Wolf Creek Greenway ever be connected to City of Roanoke	4/6/17
VFC	2-1	Neighborhood Vision-Maintenance issue of the Wolf Creek Greenway	4/6/17
VFC	2-1	Neighborhood Vision-WC Greenway needs to be paved	4/6/17
VFC	2-1	Neighborhood Vision-Different size of gravel on greenway (behind the school W.E. Cundiff)	4/6/17
VFC	2-1	Neighborhood Vision-Glade Creek Greenway to be extended to Vinyard Park, to Parkway	4/6/17
VFC	2-1	Neighborhood Vision-Gladetown Trail to be connected to Niagara Rd	4/6/17
VFC	2-1	Neighborhood Vision- Loop Trail (paved) at Vinyard Park	4/6/17
VFC	2-1	Neighborhood Vision-A lot of ruts on WC Greenway	4/6/17
VFC	2-1	Neighborhood Vision-Gravel needs to be rolled properly at WC Greenway	4/6/17
VFC	2-1	Neighborhood Vision- Focus on connecting existing greenway and trail section where there are gaps	4/6/17
VFC	3-1	Paved Trails	4/6/17
VFC	3-1	Route along Tinker Creek	4/6/17
VFC	3-1	Better birding along creek	4/6/17
VFC	3-1	Aesthetics more pleasing along creek route	4/6/17
VFC	4-1	Speed-Space for bikes	4/6/17
VFC	4-1	Speed-Mt. View – dangerous for pedestrians	4/6/17
VFC	4-1	Speed-Pave Wolf Creek-Drainage Issues, Mud, Roots behind WBHS	4/6/17
VFC	4-1	Speed-Education	4/6/17
VFC	4-1	Speed- Fleet Feet training	4/6/17
VFC	4-1	Speed-Wolf Creek signage on erosion roots-Drainage Problems	4/6/17
VFC	4-1	Speed- Rhyming signs	4/6/17
VFC	4-1	Speed- Wolf Creek erosion near trail-Nets blocking currently	4/6/17
VFC	4-1	Speed-Speed limits/Courtesy signs	4/6/17
VFC	4-1	Speed-Bikes	4/6/17
VFC	4-1	Speed- Greenway Ambassadors/education	4/6/17
VFC	4-1	Speed-Dogs/leashes	4/6/17
VFC	4-1	Speed-Work through bike clubs	4/6/17

Flip Chart Notes from 2017 Community Meetings

Comment Source	Station # - Question #	Recorded Response	Date
VFC	4-1	Speed- Not a raceway	4/6/17
VFC	4-1	Speed-Bikes vs. walkers	4/6/17
VFC	4-1	Speed- Inattention	4/6/17
VFC	4-1	Speed- Safe speeds	4/6/17
VFC	4-1	Speed-Center lines in heavily traveled areas	4/6/17
VFC	4-1	Speed-Directional arrows	4/6/17
VFC	4-1	Speed- Signs to regulate speed	4/6/17
VFC	4-1	Speed- Group walking	4/6/17
VFC	4-1	Pets-Dog conflicts	4/6/17
VFC	4-1	Pets-Maximum leash length in high traffic areas	4/6/17
VFC	4-1	Pets- Increase fee for dog license-Reduced for trained dogs	4/6/17
VFC	4-1	Pets-Trash containers	4/6/17
VFC	4-1	Pets-Ambassadors helping w pet issues	4/6/17
VFC	4-1	Pets- Waste (mentioned 3 times)	4/6/17
VFC	4-1	Pets- Leashes (mentioned 2 times)	4/6/17
VFC	4-1	Pets- Control of children (also)	4/6/17
VFC	4-1	Vandalism-Damage to signs	4/6/17
VFC	4-1	Vandalism-Burned Port a John at Goode Park	4/6/17
VFC	4-1	Vandalism-Overturn Port a Johns	4/6/17
VFC	4-1	Vandalism-Vandalism to signs	4/6/17
VFC	4-1	Vandalism-Community Group enforcement	4/6/17
VFC	4-1	Vandalism-Cameras	4/6/17
VFC	4-1	Signs-Vinton locations confusing	4/6/17
VFC	4-1	Signs-Lick Run in downtown not well marked	4/6/17
VFC	4-1	Signs-Mile Markers	4/6/17
VFC	4-1	Signs-Transition signs where Greenway meets road	4/6/17
VFC	4-1	Signs- Bridges near Ramada Inn in City of Roanoke need maintenance	4/6/17
VFC	4-1	Signs- Wolf Creek-no rule signs, no signs on access at Parkway end, dangerous to cross street	4/6/17
VFC	4-1	Signs-Centerlines	4/6/17
VFC	4-1	Signs-Lick Run signage	4/6/17
VFC	4-1	Signs-Signs at Peters Creek/Aerial Way	4/6/17
VFC	4-1	Signs- Cyclists should use bell	4/6/17
VFC	4-1	Signs- Etiquette signs	4/6/17

Public Input from Individuals via Comment Sheets
Station 1 - Regional Vision

Station #1	Question 1	What is your vision for the regional greenway network?	
Station #1	Question 2	What are the major connections needed within the Roanoke Valley	
Station #1	Question 3	What do you consider to be the top priorities for completion?	
Comment #	Question	Response	Date
G1	1-1	End to end and top to bottom	3/21/2017
G2	1-1	Connectivity wherever possible.	3/21/2017
G3	1-1	Connectivity	3/21/2017
G4	1-1	Integrate Bike Rt. 76 w/ greenways. Continued growth.	3/21/2017
G6	1-1	Continued growth - always room for improvement and additions	3/21/2017
G7	1-1	One interconnected loop to host benefits marathons etc	3/21/2017
G10	1-1	Connection-flow-seamless	3/21/2017
G11	1-1	Consideration for our neighborhood and our privacy and safety. There is so much "green" space that could be used without costing our neighborhoods desires/needs.	3/21/2017
G12	1-1	To connect the region completely to allow for hours and hours of uninterrupted activity with opportunities for overnight lodging.	3/21/2017
G13	1-1	Still learning and forming. Northern Botetourt connection is my major concern.	3/21/2017
G14	1-1	Connecting counties for commuting, recreation	3/21/2017
G15	1-1	Continued improvement of quality of life and viability of communities through ease of access to cultural, recreation & exercise, economic, interaction opportunities and initiatives.	3/21/2017
G16	1-1	Loop entire city/work commuters	3/21/2017
G17	1-1	Inter connected several miles in length; paved pathways	3/21/2017
G18	1-1	No vision	3/21/2017
G19	1-1	Include "carriage road" type trails as at Acadia Nat'l Park; Perhaps upgrade Happy Valley & Brushy Mtn to carriage roads	3/21/2017
G20	1-1	Complete expansion throughout region; complete greenway to Explore Park; More blueway routes	3/21/2017
G21	1-1	Commuter access, not just recreation; more connection	3/21/2017
G22	1-1	Connect urban & rural while encouraging outdoor activity; good greenways with interpretive signs add to sense of community	3/21/2017
M2	1-1	Connectivity	3/27/2017
M3	1-1	Good idea until it interrupts your home, wildlife, historic areas in neighborhood	3/27/2017
M5	1-1	Not to invade the front or backyards of the residences	3/27/2017
M7	1-1	None	3/27/2017
M10	1-1	Expanding connections between restaurants/commercial centers & attractions with residential areas	3/27/2017
F1	1-1	Connect the Roanoke Valley from South to North, East to West	3/30/2017
F3	1-1	Shenandoah woodlands addition	3/30/2017
F5	1-1	Connect as much of the valley with bike/walk trail as possible	3/30/2017
F6	1-1	We love the Greenway system and look forward to its completion. We strongly oppose the development of the woodlands surrounding Shenandoah Life.	3/30/2017
F7	1-1	ADA accessible ramps, curb-cuts, parking, etc.	3/30/2017

Public Input from Individuals via Comment Sheets
Station 1 - Regional Vision

F8	1-1	Dennis Fisher. Whatever you do - devote "20%" of the total effort to marketing/communication, taking advantage of all the tools at our disposal - my interest is in photography.	3/30/2017
F10	1-1	To include a greenway on the Shenandoah Life property	3/30/2017
F11	1-1	Eventually connect to surrounding counties to get to Craig, Blacksburg, Smith Mt. and become a destination in itself for the East Coast	3/30/2017
F12	1-1	To eventually (way down the road) connect to SML.	3/30/2017
F13	1-1	Connected to areas useful for education.	3/30/2017
F14	1-1	Connect the whole valley with greenways	3/30/2017
SC4	1-1	Connectivity for entire valley, not just isolated bits; and linearity	4/3/2017
GV1	1-1	All tied together w/ connections to community parks/schools	4/6/2017
GV2	1-1	Easy access anywhere in the valley	4/6/2017
GV3	1-1	Connect to more natural trails; head towards Blacksburg & Covington & Lynchburg	4/6/2017
GV4	1-1	Continuous; connecting popular destinations & schools	4/6/2017
GV5	1-1	Connect to all possible areas and neighboring greenways.	4/6/2017
V2	1-1	Quantity or Quality? Quality!	4/10/2017
V3	1-1	Continued expansion to encompass a circumference of Floyd to Christiansburg and Buchanan to Roanoke and areas within	4/10/2017
G1	1-2	Connect amenities, like food and drink locations, to trails.	3/21/2017
G3	1-2	Roanoke River Greenway, Hanging Rock from RRG to Cove, Tinker Creek to	3/21/2017
G4	1-2	Botetourt and Buchanan	3/21/2017
G6	1-2	Roanoke + Salem. Explore Park + Water Treatment Plant. National Forest. Carvins Cove.	3/21/2017
G11	1-2	Connections that do not cut through our Fairview neighborhood.	3/21/2017
G12	1-2	RV to Botetourt Co. Roa River completion. Connection to SWVA through Salem	3/21/2017
G13	1-2	Promote Bik 76 to tie northern Botetourt/Buchanan area.	3/21/2017
G14	1-2	Carvins Cove, downtown Rke, AT, BRP, Explore Park	3/21/2017
G15	1-2	Botetourt access along 11, 220	3/21/2017
G16	1-2	Connect Botetourt to Carvin's Cove	3/21/2017
G17	1-2	Complete Salem to Green Hill	3/21/2017
G18	1-2	River greenways	3/21/2017
G19	1-2	Connect to Explore Park; Salem to C'burg/B'burg; maybe New Castle	3/21/2017
G20	1-2	Botetourt to Hollins to downtown	3/21/2017
G21	1-2	Businesses as destinations	3/21/2017
G22	1-2	Bedford: Peaks to D-Day Memorial; Buchanan	3/21/2017
M2	1-2	Roanoke River to Tinker Creek to Hollins to Carvins Cove	3/27/2017
M3	1-2	Connecting with other trails is a plus until it, as stated above, disrupts quality of life in neighborhoods.	3/27/2017
M10	1-2	Tinker Creek greenway as proposed Hollins to RRG	3/27/2017
F1	1-2	Roanoke River Greenway to Murray Run Greenway	3/30/2017
	1-2	Murray Run [arrow] Shenandoah Woodlands [arrow] Fishburne Park	3/30/2017
F4	1-2	Parallel the BRP [Blue Ridge Parkway]	3/30/2017

Public Input from Individuals via Comment Sheets
Station 1 - Regional Vision

	1-2	Grandin Rd w/ Downtown Roanoke-Salem; South Roanoke/Grandin Road; South Roanoke w/ Downtown	3/30/2017
F7	1-2	Have the greenway be attractive to all of the valley, not just some of the valley; i.e. more attractive events and spaces to SW population than SE & NW.	3/30/2017
F10	1-2	The Shenandoah Life property as an extension of the Murray Run. An extension from Roa. River Greenway to Grandin.	3/30/2017
	1-2	Connector to Carvins Cove & Hollins; connector Blue Ridge (460); connector to Montgomery & Craig & Botetourt	3/30/2017
F13	1-2	Malls, schools	3/30/2017
F14	1-2	Roanoke [arrow] Salem, Blacksburg, Floyd; Roanoke needs to be the hub	3/30/2017
SC1	1-2	Garst Mill to Murray Run	4/3/2017
SC4	1-2	Must get through the "missing link" at Walker - #1 priority! Many other destinations as described during discussion	4/3/2017
GV1	1-2	Smith Mountain Lake	4/6/2017
GV2	1-2	Extend Hanging Rock Trail; Rivers Edge area to downtown Roanoke	4/6/2017
GV3	1-2	Carvins Cove; Explore	4/6/2017
GV5	1-2	Falling Creek Reservoir; National Forest	4/6/2017
V2	1-2	Hollins to Carvins Cove; SW county	4/10/2017
V3	1-2	Connection of Explore Park to Roanoke Mountain; Bent Mtn/Back Creek expansion.	4/10/2017
G1	1-3	The "Gap" - Roanoke River Trail. Bike trails. Explore Park connection. Connection.	3/21/2017
G3	1-3	Roanoke River Greenway	3/21/2017
G6	1-3	Continued growth. Roanoke River Greenway to Explore Park. Tinker Creek Greenway to Carvins Cove. Greenway to National Forest.	3/21/2017
G7	1-3	tax dollars spent	3/21/2017
G10	1-3	Wmson - Carvins Cove - Botetourt	3/21/2017
G11	1-3	My top priority is for the Greenway not to cut through my neighborhood. We chose our neighborhood because of privacy and calmness. The Greenway is not what we had in mind.	3/21/2017
G12	1-3	Roanoke River Greenway. Connector to Carvins Cove. Explore Park.	3/21/2017
G13	1-3	A Botetourt connection through Carvin Cove HookUp	3/21/2017
G15	1-3	Definitive route plan	3/21/2017
G17	1-3	Connect trails - Vinton-Roanoke-Botetourt	3/21/2017
G18	1-3	1)set the route; 2) is route reasonable? 3) develop the costs	3/21/2017
G20	1-3	Explore Park	3/21/2017
G21	1-3	Any	3/21/2017
G22	1-3	Connections from town/city centers to other centers and easy access for outlying areas of the valley	3/21/2017
M2	1-3	Tinker Creek in Vinton to Carvins Cove	3/27/2017
M7	1-3	I strongly am against it & feel it is not needed	3/27/2017
M10	1-3	East Rke River to Explore Park	3/27/2017
F1	1-3	Roanoke River Greenway connected; Tinker Creek to Deschutes	3/30/2017

Public Input from Individuals via Comment Sheets
Station 1 - Regional Vision

F2	1-3	Saving the Murray Greenway woodland/watershed area by upgrading priority for looping trail back to Patrick Henry through Shen. Life woods. Carilion needs an alternative - work with us!	3/30/2017
F4	1-3	Roanoke to Explore; Tinker to Carvins; #1 New Castle to Eagle Rock	3/30/2017
	1-3	Bridge Street to Salem	3/30/2017
F10	1-3	Trails on the Shenandoah Life property	3/30/2017
	1-3	Carvins Cove	3/30/2017
F12	1-3	I live in Grandin Court on Guilford Ave., so right now, I feel top priority needs to be saving Murray Run & the surrounding community from being ruined by the development of this 225 apartment complex. We need your support!	3/30/2017
F13	1-3	To complete routes around schools first.	3/30/2017
SC1	1-3	2, 24, 33, 30. #1 Mudlick; Barnhardt Creek; Long Ridge Trail; Poor Mountain	4/3/2017
SC2	1-3	Stating we are here to propose a vision for trails instead of listening to opposition.	4/3/2017
SC4	1-3	Must get through the "missing link" at Walker - #1 priority	4/3/2017
GV2	1-3	Woodbridge to Green Hill Park; Rotary Park going east	4/6/2017
GV3	1-3	Roanoke River; Tinker Creek; Masons Cove full	4/6/2017
GV5	1-3	#1 Roanoke River Greenway; #2 Roanoke River Blueway	4/6/2017
V1	1-3	Hollins-Tinker Creek-Read Mountain connection	4/10/2017
V2	1-3	Focus on Roanoke connectors	4/10/2017

Public Input from Individuals via Comment Sheets
Station 2: Locality Priorities and Neighborhood Connections

Station #2	Question 1	What are the destinations that people would like to access?	
Station #2	Question 2	Which of those destinations need to be linked together with the greenway network?	
Station #2	Question 3	Do you have a preferred route(s) to link these destinations?	
Comment #	Question	Response	Date
G1	2-1	Greenfield Ed Center, Botetourt Town Center, Read Mt., Carvins Cove (boating)	3/21/2017
G2	2-1	Buchanan! Connect AT to Buchanan safely - Rt. 43 is a connector now.	3/21/2017
G4	2-1	Buchanan River (James)	3/21/2017
G6	2-1	Link City of Roanoke + Roanoke County to Botetourt	3/21/2017
G8	2-1	Develop the Craig Rail Trail. Develop a Craig Creek Blueway	3/21/2017
G9	2-1	Develop the Craig Rail Trail	3/21/2017
G11	2-1	Appalachian Trail	3/21/2017
G12	2-1	Daleville to Cavins Cove - RKE. Eagle Rock to Craig Co.-Rail to Trail	3/21/2017
G13	2-1	James River Heritage Trail/Roaring Run	3/21/2017
G14	2-1	Fincastle, Troutville, Daleville, HMA, Patterson Mtn	3/21/2017
G15	2-1	Daleville Town Center. Fincastle, Buchanan, Lewis/Clarke, AT, Sports Complex	3/21/2017
G16	2-1	Carvin's Cove	3/21/2017
G17	2-1	#1 Reconfigure, build trails in Greenfield first - great place	3/21/2017
G20	2-1	Daleville TC; Exit 150 development; Kroger; Fincastle, Buchanan,	3/21/2017
G21	2-1	Botetourt Commoms; LBHS, Greenfield, Troutville Park	3/21/2017
G22	2-1	Buchanan, Camp Bethel, Read Mt. (trails); Greenfield, Fincastle, Carvins Cove	3/21/2017
M1	2-1	Greenfield Park, Blue Ridge Pkwy, Roaring Run	3/27/2017
M2	2-1	Don't care	3/27/2017
M5	2-1	Carvins Cove	3/27/2017
M7	2-1	Town Center	3/27/2017
M10	2-1	Daleville Town Center & more Carvins Cove connections	3/27/2017
M11	2-1	Carvins Cove; Appalachian Trail access @ Buchanan and @ Fincastle	3/27/2017
F1	2-1	Connection from Roanoke River Greenway to Murray Run; possible Roanoke River Greenway to Towers Mall via old rail bed by Ice House.	3/30/2017
F2	2-1	People want beautiful rivers, creeks and woodlands. Those are destinations! Don't break up parks and greenways with tacky development!	3/30/2017
F3	2-1	Garst Mill Park; Happy Hollow Gardens	3/30/2017
F4	2-1	Tinker to Carvins; Carvins; Explore; Salem. North East; North West	3/30/2017
F5	2-1	Salem, Towers; Grandin Court/Raleigh Court	3/30/2017
F7	2-1	Libraries, parks, event centers & hubs	3/30/2017
F10	2-1	The Shenandoah Life property. More trails	3/30/2017
F11	2-1	Carvins Cove; Downtown; Blue Ridge Pkwy	3/30/2017
F13	2-1	Nature, schools	3/30/2017
SC1	2-1	Hidden Valley HS	4/3/2017

Public Input from Individuals via Comment Sheets
Station 2: Locality Priorities and Neighborhood Connections

SC2	2-1	How are you getting the land for this trail & all of them?	4/3/2017
SC3	2-1	Tanglewood Mall from Pebble Creek and Honeywood Apts.	4/3/2017
SC4	2-1	Hidden Valley area; Tanglewood Mall area	4/3/2017
GV2	2-1	Green Hill Park from Woodbridge	4/6/2017
GV3	2-1	311 Park n Ride to Mason Creek & Roanoke River Greenway & to Carvins Cove from Hanging Rock	4/6/2017
GV4	2-1	Green Hill Park	4/6/2017
GV5	2-1	AT from Carvins Cove boat launch	4/6/2017
V2	2-1	Back Creek to all points	4/10/2017
G1	2-2	Explore Park to Vinton Town; Green Hill Ed Center to Daleville Town Center	3/21/2017
G2	2-2	Buchanan! Connect AT to Buchanan safely - Rt. 43 is a connector now.	3/21/2017
G4	2-2	Buch. Town Park, Acadia Jennings Creek. Connect "little" towns	3/21/2017
G6	2-2	be able to access as many areas as possible without driving a car	3/21/2017
G11	2-2	Carvins Cove - Appalachian Trail	3/21/2017
G12	2-2	Daleville to Cavins Cove - RKE. Eagle Rock to Craig Co.-Rail to Trail	3/21/2017
G13	2-2	Over time both, plus -	3/21/2017
G17	2-2	Lots of land; Greenfield	3/21/2017
G20	2-2	Hollins to Daleville	3/21/2017
G21	2-2	All the above	3/21/2017
M2	2-2	Don't care	3/27/2017
M3	2-2	Please don't put a bike trail on Williamson - we need 4 lanes. When 581 is closed most travelers going north go up Williamson. It doesn't need to be 2 lanes & a bike lane - keep it 4 lanes.	3/27/2017
M7	2-2	To complete this without affecting homeowners use Plantation Rd.	3/27/2017
M10	2-2	AT/Carvins Cove/Ballast Point	3/27/2017
M11	2-2	Eagle Rock/Buchanan/James River/ Rt 220	3/27/2017
F1	2-2	see above	3/30/2017
F3	2-2	Don't know	3/30/2017
F4	2-2	All the above	3/30/2017
F5	2-2	Towers - South Roanoke - Grandin Court	3/30/2017
F11	2-2	All!	3/30/2017
F13	2-2	High schools	3/30/2017
SC1	2-2	HVHS to Mudlick Creek Greenway	4/3/2017
SC2	2-2	See comment tab	4/3/2017
GV3	2-2	Cove-Havens-Explore-AT-Downtown-Park n Rides	4/6/2017
GV4	2-2	Green Hill Park	4/6/2017
GV5	2-2	Develop existing trail/old road bed to AT; connect Carvins Cove Greenway to AT	4/6/2017
V2	2-2	Back Creek	4/10/2017
G1	2-3	Do you?	3/21/2017
G2	2-3	Along rivers where possible	3/21/2017
G11	2-3	Routes that do not cut through or directly border the Orchard Lake/Fairview neighborhood.	3/21/2017
G12	2-3	Avoid subdivisions if possible, consider expanding roads. FIOS routes	3/21/2017

Public Input from Individuals via Comment Sheets
Station 2: Locality Priorities and Neighborhood Connections

G13	2-3	Promote US Bike Route 76 to initially tie northern Botetourt to Grnway-	3/21/2017
G15	2-3	GSC to Fincastle to GEL to Daleville to Valley tie. Buchananc to	3/21/2017
G21	2-3	Toutville to AT to Daleville to Carvin Cove.	3/21/2017
M2	2-3	No	3/27/2017
M4	2-3	Don't care	3/27/2017
M7	2-3	Not Tinker Creek route	3/27/2017
M11	2-3	No	3/27/2017
F1	2-3	Along James River	3/27/2017
F3	2-3	Roanoke River to Murray Run is difficult but Wonju to Colonial with	3/30/2017
F5	2-3	addition of bike lane on Wonju?	3/30/2017
F11	2-3	No	3/30/2017
F13	2-3	Round about on Wiley Drive Greenway	3/30/2017
SC1	2-3	Along waterways where possible	3/30/2017
SC3	2-3	n/a	3/30/2017
GV3	2-3	Mudlick Creek?	4/3/2017
GV5	2-3	Need Ogden Rd. GW and Murray Run GW to county line	4/3/2017
V2	2-3	Off road	4/6/2017
	2-3	Develop existing trail/old road bed to AT	4/6/2017
	2-3	Back Creek	4/10/2017

Public Input from Individuals via Comment Sheets
Station 3: Tinker Creek Greenway

Station #3	Question	Response	Date
Station #3	Question 1	Do you think Tinker Creek Greenway is an important connection between Botetourt and Roanoke? Why or why not?	
Station #3	Question 2	What do you think the most important use would be if the greenway is developed . . . Transportation? Recreation? Both? How would you use	
Station #3	Question 3	Do you have comments about specific segments or alternatives?	
Comment #	Question	Response	Date
G1	3-1	Yes, of course. (see next answer)	3/21/2017
G5	3-1	Railroad and sewer right-aways used? Definitely important for a multitude of reasons.	3/21/2017
G6	3-1	Yes - access Botetourt and Carvins Cove without driving	3/21/2017
G11	3-1	Yes, connecting <u>nature</u> from Roanoke County to the <u>beauty</u> of Botetourt. Following Tinker Creek.	3/21/2017
G12	3-1	Yes, connection is key for residents and visitors	3/21/2017
G13	3-1	Yes - look to be shortest most doable . Beginning -	3/21/2017
G14	3-1	It's the natural connection but much more access to Carvins Cove (permits issues, not parking in fee'd lots)	3/21/2017
G15	3-1	Essential link	3/21/2017
G18	3-1	Not needed; would only be beneficial to runners or cyclists	3/21/2017
G20	3-1	Yes - just a great future connection	3/21/2017
G21	3-1	Commuting; Yes, connects us to the city	3/21/2017
G22	3-1	Yes, to increase easy access to outdoor recreation and increase alternative transportation options	3/21/2017
M1	3-1	Yes, but I think it's more important to connect it back to the Vinton section and the Roanoke River Greenway before	3/27/2017
M2	3-1	Yes. Needed to connect NW ROA to SE ROA	3/27/2017
M4	3-1	Sure, connecting greenways are a good idea generally. I don't think Tinker Creek Greenway is necessarily the best solution. Why call it "Tinker Creek" How about "Plantation Road". "Plantation Road Greenway" has a nice ring to it.	3/27/2017
M5	3-1	Strongly against the development by houses & neighborhoods - specifically yards	3/27/2017
M6	3-1	Use Plantation Rd. Do not use peoples' yards	3/27/2017
M7	3-1	As long as it does not go through private yards and yards	3/27/2017
M8	3-1	No. Let them do there own thing.	3/27/2017
M9	3-1	Yes. Very important to bring Hollins College into the fold	3/27/2017
M10	3-1	Yes - connections to Hollins U and Daleville Town Center	3/27/2017
F1	3-1	Yes, Further enables the overall Greenway system to connect with Botetourt.	3/30/2017
F4	3-1	Yes.	3/30/2017
F5	3-1	Yes - More length makes for better riding/running	3/30/2017
F11	3-1	Yes it is. Both can meet at Carvins Cove, which is a wonderful outdoor destination. Eventually it can also connect to Craig & then Blacksburg.	3/30/2017
F13	3-1	Yes, as it further connects the valley.	3/30/2017
SC1	3-1	NO Tinker Station at South County Library	4/3/2017
SC5	3-1	Lives near Lamarre on Brookview.	4/3/2017
V2	3-1	Sure, once finish existing sections. See * [3-3]	4/10/2017

Public Input from Individuals via Comment Sheets
Station 3: Tinker Creek Greenway

G1	3-2	Both. I walk and ride a bike often. I'd like to see it used to get from place to place.	3/21/2017
G5	3-2	I've lived in Botetourt for 22 years, fearful/unable to ride my bike much at all due to speeding traffic on curvy roads. I would <u>love</u> to have a safe place to ride!!	3/21/2017
G6	3-2	Transportation and Recreation	3/21/2017
G11	3-2	Recreation. I appreciate the purpose, but do not use them.	3/21/2017
G12	3-2	Recreation, potential transportation if housing options improve	3/21/2017
G13	3-2	My concept of transportation does not blend with recreation. Recreation.	3/21/2017
G14	3-2	Recreation. The state of the environment and location (trail areas) would only make sense to be for recreation. It's also a long mileage commute to get downtown	3/21/2017
G15	3-2	Recreation	3/21/2017
G16	3-2	Too expensive	3/21/2017
G21	3-2	All: run, bike, shop, etc	3/21/2017
G22	3-2	Mostly recreation to start. Over time I can imagine that we will increase for transportation - to work, to shop, to eat (or other "recreation").	3/21/2017
M1	3-2	I would probably mostly use it for recreation, but I think it's important to have safe, non-motorized transportation access.	3/27/2017
M2	3-2	Rec.	3/27/2017
M4	3-2	Recreation; exercise	3/27/2017
M5	3-2	Recreation. I would not like to walk in yards; could use gaps to avoid private residences. *Please consider Plantation Rd. [arrow] better for economic development.	3/27/2017
M8	3-2	Recreation. Not interested in greenways.	3/27/2017
M9	3-2	Recreation	3/27/2017
M10	3-2	Bike riding - connections to brewery	3/27/2017
F1	3-2	Biking; running	3/30/2017
F2	3-2	Recreation.	3/30/2017
F5	3-2	Recreation	3/30/2017
F11	3-2	60% recreation; 40% trans.	3/30/2017
F13	3-2	Transport	3/30/2017
SC5	3-2	She wants greenway in her backyard so she can walk to Williamson Road and businesses. She wants bus service on Williamson, for more than Hollins students. Her neighborhood is getting older and people need the option of walking instead of driving. One of her neighbors went to Mountain View meeting and told her there was hope for getting a greenway on Lamarre.	4/3/2017
V2	3-2	Mostly recreation; casual transportation only	4/10/2017
G1	3-3	Tinke Creek is a natural route between Roanoke City and Daleville. I'd like to see it developed as a blueway. Stay away from busy road - go scenic.	3/21/2017
G5	3-3	I've marked them w/ green dots. :)	3/21/2017
G11	3-3	Not through Orchard Lake/Fairview. Great alternative is along Tinker Creek. Expand into Troutville area.	3/21/2017
G12	3-3	Consider Tinker Creek as route. Partner with Roanoke Cement.	3/21/2017

Public Input from Individuals via Comment Sheets
Station 3: Tinker Creek Greenway

G15	3-3	Too early.	3/21/2017
G21	3-3	No	3/21/2017
G22	3-3	Not about specific segments, but regarding composition -- to the extent possible stick with the softest feasible surface. For instance, some city segments get such high use that a hard road-like surface is needed but I find it undesirable. Whenever use allows, try to use less firm surface.	3/21/2017
M1	3-3	Botetourt [arrow] I prefer the route that follows 220 only because I don't want to see a multiuse trail crossing the AT at Tinker Creek.	3/27/2017
M2	3-3	Finish Bridge St. Connection to Salem	3/27/2017
M4	3-3	I do not want a greenway along Tinker Creek. I own property on Tinker Creek and do not want a public path in my back yard.	3/27/2017
M5	3-3	Not in favor of using the front or back yards of the neighborhood. Not comfortable walking in other people's yards. Privacy and safety would be compromised	3/27/2017
M7	3-3	I think the route should stay on Plantation for certain lengths	3/27/2017
M8	3-3	I DO NOT want this to come by or on my property. I bought the property because of the privacy!	3/27/2017
M9	3-3	No	3/27/2017
F5	3-3	The whole greenway needs a center line and directions to all traffic to please keep to the right.	3/30/2017
V2	3-3	*Would really like a connection in SW County - Back Creek area	4/10/2017

Public Input from Individuals via Comment Sheets
Station 4 - Operations and Management Challenges

Station #4	Question 1	Greenway users report the following management issues: bicycles going too fast; pet problems (leashes, pet waste); vandalism; and lack of signage and available information. What solutions would you propose to these operations and management issues?	
Station #4	Question 2	Are there other issues that need to be addressed?	
Station #4	Question 3	Other Comments?	
Comment #	Question	Response	Date
G1	4-1	Volunteers dedicated to maintain/observe sections of trail. Speed limits for bikes. Perhaps add a center line.	3/21/2017
G5	4-1	Curvy greenway could slow down bikes.	3/21/2017
G6	4-1	Painted center line in heaviest use areas. Signage with rule reminders like the "burma shave" signs. Outlaw retractable leashes	3/21/2017
G11	4-1	Congestion, signage. More Greenways that connect to existing Greenway. Trailheads.	3/21/2017
G12	4-1	signage	3/21/2017
G13	4-1	Education on sharing. Add "Carry out any thing you bring in."	3/21/2017
G14	4-1	The City had funny quips/rhymes on signs to teach greenway manners/behaviors. PSAs on TV and radio	3/21/2017
G15	4-1	Knowledge. Education. Develop "weism" vs "meism"	3/21/2017
G21	4-1	Paint a line to divide; more signage	3/21/2017
G22	4-1	Center line for heavier use areas; dividers sprinkled along paths are helpful in heavy use areas	3/21/2017
F1	4-1	Limit length of dog leashes to 5 ft or less - no retractable; center line in busy areas - Roanoke River Greenway	3/30/2017
F2	4-1	Center lines on paved paths. Connector roads should have green paint for recognition/navigation. Garbage cans @ all parking lots & in between. Signage teaching about feces in water supply.	3/30/2017
F3	4-1	Bicycle speed! Dangerous	3/30/2017
F5	4-1	See above [the whole greenway needs a center line and directions to all traffic to please keep to the right] and some extra warnings to go slowly through curves.	3/30/2017
F7	4-1	Signage or mapping on App or Cpu of most accessible locations. Map greenway routes by accessibility.	3/30/2017
F10	4-1	- increase maps & signage for mileage	3/30/2017
F13	4-1	Better education of rules	3/30/2017
SC1	4-1	Bikers need to signal when they are about to pass someone	4/3/2017
SC2	4-1	see Other Comments tab	4/3/2017
SC4	4-1	Center line probably most important	4/3/2017
GV1	4-1	More organizations like Rotary/Kiwanis manage sections	4/6/2017
GV2	4-1	General rules of the road; Etiquette for everyone	4/6/2017
GV3	4-1	More outreach to get people to share and get along	4/6/2017
GV4	4-1	Open and easily visible; proper lighting; stations w/ trash bags & cans for trash & pet waste	4/6/2017
V2	4-1	Greater community education & partnerships to to leaders of key users, i.e. bike stores, civic organizations, etc	4/10/2017

Public Input from Individuals via Comment Sheets
Station 4 - Operations and Management Challenges

G1	4-2	Repairs after rains. Repairs to fences along side of trail. More historic signage, like along Hanging Rock Trail.	3/21/2017
G2	4-2	Safety	3/21/2017
G3	4-2	Concerns of local Botetourt residents of level of support and more information of greenway users and what to expect	3/21/2017
G5	4-2	"possible wildlife" signs? (Der, bear, turkeys, foxs,& vultures!)	3/21/2017
G6	4-2	Signage + location awareness when you need to call 911	3/21/2017
G11	4-2	Not inviting strangers into a private neighborhood. The shortest - cheapest route is not always the best. Crowds, pollution, crime, etc do not belong in a secluded neighborhood.	3/21/2017
G15	4-2	Maintenance, all aspects. Accessability. Event management/trail management. Use limits as to what an area or segment can support.	3/21/2017
G16	4-2	Seasonal signs	3/21/2017
G18	4-2	Greenways in entire valley that are connected seems more of a "feel good" project rather than providing immediate benefits/returns	3/21/2017
G22	4-2	Signage about area features, businesses, history; sign reminders for pet waste, dogs on leash ,and be alert for wildlife	3/21/2017
M2	4-2	Notice of Greenway events. Several times I've had to leave the Greenway & th Cove due to unannounced foot races.	3/27/2017
F2	4-2	Kudzu & invasives ruining views of river. Have a number of people can text problems & pix of issues. Simpler, more frequent signage w/ reminder rules.	3/30/2017
F5	4-2	Remind folks to keep dogs on tight leash	3/30/2017
F12	4-2	Saving the Woodlands of Murray Run from being ruined from this horrible development of 225 apartments. Please help us!	3/30/2017
F13	4-2	Lack of exposure to younger audiences.	3/30/2017
SC4	4-2	Flooding [arrow] damage	4/3/2017
GV2	4-2	Long leashes; lack of signage at Water Treatment Plant to get to Tinker Creek Greenway	4/6/2017
GV3	4-2	More places to park; distributed parking	4/6/2017
GV4	4-2	Properly maintaining grass and trees	4/6/2017
V2	4-2	Greater community education and partnerships to to leaders of key users, i.e. bike stores, civic organizations, etc	4/10/2017
G1	4-3	More cooperation between localities. Dedicated funding, such as sponsorships. Consider solar lighting along the trail.	3/21/2017
G11	4-3	All of the management issues contribut to why our neighborhood does not desire the greenway through or bordering.	3/21/2017
G13	4-3	You have people using the facility. The more using will increase troubling situations. Keep rules simple and available!	3/21/2017
G15	4-3	egistration of users.	3/21/2017
G16	4-3	Phone app	3/21/2017
G21	4-3	More signage	3/21/2017
G22	4-3	Install dog waste receptacles at trail heads, parking areas and picnic and group gathering areas.	3/21/2017
F1	4-3	Interactive maps for the community with mileage, parking, addresses etc.	3/30/2017
F2	4-3	Help us save the Shen Life Woodlands!	3/30/2017

Public Input from Individuals via Comment Sheets
Station 4 - Operations and Management Challenges

F3	4-3	Gorgeous amenity! Great for quality of life!	3/30/2017
F5	4-3	Thanks for all volunteers and paid folks work!	3/30/2017
F11	4-3	Thank you!	3/30/2017
F12	4-3	Thank you for your well done presentation tonight!	3/30/2017
E1	4-3	I'm glad there is a project underway to replace the mile markers along the Roanoke River Greenway (an Eagle Scout project, I believe?). Is there any way possible to add the mile markers to the interactive map on the site? It's a nice map as it is, but the mile markers (or at least a few of them to let you see distance start to finish of a section, for example) would make it even better.	4/3/2017
E2	4-3	If the map can be enhanced, it also might be nice to add symbols for restrooms (either permanent or porta-potties, doesn't really matter) and water fountains. Those new blue fountains the city just installed are NICE! A place to fill your water bottle, that made my day when I discovered that.	4/3/2017

Public Input from Individuals via Comment Sheets and Email
Other Comments

Station #4	Question 3	Other Comments?	
Comment #	Question	Response	Date
G1	4-3	More cooperation between localities. Dedicated funding, such as sponsorships. Consider solar lighting along the trail.	3/21/2017
G11	4-3	We in Faiview and Orchard Lake appreciate you hearing our concerns. Our hopes now is that futue planning dos not impact our peaceful family neighborhood. Again, thank you. Feel free to call me at 312-2376 or email at jmhdeeds@gmail.com	3/21/2017
G15	3-3	Other Overall: Connectivity is essential to sustainability and viable survival (economic development as impacted through accessibility)	3/21/2017
G22	3-3	Not about specific segments, but regarding composition -- to the extent possible stick with the softest feasible surface. For instance, some city segments get such high use that a hard road-like surface is needed but I find it undesirable. Whoever use allows, try to use less firm surface.	3/21/2017
F9		Why did you put in exercise equipment by Addison Middle School that isn't appropriate for that age group?	3/30/2017
SC2		This is a cost expense to the county, not needed. You gave up hub to Charlotte - business have left and more leaving. We need smaller government- cut jobs. I hereby oppose the Greenway. There is the concerns for liability, security, landowners' land rights violated. The type of crimes that could happen on the greenway. Taxes paid on land you are taking lost. Roanoke is a dying town since NS left. Why a greenway? Pets, crime, crime, etc. Ask do people in Roanoke County want more gov't control. Ask Roanoke County by election to vote to allow further trails. We need smaller gov't not projects to increase gov't. Do those using trails own land and have they donated any land for trails? I see at the meeting they shut up those speaking against the trails. I am a concerned landowner opposed to greenways. I am opposed for the following reasons. My concern is liability, security, eminent domain, land rights, loss of taxes on land taken, who is allowed on trails including felons, rapists, murderers, sex offenders; the cost to Roanoke Co. to maintain these trails. Stores and jobs are leaving the valley.	4/3/2017
SC5		Brooke Stephens: Tinker Creek Greenway. She lives near LaMarre Dr. Wants a greenway in her backyard to she can walk to Williamson Rd. and businesses. She wants bus service on Willaimson Rd. Her neighborhood is getting older and people need option of walking instead of driving. One of her neighbors went to Mountain View meeting and told her their was hope of getting a GW on LaMarre.	4/3/2017
GV1		Spring Hollow needs to be considered recreational resource like Carvins Cove	4/6/2017
GV3		Keep the trails coming	4/6/2017

Public Input from Individuals via Comment Sheets and Email
Other Comments

GV6		Safety issues? Drone surveillance?	4/6/2017
E3	4-2	Greenways are for all generations. Senior Citizens make up a large percentage of the population in the Roanoke Valley. "Old People" and other persons using mechanized wheeled chairs and would like to get outside. Motorized wheelchairs are permitted on Greenways. Many of them are battery operated. Some batteries only last for 15 miles. Please plan to install battery recharging outlets at strategic locations along the Greenways. Inclusiveness of ALL people is important on public projects. I look forward to hearing about where the locations might be installed.	

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Appendix D Public Response to Draft 2018 Plan

Public Responses to Draft 2018 Greenway Plan
April 19 - May 4, 2018

B = Comment Sheet Response; O = On-line Response or Email; FC = Flip Chart Notes at April 19, 2018 Meeting		
ID #	Topic	Comments
B11	Greenway network	I have not read the whole plan, but I am very supportive of continuing construction of greenways & connections. The greenways are one of the valley's best assets!
B14	Greenway network	Safe bike lane on 460 out. More work on Reed Mt. Greenway
B17	Greenway network	Go ahead and build some of the easier segments in outlying areas to get people interested in a county wide network.
B19	Greenway network	Please connect to Green Hill Park from Roanoke River Greenway. Also, continue the section directly behind GE to Hanging Rock Trail and the other direction to the Salem Greenway.
B2	Greenway network	Encourage the building of as many greenways/blueways as possible to get people outdoors. Great job so far!
B22	Greenway network	Complete the Roanoke River Greenway soon! Get Salem moving on its sections of the RR Greenway. Make the connection along the Sewage Plant easier to navigate. Educate bikers to slow down on the greenway where there are lots of walkers.
B23	Greenway network	And the sooner the better! Better connectivity from the greenways to the trails-such as from Roanoke River greenway to the Mill Mtn. trails.
B24	Greenway network	Let's just complete the thing!
B27	Greenway network	The plan looks great! Focus on completing Roanoke River Greenway! Also connectivity to neighborhoods & side streets.
B3	Greenway network	Center lines in busy sections, ebikes on paved paths only, support tinker greenway connectivity, support greenway to greenhill park & explore park, increased tax revenue to Parks & Rec to support Greenways & trails.
B30	Greenway network	Complete Roanoke River section to Carvins Cove ASAP. Thanks!
B31	Greenway network	Not much planned for South Roanoke County. Only one trail (Back Creek/Mudlick) that is only conceptual at this point. Let's see the design and funding for SW county greenways soon! Every other portion of the valley is seeing action.
B32	Greenway network	Very high on greenways, bikeways & blueways. I don't know enough facts to comment. Thanks for your work.
B36	Greenway network	Just anxious to see it completed west to meet with the Salem portion. Landscape plantings, trees, shrubs and art work add to the overall trail experience.
B38	Greenway network	The overall goal is fantastic. The Greenway system is a fabulous opportunity to benefit citizens & businesses and should be marketed as such. Without the benefit of construction/maintenance costs, we cannot accurately compare the various proposals. In general, I prefer that the greenway be off-road and separate from alternate transportation modes.
B38	Greenway network	Reach out to neighborhood associations to include their input; once involved, they might provoke more visibility and input. Work with transportation departments to link greenways with street bike paths and sidewalks, expanding the reach of both. Include the city bus system, including expanding its service area, as bikes are welcome on the buses. Solicit businesses that might be bike friendly (offering incentives to employees for biking) as well as encouraging customers utilizing the system. In tandem (?) with Transportation, develop paths that connect citizens with their everyday tasks as well as entertainment possibilities, again utilizing city buses to augment and expand the reach of the system & would eliminate some for the "drive to the park" crowd.
B39	Greenway network	I like the idea of providing more connectivity with neighborhoods very specifically, I would like to see a connector from 2nd Street over to 10th Street along Cedar Run, which is currently culverted under Coca-Cola, which is considering daylighting (?) along the north and east sides of its property- a good connector with their NW neighborhood and downtown.
B40	Greenway network	Use the greenway almost daily-I feel it is one of the best things the Roanoke Valley has going for it. I hope it will continue to grow and the various governments will continue to work together and support this worthwhile project. This is one of the top crown jewels in our area. Thanks to everyone for their hard work.
B44	Greenway network	I am a bicyclist for transportation. I will not be able to make it to the public information meeting. Please include this comments as part of the official record. Thank you.

Public Responses to Draft 2018 Greenway Plan
April 19 - May 4, 2018

ID #	Topic	Comments
B44	Greenway network	The Roanoke River Greenway parking lot along Bennington Road, SE needs to be physically connected with the Tinker Creek greenway by a dedicated "off-street" multi-use trail. The property behind Rossi Industries is perfect right-of-way near Underhill Road to make this possible. The County needs to act now and get it done before the land transfers to another person/corporation.
B45	Greenway network	I am anxiously awaiting the Daleville greenway!! You gals and guys are doing a great job!!!
B46	Greenway network	Hope there is a plan to link Fishburn to Wasena...much needed for all of us across Brandon and Brambleton!
B47	Greenway network	I just wanted to take a moment and commend all of you on the great work you've done on the new plan! I was reading through it today and it's amazing how much work everyone has done since last spring! I'm proud to have been a part of the process and I hope great things continue to come down the way for greenways in the Roanoke Valley. Like always, if there is anything I can do from afar don't hesitate to ask!
B5	Greenway network	Connect greenway to Parkway at Mountain View Rd, Garden City and Starkey. Finish Roanoke River Greenway to Botetourt County.
FC-2	Greenway network	Rails to Trails to connect to Franklin County and on to Martinsville
FC-2	Greenway network	Connect to Greenhill Park (Priority)
FC-2	Greenway network	Bike lane Loch Haven Drive → Plantation Exit 146
FC-2	Greenway network	Need to replace segment Bennington to Golden Park with lower grade greenway
FC-2	Greenway network	Need parking at Peters Creek & Brandon
FC-2	Greenway network	2 nd to 10 th Cedar Run. Coordinate with Coca Cola
FC-2	Greenway network	Roanoke River Greenway to Explore Park
FC-2	Greenway network	Need connection with Parkway at Starkey and Garden City
O1	Greenway Network	I think you should ensure a safe path between the Roanoke River Greenway and the Salem VA Medical Center. I think it would encourage employees an alternative way to commute as well as allowing veterans a safe way to find their way to the VAMC. Also, the section of railway that was donated to the Transportation Museum should be re-gifted to the city for a rails to trail section (from Bridge St to Franklin Rd) that could allow a high speed lane for bikers and commuters. To have a diesel locomotive cut across our green spaces is unthinkable and downright wrong.
O11	Greenway Network	I would like to see the mudlick creek greenway expanded ASAP. Specifically the area from Hidden Valley to Cresthill. I believe this area would be used by the many households specifically with children in the area. The off-road greenway would also provide an avenue for recreation in the area and safer passage for cyclists and runners who would prefer to not run/ bike on 221. Thank you. We love the GREENWAYS!

Public Responses to Draft 2018 Greenway Plan
April 19 - May 4, 2018

ID #	Topic	Comments
O12	Greenway Network	<p>I'd recommend reserving the term "Greenway" for paved, separated, wide paths that connect (or will connect) to the entire system. Murray Run "Greenway" and Mill Mountain "Greenway" is misleading - Murray Run is single track trail and Mill Mountain is on-road, not even a bike lane. I get that it is all part of the bigger greenway plan and greenway picture. It's just super confusing to someone new to Roanoke to think you can get from Brambleton to Grandin on this "greenway" and then - surprise! it's actually a mountain bike trail and you weren't riding a mountain bike so you're walking it. A significant problem with the Mill Mountain "Greenway" is getting through Elmwood Park. It has never been clear to me how this is supposed to be done. I end up just going on Williamson Rd up to the stop light. That's fine, although it would be better if the parking lane was a bike lane especially when traffic is high volume which it often is, but the map still looks like you wind your way through the park and when I'm in the park I'm just not seeing what path I'm supposed to take. Do I go up and around the amphitheater? That's steep and awkward. Lick Run Greenway sort of serves the under-served, but it doesn't connect to those neighborhoods as much as you'd think because it's on the other side of the creek so you can only get on it at 10th & 19th (Norris). The 10th St project improves matters a lot. Something should be on 19th St to make it more clear that here is a good connection to the Lick Run Greenway and a straight shot to Valley View. I don't think 19th gets a huge amount of traffic so I'd think it would be relatively inexpensive with paint & signs. I'm glad to see the recommendation to move the on-street Underhill section of the Roanoke River Greenway to off-street. That is a huge barrier! Figure 4-17: I love this map that shows the progress. But I believe the latest RSTP funds are for the "red" (unfunded) sections so it is now 100% funded, in construction, or completed from Explore to Green Hill, right? Seems like we should celebrate that! Roanoke River Greenway on-street connection to 24th St & Melrose Ave: Goodwill is just 1 mile from the Roanoke River Greenway but it might be 10 miles because the only connection is through Shaffer's Crossing. Establishing a safe and pleasant path, even if it is on-street, could be accomplished with murals and narrower lanes through Shaffer's Crossing (lanes are VERY narrow through the north, oldest tunnel but then widen out and traffic speeds up as soon as the lanes widen).</p>
O12	Greenway Network	<p>Section 5.2.3, City of Roanoke's sidewalk construction program is first-come-first-served and has no prioritization for transit routes, Greenway connections, multimodal centers/districts, filling gaps or contributing to the overall network. I wish the Greenway Plan would actively recommend that the City prioritize sidewalk construction some other way than in order of requests. Maybe not for this current plan but consider debating & coming up with a consistent message regarding ebikes. It will take a lengthy debate because I know some of your members are dead set against ebikes and seem to refuse to consider any other position. Simply banning them is just not going to work. Too many people using them and it's not fair to ban them all because some people could go too fast. Not all ebikes are the same. Speed limits seems much more reasonable. So long as they are electric motors - not gas - and some people need that assist. Maybe I could get up Underhill Rd if I had an assist.</p>
O13	Greenway Network	<p>I would like to see a definition of a greenway included. The plan seems a little fluid in what a greenway is. I would like to see the plan focus on the wider paths in linear urban open spaces or corridors. I would exclude on-road bike facilities and allow them to be addressed in the regional bike plan. Natural surface (single-track) trails can be addressed through park master planning. The greenway can reference these plans. Some of the proposed greenways do not seem feasible. I would let the plan focus on what could be achieved in the next 20 years. Otherwise, the plan looks good and is thorough.</p>
O5	Greenway Network	<p>Build Murray Run Greenway from existing location up Ogden Rd. to Tanglewood Mall.</p>
O8	Greenway Network	<p>Finish Roanoke River and Tinker And Hinchee connection to Carvins Cove.</p>
B9	On Road Connections	<p>Include the Community Arboretum at VA Western in the plan/map as an extension off of the Murray Run Greenway. This should be easier option as sidewalks are included in the Colonial Ave improvement project.</p>

Public Responses to Draft 2018 Greenway Plan
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ID #	Topic	Comments
B1	Operations Use/Maint	More nature & Historical interpretation signage
B10	Operations Use/Maint	I believe the greenway brings an excellent opportunity to support or conduct ENVIRONMENTAL EDUCATION programs. Some signage could be a low cost and high impact tool, just to use the beautiful landscape as a reminder to the community about protecting natural resources. Volunteering opportunities such as cleanups are great ways to participate and complementing those intentionally with education tools towards environmental protection/stewardship. The greenway needs recycling bins!
B15	Operations Use/Maint	People move here b/c of our outdoor amenities.
B15	Operations Use/Maint	Hold public events on the greenway.
B16	Operations Use/Maint	Wonderfully thorough plan! I had no idea so much work had been done & is planned. Kudos to all of you for making this happen. Huge quality of life improvement for me. And good luck with Walker Foundry- LOL!
B16	Operations Use/Maint	1.) Massive behavioral based education plan for newbies on the greenway. Some way that people not familiar with safe etiquette can know #1, #2, #3 only top biggest rules. 1. stay on right. 2. No leashes across path. 3. Let people ahead of you know when you are passing. 2.) Make it wide--only in certain sections like Wasena playground bend, right before entering River House low water bridge, etc.
B20	Operations Use/Maint	Please continue ahead full steam! Make sure Parks & Rec receive extra funding to manage new facilities!
B25	Operations Use/Maint	Use it daily from downtown to Crystal Spring area and to Black Dog!
B25	Operations Use/Maint	Consider closing the car section from the ice house to south Roanoke tennis courts. This is the heaviest traffic on greenway-Bikers, walkers, baby carriages, fisherman. The car usage is too light to justify
B28	Operations Use/Maint	I just met another couple who recently chose to retire here based on outdoors trail access, weather (?) and more. I would really hope that Roanoke City Council as well as all other municipalities would continue to fully support this plan.
B28	Operations Use/Maint	Widening greenway paths in high traffic areas i.e. Wasena, Smith. Solar lighting. Fix busted kiosks in Salem.
B29	Operations Use/Maint	I am excited to see the plans and their momentum!
B29	Operations Use/Maint	Incorporating renewable energy options into suggestions of items requiring power (solar, wind). Where possible incorporating bmps to minimize runoff and educate users of the benefits of reduced storm water (but this is likely in the plan). Municipalities dedicating funding to the greenways. Removing Niagara Dam. Protecting Riparian areas (stream bank vegetation).
B33	Operations Use/Maint	In general, I prefer greenways and trails that require less maintenance because of the environmental impact of mowing & cutting. I therefore support dirt trails with low maintenance landscaping wherever possible. I'm surprised by the old average age of the old average age of the crowd at this event. Younger people certainly use the greenways, but I guess they don't come to events like this. I hope that you see their input in other ways so that their voices don't get left out.
B34	Operations Use/Maint	Please finish #40 (RR greenway) soonest! Thanks for doing this! There seems to be many opinions of what not to do. Priority should be that ALL sections be clear, well maintained, and safe. Some patrons (oldest) are now in maintenance mode and are mature. Perhaps the experience of other municipalities would offer some guidance as to what works best for those and possible errors to avoid. Keep up the good work!
B35	Operations Use/Maint	The plan(s) always seem to make good sense once I understand them. I suppose what my two issues would be (1) we need to move faster, spend more money if need be, but move faster towards completion. (2) To me it always seems to be confusing as to where are the trail heads, what is completed and what is not. It seems too difficult to tell others where to go to get them on any given section and where it ends.

Public Responses to Draft 2018 Greenway Plan
April 19 - May 4, 2018

ID #	Topic	Comments
B37	Operations Use/Maint	Love the idea of a birding and wildlife trail but not sure how you would do this. Having some sort of open bird sanctuary that can really showcase some of the region's native birds would be great. Also a butterfly garden would be lovely.
B4	Operations Use/Maint	Thank you for all the hard work, thought & vision that went into this plan.
B4	Operations Use/Maint	My biggest concern about the greenways are they are too crowded and sometimes dangerous b/c people are not sharing the space. Wider paths would help-maybe more communication regarding where all the trails are & parking so people do not concentrate all in over-crowded popular spots
B41	Operations Use/Maint	1. Come up with a way to make part of the Roanoke River a "River Walk" with a commercial aspect, similar to River Walk in San Antonio, TX. I think it would be a great tourist draw in addition to being enjoyed by our own citizens. 2. Come up with a way to get more than just small trash picked up out of the Roanoke River. Flood waters have left unsightly logs and broken trees that could be cleared.
B43	Operations Use/Maint	There are a lack of recycling bins around greenways. This is a missed opportunity o improve the region's sustainability. I imagine folks who frequent greenways will be more inclined to recycle than the average person.
B43	Operations Use/Maint	I think it would be nice if the tennis courts in Wasena Park would be repaired. It is a great location that could attract a community of tennis players, like at Rivers Edge. Currently, the courts are in disrepair and an eyesore. If not renovated, they could be repurposed into a skate park, for example.. A renovation would attract more people to this section of the park, which currently lacks vibrancy.
B48	Operations Use/Maint	Recommendations for ensuring that greenways are handicapped accessible.
B50	Operations Use/Maint	Location of Greenway update at Berglund Center was PERFECT! The Greenway connects all neighborhoods(not those just south of the River), the region and the Commonwealth. I always think the HUB is in downtown Roanoke. BUT The civic center location allowed ownership and buyin from the localities who make up the Greenway commission. Parking: encourage localities to provide on road or trail connectors to the industrial parks and neighborhoods so parking not so much a need to build. The APBP website has examples of shared use path designs. From: People not able to attend: How can I find the plan and make comments? From past County appointed Greenway Commission member. "Why so slow a process, frustrating?" Need industries to help build Greenways. (I know you have asked Lewis Gale about the stretch in Salem. Novazyme has been a corporate citizen. Companies support the Gallop for Greenways) Kenny Wingfield: Kenny has MS add has trouble accessing the bathrooms. Check out his comments. If no comments, I hear about this ALL the time. Other: User conflict is a topic. Separate the users. Bob Herbert included the multiuse path in the flood project to meet cost benefit ratio needed by Federal Gov. The flood was in 1985. Might need to update the design for the trunk of the Greenway. STAY RIGHT; PASS LEFT; SOUND or GREET or ANNOUNCE
B51	Operations Use/Maint	Most comprehensive plan that I am sure took lots of work. My concerns are still the same. Enforcing biking and speed limits and if possible separating bicyclists from pedestrians. One constantly sees terrible situations for instance a father riding bicycles with his children all in a row across the greenway riding like that in the curvy section of Roanoke Memorial. Also, that book nook stand near the hospital needs to be moved. People standing there looking at books are in grave danger of causing an accident.
B53	Operations Use/Maint	Roanoke is a bicycling destination. Last week Roanoke received the Silver Designation for mountain biking. Please see the proposed route for United States Bike Route 11. The proposed route includes the Skyline Drive and portions of the Blue Ridge Parkway.
B7	Operations Use/Maint	The Greenways give me a better quality of life and they also make the Roanoke Valley a more attractive place to relocate. I like the way all the possible opportunities are recognized and added to future plans. You have the right priorities!

Public Responses to Draft 2018 Greenway Plan

April 19 - May 4, 2018

ID #	Topic	Comments
B7	Operations Use/Maint	Keep all motorized vehicles including electric off. Under current conditions in some sections kids' bikes are ok but cyclists should use the road. Maybe the greenway should be widened and delineated. I say this as a cyclist and a walker. Cyclists fail to call out and one false move could be devastating. More bike lanes would be good. A bike lane on 311 from Hanging Rock to Bradshaw and the road to the Cove is badly needed.
FC-4	Operations Use/Maint	Recycling bins for users
FC-4	Operations Use/Maint	Stop spraying pesticides on the greenway
FC-4	Operations Use/Maint	Plant (and keep unsprayed) edible landscape!
FC-4	Operations Use/Maint	E-bike on paved trails only.
FC-4	Operations Use/Maint	Signage for blueways & greenways on VDOT bridges that cross greenways/blueways
FC-4	Operations Use/Maint	Homeless on the greenway
FC-4	Operations Use/Maint	Bathrooms open year-round
FC-4	Operations Use/Maint	Connectivity to livability-so do not need to drive
FC-4	Operations Use/Maint	More trash cans
FC-4	Operations Use/Maint	No trash cans - pack it in/pack it out
FC-4	Operations Use/Maint	Great job on keeping the greenways clear after storms!
FC-4	Operations Use/Maint	Keep user "rules" simple
FC-4	Operations Use/Maint	More river access points for boating
FC-4	Operations Use/Maint	Connection from Towers/Lakewood Park to Smith Park greenway
FC-4	Operations Use/Maint	Emergency Pole/station in case of emergencies
FC-4	Operations Use/Maint	Big and informative and easy to navigate packets for visitors and locals; ex. Bikeshare, access points for GPS, FAQs, etc
FC-4	Operations Use/Maint	More lighting for winter months
FC-4	Operations Use/Maint	Neighborhood based art projects
FC-4	Operations Use/Maint	Respite stops...contemplative spaces
FC-4	Operations Use/Maint	Additional places to touch the water
O10	Operations Use/Maint	stop paving, stop cutting down trees, stop scarring our land!
O3	Operations Use/Maint	As a daily user of Wolf Creek Greenway, my personal concern is maintaining this greenway as a natural/unpaved surface. There are too few unpaved options. The human body is not meant to walk long distances on hard surfaces. It is important that some parts of the system be accommodating to people who desire a more natural experience without having to resort to more rugged hiking trails.
O4	Operations Use/Maint	This plan seems to mainly talk about the expansion and nothing about the upgrades to the existing Greenways. I walk the Wolf Creek Greenway...the bottom of the list Greenway. It could use some major improvements such as the surface which in some areas is like walking in loose sand due to the gravel too thick and huge gravel in other areas. It makes it hard to ride a bicycle, especially for a child. A lot of folks walk in the grass to avoid walking in this mess. It would be nice to have more bathrooms since in the winter the toilets are removed due to vandalism in Goode Park so that leave two and one is at Stonebridge and the other on the Vinton side. There needs to be more trash cans since once you past Goode Park there are none on the trail going towards Mountain View Road, unless you go all the way into Stonebridge Park just to throw a water bottle away. I have not seen any improvements at all to this Greenway. More needs to be done to what is already being used instead of worrying about connecting them which seems to be the top priority.
B12	Tinker Creek	I'm excited about #43 Tinker Creek Greenway & #36 Perimeter Trail.
B13	Tinker Creek	Looking forward to the Tinker Creek Greenway and hope a route can be found everyone can get behind. I love linking to Carvins Cove on the east side of Roanoke. Thanks for linking Garden City to the Roanoke River trail!
B18	Tinker Creek	I only support subarea 3. I object to the route from Old Hollins Rd behind Mt. View School.
B18	Tinker Creek	I really like Subarea 3.

Public Responses to Draft 2018 Greenway Plan
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ID #	Topic	Comments
B21	Tinker Creek	Please do not have the route on Tinker Creek (sub-area 3) at all when other routes on Plantation Rd will work.
B26	Tinker Creek	As a resident of the Tinker Cree Area, we support the greenway running along Plantation Rd. We love the greenways.
B42	Tinker Creek	I support the Greenway Plan but as a homeowner whose property borders Tinker Creek, I only support option B or option C for the Tinker Creek segment. Please consider putting street names on the maps so people can follow the proposed routes better.
B49	Tinker Creek	Thank you for the invite to the meeting. I unfortunately was unable to attend. I have been present at the meetings regarding the Daleville greenway.
B49	Tinker Creek	I live in Fairview off of Glebe and Orchard Lake. My neighbors and I have been very vocal about the desire to keep the greenway out of our neighborhood and the direct perimeter of our neighborhood. I didn't want my absence or input to be misconstrued as lack of interest in the planning stages of the greenway. I am indeed in favor of physical activity. We moved to the Fairview area for privacy and the desire to get away from our neighbors. We would appreciate the respect of our privacy in design of the greenway. Other connection points are available from the town center, to the Glebe, to the other desired connections. I have been in contact regularly with Mr. Farmer and will continue to advocate for my neighborhood. We are concerned about the negative affects of the greenway and our privacy. It should not be a consequence to us. Connectivity can occur through other routes that still give the option of the use of the greenway.
B52	Tinker Creek	Unfortunately, due to my work schedule, I was not able to attend the Greenway Plan meeting in April 2018. Please keep me on any emails about any future Greenway planning meetings.
B52	Tinker Creek	I am especially very interested in any future planning about Tinker Creek Greenway concept as I am very much in favor of a future Tinker Creek Greenway. I live near LaMarre Drive and Tinker Creek runs behind my home, and I think a Greenway in this area would be great, especially any type of Greenway that might have a link along LaMarre Drive to Williamson Rd and Hollins University. Thanks for your emails and for all your work to help the greenways, which is so much appreciated.
B6	Tinker Creek	As a landowner in the Villages of Tinker Creek area, I support the Greenway thru Tinker Creek. I understand some areas may need to be routed differently due to the terrain/etc. but a Greenway trail would further enhance the Hollins revitalization plan.
B6	Tinker Creek	We look forward to be able to ride from our location up to Carvins Cove, which I believe is a great, untapped resource (and tourist attraction) that can be utilized wisely.
B8	Tinker Creek	I remember when we came here to the Civic Center to see/comment on a brand new idea for Roanoke: The Greenways! We've come a long way since then. I was amazed at the extent of possibilities that are underway or under study.
B8	Tinker Creek	I am disappointed that landowners are still preventing the Greenway from following Tinker Creek. Putting it along Plantation RD would be much less desirable b/c of traffic noise and exhaust, and b/c it's a considerable hill climb-not so good for inexperienced cyclist. I love the idea of eventually being able to travel on a greenway to Daleville. A connection btw Loch Haven Drive and Plantation Rd is a great idea! Especially now with the Plantation Rd. improvements and the walking trail up to Carvings Cove.
FC-3	Tinker Creek	Zagster bike station at Plantation Road parking lot for Tinker Creek Greenway
FC-3	Tinker Creek	How do you connect 38 to the creek safely?
FC-3	Tinker Creek	End of Old Manor to creek is not going to happen (Jeff Obenchain)
FC-3	Tinker Creek	We do not support the section along Tinker Creek from Old Hollins Rd - behind Mt. View School (Stephen Rossi)
FC-3	Tinker Creek	Ditto above – Beth Rossi
FC-3	Tinker Creek	We sure do support it!
FC-3	Tinker Creek	I support the greenway along Tinker Creek. (Mark Eanes)
FC-3	Tinker Creek	I prefer the eastern route on sub-area 5 in Daleville (James Hancock)

Public Responses to Draft 2018 Greenway Plan
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ID #	Topic	Comments
O2	Tinker Creek	Let the greenway follow Plantation from Old Hollins Rd to ITT
O6	Tinker Creek	I live at 6918 Trevilian Rd. and am completely against the proposed subarea 3 Option A direction. My property includes part of Tinker Creek and the proposed option and my home has openings for doors and windows and am NOT happy with having people coming thru the edge of my property and the availability of them coming onto the property if they choose to cross the creek. Not looking forward to the area not being policed and many pets that are not cleaned up after.
O7	Tinker Creek	I live at 6918 Trevilian Road. Part of my property is next to Tinker Creek and is located in the "Subarea 3" section. I am totally against and do not support Option A due to this would put the access next to my property. I have windows located on my home facing the proposed Option A route. This is a safety and privacy risk to me and other neighbors. Brian K. Hood
O9	Tinker Creek	Landowners along proposed routes should have been notified about plans, in some cases years ago. Particularly those whose properties are mentioned specifically as highlights of the proposed routes. Wherever possible existing right of way corridors should be utilized, such as along low use railroad tracks, roads, and existing amenities. Properties should not be bisected by the greenways, rather the greenway should follow a path along existing property lines. The upper end of Tinker Creek in Botetourt specifically is currently a relatively pristine creek compared to the polluted mess in Roanoke County, and as such provides a home to some of Virginia's less common fauna that require clean water. Further, care should be taken to prevent the spread of invasive species currently found along the Tinker Creek corridor during construction of the greenways, if possible even commit resources for their removal so that Virginia's native flora and fauna can be on display for the greenway's users. Demonstrate good faith in pursuing the above and I could get on board and support some version of a greenway. First step: inform all potentially impacted landowners of proposed plans and include an apology that it hadn't already been done.

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Appendix E Tinker Creek Greenway Conceptual Plan

Tinker Creek Greenway Conceptual Plan

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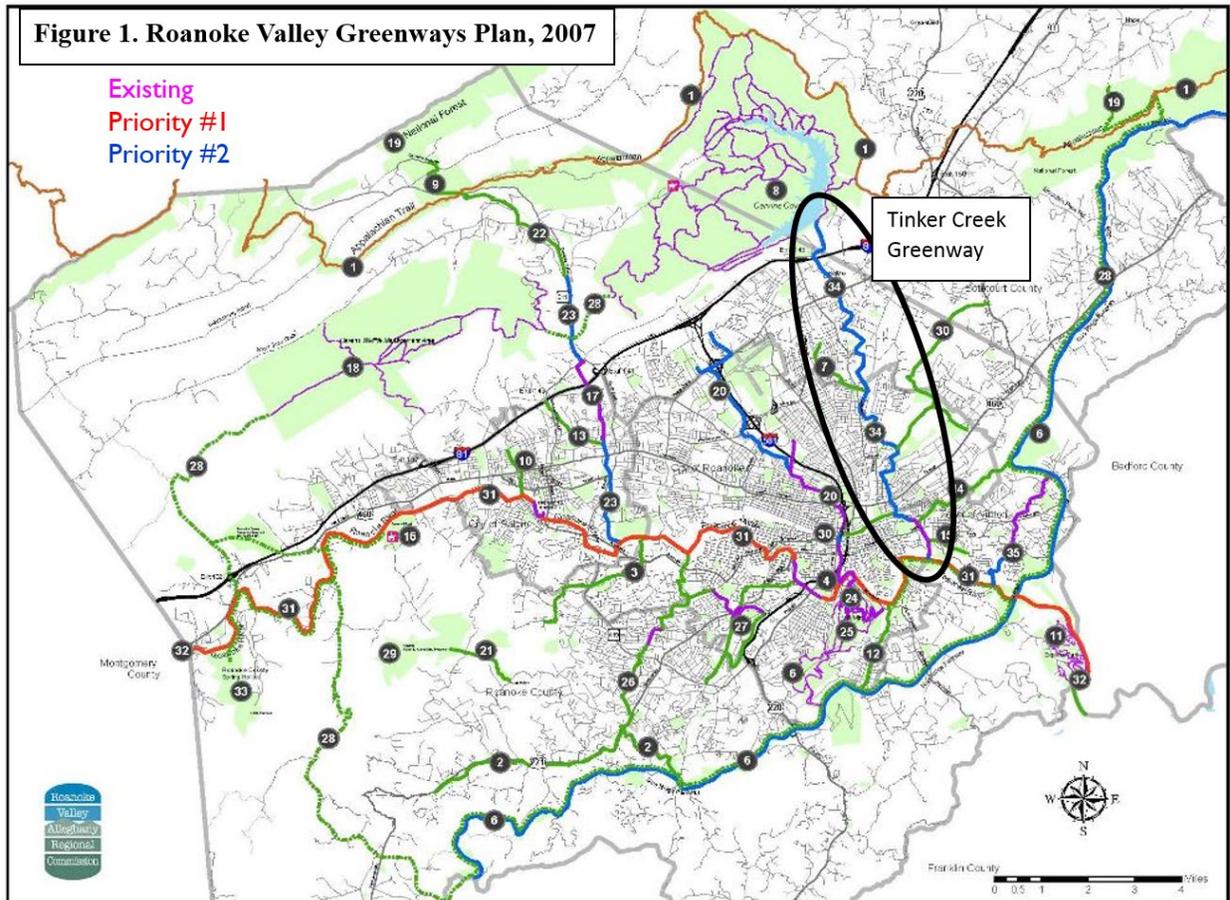
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I. Introduction

From downtown Roanoke, to its headwaters in Botetourt County, Tinker Creek connects a diversity of urban, suburban, industrial, and rural landscapes. Throughout the stream valley remnants of old mills, taverns, and historic buildings can be found. The Carolina and Great Wagon Roads both traversed the creek, which spurred early commercial and industrial development along its banks. Development of the Tinker Creek Greenway could expand awareness and interpretation of these heritage resources as well as connect natural areas, parks, and other trail systems such as Carvins Cove, Read Mountain, and the Appalachian Trail. In addition, the greenway has the potential to connect seven schools, a myriad of commercial areas, and employment centers, providing residents with a way to walk or bike to work and school, and visitors with a safe, physically active way to explore the area's attractions.

For several years there has been interest in developing a greenway that follows the Tinker Creek corridor, beginning with the first study completed in 1992. With the Roanoke River Greenway nearing completion, business support such as the Deschutes Brewery in Roanoke and Ballast Point Brewing Company in Botetourt, and the addition of Botetourt County to the Greenway Commission, the timing is ripe for exploring next steps. The Tinker Creek Greenway Conceptual Plan builds upon past planning efforts, assesses trail development options, and provides recommendations regarding future greenway development.



II. Background

A. Goals

The goals of the Tinker Creek Greenway mirror the broader regional greenway goals, specifically:

- Recreation and Health: to provide access to the stream valley corridor for a multitude of trail-related activities (walking, biking, running, etc.), as well as fishing and wildlife viewing, to increase physical activity and enhance community wellness
- Transportation: to increase transportation choice and reduce traffic congestion on nearby roads, through an expanded system of non-vehicular connections that link residential neighborhoods, commercial areas, employment centers, and community facilities.
- Education and Interpretation: to illuminate the area’s history and educate visitors about the unique ecological and heritage resources of the stream corridor
- Environmental Conservation: to protect sensitive ecological areas, plant and animal species, and reduce impacts of flooding

B. Previous Studies

Numerous studies have been completed over the past several years to explore the idea of a greenway and trail along Tinker Creek. The following plans document the natural, historic, and cultural resources found along the stream corridor. They also highlight some of the issues and challenges to greenway development. The plans are listed below (links provided to the full documents where available):

- Tinker Creek Conservation/Development Plan, 1992
- Tinker Creek Greenway Conceptual Master Plan, 2000 (*Virginia Tech Landscape Architecture Class*)
- Tinker Creek Greenway Extension, Conceptual Layout, prepared by City of Roanoke Parks and Recreation Planning, April 18, 2016

In addition, Tinker Creek Greenway is mentioned in various state, regional and local planning documents, including:

- [2013 Virginia Outdoors Plan](#), Chapter 10, Region 5, p. 10-58
- [Roanoke Valley Conceptual Greenway Plan](#), December 1995, p. 36-37, 41, 43
- [2007 Update to the Roanoke Valley Conceptual Greenway Plan](#), p. 5-20, 5-21
- [Roanoke Valley Alleghany Regional Commission Rural Bikeway Plan](#), 2006
- [Bikeway Plan for the Roanoke Valley Area MPO, 2012 Update](#)
- [Vision 2040 Roanoke Valley Transportation Plan](#), September 28, 2017, p.150, 154
- [City of Roanoke, Comprehensive Plan Vision 2001-2020](#), p. 64
- [Hollins Area Plan](#), adopted November 2008, p. 52-53
- [Hollins Area Plan, Annual Update](#) January 2010
- [2016 Gateway Crossing Area Plan, Botetourt County](#), November, 2016
- 2017 Parks, Recreation, Greenways, and Blueways Section of Botetourt County Comprehensive Plan

C. Trail Development Status

In 2001, the City of Roanoke constructed the first 1.5 mile segment of the Tinker Creek Greenway from the Roanoke River to Wise Avenue, providing a connection between the proposed Roanoke River Greenway and Fallon Park. In 2012, a two-mile section was completed from Hollins University to Carvins Cove, built by Roanoke County, Hollins University and volunteers. The trail utilized Hollins University's land under an agreement and a donated easement across private property.

A big boost to the planning effort came in 2016 when businesses at Roanoke Centre for Industry and Technology (RCIT) expressed interest in a greenway connection from RCIT to downtown. The City committed to completing the greenway segment between the Wise Avenue trailhead and Mason Mill Park. In addition, the FY17 Regional Surface Transportation Program awarded \$1,220,000 for the Tinker Creek Greenway (Wise to Orange Ave), for FY 17-19, spurring the City to start the engineering for this phase.

Progress has also been made in Botetourt County. In 2012, County staff worked with engineers to develop a Daleville Greenway concept, linking the Daleville Town Center, Lord Botetourt High School, the trail system at Greenfield Center and the Tinker Creek corridor. In March 2015, Botetourt was awarded a \$476,000 Transportation Alternatives Program grant for the first phase of development, and in 2016 the County joined the Greenway Commission. In December 2017, the County approved the "Parks and Recreation, Greenways and Blueways" Comprehensive Plan Chapter which included commitments to upgrade, maintain and expand trails and greenways throughout the County and continue to participate in the Roanoke Valley Greenway Commission, ensuring local planning efforts are aligned with the regional vision.

D. Project Leadership: Tinker Creek Greenway Steering Committee and Planning Process

In July 2015, the Executive Committee of the Roanoke Valley Greenway Commission (GC) formed the Tinker Creek Greenway Steering Committee in partnership with the Roanoke Valley - Alleghany Regional Commission (RVARC), City of Roanoke, Roanoke County, and Botetourt County. Support was provided by the National Park Service, Rivers, Trails, and Conservation Assistance Program (RTCA). The purpose of the committee was to assess greenway alignment options and gain consensus on a timeline and priorities for future greenway development.

In December 2015, the first meeting was organized and the project team drafted a three-phased planning approach that included: 1) data collection, mapping, and analysis; 2) stakeholder engagement including meetings and workshops with neighborhood residents, businesses, schools, and other stakeholders in the project area; and 3) development of recommendations and completion of a conceptual greenway plan to document findings.

The following tasks and roles were established:

1. Inventory and document corridor resources. (*Localities, GC, and RVARC*)
2. Compile GIS maps of corridor features and land ownership. (*RVARC*)
3. Engage stakeholders, including neighborhood residents, businesses and corporations, civic groups, universities and institutions, VDOT, locality and agency staff, schools, and others as identified. (*Steering Committee*)

4. Identify potential alternative alignments; evaluate constraints and opportunities for each alignment. *(Steering Committee/RTCA)*
5. Design and host public forums to receive input on corridor options, evaluate input, and incorporate into the analysis. *(Steering Committee/RTCA)*
6. Complete trail alternatives analysis; document and map findings and recommendations. *(Steering Committee/RTCA)*
7. Develop a multi-year implementation plan with relative cost and funding options for greenway segments, critical milestones and phasing, and a maintenance and operations strategy. *(Steering Committee/RTCA)*
8. Incorporate the greenway concept into the Roanoke Valley Greenway Plan (2018 revision) and present to councils and boards for adoption. *(RVARC with GC and local jurisdictions)*
9. Calculate preliminary engineering and cost estimates for preferred alternatives. *(Future task-TBD)*

In the first year, a resource assessment, including inventory and GIS mapping of natural, cultural, historic, and community resources, land ownership and corridor amenities was completed with support from the RVARC. Aerial footage of the greenway corridor was also collected, utilizing a professionally licensed drone operator, and an edited video for the existing one-mile segment from Wise Avenue to the Roanoke River Greenway was developed pro bono by the contractor.

Community outreach was initiated in 2016 and expanded in year two to assess interest and support of corporate/business landowners, Virginia Department of Transportation (VDOT), Hollins University, and adjacent neighborhoods. In March and April 2017, a series of six community meetings were held in conjunction with the regional Greenway Plan to receive input from citizens on route alternatives for Tinker Creek Greenway. The meeting schedule included:

- March 21: Greenfield Education and Training Center, Botetourt County, Daleville, VA
- March 27: Mountain View Elementary School, Hollins/Roanoke, VA
- March 30: Fishburn Elementary School, Roanoke, VA
- April 3: South County Library, Cave Spring/Roanoke, VA
- April 6: Glenvar Middle School, Roanoke County/Salem, VA
- April 10: Vinton War Memorial, Vinton, VA

Tinker Creek options were evaluated in small group break-out discussions at the Botetourt, Mountain View, and Vinton forums. Additional information on community meeting results can be found in the 2018 *Roanoke Valley Greenway Plan*, Chapter 3 and Appendix C. In addition, Botetourt County held a community meeting



Tinker Small Group Discussion held at the Greenfield Training Center.

on June 6, 2017 to discuss alignments for Daleville Greenway. Several attendees asked questions about Tinker Creek Greenway at that time.

Following the community meetings the Steering Committee worked to refine route maps and analyze the feasibility of various options. A detailed analysis of the corridor was conducted by breaking the entire corridor into 48 segments with logical endpoints, and ranking the segments based on agreed upon trail evaluation criteria that included constraints, opportunities, technical feasibility, and neighborhood support. The corridor analysis was completed in 2017, showing pros/cons and the relative priority of the trail segments based on the ranking. The committee created a final set of maps, based on the findings. Refinement of the concepts and development of an implementation strategy were completed in May 2018.

III. Resource Assessment and Route Analysis

A. Inventory and Mapping

In 2000, Virginia Tech students completed a comprehensive resources inventory for the ten-mile section of Tinker Creek in Roanoke City and County. The inventory served as a foundation for the development of a conceptual plan that was presented to the community at two public meetings. Although the plan was not officially incorporated into locality comprehensive plans, it was utilized as a resource guide and reference by local Planning and Parks and Recreation staff. The Committee expanded and updated the Virginia Tech assessment by adding Botetourt County, and created up-to-date GIS map files for the corridor. Field work was conducted to verify map data, and drone video was compiled to provide an overview for corridor analysis, outreach, and community meetings.

Overview

The Virginia Tech student research documented that the Tinker Creek corridor is rich in both natural and cultural resources, although some sections have been impacted by development. Tinker Creek originates from natural springs along the hillside of Tinker Mountain, providing year-round cold temperatures favorable for trout. The presence of limestone and dolomite buffer the stream's pH level, and make Tinker classify as a limestone stream. Several animal species are listed as state and/or federal threatened or endangered. There are no endangered plant species listed.

The students also identified twelve historic properties located along the corridor including: Monterey, Bell Mont, Billy's Cabin, Fellers School, Lee Fellers House, Huntington, Harshbarger House, Windmere, Grey Flora House, Nininger House, the William Fleming Gravesite, and the Totera Indian Council Ground, some of which are listed on the National Register of Historic Places. Several sites are also listed in Botetourt County, including: Nininger's Mill (also known as Tinker Mill) near Daleville; the Bowyer-Holladay House; and Greenfield, a historic plantation that includes the site of the William Preston House (destroyed by fire) and slave dwellings and cemetery. *(For more information see: [Virginia Landmarks Register and National Register of Historic Places](#))*

Tinker Creek Greenway Study Area

Figure 2 shows the entire Tinker Creek Greenway study area from the Roanoke River to Greenfield Center in Botetourt County. The alignment shown in the 2007 Roanoke Valley Greenways Plan was used as the starting point for analysis, which showed the greenway as a line extending up the creek. The planning team looked at land use patterns, property ownership, and physical constraints on both sides of the creek to assess opportunities for future trail development.

The Committee found that there is significant diversity in the landscapes that the corridor passes through, from urban core to suburban to rural areas. Although some locations offer streamside locations and terrain suitable for trail development, other sites are constrained by

limited space between the creek and roadways, railways, or residential structures. Trail constrictions are most prominent in three locations:

1. There are several areas between Hollins Road (near the City boundary) and U.S. 11/Williamson Road, especially north of Mountain View Elementary School, where alternative options along roadways have been analyzed.
2. The area along U.S. 11/Lee Highway, between Hollins and Cloverdale, where the creek travels back and forth under U.S. 11/Lee Highway, and is constricted by highway and industrial/commercial development. An option to utilize connections on Tinker Mountain was analyzed for this area.
3. The underpass in Botetourt County where Tinker Creek travels under I-81 is constricted by an active rail line and private property, presenting the challenge of where and how to cross under the highway. Two other options include the Hollins University pedestrian underpass and Reservoir Road.

Connecting and Spur Trails: From its headwaters in Botetourt County, Tinker Creek is fed by Carvin Creek, Lick Run, and Glade Creek, offering future connections to these regional greenways, as well as several opportunities for spur trails that connect to parkland or other trail systems including:

- Lick Run Greenway
- Glade Creek Greenway
- Carvin Creek Greenway (proposed)
- Read Mountain Preserve
- Carvins Cove Natural Reserve
- Daleville Greenway (proposed)
- Appalachian Trail
- Read Mountain Greenway (proposed)

These features were included in the overall analysis to evaluate opportunities for connections to areas adjacent to, but outside of, the Tinker Creek study area.

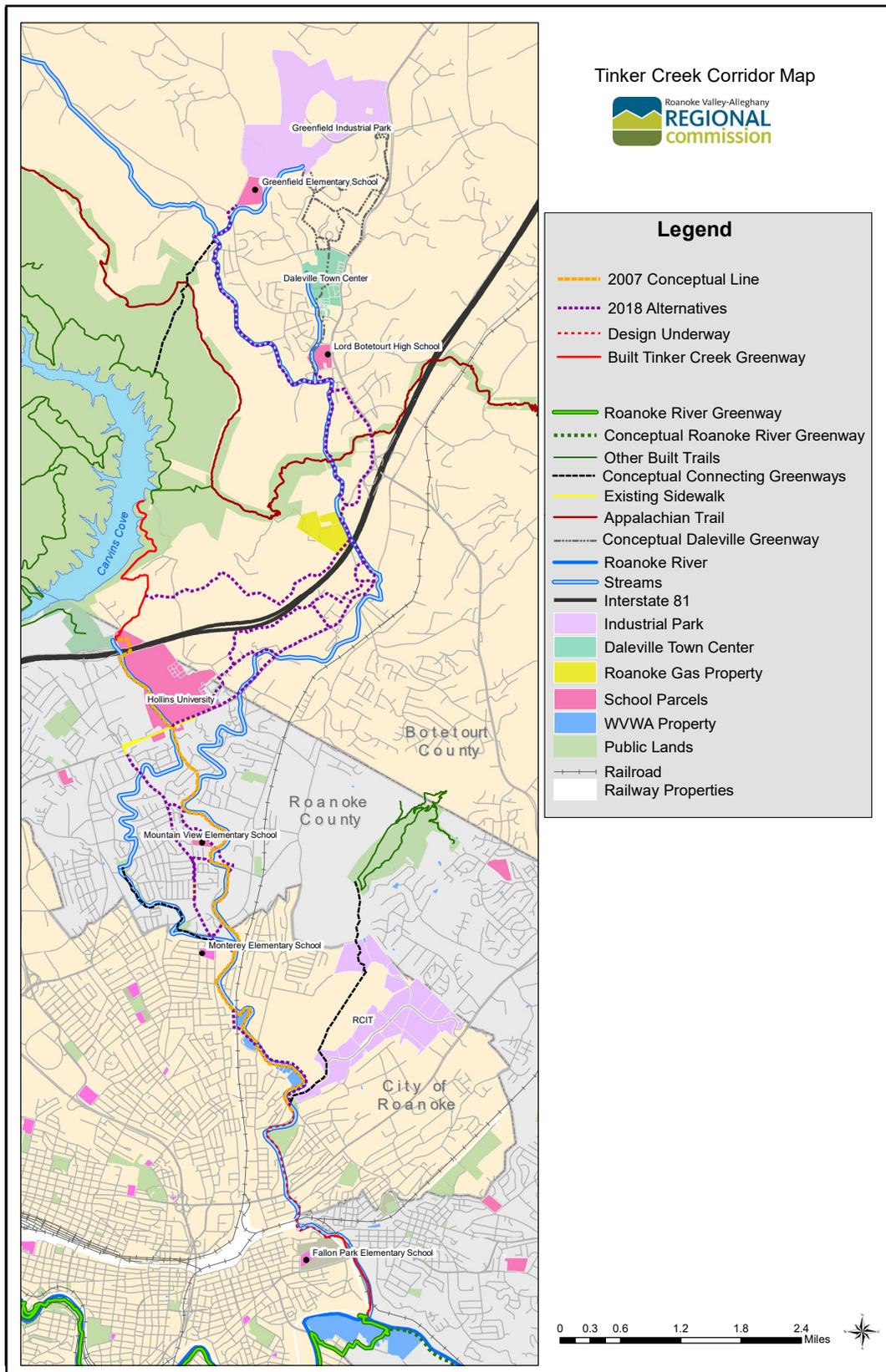
Primary destinations and connection opportunities in each jurisdiction were also identified and are listed below.

City of Roanoke Connection Opportunities: Roanoke River Greenway, Roanoke River, Glade Creek Greenway, Fallon Park, East Gate Park, Mason Mill Park, Monterey Golf Course, Blue Hills Golf Course, Read Mountain Preserve, Indian Village housing project, Regional Center for Animal Care and Protection, Deschutes Brewery, Roanoke Centre for Industry and Technology

Roanoke County Connection Opportunities: Friendship Retirement Community, Mountain View Elementary School, Village at Tinker Creek, Hollins University, Carvin Creek Greenway, Carvins Cove Natural Reserve, Brookside Park, Hollins Park, Walrond Park, Sadler Park, Community School, Tombstone Cemetery

Botetourt County Connection Opportunities: Daleville Town Center, the Glebe Retirement Community, Botetourt Center at Greenfield, Gateway Crossing Urban Development Area (UDA), Carvins Cove Natural Reserve, Appalachian Trail, Greenfield Recreation Park, Lord Botetourt High School, Greenfield Elementary School

Figure 2. Tinker Creek Greenway Study Area



B. Challenges and Opportunities

The Committee identified several **challenges** to trail development that are discussed below, including: site constraints, cost, and community support.

Site Constraints/Feasibility: Past development along Tinker Creek has often left a very narrow (30-50') buffer between the creek and adjacent roads, residential properties, and developed commercial and industrial facilities. There are also constraints of steep slopes/cliffs, utilities, dams, and structures. Environmental review, permitting, and compliance with new storm water regulations involving construction near streams will need to be adhered to, and in some areas there are limited options for securing rights-of-way and/or complying with regulations to build a sustainable trail.

Cost: A second challenge is identifying and securing funds to build the project. Although the region has had success in securing funds for greenway development, there is a continued need to work collaboratively across the three jurisdictions to leverage resources so that projects complement each other, rather than compete for funding. There is also a need to address long-term maintenance and operational costs.

Community and Political Support: While a large majority of citizens have documented support for greenways in general, and along Tinker Creek specifically, there are areas where adjacent neighborhoods have expressed concerns about potential impacts. These concerns include privacy, safety, and security in places with limited buffer areas between homes and the potential trail location and concerns about interruption of farm operations. Addressing these issues through trail design and an alignment that is sensitive to adjacent properties will be needed in order to gain support from the community at large and subsequent support from elected leaders.

There are several **opportunities** and benefits from development of the Tinker Creek Greenway.

Multi-Modal Connections/Quality of Life: Tinker Creek Greenway has the opportunity to connect thousands of people from diverse socio-economic backgrounds in the City of Roanoke, Roanoke County and Botetourt County. For much of the corridor, citizens do not currently have a greenway in their neighborhood. Once developed, the Tinker Creek Greenway will be within a half mile, or 10 minute walk, for 24,500 residents and employees, expanding opportunities for walking and biking to work or school.

Community Health and Wellness: A growing body of research published by Active Living Research and other organizations show that residents are significantly more likely to meet Center for Disease Control guidelines for physical activity if there is a trail or greenway near their home.¹ Carilion Clinic helped fund the Roanoke River Greenway in front of Roanoke Memorial Hospital and sponsors “doctor walks” on the greenway. This model could be expanded to Tinker Creek Greenway where businesses along the corridor could support community wellness.

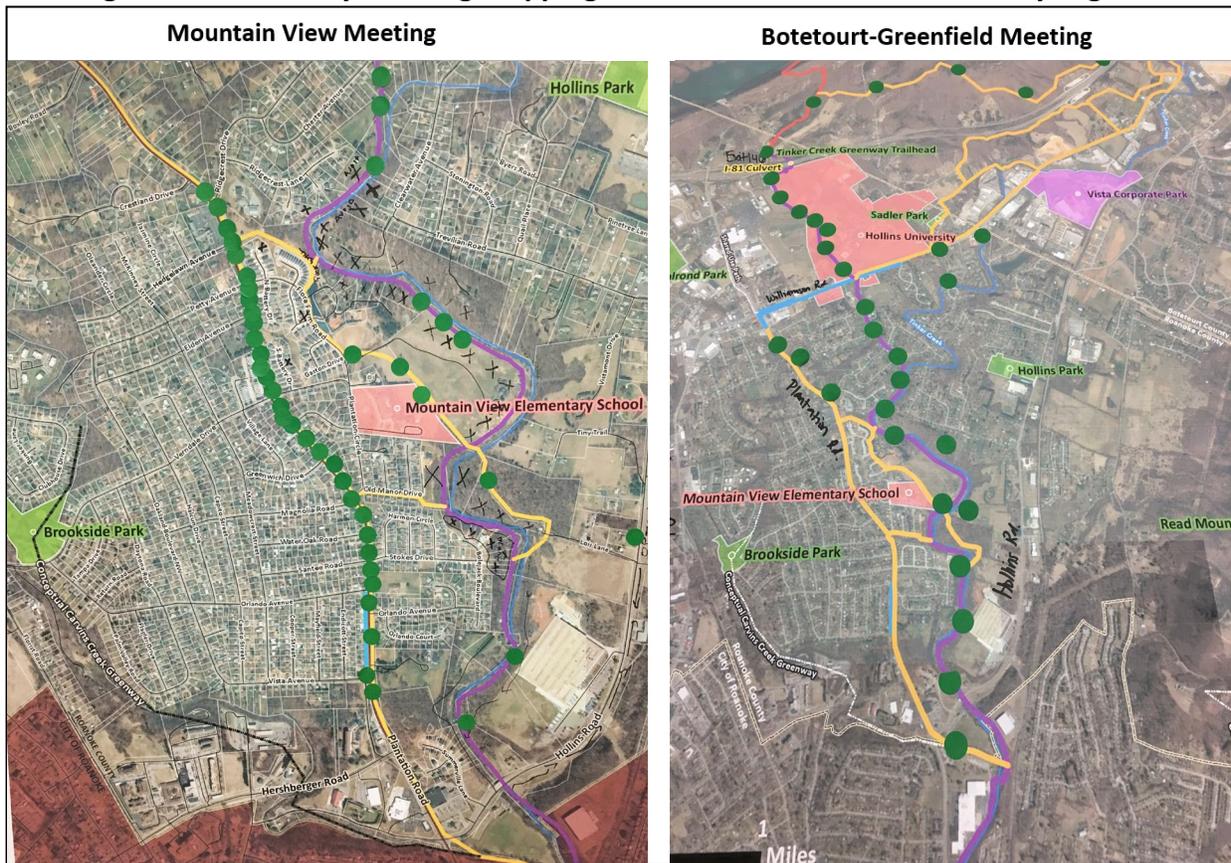
¹ *The Power of Trails for Promoting Physical Activity in Communities*, Active Living Research, January 2011

Economic Development: The Roanoke Valley Greenway Commission, Roanoke Outside, and local jurisdictions have documented the economic value of greenways and trails. For example, the City of Roanoke and Roanoke Outside co-host the annual GO Fest. In November 2016 the festival, which took place at River’s Edge Sports Complex, attracted 30,000 people and generated \$180,000 in retail sales in a single weekend. Greenways have been a selling point for businesses considering relocation decisions, with business leaders recognizing their value in attracting and retaining a skilled workforce. For example, in the past few years, two breweries have located to sites along the future Tinker Creek and Daleville Greenways. Finally, greenways have become the focal point for outdoor events, walks, and runs. There are now over ninety 5k races per year in the City of Roanoke alone, as well as weekly pub runs, bike rides, and other family-friendly programs.

C. Tinker Creek Community Meetings Summary

In spring 2017, a series of community meetings were convened, to allow local citizens the opportunity to review and provide input on greenway options. Workshop participants evaluated several trail route alternatives and were provided the opportunity to propose new alignments, while thematic challenges and opportunities were documented by staff. The diversity of perspectives can be graphically viewed in Figure 3 and Figure 4, with “green dots” representing the preferred greenway routes noted by workshop participants.

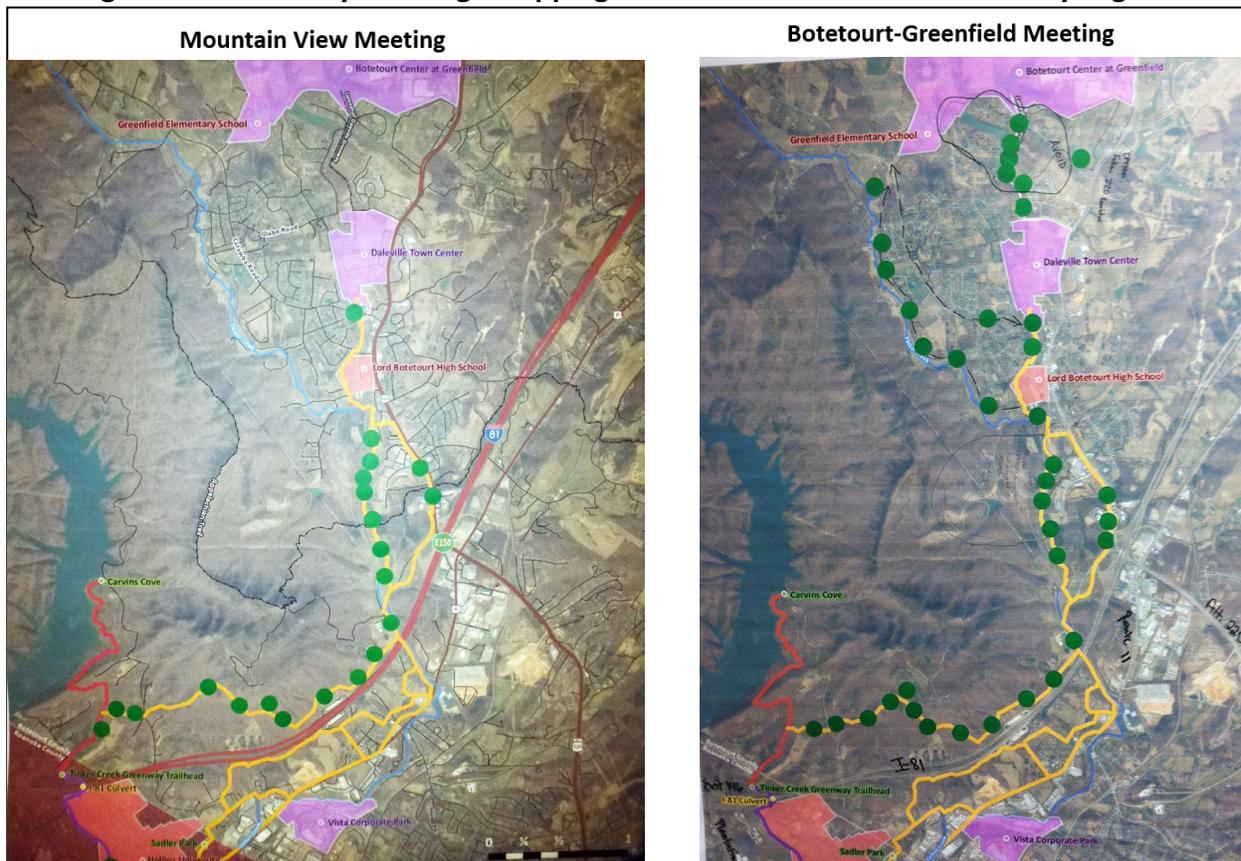
Figure 3. Community Meeting Mapping Exercise Results: Roanoke County Segments



Citizens who attended the Mountain View session expressed concerns about aligning the trail near the creek in the Hollins area of Roanoke County, due to limited space between the creek and residences. This was a particular concern of residents in the neighborhoods near LaMarre Drive. The vast majority of workshop participants preferred that the trail be located along existing roads such as Plantation Road away from private property. Citizens at the Botetourt session, however, favored trail connections that took advantage of stream valley areas to provide a more natural setting, away from vehicular traffic. Participants were split in terms of preference but favored a route along the creek rather than along Plantation Road.

Citizens at both meetings expressed an interest in a trail connection to Carvins Cove. Both meetings showed an interest in avoiding the densely developed area along Lee Highway between Hollins University and Cloverdale, and instead preferred routing the trail on the west side of I-81. Citizens at the Botetourt meeting identified a new trail connection along the creek at the base of Tinker Mountain west of the Daleville Town Center to connect to Greenfield trails. This option was drawn in by workshop participants.

Figure 4. Community Meetings Mapping Exercise Results: Botetourt County Segments



D. Greenway Segment Evaluation Process

The next step for the Committee was to divide the greenway corridor into 48 trail segments for further analysis, develop evaluation criteria, and apply the criteria to each of the trail segments.

Evaluation Criteria: The evaluation criteria consisted of eight elements:

1. Connectivity
2. Visitor Experience/Scenic Quality
3. Destinations
4. Landownership/Right-of-way
5. Feasibility/Site Constraints and Cost
6. Community Support
7. Economic Development Potential/Financial Support
8. Mitigates or Addresses a Safety Issue

Definitions: The following definitions provide a description of the element as well as point values that show how the segments were scored.

- 1. Connectivity.** Does the trail segment connect to other trails or bike-pedestrian facilities? Will the segment provide critical continuity by closing a gap or eliminating a barrier in the regional network?
5 = Extends/connects to existing trail or bike-pedestrian facility
3 = Extends/connects to funded trail or bike-pedestrian facility
0 = No connection to existing or funded facilities
- 2. Visitor Experience/Scenic Quality.** What is the quality of the corridor and landscapes the trail traverses? Are there natural areas, historic sites, scenic vistas or other resources that provide for an exceptional user experience? Are there assets or attractions that can be interpreted?
10 = High visual quality / visitor experience (shaded corridor along stream, etc.)
5 = Mix of landscapes, some high quality, some low
0 = Low visual quality (along busy roadway, industrial land use, etc.)
- 3. Destinations.** Does the trail connect destinations for commuters and recreational users, (i.e. schools, employment centers, community facilities, parks, commercial areas)?
5 = Direct access to multiple destinations
3 = Proximity/indirect access to some destinations
0 = No access to job sites, schools, commercial centers, etc.
- 4. Landownership/Right-of-way.** Will the trail segment be located in existing public right-of-way or will easements or fee simple purchase be needed from private land owner(s)?
10 = 100% in public ownership or secured through easement
5 = Part of right-of-way is secured; part is not
1 = Some support from landowners; easement under negotiation
0 = 100% privately owned; entire segment needs negotiation with property owner(s)

- 5. Feasibility/Site Constraints and Costs.** Are there technical and physical barriers to trail completion? Rivers/streams to cross? Highways or rail lines to traverse? Environmentally sensitive areas? Wetlands? Steep slopes? How costly is construction, i.e. board-walking, bridges, or other infrastructure improvements?
 5 = Limited or no barriers to development; limited environmental impacts
 3 = Some barriers that could be addressed but solutions may be costly
 0 = Numerous and high cost constraints, i.e. railroad crossing; environmental issues
- 6. Community Support.** Do adjacent neighborhoods and the community at-large support this trail segment? What has the response been from the meetings, comment sheets, surveys or direct communication to staff?
 5 = Community supports (i.e. lots of green dots on preference maps)
 3 = Mixed review by community; no consensus on route
 0 = Community opposition (i.e. negative survey responses, forum comments, notes on map)
- 7. Economic Development Potential/Financial Support.** Does the segment provide an opportunity for economic development, business investment, private-public partnerships? Is a business or other funder providing financial support for trail development?
 5 = High economic potential, business providing financial support
 3 = Moderate opportunity for future economic development
 1 = Low economic development potential
- 8. Mitigates or Addresses Current Safety Issue.** Does the segment address a current bike-pedestrian safety issue?
 5 = Yes, addresses current safety concern (i.e. provides separate facility to move pedestrians and/or cyclists off the roadway, improves intersection safety, etc.)
 0 = No, does not address a current bike-pedestrian safety issue

Cumulative score: Range 0-50

Sample Ranking Form

	(poor) Range (great)	Score
Connectivity	0 1 2 3 4 5	
Visitor Experience/Scenic Quality	0 2 4 6 8 10	
Destinations	0 1 2 3 4 5	
Land Ownership/Right-of-way	0 2 4 6 8 10	
Feasibility/Site Constraints, Cost	0 1 2 3 4 5	
Community Support	0 1 2 3 4 5	
Economic Development Potential/Financial Support	0 1 2 3 4 5	
Mitigates Safety Issue	0 = no 5 = yes	
Total		

E. Segment Analysis Results and Greenway Design Considerations

The trail segment scores on the eight criteria were developed by staff from that locality. Those scores were compiled into a spreadsheet showing how each segment scored for each individual criteria, as well as a cumulative score (see Figure 5).

Figure 5. Tinker Creek Greenway Segment Analysis Matrix										
Segment #	Ranking Categories									Team
	Connectivity	Visitor Experience	Destinations	Land Ownership	Feasibility Constraints Cost	Community Support	Economic Potential	Safety	TOTAL	
1	Existing section - Tinker Creek Greenway									Roanoke City
2	Segment not scored; in design phase									Roanoke City
3	3	7	4	5	3	4	3	2	31	Roanoke City
4	0	5	3	1	2	3	2	2	19	Roanoke City
5	0	5	3	1	3	3	1	5	21	Roanoke City
6	4	10	3	2	1	2	3	0	25	Roanoke Co.
7	0	10	1	0	1	3	0	0	15	Roanoke Co.
8	5	4	3	6	2	3	1	5	29	Roanoke Co.
9	0	0	3	10	3	5	1	5	27	Roanoke Co.
10	0	6	0	0	1	2	2	0	11	Roanoke Co.
11	0	6	4	0	1	2	1	0	14	Roanoke Co.
12	4	4	2	4	2	0	0	0	16	Roanoke Co.
13	0	4	2	0	2	0	0	0	8	Roanoke Co.
14	0	2	0	0	0	0	0	0	2	Roanoke Co.
15	Existing sidewalk									Roanoke Co.
16	5	10	4	0	0	5	3	0	27	Roanoke Co.
17	4	4	5	8	4	2	3	5	35	Roanoke Co.
18	0	6	1	2	3	2	2	0	16	Botetourt Co.
19	0	2	4	4	3	3	4	5	25	Botetourt Co.
20	0	2	4	4	3	3	4	5	25	Botetourt Co.
21	0	8	0	6	3	5	4	0	26	Botetourt Co.
22	0	10	5	4	3	5	5	5	37	Botetourt Co.
23	0	10	5	4	3	5	5	5	37	Botetourt Co.
24	0	10	5	4	3	5	5	5	37	Botetourt Co.
25	0	6	0	2	3	2	1	0	14	Botetourt Co.
26	0	2	4	4	3	3	4	5	25	Botetourt Co.
27	0	2	1	2	3	1	0	0	9	Botetourt Co.
28	5	8	3	2	2	4	2	0	26	Botetourt Co.
29	0	2	4	4	3	3	4	5	25	Botetourt Co.
30	Existing section - Tinker Creek Greenway									Ro/Bot
31	5	0	5	10	2	5	3	5	35	Roanoke Co.
32	5	0	3	10	3	5	1	5	32	Roanoke Co.

Figure 5. Tinker Creek Greenway Segment Analysis Matrix (continued)

Segment #	Ranking Categories									Team
	Connectivity	Visitor Experience	Destinations	Land Ownership	Feasibility Constraints Cost	Community Support	Economic Potential	Safety	TOTAL	
33	0	10	3	0	3	3	3	5	27	Roanoke Co.
34	0	2	4	4	3	3	4	5	25	Botetourt Co.
36	0	2	4	4	3	3	4	5	25	Botetourt Co.
36	1	0	2	10	5	2	2	5	27	Roanoke Co.
37	5	2	5	10	2	5	4	5	38	Roanoke Co.
38	0	0	1	2	2	0	0	0	5	Roanoke Co.
40	Existing sidewalk									Roanoke Co.
42	4	10	3	2	4	5	3	0	31	Roanoke Co.
43	0	10	3	0	1	0	1	0	15	Roanoke Co.
44	0	1	1	3	2	3	1	2	13	Roanoke City
45	4	9	4	4	2	4	3	5	35	Roanoke City
46	0	0	3	10	4	5	1	5	28	Roanoke Co.
47	4	0	5	10	3	3	3	5	33	Roanoke Co.
48	Segment added after evaluation exercise, based on public input									Botetourt Co.

The segments were then grouped into five subareas and evaluated further for greenway potential (see Figure 6). The five subareas are as follows:

1. Wise Avenue to Mason Mill Park (City of Roanoke)
2. Mason Mill Park to Hollins Road at the Roanoke City/Roanoke County boundary
3. Hollins Road to U.S. 11/Williamson Road at Carvin Creek (Roanoke County)
4. U.S. 11/Williamson Road at Carvin Creek (Roanoke County) to I-81/Tinker Creek Overpass (Botetourt County)
5. I-81/Tinker Creek overpass to Daleville Greenway and/or Greenfield (Botetourt County)

Both Tinker Creek stream corridor and road right-of-way alternatives were considered.

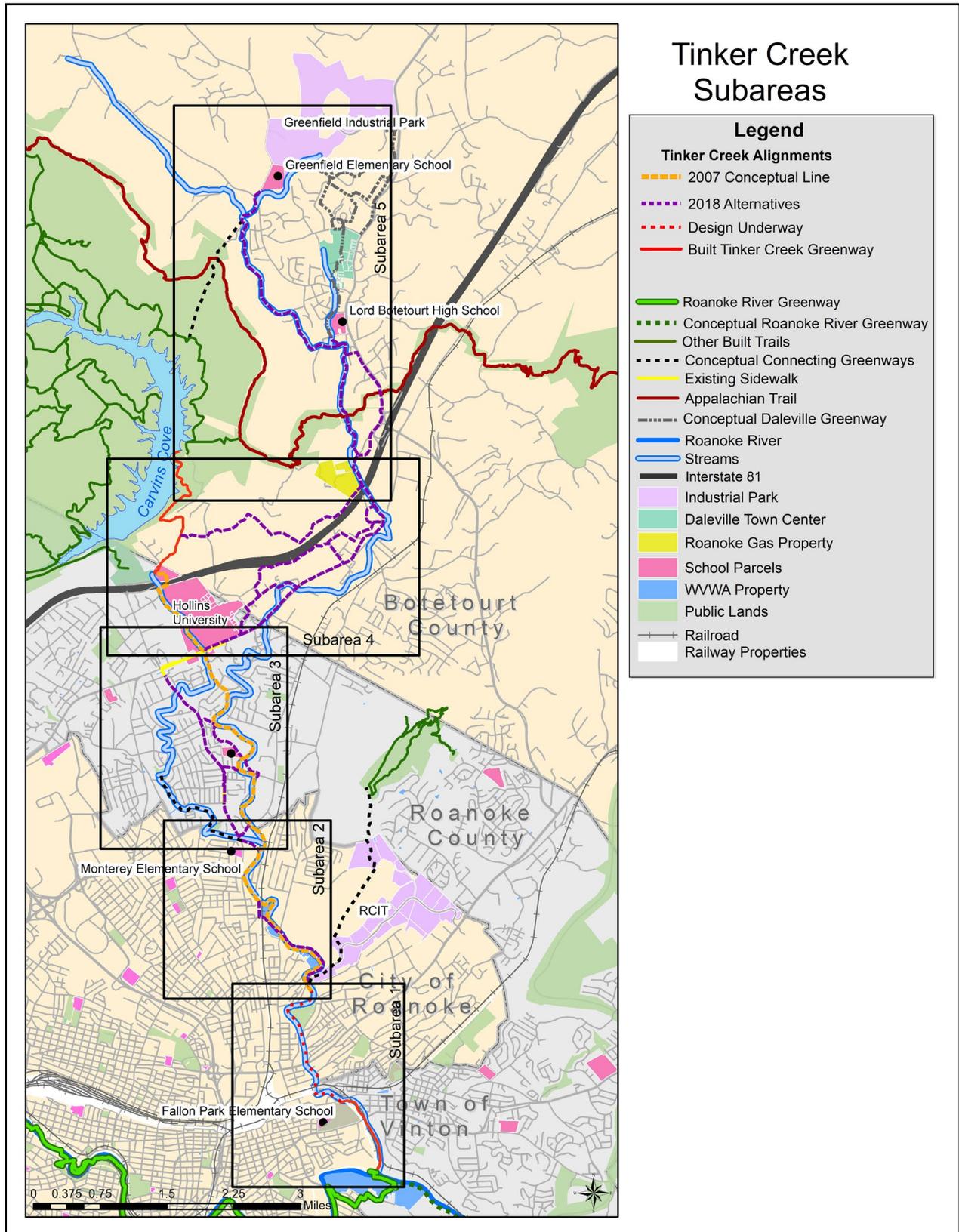


Lick Run Greenway, example of off-road option



Garden City Trail, example of on-road option

Figure 6. Tinker Creek Greenway Subareas



Subarea 1: Wise Avenue to Mason Mill Park (City of Roanoke)

Distance: 1.8 miles

Trail Access: Wise Avenue/Fallon Park, Orange Avenue, 13th Street, Mason Mill Road, Mason Mill Park

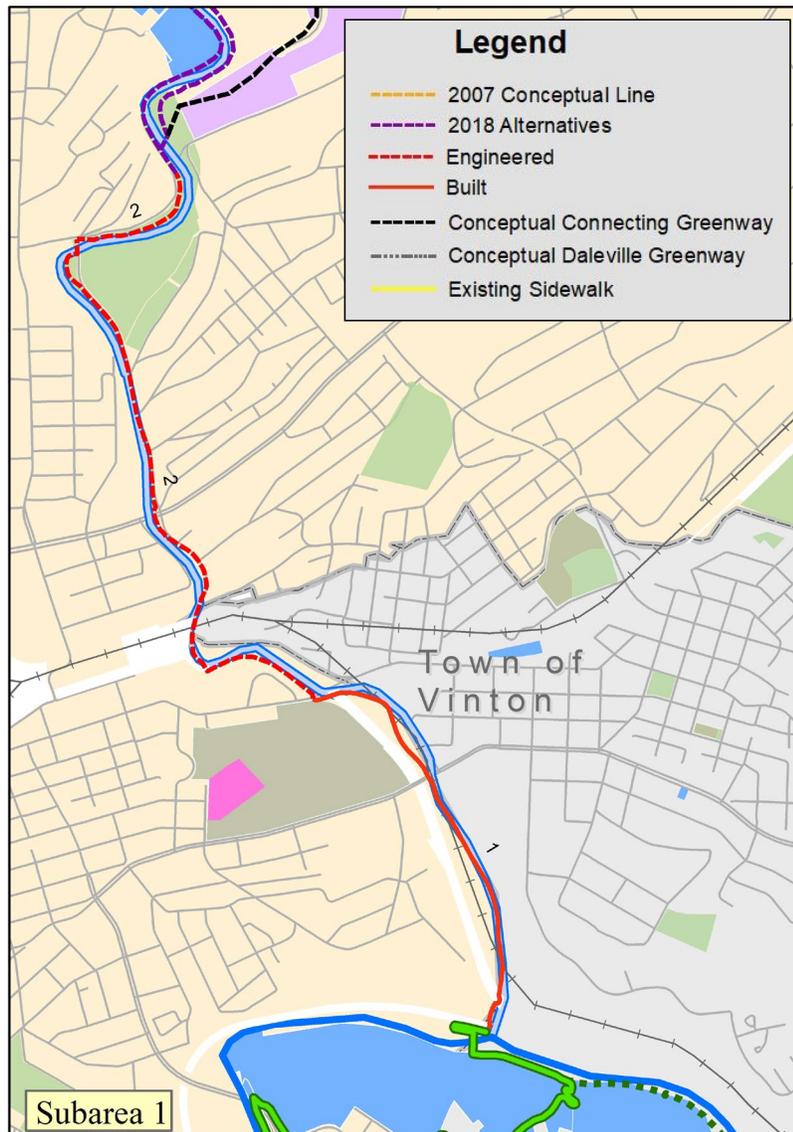
Alignment Alternatives Considered: One: Creek corridor

New trailhead proposed: 13th Street

Scoring of Segments by Evaluation Criteria (p. 14-17)

Seg#	Score	Locality	Location
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No segments were scored for this subarea, as the engineering and design are underway.



Trail Alignment Description:

Design for this section is underway. The trail will be constructed as a shared-use, paved path, separated from vehicular traffic, following the creek from the existing trailhead at Wise Avenue to Orange Avenue. At Orange Avenue, the trail will utilize a grade-separated crossing under Orange Avenue to continue upstream along 13th Street, between the creek and the road, on river left (east). A new trailhead is proposed on 13th Street across from East Gate Park. A new trail bridge will be installed to cross the creek at the intersection of 13th Street and Mason Mill Road. The trail will then travel east, parallel to Mason Mill Road, on river right.

At the next creek crossing along Mason Mill Road, a modification of the existing bridge deck will be feasible to continue to keep the trail separated from vehicular traffic. The trail will continue to the Mason Mill Park trailhead where it will connect to the proposed Read Mountain Greenway, a future connection to the Roanoke Centre for Industry and Technology and Read Mountain Preserve. For additional information on the Read Mountain Greenway see the *Roanoke Valley Greenway Plan, 2018 Update, Chapter 4.2.38*.

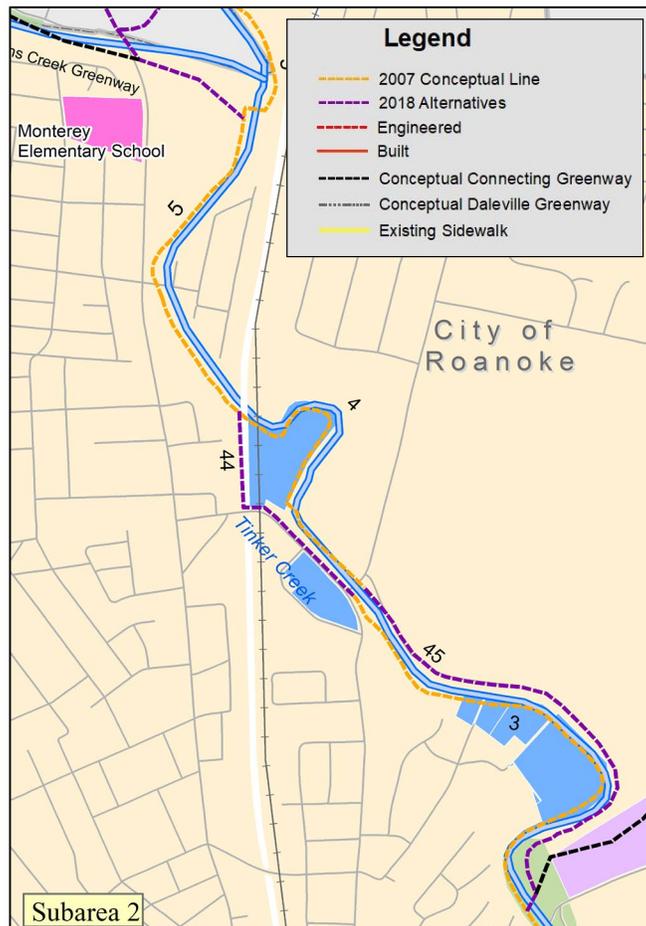
Subarea 2: Mason Mill Park to Hollins Road at the Roanoke City/Roanoke County Boundary

Distance: 2.5 miles

Trail Access: Mason Mill Park, Old Mountain Road, Hollins Road, Columbia Road

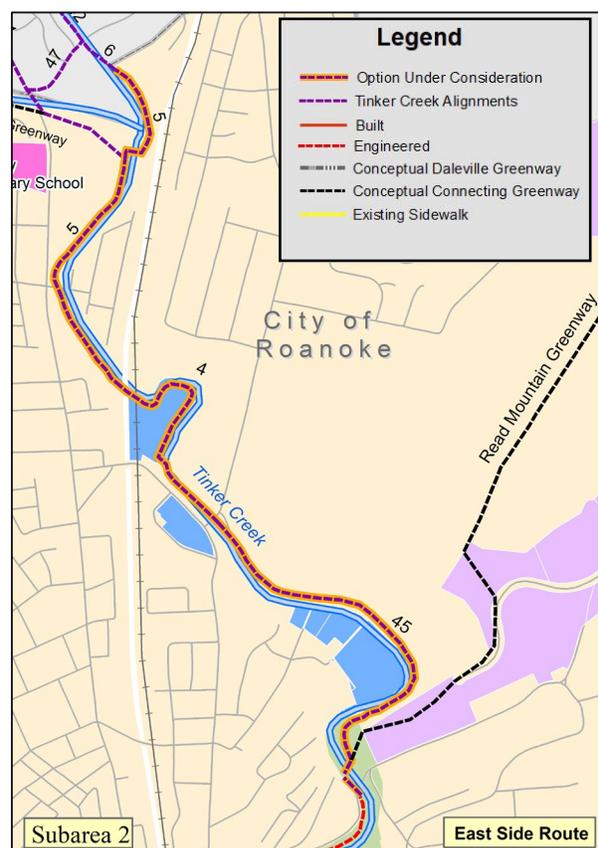
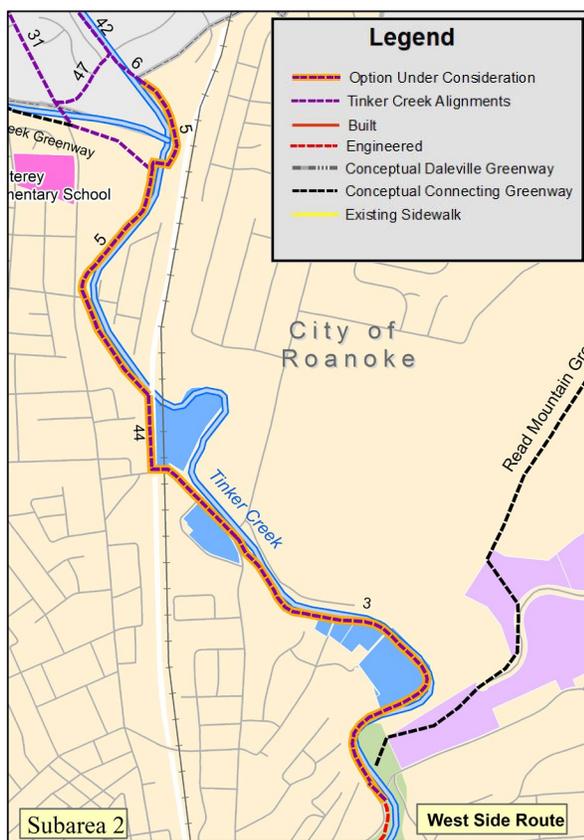
Alignment Alternatives Considered: Two: East of the creek and west of the creek

Scoring of Segments by Evaluation Criteria (p. 14-17)			
Seg#	Score	Locality	Location
3	31	City	Along the creek, Mason Mill to Old Mountain Road west side (river right)
4	19	City	Along the creek, Old Mountain Road to Columbia Street
5	21	City	Along the creek, Columbia Street to Hollins Road/Roanoke County line
44	13	City	Old Mountain Road to Columbia Street, west side on-road to link with abandoned rail right-of-way
45	35	City	Along the creek, Mason Mill to Old Mountain Rd east side (river left)



Trail Alignment Descriptions: The **west** side route (#3, 44, 5) would follow the creek across several properties owned by the Western Virginia Water Authority and the Housing Authority. It would then follow an old railroad right-of-way through commercial properties (easement not yet secured). The trail would cross Columbia Street, at-grade, continue upstream to Hollins Road, and connect with the Roanoke County section at the American Tire property (#5).

The **east** side alternative (#45, 4, 5) would go north from Mason Mill Park, on the east side of the creek, skirting two golf courses and private properties. At Old Mountain Road, the trail would cross under the road and continue on the east side (#4). A bridge would be needed upstream of Old Mountain Road to cross over to the west side of the creek and follow an old railroad right-of-way (easement not yet secured). The trail would cross Columbia Street, at-grade, continue upstream to Hollins Road, and connect with the Roanoke County section at the American Tire property (#5).



Planning Considerations/Public Comment:

- Both options require right-of-way: golf courses, private properties, commercial properties for rail trail segment.
- Detailed analysis will be required for the trail alignment at the two existing bridges located at Hollins Road and Old Mountain Road and for any new trail bridge.
- Both options require an at-grade crossing at Columbia Street.

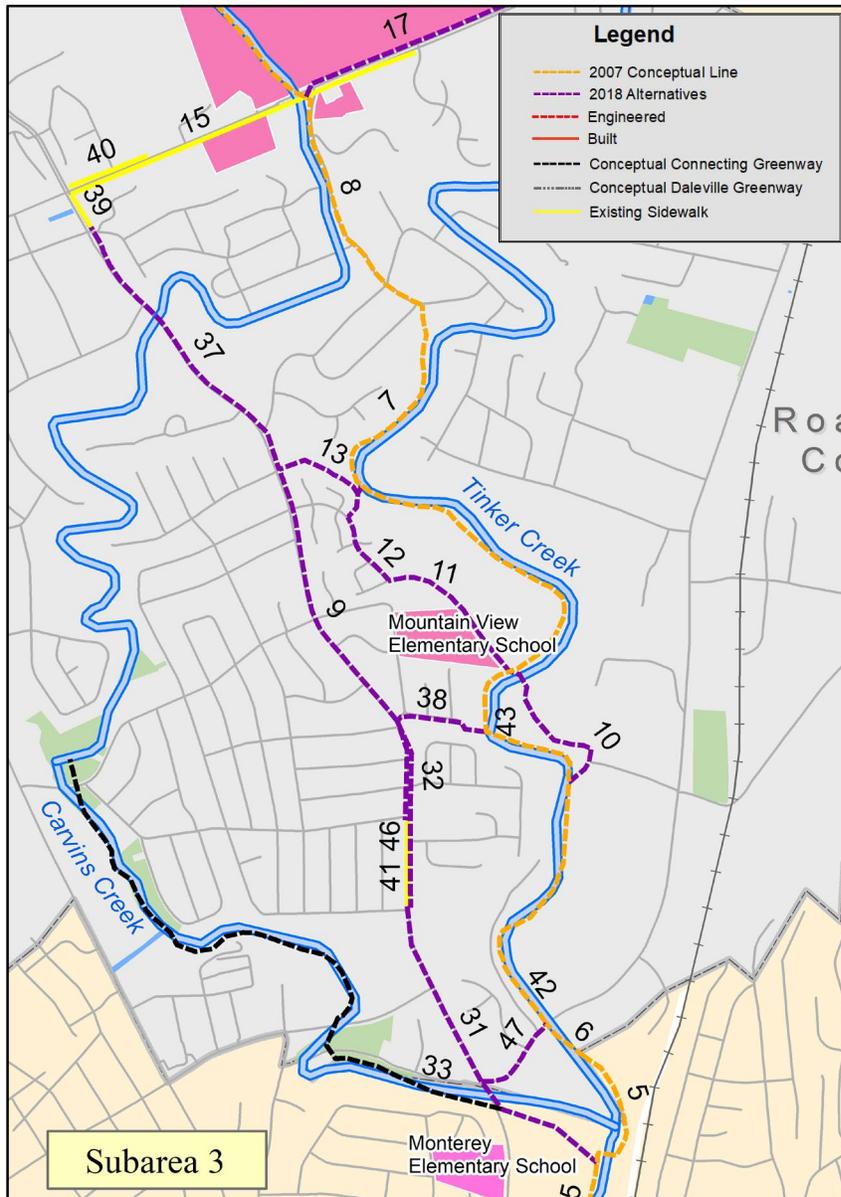
**Subarea 3: Hollins Road at the Roanoke City/Roanoke County Boundary to
U.S. 11/Williamson Road at Carvin Creek (Roanoke County)**

Distance: Approximately 3 miles. Hollins Road to Mountain View Elementary School: 1.5 miles, Mountain View Elementary School to Williamson Road: 1.4 to 1.6 miles

Trail Access: Hollins Road, Mountain View Elementary School. Depending on the route, there is potential for continuous access along Plantation Road and Williamson Road.

Alignment Alternatives Considered: Three: On-road, along creek, combined creek-road

Scoring of Segments by Evaluation Criteria (p. 14-17)			
Seg#	Score	Locality	Location
6	25	Roanoke Co.	Roanoke City/Roanoke County Jurisdiction Line to Hollins Road
7	15	Roanoke Co.	Along the creek, Mountain View Elementary School to LaMarre Drive (2007 plan, conceptual line)
8	29	Roanoke Co.	LaMarre Drive: Tinker Creek to Williamson Road
9	27	Roanoke Co.	Plantation Road: Old Manor Drive to Hedgelawn Avenue
10	11	Roanoke Co.	Tinker Creek crossing east alternate, north of Ardagh property
11	14	Roanoke Co.	Tinker Creek crossing to southern edge of Flora Farm Road, Mountain View Elementary School connection
12	16	Roanoke Co.	Flora Farm Road through the <i>Village at Tinker Creek</i>
13	8	Roanoke Co.	<i>Village at Tinker Creek</i> to Plantation Road
14	2	Roanoke Co.	<i>Village at Tinker Creek</i> to Tinker Creek
15	--	Roanoke Co.	U.S. 11/Williamson Road, existing sidewalk, south side between Plantation Road and Hollins Court Drive (Existing sidewalks not scored)
16	27	Roanoke Co.	Along the creek from Williamson Road to the I-81/Tinker Creek Greenway Trailhead
17	35	Roanoke Co.	U.S. 11/Williamson Road from Campus Drive through Sadler Park to Roanoke/Botetourt County Line
31	35	Roanoke Co.	Plantation Road west side: Carvin Creek to existing Vista Ave sidewalk
32	32	Roanoke Co.	Plantation Road west side: from Santee Road to Old Manor Drive
33	27	Roanoke Co.	Carvin Creek Greenway spur, between Cosmetic Essence Innovations (CEI) and Big Lick Driving Range to Plantation Road
36	27	Roanoke Co.	U.S. 11/Williamson Road from near Sadler Park to Botetourt County
37	38	Roanoke Co.	Plantation Road: Hedgelawn Avenue to existing CVS sidewalk
38	5	Roanoke Co.	Old Manor Drive: Plantation Road to Tinker Creek
40	--	Roanoke Co.	U.S. 11/Williamson Road, existing sidewalk, north side between Plantation Road and Marson Road (Existing sidewalks not scored)
42	31	Roanoke Co.	Hollins Road to northern edge of Ardagh property
43	15	Roanoke Co.	Northern edge of Ardagh property to segment 11 (Tinker Creek crossing to Flora Farm Road)
46	28	Roanoke Co.	East side of Plantation Road: Vista Avenue to Old Manor Drive (other side of Plantation Road from #32)
47	33	Roanoke Co.	Hollins Road: the Tinker Creek bridge to Plantation Road



Subarea 3 provided many alignment options. After evaluating all and listening to the community, staff combined segments into three trail alignment alternatives, described on following pages.

Road corridor: Roanoke City/Roanoke County boundary to Hollins Road to Plantation Road to Williamson Road.

Combined stream-road route: Roanoke City/Roanoke County boundary along the stream corridor to Mountain View Elementary School connecting to Plantation Road to Williamson Road.

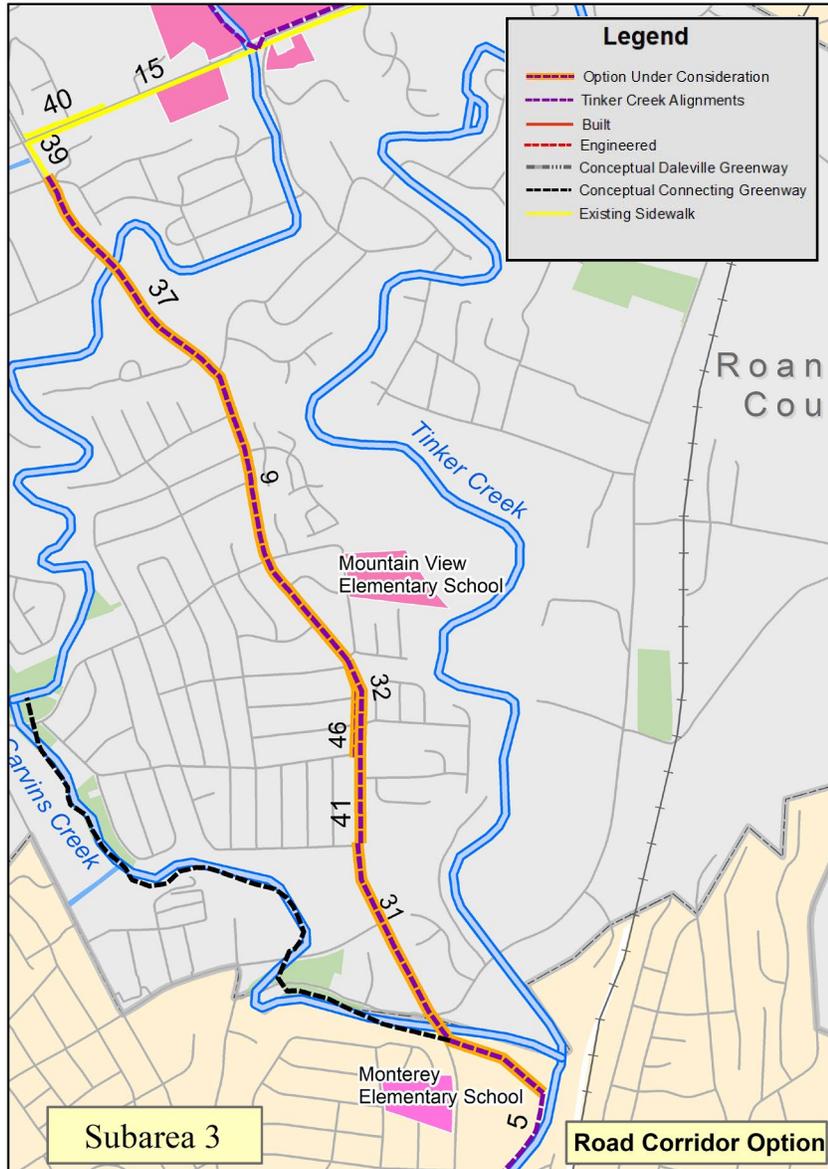
Creek corridor: Roanoke City/Roanoke County boundary to Williamson Road along Tinker Creek and Carvin Creek.

Subarea 3: Road Corridor Option

Route Description: From the Roanoke City/Roanoke County boundary, the trail would continue on Hollins Road to Plantation Road, and then along the Plantation Road right-of-way (segments #31, 32, 46, 9 and 37) north to Williamson Road. From there the trail would be routed east along Williamson Road on existing sidewalk (#15) to the Hollins University entrance at Campus Drive.

Planning Considerations/ Public Comment

- This option received the greatest support from the residents in adjacent neighborhoods.
- Plantation Road already has large right-of-way on many sections.
- This route is considered the least scenic and the least connected to Tinker Creek.
- Plantation Road on-road routes need to be coordinated with a future road improvement project and address safety concerns.

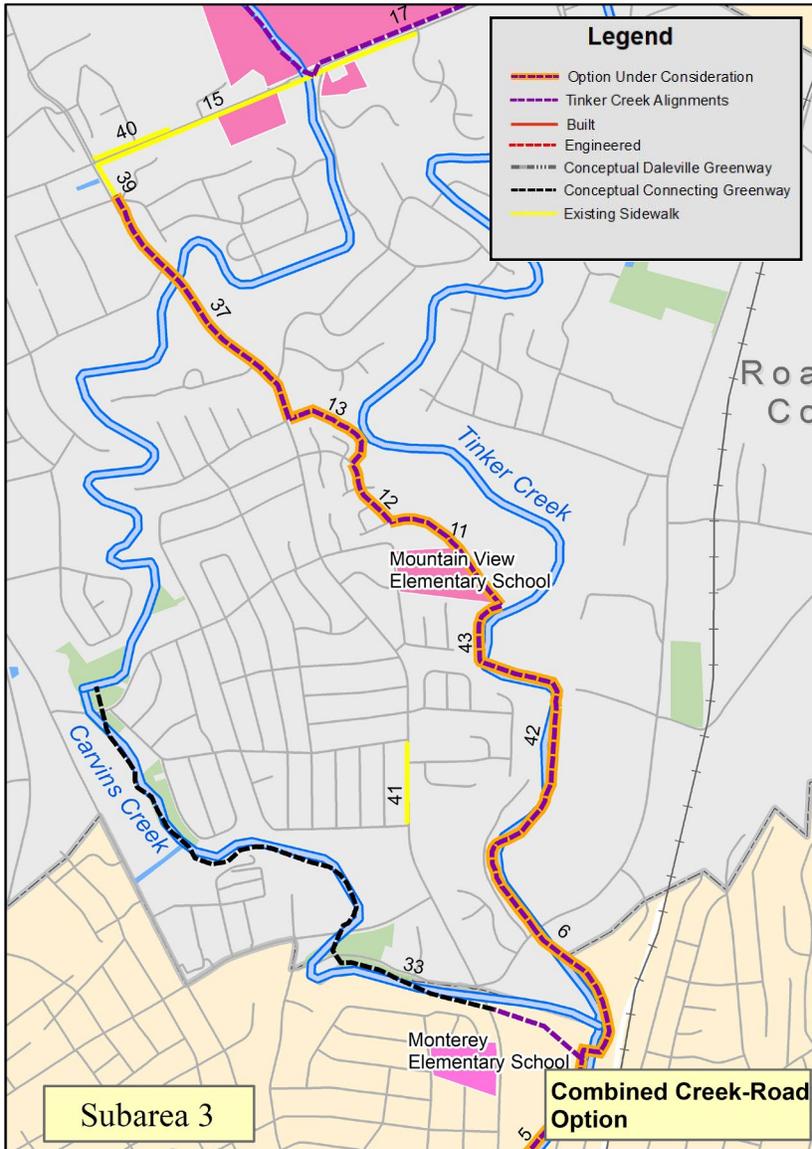


Subarea 3. Combined Creek-Road Option

Route Description: From the Roanoke City/Roanoke County boundary, the route would continue on the east side of Tinker Creek (#6) on the commercial Ardagh property (#42) and continue north along the creek to just south of Mountain View Elementary School (#43). A bridge would be needed to cross over to the west side of Tinker Creek near the school. The route would continue uphill to the school (#11), then to Plantation Road right-of-way (#12, #13 or other public road right-of-way). The route would follow Plantation Road to U.S 11/Williamson Road to the Hollins University entrance at Campus Drive.

Planning Considerations/ Public Comment

- Ardagh, a manufacturing company east of the creek on Hollins Road, has indicated a willingness to have the greenway on its property.
- Easements need to be secured for most of the stream alignment section.
- A bridge over the creek near Mountain View Elementary School will be an expensive component of the project.
- Plantation Road on-road route needs to be coordinated with a future road improvement project and address safety concerns.

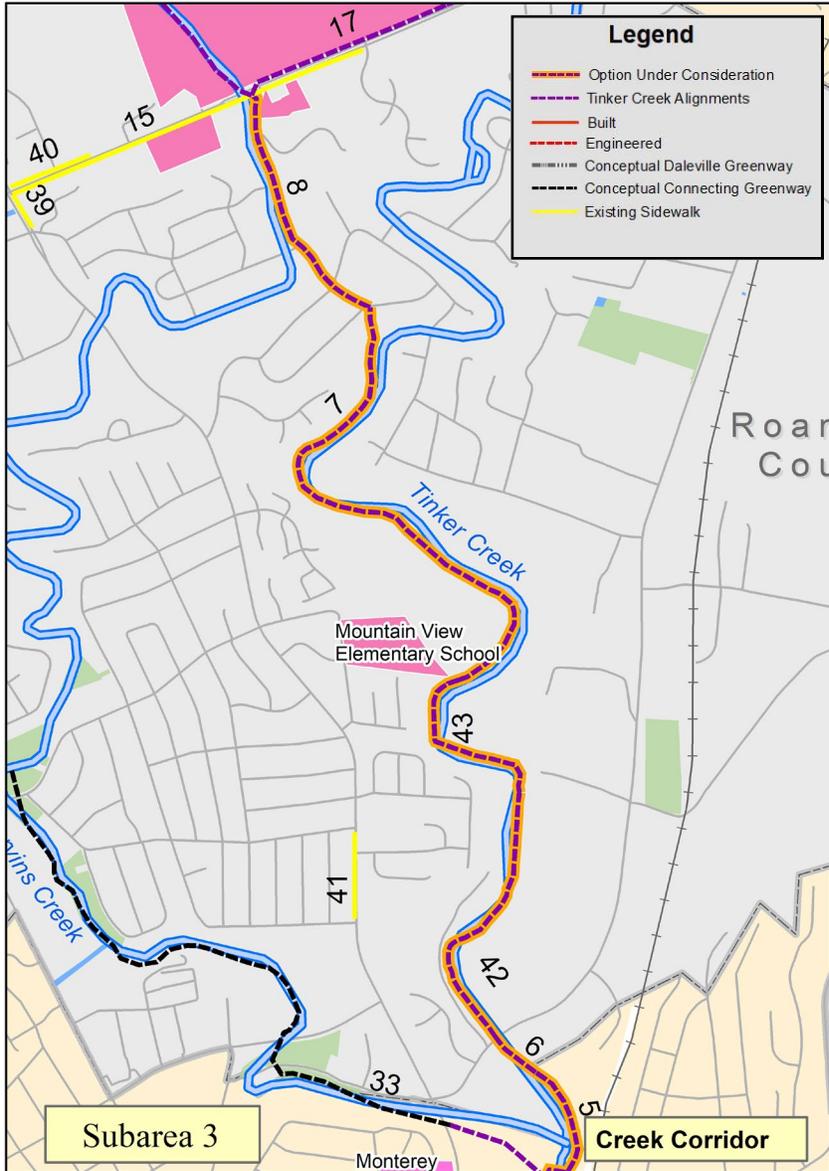


Subarea 3. Creek Corridor Option

Route Description: From Hollins Road, the route (#6 and 42) would continue on the east side of Tinker Creek from the Ardagh property (easement not yet secured) and north along the creek (#43) to Mountain View Elementary School. A bridge would be needed to cross over to the west side and on to the school property. The trail would continue upstream (#7) on the west side of the creek to LaMarre Drive where it would continue on-road (#8) to connect to Williamson Road across from the Hollins University entrance.

Planning Considerations/ Public Comment:

- Multiple property owners located along the creek do not support this option.
- In several areas there is limited space between the creek and residential structures.
- This route would be the most scenic and would provide opportunities for historical interpretation.
- Easements need to be secured for most of the stream alignment route.
- There are steep slopes along some sections of Tinker Creek.
- A bridge over the creek near Mountain View Elementary School will be an expensive component of the project.



**Subarea 4: U.S. 11/Williamson Road at Carvin Creek (Roanoke County) to
I-81/Tinker Creek Overpass (Botetourt County)**

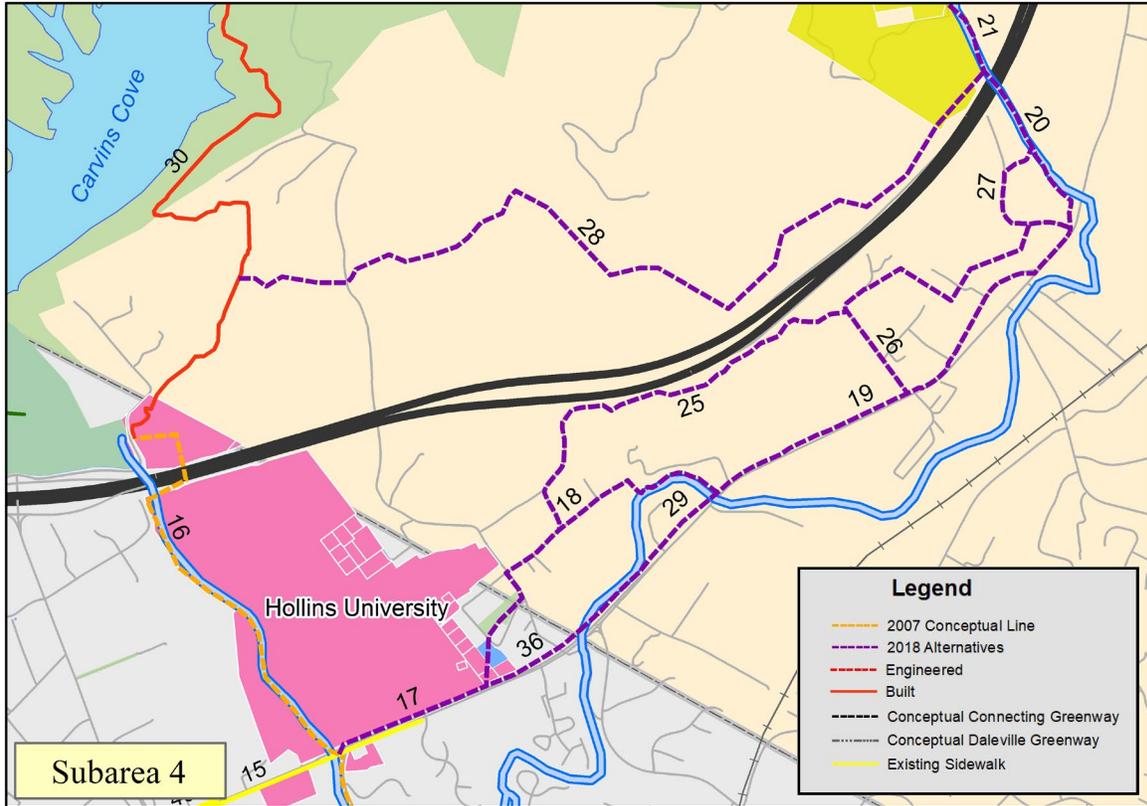
Distance: 3.4 to 4 miles

Trail Access: Lee Highway, Hollins University, Tinker Creek Trailhead, potential connection to Carvins Cove, Tinker Mountain Road

Alignment Alternatives Considered: Three: On-road, combination of on and off-road, off-road around Tinker Mountain

Scoring of Segments by Evaluation Criteria (p. 14-17)			
Seg#	Score	Locality	Location
16	27	Roanoke Co.	Along Carvin Creek from Williamson Road under I-81 to the existing I-81/Tinker Creek Greenway Trailhead
17	35	Roanoke Co.	U.S. 11/Williamson Road from Campus Drive through Sadler Park to the Roanoke/Botetourt County Line
18	16	Botetourt Co.	Roanoke/Botetourt County Line to U.S. 11/Lee Highway via Cufftown Road and Brown Road
19	25	Botetourt Co.	U.S. 11/Lee Highway: from the Tinker Creek bridge near Vista Drive to Gibson Lane
20	25	Botetourt Co.	Along Tinker Creek from U.S. 11/Lee Highway to the I-81 overpass
25	14	Botetourt Co.	Private land east of I-81: Old Mill Drive to Bryant Road to Gibson Lane
26	25	Botetourt Co.	Bryant Road: U.S. 11/Lee Highway to road ending at the I-81 emergency access
27	9	Botetourt Co.	Gibson Lane: U.S. 11/Lee Highway to private driveway and back to Tinker Creek
28	26	Botetourt Co.	Side of Tinker Mountain: from the existing Tinker Creek Greenway to Roanoke Gas property and Tinker Creek near the I-81 overpass
29	25	Botetourt Co.	U.S. 11/Lee Highway: from the Roanoke/Botetourt County Line to the Tinker Creek bridge near Vista Drive
30		Roanoke/Botetourt Counties	Tinker Creek Greenway: existing section from I-81 Trailhead to Carvins Cove (Existing trail segment was not scored)
36	27	Roanoke Co.	U.S. 11/Williamson Road from near Sadler Park on U.S. 11 to the Roanoke/Botetourt County Line

Note: An alignment along the creek was initially considered between LaMarre Drive and Gibson Lane, but after further study, it was found to be severely limited due to existing development. From LaMarre Drive to the Summer View Drive/U.S. Route 11 intersection, the creek is constricted by residential developments with limited space between the creek and structures. From Summer View Drive to Gibson Lane, the creek crosses under U.S. Route 11 three times and is constricted by the highway and commercial/industrial development.



Subarea 4 is bisected by I-81, which restricts the development of options. Currently, there are three locations where it is possible to cross under the interstate: one at Hollins University, one on Reservoir Road and one at Tinker Creek. After evaluating the options, staff combined segments into three trail alignment alternatives, described on the following pages.

Road corridor: U.S.11/Lee Highway corridor from Hollins University to Cloverdale and I-81 underpass at Tinker Creek.

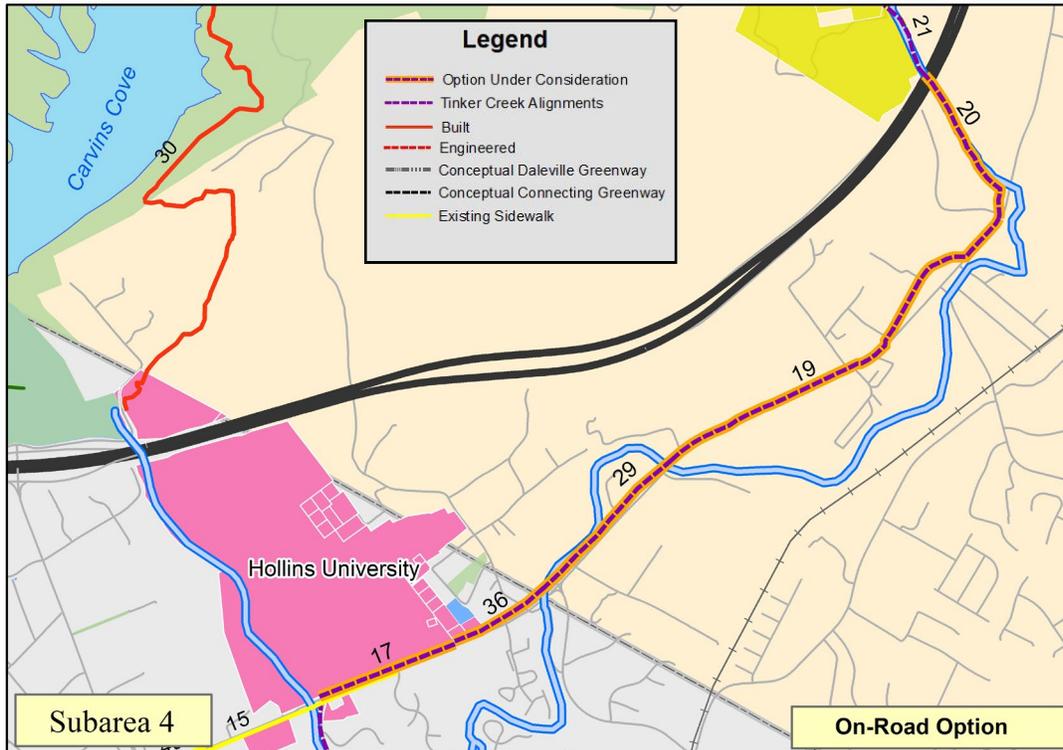
Combined stream-road route: Use U.S. 11 Lee Highway corridor but route off the highway where feasible between Williamson Road at Hollins University and the I-81 underpass at Tinker Creek.

Off-road corridor: Tinker Mountain option. Cross under I-81 at Hollins University and continue on the northwest side of I-81, off-road, around the base of the mountain to the Tinker Creek underpass.

These options are described in more detail on the following pages.

Subarea 4. U.S.11/Lee Highway On-Road Option

Route Description: The trail would be routed along Lee Highway from Hollins University to Gibson Lane (#17, #36, #29, #19), and then on Gibson Lane or along Tinker Creek to the I-81 overpass (#27 or #20). There is limited space and private property at the I-81 overpass.

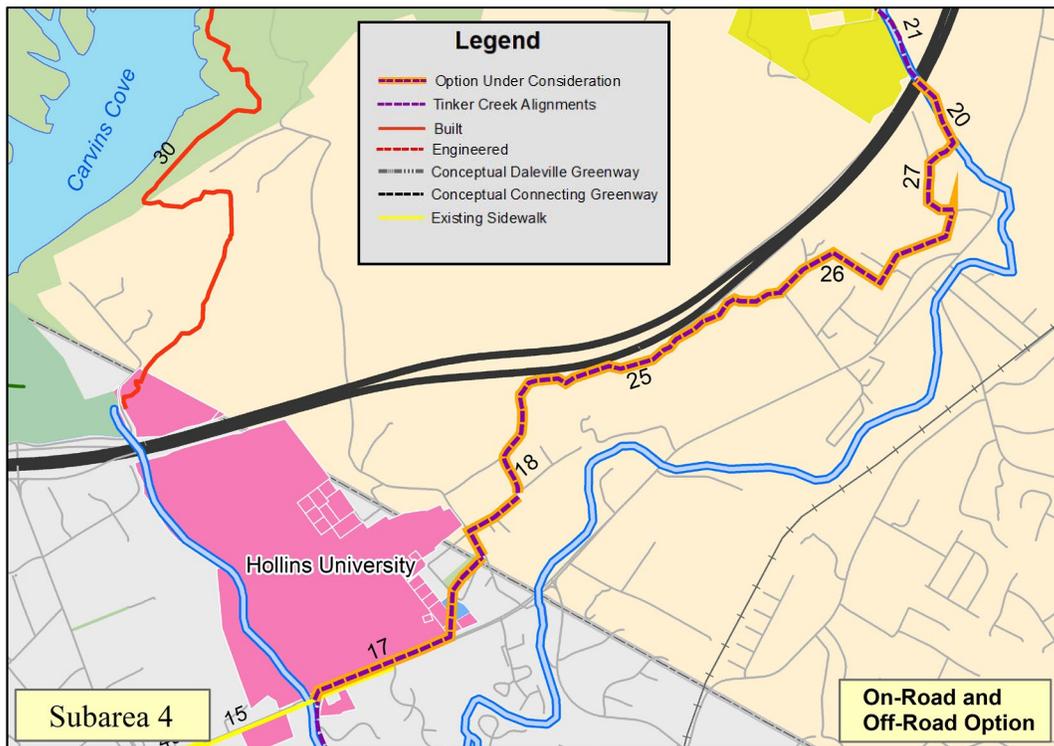


Planning Considerations/Public Comment:

- The crossing of I-81 presents a significant physical barrier. Tinker Creek's passage under I-81 is constricted by an active rail line and private property on both sides.
- Right-of-way would need to be secured from VDOT and/or private property owners along Lee Highway.
- Trail design options will require coordination with VDOT and will need to address safety concerns.
- The Lee Highway option is the most direct, and desirable for commuters, but land use and vehicular traffic make it less desirable aesthetically and less desirable for recreation.
- Development of the Gateway Crossing UDA needs to be integrated into future planning (see Subarea 5 for additional information).

Subarea 4. U.S.11/Lee Highway On-Road and Off-Road Option

Route Description: The trail would be routed along Lee Highway in front of Hollins University (#17) but then off-road at the campus southeast border to Sadler Park, and along Emerald Lane to Reservoir Road. The route would continue onto low volume back roads including Old Mill Drive, Brown Road, Cufftown Road, and Bryant Road (#18, #25, #27) connecting to Gibson Lane. There are significant sections where the trail would be routed across private property to connect road segments. At Gibson Lane, the trail would be routed to the I-81 overpass (#20).

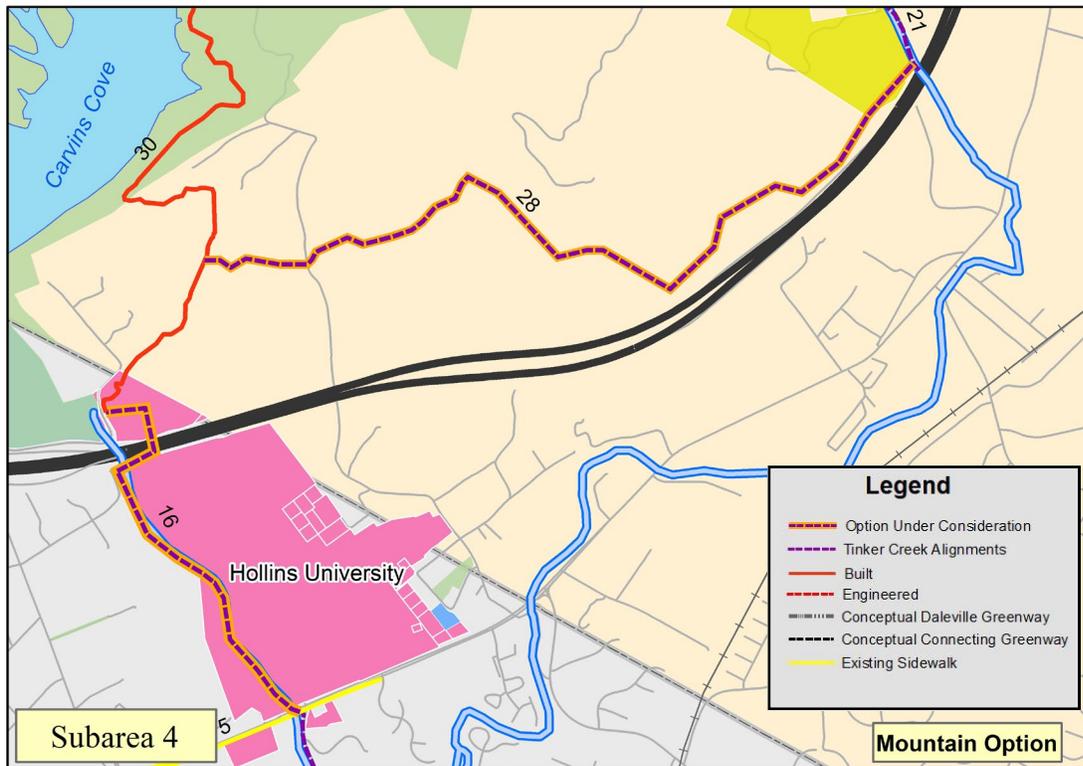


Planning Considerations/Public Comment:

- The crossing of I-81 presents a significant physical barrier. Tinker Creek’s passage under I-81 is constricted by an active rail line and private property on both sides.
- Right-of-way would need to be secured from numerous private property owners.
- Highway segments will require coordination with VDOT and will need to address safety concerns.
- Development of the Gateway Crossing UDA needs to be integrated into future planning (see Subarea 5 for additional information).

Subarea 4. Tinker Mountain Off-Road Option

Route Description: From Lee Highway the trail would be routed along Carvin Creek on Hollins University or adjacent private property, and under I-81 utilizing the existing tunnel and section of the Tinker Creek Greenway (#16, #30). Mid-way up the mountain the trail would be routed on a contour around the southeast side of Tinker Mountain (#28) connecting back to the creek near Tinker Mountain Road. Easements would be needed from Hollins University, utilities, and several private property owners.



Planning Considerations/Public Comment:

- I-81 presents a significant physical barrier. This option could utilize the existing access under the interstate near the Tinker Creek trailhead off Plantation Road.
- Right-of-way would need to be secured from Hollins University, Appalachian Power, Roanoke Gas, and individual private property owners.
- Future trail development should consider completion of Segment #16, in order to provide an improved connection to Carvins Cove, regardless of which Tinker Creek Greenway option is selected. If Tinker Creek Greenway alignment takes an alternative route, #16 and #30 could become part of Carvin Creek Greenway.
- Trail design for the Tinker Mountain route option would need to address steep slopes and might require construction as a natural surface trail.
- The Tinker Mountain route could provide an exceptional recreational experience, but would be less useful than other options as a commuter route.
- Development of the Gateway Crossing UDA needs to be integrated into future planning (see Subarea 5 for additional information).

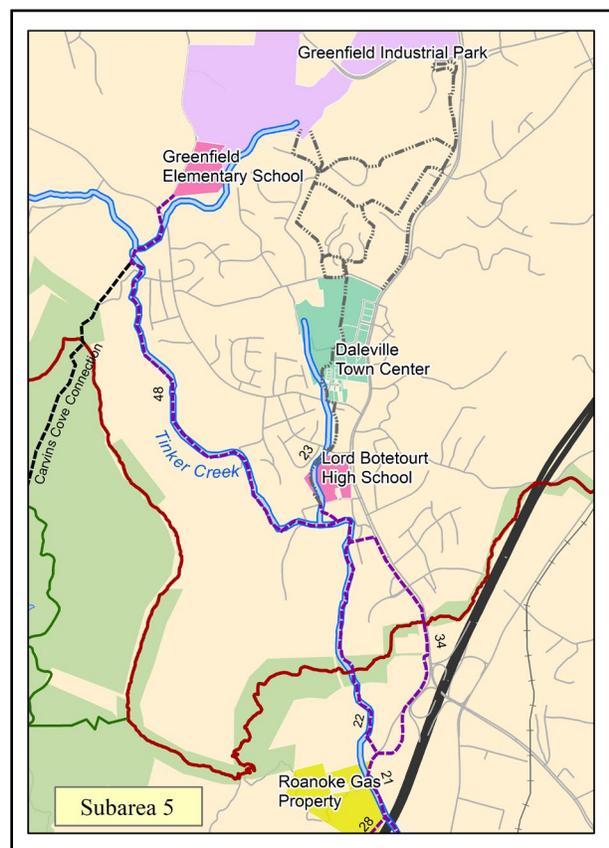
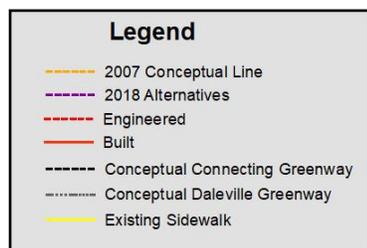
Subarea 5: I-81/Tinker Creek Overpass to Daleville Greenway and/or Greenfield (Botetourt County)

Distance: 2.0 – 2.4 miles

Trail Access: Lord Botetourt High School, Daleville Town Center, other sites to be determined

Alignment Alternatives Considered: Three: On-road along US 220, along Tinker Creek to Daleville Greenway at Rt. 779, along Tinker Creek to Greenfield Elementary School, with some on-road sections

Scoring of Segments by Evaluation Criteria (p. 14-17)			
Seg#	Score	Locality	Location
21	26	Botetourt Co.	Along the creek from the I-81 overpass to Tinker Mountain Road
22	37	Botetourt Co.	Tinker Mountain Road past Lord Botetourt High School to Azalea Road
23	37	Botetourt Co.	Daleville Greenway: Azalea Road to Catawba Road connection to Daleville Town Center
34	25	Botetourt Co.	Along Tinker Mountain Road and U.S. 220/Roanoke Road to connect back with Tinker Creek near College Drive
48	-	Botetourt Co.	Along Tinker Creek from Tinker Mill Road to Etzler Road (<i>connects to Greenfield Elementary School and Greenfield Recreation Park</i>)

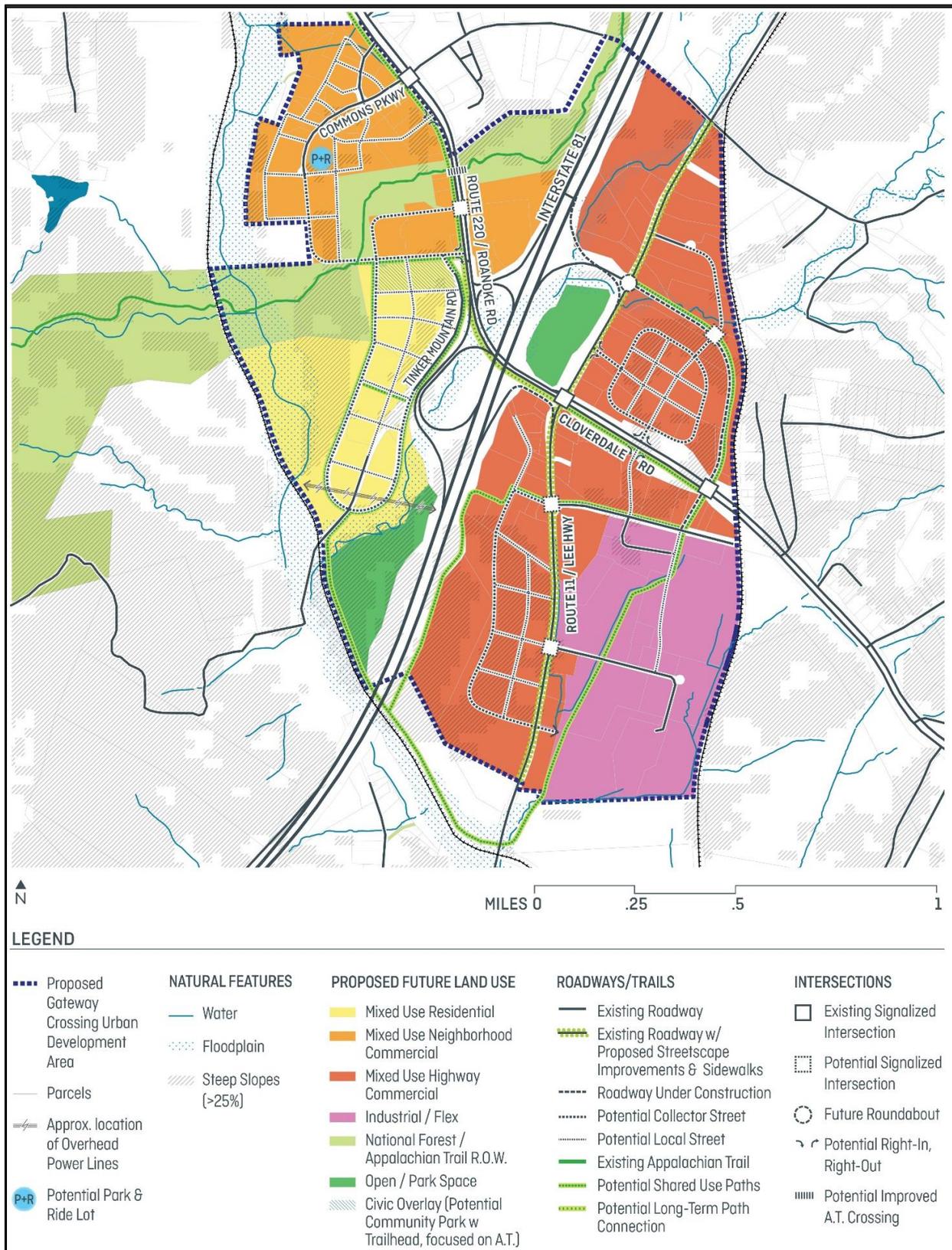


Botetourt County developed the Gateway Crossing Area Plan in 2016. This Urban Development Area (UDA) Plan includes the following recommendations, which were considered when developing alternatives for Subarea 5:¹

- Development of a system of shared use paths that connect new development in Gateway Crossing to Daleville Town Center
- Improvements along U.S. 220 consisting of a landscaped buffer between the travel lane and sidewalk, street trees for shade, and a wide shoulder or bicycle lane for bicyclists.
- Development of a bicycle and pedestrian path along Tinker Creek under Interstate 81 to connect the west and east sides of the district.
- The plan also identifies opportunities for bicycle and pedestrian amenities on the eastern side of Gateway Crossing that would connect to Tinker Creek.
- A potential new public park and trailhead for the AT, along the proposed extension of Commons Parkway.
- Safety improvements for the AT crossing of U.S. 220, which could include a pedestrian- activated signal, a pedestrian safety island in the U.S. 220 median, or a bridge over the highway.

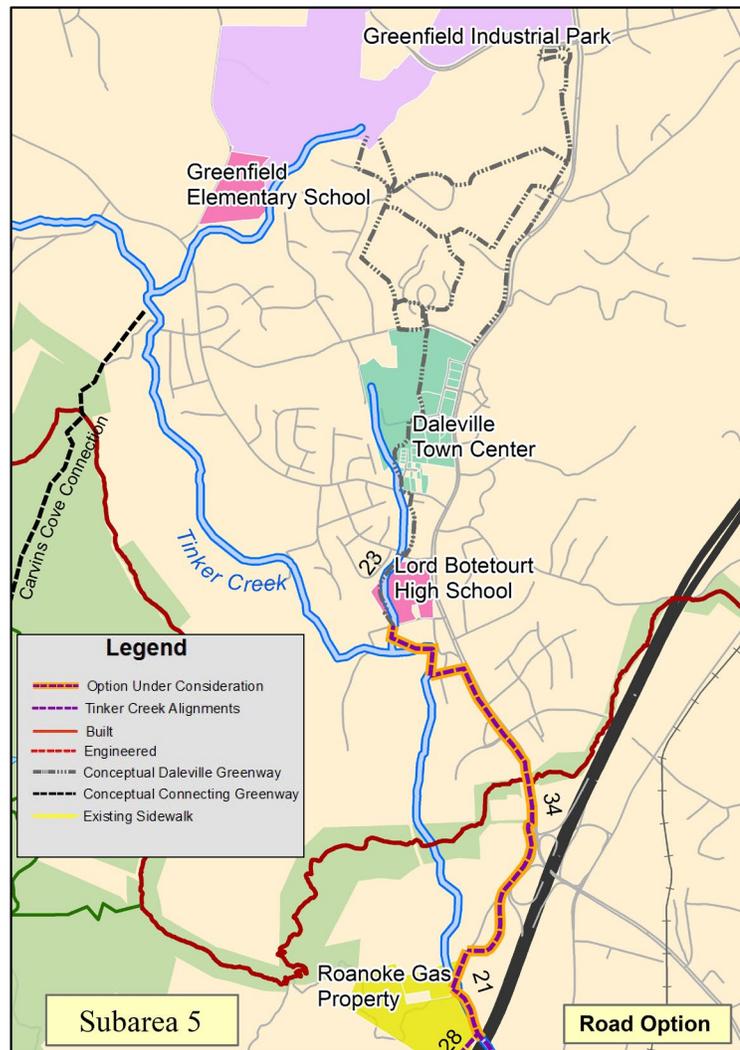
¹ [*Gateway Crossing Area Plan, Final, prepared by Renaissance Planning, on behalf of Botetourt County, Virginia, November 2016*](#)

Figure 7. Gateway Crossing Area Plan, Botetourt County



Subarea 5. U.S. 220/Roanoke Road corridor to Daleville Greenway

Route Description: From the I-81 overpass, the trail would extend north along Tinker Mountain Road to U.S. 220/Roanoke Road, where it would continue north in the road right-of-way to a point near the intersection of College Drive. The route would then connect back to Tinker Creek just downstream of Tinker Mill Road and the Lord Botetourt High School ball fields. There the route would connect to Daleville Greenway, which will go north across Azalea Drive to Catawba Road and connect with the Daleville Town Center.

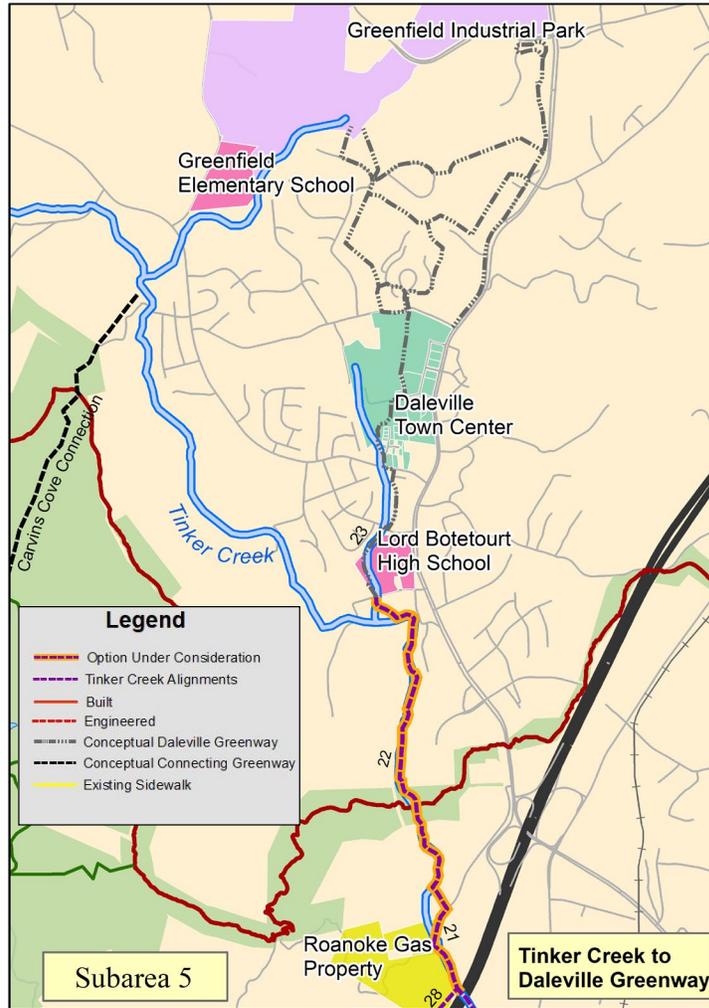


Planning Considerations/Public Comment

- Trail routing needs to be integrated with the Gateway Crossing and Daleville Town Center UDA planning efforts, currently underway.
- The U.S. 220 highway corridor provides the most direct link to commercial services.
- Trail design will need to be coordinated with VDOT and take into account safety concerns.
- Right-of-way may need to be secured from private property owners.

Subarea 5. Tinker Creek Corridor to Daleville Greenway

Route Description: From the I-81 overpass, the trail would extend north along the creek from Tinker Mountain Road, cross over Tinker Mill Road and connect to the Daleville Greenway near the Lord Botetourt High School ball fields.

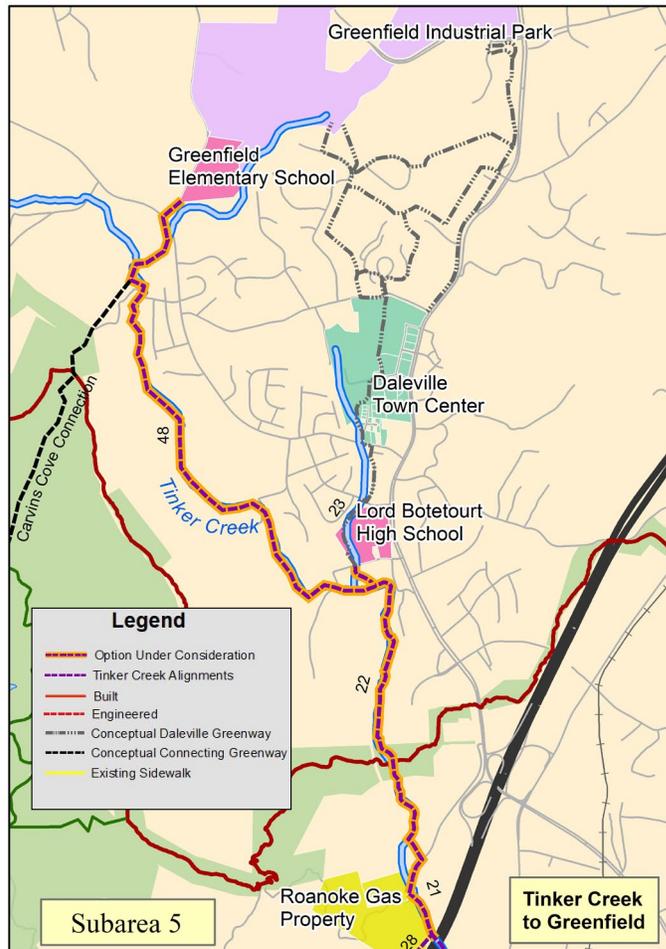


Planning Considerations/Public Comment

- Trail routing needs to be integrated with the Gateway Crossing and Daleville Town Center UDA planning efforts, currently underway.
- Stream corridor options provide a more aesthetic setting than the U.S. 220 on-road corridor.
- Right-of-way will need to be secured from several private properties.
- This route provides a direct connection to Daleville Town Center.
- Several property owners have expressed concern over routing of the trail near their property. Mitigation of impacts should be evaluated during trail design.
- The Appalachian Trail crosses this segment and a trail crossing will require coordination with the National Park Service and Appalachian Trail Conservancy.

Subarea 5. Tinker Creek Corridor to Greenfield

Route Description: From the I-81 overpass, the trail would extend north along Tinker Creek approximately 2 miles, and then overland to the intersection of Catawba Road and Etzler Road. The route would then continue along Etzler Road to connect to Greenfield Elementary School, Greenfield Recreation Park and Botetourt Center trails. Route 49 was added based on public input; it was not ranked by staff against the evaluation criteria.



Planning Considerations/Public Comment

- This option extends the greenway all the way to Greenfield with most of the alignment off road.
- Trail routing needs to be integrated with the Gateway Crossing and Daleville Town Center UDA planning efforts, currently underway.
- The stream corridor option provides a more aesthetic setting than the U.S. 220 highway corridor.
- Several property owners have expressed concerns about routing the trail near their property or through their farms.
- The Appalachian Trail crosses this segment, and a trail crossing will require coordination with the National Park Service and Appalachian Trail Conservancy.
- Design of the on-road sections and crossing of Rt. 779 will need to be coordinated with VDOT and take into account safety concerns.

IV. Implementation

Development of the Tinker Creek Greenway will not occur immediately but will evolve over time as funding and right-of-way easements are secured. As with previous segments, local jurisdiction staff will be following a multi-step trail development process.

Primary steps include:

- Establish funding mechanism for acquisition, design, and construction.
- Establish an outreach plan for keeping the public informed of progress.
- Secure approval of trail right-of-way from property owner(s) through land acquisition, purchase of easements, etc.
- Develop design and construction documents.
- Complete environmental review and permitting.
- Build trail segment and trailhead facilities.
- Develop management program (maintenance and operations).
- Develop and install signage.
- Revise marketing literature, maps, on-line guides.

A. Public Comment from Community Meetings

Approximately 100 citizens provided comments on the proposed Tinker Creek Greenway Plan at the various community meetings and forums. The majority of citizens supported a greenway and trail connection that linked the Roanoke River and downtown Roanoke to the Daleville Greenway and Greenfield. Other popular sites for connections included Carvins Cove, Read Mountain, community facilities, schools, and employment areas in the corridor. Some concerns were expressed by residents where the stream corridor was narrow and there was limited space between the creek and residences. This was a particular concern of residents in the neighborhoods near LaMarre Drive, where residents favored an alignment on Plantation Road away from private property. Several other residents in Botetourt County also expressed concerns about routing the trail near their property. These concerns will need to be addressed in the future as more detailed trail planning occurs.

B. Project Phasing

Each jurisdiction (City of Roanoke, Roanoke County, and Botetourt County) will advance their greenway segments while coordinating with adjacent jurisdictions to realize economies of scale when possible.

Short-Term, 1-5 years

- Roanoke City: from Fallon Park to Mason Mill Park
- Botetourt County: Daleville Greenway

Mid-Term, 5-10 years

- Roanoke County: from U.S. 11/Williamson Road to the Botetourt County line
- Botetourt County: from I-81/Tinker Mountain Road to Daleville Greenway

Long-Term, 10-20 years

- Roanoke City: from Mason Mill Park to Roanoke County line
- Roanoke County: from Roanoke City line to U.S. 11/Williamson Road
- Botetourt County: from Roanoke County line to I-81/Tinker Mountain Road

C. Cost and Funding Strategy

In the past, the Roanoke Valley Greenway Commission, the Roanoke Valley MPO/TPO, and local jurisdictions have been successful in securing transportation funds for greenway development. It is envisioned that the Tinker Greenway will also utilize these funding sources as well as private donations and in-kind support where feasible.

Funding secured to-date includes:

1. Botetourt County, \$476,000 in Transportation Alternatives Program (TAP) funding for the Daleville Greenway portion of the project, engineering underway. Awarded March 2015.
2. Roanoke County, \$217,424 in TAP funding for Williamson Road Pedestrian Improvements. Awarded June 2017.
3. City of Roanoke, \$225,000 Roanoke Economic Development Authority for the trail extension from Mason Mill Park to Blue Hills Drive (Phase 2 Ext, Read Mountain Greenway)
4. City of Roanoke, \$1,620,000 (UPC #110101) in Regional Surface Transportation Program (RSTP) funds were approved by the Roanoke Valley Transportation Planning Organization for the Tinker Creek Greenway, on April 27, 2017. An additional RSTP award of \$1,008,413 was approved June 2018.
5. City of Roanoke, \$484,413 in Transportation Alternatives funding was awarded June 2018 for Tinker Creek Greenway.
6. Town of Vinton, \$417,710 in Transportation Alternatives funding for Phase II of Glade Creek Greenway, awarded June 2016. Extends Phase I, which will connect the Town to the Tinker Creek Greenway.
7. Town of Vinton, \$1,446,282 in RSTP funds were approved March 22, 2018 for an on-road connection on Walnut Avenue from the Tinker Creek Greenway to Glade Creek Greenway in Vinton. (UPC# 111649).

Additional information on funding can be found in the *Roanoke Valley Greenway Plan, 2018 Update; Chapter 2.2.7 and Table 6-1.*

**Appendix F Web Sites for Referenced Documents
and Organizations**

Web Sites for Referenced Documents and Organizations
2018 Greenway Plan

Name of Organization or Document	Web Address
2007 Greenway Plan Map	http://www.greenways.org/wp-content/uploads/2018/06/2007planmap.pdf
2007 Update to the Roanoke Valley Conceptual Greenway Plan (2007 Plan)	http://greenways.org/wp-content/uploads/2018/06/2007greenwayplan.pdf
Appalachian Trail Conservancy	http://www.appalachiantrail.org/
Bikeway Plan for the Roanoke Valley Area Metropolitan Planning Organization	http://rvarc.org/wp-content/uploads/2013/12/RVAMPO-BikewayPlan-2012Updateweb.pdf
City of Roanoke, Carvins Cove	https://www.playroanoke.com/parks-facilities/carvins-cove-natural-reserve
Conceptual Greenway Plan, Roanoke Valley, Virginia, 1995 Plan	http://greenways.org/wp-content/uploads/2018/06/greenwayplan1995.pdf
Eagle Rock Greenway Engineering Study	http://www.botetourtva.gov/documents/parks_rec/102715_Eagle_Rock_Greenway_Prelim.pdf
Explore Park	http://www.explorepark.org/
Explore Park Adventure Plan	https://www.roanokecountyparks.com/454/Explore-Park-Adventure-Plan
Gateway Crossing Area Plan, Botetourt County	http://www.botetourtva.gov/documents/planning/GatewayCrossingAreaPlan_FINAL.pdf
Havens Wildlife Management Area, Department of Game and Inland Fisheries	https://www.dgif.virginia.gov/wma/havens/
Lick Run Greenway Phase III Feasibility study	https://issuu.com/roanokeparks/docs/lick_run_greenway_phase_iii_feasibility_study
Mill Mountain Park Management Plan	https://issuu.com/roanokeparks/docs/millmountain?laout=http%253A%252F%252F-skin.issuu.com%252Fv%252Fflight%252Flayout.xml&showFlipBtn=true
Murray Run Greenway Extension Feasibility Study	http://www.playroanoke.com/wp-content/uploads/2017/02/Murray-Run-Feasibility-Report3.pdf
National Park Service, Appalachian Trail	https://www.nps.gov/state/va/index.htm
Poor Mountain Preserve	http://www.dcr.virginia.gov/natural-heritage/natural-area-preserves/poormt
Read Mountain Preserve	https://www.roanokecountyparks.com/facilities/facility/details/readmountainpreserve-
Regional Pedestrian Vision Plan, A Coordinated Approach to a Walkable Roanoke Valley	http://rvarc.org/wp-content/uploads/2014/08/REGIONAL-PEDESTRIAN-VISION-PLAN-2015.pdf
Roanoke Appalachian Trail Club.	https://www.ratc.org/
Roanoke River Blueway	http://www.roanokeriverblueway.org/
Roanoke Valley Transit Vision Plan	http://rvarc.org/wp-content/uploads/2016/09/TVP_FINAL-ES_9-22-16.pdf
Roanoke Valley/ Blue Ridge Parkway Trail Plan	https://parkplanning.nps.gov/projectHome.cfm?projectID=10392
Rural Bikeway Plan	http://rvarc.org/wp-content/uploads/2013/12/RVARCRuralBikewayPlan2006-web.pdf
Upper James River Water Trail	https://upperjamesriverwatertrail.com/
US Bicycle Route 76, A study of the Roanoke Valley-Alleghany Region	http://rvarc.org/wp-content/uploads/2017/11/Virginia-Bicycle-Route-76-Final.pdf
Virginia Department of Game and Inland Fisheries, Birding and Wildlife Trail	https://www.dgif.virginia.gov/vbwt/
Virginia Department of Rail and Public Transportation's Multimodal System Design	http://www.drpt.virginia.gov/planning/multimodal-guidelines/
Western Virginia Water Authority, Carvins Cove	https://www.westernvawater.org/i-am-a-/recreationalist/carvins-cove-natural-reserve

Appendix G Bibliography of Design Standards

Appendix G

Bibliography of Design Standards

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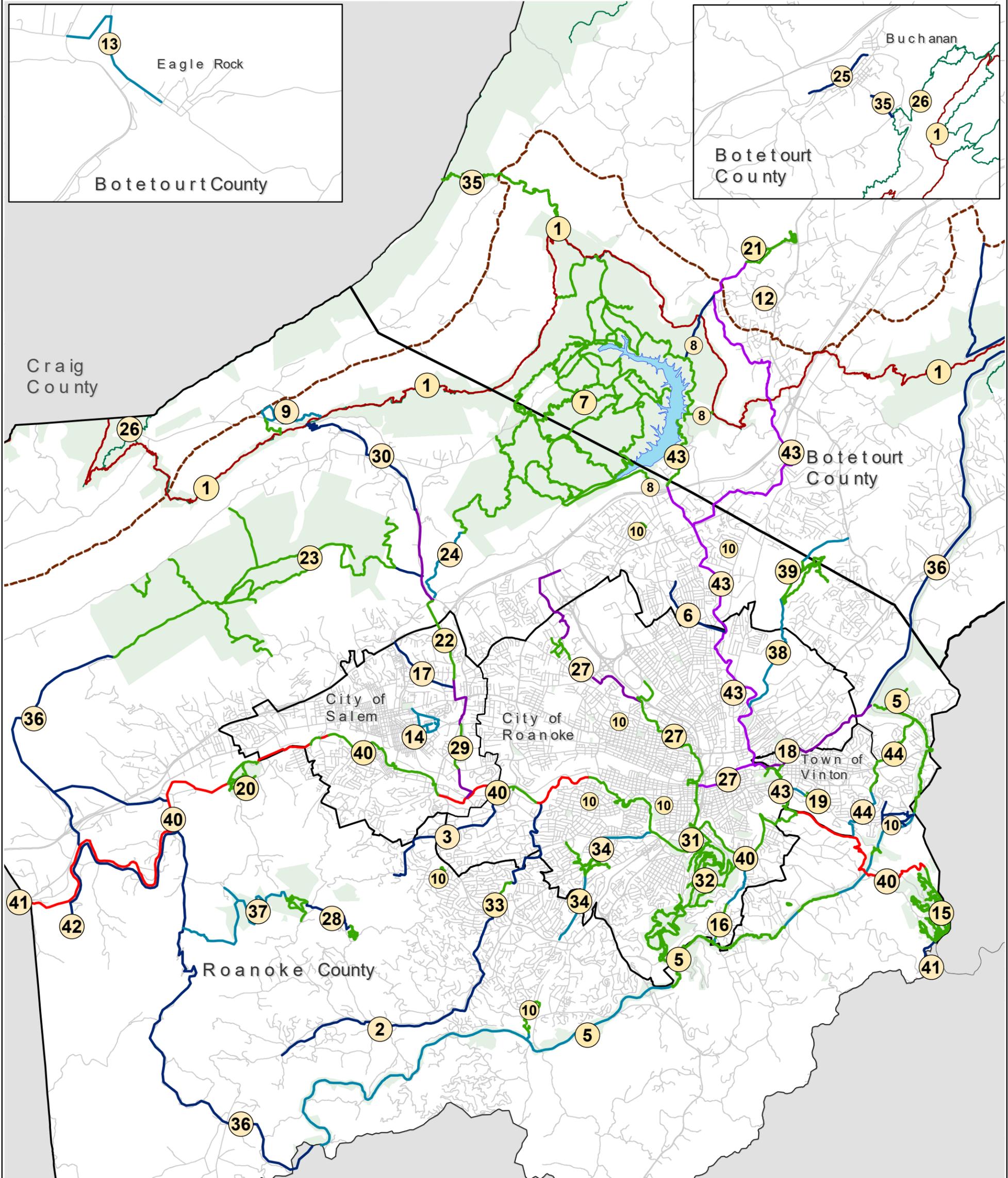
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Appendix H 2018 Greenway Plan Network Map

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2018 Greenway Plan Network Map

Prepared by the **REGIONAL** commission

- | | | |
|--|---|--|
| 1 - Appalachian Trail | 17 - Gish Branch Greenway | 32 - Mill Mountain Park Trails |
| 2 - Back Creek Greenway | 18 - Glade Creek Greenway | 33 - Mudlick Creek Greenway |
| 3 - Barnhardt Creek Greenway | 19 - Gladetown Trail | 34 - Murray Run Greenway |
| 4 - Birding and Wildlife Trail Sites | 20 - Green Hill Park Trails | 35 - National Forest Connections |
| 5 - Blue Ridge Parkway Trails | 21 - Greenfield Trails | 36 - Perimeter Trail |
| 6 - Carvin Creek Greenway | 22 - Hanging Rock Battlefield Trail | 37 - Poor Mountain Trails |
| 7 - Carvins Cove Trail Network | 23 - Havens Wildlife Management Area Trails | 38 - Read Mountain Greenway |
| 8 - Carvins Cove Connections | 24 - Hinchee Trail | 39 - Read Mountain Trails |
| 9 - Catawba Greenway | 25 - James River Greenway | 40 - Roanoke River Greenway |
| 10 - City, County and Town Park Trails | 26 - Jefferson National Forest Trails | 41 - Roanoke River Greenway Extensions |
| 11 - Craig Creek Trail | 27 - Lick Run Greenway | 42 - Spring Hollow Trails |
| 12 - Daleville Greenway* | 28 - Long Ridge Trail | 43 - Tinker Creek Greenway* |
| 13 - Eagle Rock Greenway | 29 - Mason Creek Greenway | 44 - Wolf Creek Greenway |
| 14 - Elizabeth Greenway | 30 - Masons Cove Greenway | |
| 15 - Explore Park Trail Network | 31 - Mill Mountain Greenway | |
| 16 - Garden City Greenway | | |

Legend

Proposed Greenways

- Category 1 Roanoke River Greenway, Unbuilt
- Category 2 Hard Surface Greenways and Trails, Unbuilt
- Category 3 Greenways and Trails in Design
- Category 4 Conceptual Greenways and Trails
- Category 5 Built Greenways and Trails
- National Forest Trails
- Appalachian Trail
- - - U.S. Bicycle Route 76
- Locality Boundaries
- Public Lands

*Please see Appendix E for more information about the alternative alignments for Tinker Creek and Daleville Greenways.

