

Radford Area Plan

2011 Plan Objectives

The City of Radford is nestled in the heart of the Blue Ridge Mountains along the New River. The city is also home to Radford University, which provides educational opportunities for more than 9,000 students from across the country and around the world. The gateways to both the city and university provide inspiration to the surrounding community – from the manicured vegetation, to the steady roll of the New River, to the aesthetically pleasing architecture. The area features the Radford Riverway trail, Radford Mountain Bike Park, 4 miles of US Bike Route 76 and numerous intercity hiking and birding trails.

In 2007 the City of Radford teamed with the Virginia Tech Community Design Assistance Center (CDAC) to develop a Pathways Master Plan. In addition to bicycle and pedestrian improvements, the plan identified historic and cultural landmarks and institutional facilities.



Photo by: Radford Univ.



Photo by: E. Sharp

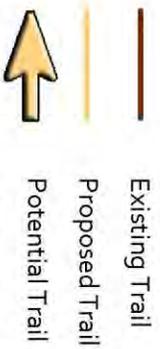
Hierarchical priorities for the Radford area include:

1. Bisset Park trail extension into west Radford
2. Park Road – 2nd Avenue Connector
3. Tyler Avenue – East Main Street Connector
4. Radford Riverway extension to abandoned rail trestle
5. Achieve official designation as a “Bicycle Friendly Community.”
 - a. Improve streets and intersections to be more bicycle and pedestrian friendly.

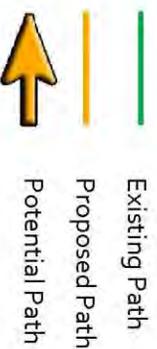
Mapping Assistant

There is a lot of information provided on each map! To begin, the facilities identified in the plan are classified into four general categories:

1. **Hiking and Mountain Biking Trails:** Combines natural surfaced facilities that are predominately used for recreation and tourism. These facilities are shown on the map as:



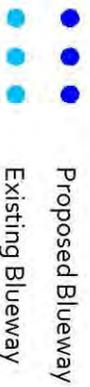
2. **Multipurpose Paths:** Combines facilities that are physically separated from motorized traffic by an open space or barrier. These facilities are shown on the maps as:



3. **Shared Roadways:** Combines facilities that are intended to accommodate bicyclist within the existing right-of-way. Typically these facilities are comprised of paved shoulders, wide travel lanes, designated bicycle lanes, or a marked SHARROW. These facilities are shown on the maps as:



4. **Blueways:** Combines facilities that are intended to accommodate the variety of waterway users. These facilities are shown on the map as:



The illustrations are intended to generalize the planning elements so that a range of solutions can be explored by each community. In addition to the lines and arrows indicating the category, labels are provided to indicate the point of access for each facility. The access labels are intended to reflect the permitted uses of each facility and pin-point areas to access the facilities for that specific use. The graphic below illustrates the labels used in the 2011 Plan:



The maps also identify existing school locations, park and ride lots, hospitals, jurisdictional boundaries, and elevation. Labels correspond numerically with the trail system's legend and school's legend. Trail labels indicate existing (●) and proposed (□) facilities.

The tables provide additional information for each existing and proposed facility. A grid borders each of the maps and aligns with the information provided in the tables. The tables also provide a map key, location description, access point latitude and longitude, length, difficulty, ADA accessibility, slope ratings, and traffic volumes.

The information within this plan will be amended annually online, and updated every five years under the direction of the Regional Bikeway-Walkway Committee.

City of Radford, VA



Legend

- Biking Access
- Walking Access
- Hiking Access
- Boating Access
- Picnic Areas
- Existing Trail
- Proposed Trail
- Hospital
- Existing School
- Existing Blueway
- Existing Mountain Biking/Hiking Trail
- Existing Bike Lane/SHARROW
- Existing Multipurpose Trail
- Potential/Proposed Multipurpose Trail
- Potential/Proposed Bike Lane/SHARROW
- Interstate Highway
- Primary Roadway
- Secondary Roadway
- Hydrography
- Municipal Boundary
- Park and Ride Lot

Elevation (ft)



Radford Trails System

Existing Trails

- The Riverway Trail
- Bisset Park Trail
- Radford University Multipurpose
- Wildwood Park Trails

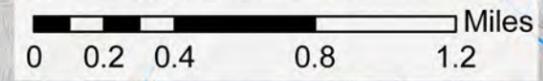
Proposed Trails

- Riverway Extension
- Bisset Park Extension
- New River Trail Extension
- Riverview Park Connector
- Park Rd - Tyler Ave Connector
- Tyler Ave - E Main St Connector
- Main St - 7th St Connector
- Park Rd - 2nd Ave Connector
- Park Rd Multipurpose Trail
- Wadsworth St - State St Connector
- 17th St - Williams Ave Connector
- Main St - Wild Partridge Ln Connector
- Rock Road Connector
- High Meadows Connector

Radford City Schools

- Radford High/Dalton Intermediate
- Belle Heth Elementary
- McHarg Elementary
- Riverlawn Elementary

Logo Descriptions



This map was prepared by the New River Valley Planning District Commission in 2011. Data was collected and compiled from various sources to develop this plan: VGIN, USGS, USDA, DCR, and City of Radford GIS data. Images, Logos, and provided information is for planning purposes only and may not be used without written permission.



City of Radford, Existing											
General					Access Point		Profile				
Facility Type	Name/Route	Location	Grid Location	Map Key, Description	Latitude	Longitude	Length	Difficulty	ADA Accessible	% Slope (min/max/avg)	AADT (avg.)
Mountain Biking or Hiking	Wildwood Hiking Trail 1	Radford	H8	Wildwood Park	37° 8' 16.1" N	80° 34' 6.3" W	0.57	Beginner	No	0.5/22.4/10.3	N/A
	Wildwood Hiking Trail 2	Radford	H7	Wildwood Park	37° 8' 11.9" N	80° 33' 59.5" W	0.23	Beginner	No	4/21/9.1	N/A
<i>Summary</i>							0.80	Intermediate	No	1.3/9.6/5.1	N/A
Multipurpose	The Riverway Trail	Radford	M6	1; Bisset Park - RU	37° 8' 11.3" N	80° 32' 7.4" W	2.59	Beginner	Yes	0.2/25.5/8.1	N/A
	Bissett Park Trail	Radford	G6	2; Bissett Park	37° 8' 22.4" N	80° 34' 8.6" W	1.69	Beginner	Yes	0.2/9.3/1.8	N/A
	Wildwood Park Multipurpose	Radford	H7	4; Wildwood Park	37° 8' 16.8" N	80° 34' 5.3" W	2.18	Beginner	Yes	0.3/3.3/1.5	N/A
	Radford University Trails	Radford	K7	3; Radford University	37° 8' 15" N	80° 33' 2.6" W	6.65	Beginner	Yes	0/8.5/1.4	N/A
<i>Summary</i>							2.59	Beginner	Yes	0.2/11.6/3.2	N/A
Shared Right-of-Way (SHARROW, widened travel lane, paved shoulder, or bike lane)	Rock Rd	Radford	E15-N12		37° 7' 8.4" N	80° 31' 56.1" W	3.10	Advanced	No	0/21.3/3.6	3000
	E Main St	Radford	G7-L7		37° 8' 16.6" N	80° 34' 6.7" W	0.57	Advanced	No	0/21.3/3.6	13500
	Second St	Radford	G8		37° 8' 5.7" N	80° 34' 18.1" W	0.43	Advanced	No	0.2/9.6/4.5	N/A
	Memorial Bridge (Rt 11)	Radford	G7-F6		37° 8' 13" N	80° 34' 19.7" W	0.34	Advanced	No	0/9.9/2.2	23000
	Dalton Dr	Radford	G8-H7		37° 8' 16.3" N	80° 34' 6.7" W	0.30	Advanced	No	3.1/7.2/4.8	N/A
	Second Ave	Radford	J9-J8		37° 7' 49.3" N	80° 33' 26.8" W	0.16	Advanced	No	0.2/9.6/4.5	5000
	Tyler Ave.	Radford	K8-K6		37° 8' 16.3" N	80° 32' 45.3" W	0.60	Intermediate	No	0.4/8.5/2	11000
Jefferson St	Radford	K8-L7		37° 8' 16.3" N	80° 32' 45.3" W	0.43	Advanced	No	0.4/8.5/2	8500	
<i>Summary</i>							5.93	Advanced	No	0.4/15.1/3.6	10667
Waterway	New River Blueway	Pulaski Co.	E19	Claytor Dam - River Rd Access	37° 5' 19.6" N	80° 34' 45" W	1.52	Intermediate	No	N/A	N/A
		Radford	D15	River Rd Access - Bissett Park	37° 6' 26.7" N	80° 35' 30.9" W	3.57	Intermediate	No	N/A	N/A
		Radford	I5	Bissett Park - Bissett Park	37° 8' 36.7" N	80° 33' 43.9" W	0.89	Intermediate	No	N/A	N/A
		Pulaski Co.	L6	Bissett Park - Rt 114 Access	37° 8' 42.5" N	80° 32' 51.9" W	4.32	Intermediate	No	N/A	N/A
<i>Summary</i>							1.52	Intermediate	No	N/A	N/A

City of Radford, Proposed

General					Access Point			Profile			
Facility Type	Name/Route	Location	Grid Location	Map Key, Description	Latitude	Longitude	Length	Difficulty	ADA Accessible	% Slope (min/max/avg)	AADT (avg.)
Mountain Biking or Hiking	N/A										
<i>Summary</i>							N/A	N/A	N/A	N/A	N/A
Multipurpose	Riverway Extension	Radford	N8	1, Dedmon Center to Main St	37° 8' 11.2" N	80° 32' 7.4" W	0.70	Beginner	Yes	0.2/20/5.5	N/A
	Main St - Seventh Street Connector	Radford	F10	7	37° 7' 29.1" N	80° 34' 36.4" W	0.45	Beginner	Yes	0.2/11.4/5.5	N/A
	Park Rd Multipurpose Trail	Radford	J11	9	37° 7' 45.6" N	80° 33' 37.4" W	1.01	Beginner	Yes	0/9.8/2.7	N/A
	Wadsworth St - State St Connector	Radford	G10	10	37° 7' 29.3" N	80° 34' 0.4" W	0.21	Beginner	Yes	1.1/9.7/4.6	N/A
	Rock Road Connector	Radford	H14	13	37° 6' 57.3" N	80° 33' 47.4" W	0.94	Beginner	Yes	0.3/25.8/8.4	N/A
	Seventeenth St - Williams Ave Connector	Radford	H11	11	37° 7' 19.9" N	80° 33' 56.7" W	0.23	Beginner	Yes	0.1/5.5/1.7	N/A
	Main St - Wild Partridge Connector	Radford	F17	12	37° 5' 43.6" N	80° 34' 45.2" W	0.90	Beginner	Yes	2.2/14.7/8.6	N/A
	Bissett Park Extension	Radford	C11	2, Parallel River West of Rout	37° 7' 58.4" N	80° 34' 58.8" W	3.78	Beginner	Yes	0/8.9/2	N/A
	New River Trail Extension	Radford	H7	3, Riverway - Pulaski County	37° 8' 18" N	80° 34' 24.5" W	2.87	Beginner	Yes	0/10.9/2.7	N/A
	Riverview Park Connector	Radford	C14	4	37° 7' 2.3" N	80° 35' 30.8" W	2.13	Beginner	Yes	0/15.8/1.9	N/A
High Meadows Connector	Radford	R6	14	37° 7' 58.6" N	80° 31' 24.8" W	1.60	Beginner	Yes	0/13/5.5	N/A	
Wildwood Park - Second Ave Connector	Radford	I8	8	37° 7' 59.5" N	80° 33' 53.5" W	0.55	Beginner	Yes	1.6/16.5/9.4	N/A	
<i>Summary</i>							3.32	Beginner	Yes	0.5/23.5/4.8	N/A
Shared Right-of-Way (SHARROW, widened travel lane, paved shoulder, or bike lane)	Park Road - Tyler Road Connector	Radford	L10	5	37° 7' 17.7" N	80° 33' 13.9" W	0.74	Advanced	No	0.1/15.2/4.5	7500
	Tyler Rd - Radford Road Connector	Radford	O10	6	37° 7' 24.7" N	80° 32' 10.9" W	0.90	Advanced	No	0.2/14.8/5.4	15000
	Rt 11 Potential Connector	Radford	O9		37° 7' 57.2" N	80° 31' 30.2" W	0.83	Advanced	No	0.6/12.1/5.7	18000
	Main St	Radford	N8		37° 7' 51.1" N	80° 30' 52.2" W	2.02	Advanced	No	0/15/3.7	13500
	Grove Ave	Radford	J6		37° 8' 23.8" N	80° 33' 11.4" W	0.27	Advanced	No	0/5.2/1.9	2300
	Third Ave	Radford	J7		37° 8' 27.3" N	80° 33' 28.8" W	0.34	Advanced	No	0/5.7/2	1200
	First Ave	Radford	J7		37° 8' 23.5" N	80° 33' 18.8" W	0.22	Advanced	No	0.4/1.8/0.9	N/A
	Second St	Radford	E9		37° 7' 30.9" N	80° 35' 9.8" W	0.33	Advanced	No	0.5/10.4/3	N/A
	Miller St	Radford	J9		37° 7' 51.2" N	80° 33' 24.1" W	0.09	Advanced	No	3.8/8.2/5.6	N/A
	Sanford St	Radford	J9		37° 7' 49.1" N	80° 33' 19.1" W	0.14	Advanced	No	0.7/13.6/4.4	N/A
	Burlington St	Radford	M8		37° 8' 1.3" N	80° 32' 33.7" W	0.21	Advanced	No	0.5/2.9/1.6	N/A
	Whitehall St	Radford	M8		37° 8' 4.7" N	80° 32' 21.5" W	0.14	Advanced	No	0.8/4.4/2.1	N/A
	Davis St	Radford	L8		37° 7' 55.9" N	80° 32' 38.5" W	0.31	Advanced	No	0.2/5.6/2.3	N/A
	Calhoun St	Radford	L8		37° 7' 56.4" N	80° 32' 32.4" W	0.11	Advanced	No	1.4/6.3/3.5	N/A
	Noblin St	Radford	J8		37° 7' 50.9" N	80° 33' 6.8" W	0.25	Advanced	No	0/7.2/2.5	N/A
	Second Ave	Radford	I9		37° 7' 45.2" N	80° 33' 42.5" W	0.55	Advanced	No	0.6/7.8/3.1	5000
	Park Rd	Radford	I9		37° 7' 5.9" N	80° 32' 56.9" W	1.31	Advanced	No	0.4/11.3/3.9	1800
	Chesnut Rd	Radford	H6		37° 8' 30" N	80° 33' 51.1" W	0.07	Advanced	No	1.6/8.5/4.5	N/A
	Scott St	Radford	H9		37° 7' 52.1" N	80° 33' 58.7" W	0.05	Advanced	No	2.9/7.5/4.9	3300
	Fairfax St	Radford	J7		37° 8' 12.4" N	80° 33' 11.1" W	0.26	Advanced	No	0/5.5/1.5	N/A
	Harrison St	Radford	J6		37° 8' 31.7" N	80° 33' 32.6" W	0.09	Advanced	No	0.3/3.3/0.9	N/A
	Lawrence St	Radford	J7		37° 8' 5.8" N	80° 33' 9.7" W	0.28	Advanced	No	0.3/3.2/1.5	N/A
	West St	Radford	I6		37° 8' 31.7" N	80° 33' 32.6" W	0.30	Advanced	No	0/6.5/2.1	N/A
	Walker St	Radford	G8		37° 8' 3.5" N	80° 34' 16.3" W	0.58	Advanced	No	0/6/1.2	4300
	Seventh St	Radford	E12		37° 7' 10.6" N	80° 34' 55.6" W	0.37	Advanced	No	0.2/9.1/2.2	1200
	Pendleton St	Radford	D11		37° 7' 16.5" N	80° 35' 23" W	0.52	Advanced	No	0.1/6.4/2.1	780
	Third St	Radford	E10		37° 7' 48.9" N	80° 34' 36.9" W	0.14	Advanced	No	0.2/4.7/2	N/A
	Main St	Radford	E9		37° 5' 36.6" N	80° 34' 41.9" W	5.25	Advanced	No	0/15/3.7	N/A
	Wadsworth St	Radford	F8		37° 7' 23.9" N	80° 34' 10.3" W	1.39	Advanced	No	0/6.8/1.8	5300
	Preston St	Radford	E10		37° 7' 11.2" N	80° 34' 28.5" W	0.83	Advanced	No	0/4.3/1	1200
	Fourth St	Radford	G8		37° 7' 59" N	80° 34' 12.5" W	0.17	Advanced	No	0.1/1.3/0.5	N/A
	Roberston St	Radford	F9		37° 7' 44.2" N	80° 34' 44.2" W	0.65	Advanced	No	0.1/7.1/1.4	N/A
Eighth St	Radford	F10		37° 7' 48.7" N	80° 33' 57.4" W	1.13	Advanced	No	0/8.7/1.7	1500	
Third St	Radford	E10		37° 7' 33.9" N	80° 34' 58.7" W	0.14	Advanced	No	0.2/4.7/2	N/A	
Bolling St	Radford	D10		37° 7' 33.3" N	80° 35' 13.6" W	0.15	Advanced	No	0.2/3/1.6	N/A	
Harvey St	Radford	G9		37° 8' 3.2" N	80° 34' 29.9" W	0.52	Advanced	No	0/6.2/1.7	N/A	

Shared Right-of-Way (SHARROW, widened travel lane, paved shoulder, or bike lane)	Twelfth St	Radford	G11		37° 7' 18.1" N	80° 34' 16.3" W	0.23	Advanced	No	0/3.2/1.1	N/A
	Custis St	Radford	E12		37° 6' 56.3" N	80° 34' 56.5" W	0.43	Advanced	No	0.4/2.9/1	N/A
	Tenth St	Radford	G10		37° 6' 59.1" N	80° 34' 39.3" W	0.71	Advanced	No	0.1/12.4/1.9	N/A
	Staples St	Radford	G12		37° 7' 14.9" N	80° 34' 21.2" W	0.54	Advanced	No	0/3.4/1.4	N/A
	Cowan St	Radford	D14		37° 6' 33.7" N	80° 35' 25.5" W	0.08	Advanced	No	1.2/4/2.2	N/A
	Forest Ave	Radford	E13		37° 6' 43.3" N	80° 35' 25.8" W	1.29	Advanced	No	0.1/11.6/2.3	750
	Second St	Radford	D13		37° 6' 46.7" N	80° 35' 22.1" W	0.83	Advanced	No	0.5/10.4/3	N/A
	Wild Partridge Ln	Radford	G16		37° 6' 8.3" N	80° 34' 2.1" W	0.16	Advanced	No	0.1/6.4/2.9	N/A
	Charmont Dr	Radford	H16		37° 6' 16" N	80° 33' 43.8" W	0.34	Advanced	No	3/9.5/5.8	N/A
	State St	Radford	H10		37° 7' 29.2" N	80° 34' 1" W	0.18	Advanced	No	1/3.6/1.9	N/A
	Round Hill Dr	Radford	I11		37° 7' 22.1" N	80° 33' 41.8" W	0.35	Advanced	No	0.7/6.7/3.2	N/A
	Crestview Dr	Radford	I11		37° 7' 25.4" N	80° 33' 45.6" W	0.08	Advanced	No	0.4/11/4	N/A
	Seventeenth St	Radford	H12		37° 7' 10.3" N	80° 33' 47.7" W	0.11	Advanced	No	0/0.9/0.6	N/A
	Williams Ave	Radford	H11		37° 7' 25.4" N	80° 33' 45.6" W	0.32	Advanced	No	0.2/5.3/1.8	N/A
	Hammett Ave	Radford	K8		37° 7' 58.1" N	80° 33' 2.1" W	0.16	Advanced	No	0.4/6.2/2.3	3100
	Tyler Ave	Radford	M10		37° 7' 8.6" N	80° 31' 55.3" W	2.84	Advanced	No	0.1/15.7/3.9	11000
	Calhoun St	Radford	L8		37° 7' 56" N	80° 32' 44.7" W	0.23	Advanced	No	1.4/6.3/3.5	N/A
	Clement St	Radford	L8		37° 7' 58.1" N	80° 32' 25" W	0.45	Advanced	No	0.1/6.1/2	N/A
	Downey St	Radford	L7		37° 8' 4.2" N	80° 32' 31.4" W	0.30	Advanced	No	0.6/8.5/2.4	N/A
	Fairfax St	Radford	J7		37° 7' 56.4" N	80° 32' 32.4" W	0.39	Advanced	No	0/5.5/1.5	N/A
Wilson St	Radford	L8		37° 8' 1" N	80° 32' 39.9" W	0.12	Advanced	No	0.5/5.6/2.5	N/A	
Jeffries Dr	Radford	E14		37° 6' 24.9" N	80° 35' 3" W	0.41	Advanced	No	1.5/13/7	N/A	
<i>Summary</i>							31.47	Advanced	No	0.5/7.3/2.6	5249
Waterway	Little River Access	Montgomery Co.	NA	Off State Route 605	37° 04' 40" N	80° 34' 20.81" W	23.1	Intermediate	Yes	N/A	N/A
<i>Summary</i>							N/A	N/A	N/A	N/A	N/A

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