

Bicycle and Pedestrian Master Plan Status Update (as of Dec. 2019)

In September 2015, the City Council adopted the Bicycle and Pedestrian Master Plan as an amendment to the City's Comprehensive Plan (2013). The Bicycle and Pedestrian Master Plan will guide decisions related to bicycle and pedestrian infrastructure and design, safety, access, and more. It includes a list of potential bicycle and pedestrian projects that the City will consider over time. This document provides a status update on the projects listed in the plan and highlights accomplishments in 2019.

The following tables are taken directly from the Bicycle and Pedestrian Master Plan as adopted in 2015. Note that some sidewalk locations/facility types may have changed since the adoption of the plan as a result of additional field work/public process/design.

Table 6.4: Sidewalk Projects by Neighborhood

Neighborhood	Street	Sidewalk Location	Starting	Ending	Status Update
Barracks Road	Barracks Road	SW	Existing	250/29 Bypass	Anticipate advertisement for construction in 2020.
Venable	Preston Ave	South	Rugby Rd	Madison	Field review completed. Need survey.
Lewis Mountain	Alderman Road	NW	Kent Rd	Morris Rd	Survey Completed.
The Meadows	Hydraulic Road	West	Dominion Power	250 Bypass	Small Area Plan completed. Smart Scale grant not awarded.
Barracks/Rugby	Rose Hill Drive	West	Rugby Ave	Madison Ave	Design 95%. ROW acquisition near complete. Anticipate advertisement for construction in 2020.
Greenbrier	Kenwood Lane	South	Yorktown Dr	Meadowbrook.	Field review completed. Need survey.
Locust Grove	St. Clair Avenue	NW	Peartree Ln	Smith St	Anticipate advertisement for construction in 2020.
Rose Hill	Albemarle Street	Either	Dale Ave	Rivanna Ave	Field review completed. Need survey.
10th & Page	9th Street NW	Either	West St	Preston Ave	Field review completed. Need survey.
Star Hill	Commerce Street	South	6 th	Existing	Awaiting completion of Quirk Hotel.

North Downtown	Harris Street	NW	Rivanna Ave	McIntire Rd	Design in progress; Easement/ROW acquisition near complete. Construction 2020.
Martha Jefferson	12th Street NE	West	E Jefferson St	Meriwether St	Field review completed. Need survey.
Woolen Mills	Market Street	Either	Franklin Ave	Meade Ave	Field review completed. Need survey.
Belmont	Monticello Ave	West	Quarry Rd	Druid Ave	Anticipate advertisement for construction in 2020.
Ridge Street	Elliott Avenue	North	Ridge St	Avon St	95% Design Completed. Entering ROW phase.
Fifeville	9th Street SW	East	Elm St	Existing	Field review completed. Need survey.
Johnson Village	Cleveland Avenue	North	Existing	Ranier Rd	Desktop review complete. Need field review.
Fry's Spring	Azalea Drive	Either	Existing	Harris Rd	Field review completed. Need survey.
Jefferson Park Avenue	Fontaine Avenue	North	Summit St	JPA	Design underway. Funded by Smart Scale. Anticipate construction in FY23.

Table 6.6: Near-Term Recommendations

Infrastructure Projects (On Road Bicycle Facilities)

Project Location	Facility Type	Status Update
2nd Street NW*	Contraflow Bicycle Lane	Funding needed to implement recs – 2019 CIP Request
5th Street SW	Separated Bicycle Lanes	Bike lanes widened to 6' during repaving 2016 Ridge St. Corridor Study (Feb. 2019) explored feasibility of separated facilities
9th Street NE, including bridge	Separated Bicycle Lane	Design for Belmont Bridge/Smart Scale projects in process
Jefferson Park Avenue at Emmet Street	Bicycle Lanes	Completed (2015)
Monticello Avenue -- Avon Street to Carlton Road	Climbing Bicycle Lane	100% Design. Grant application awarded in 2019. Repaving anticipated in 2020.
Park Street*	Shared Lanes	Completed (2016)
Ridge Street	Bicycle Lanes	Ridge St. Corridor Study (Feb. 2019)
Ridge McIntire Road	Bicycle Lanes	Ridge St. Corridor Study (Feb. 2019)
West Main Street**	Separated Bicycle Lanes Physically separated bike lanes not feasible due to space constraints (per West Main Street Master Plan)	Phase 1 Engineering underway and funded. Round 3 Smart Scale Awarded (\$2mil)

*2nd Street NW is not included in the twenty highest ranked projects; however it is scheduled for repaving in summer 2015, in addition to being listed on the 2014-2015 pavement management schedule. Park Street is also scheduled for repaving.

**Conceptual Plan is currently underway for West Main Street. Cost estimate is higher for full street reconstruction. Cost of striping separated bicycle lanes only is approximately \$75,000.

Infrastructure Projects (Trails)		
Project Location	Facility Type	Status Update
250 Bypass Trail	Multi Use Path	Phase 1 - Hydraulic to Dairy Bridge – under construction. McIntire railroad bridge and connection to McIntire interchange completed.
Rivanna River	Multi Use Path	Working on property acquisitions to extend further upstream. New easement and trail at VFW to improve connection to River Rd
Moore’s Creek (Upper)	Multi Use Path	Working on property acquisitions and trail plan near Wegman’s with TJPDC grant
Meadow Creek (Pen Park)	Multi Use Path	Developer constructed bridge in 2019, City working to build section from Pen Park to Rio Road
Meadow Creek	Culvert Trail	Culvert trail design under review. Working to finalize acquisition of land in 250/hydraulic
Riverview to Pantops	Bridge over Rivanna River	PDC working with VDOT to evaluate feasibility of connection.

Policy Recommendations	
Develop and approve complete streets design guidelines	<i>Streets that Work</i> adopted by City Council Sept. 6, 2016. Standards and Design Manual Adopted Dec. 2019
Develop and approve bicycle parking guidelines	West Main Street zoning district updated. City-wide guidelines will be updated as part of SADM design details.
Incorporate maintenance of on-street bicycle facilities into routine street maintenance	Ongoing
Programmatic Recommendations	
Pursue grant funding to hire a Safe Routes to School coordinator	VDOT Grant secured for 4th year. Position is now full time.
Participate in Safe Routes to School events	Ongoing
Conduct annual student travel tallies and parent surveys	Conducted in Sept. 2019
Host bicycle maintenance classes in different parts of the City	Bike UVA offers maintenance classes. Some SRTS programming will offer maintenance
Partner with Thomas Jefferson Planning District Commission to support the Ride Share program	Clean Commute Day activities being rethought
Launch a traffic safety media campaign	Awareness PSA's are produced in Fall/Spring annually.
Recruit volunteers to expand the active transportation count program and share collected data	Not addressed. Bi-annual counts should have taken place in 2017+2019, but TJPDC did not have enough people power to facilitate.
Continue to Monitor U-bike Program	City and County adopted dockless mobility program. New regulations require operators to provide bikes.

Table 6.7: Midterm Recommendations

Infrastructure Projects (On Road Bicycle Facilities)		
Project Location	Facility Type	Status Update
10th Street NW	Climbing Bicycle Lane	No progress. Limited R/W and parking removal needed. Consider signing alternate route
Alderman Road	Shared Roadway	Climbing lanes installed (2015)
East/West High Street	Climbing Bicycle Lane	Design completed (2019)
Grady Avenue	Shared Roadway	Design completed (2019)
Hydraulic Road	Separated Bicycle Lanes	Small Area Plan completed (2018). Smart Scale application submitted. Not funded.
Jefferson Park Avenue – West Main Street to Emmet Street	Bicycle Lanes	UVA Completed Planning Study (2017). Pavement Marking Plan Completed (2018).
University Avenue	Shared Roadway	Design completed
West Market Street	Climbing Bicycle Lane	Implemented (2018)
Infrastructure Projects (Trails)		
Project Location	Facility Type	Status Update
Interstate 64 near Route 20	Tunnel	Discussed possibility of planning grant with VDOT. Not funded.
Greenbrier Railroad	Tunnel	Preliminary Engineering and exploration underway
Emmet Street	Multi Use Path	Design underway (Ivy to Arlington). Feasibility Study (Arlington to Angus) completed in 2019.

Moore's Creek (Lower)	Multi Use Path	
Schenk's Greenway	Multi Use Path	VDOT and RWSA easements to be finalized by spring
Melbourne Road	Multi Use Path	Design for bike lanes underway
Policy Recommendations		
Approve a snow removal policy that incorporates bicycle and pedestrian facilities		
Develop a trails maintenance and improvement schedule based on trail typologies		
Program Recommendations		
Design an interactive citizen reporting system for road and sidewalk repair, similar to See-Click-Fix – myCville App implemented (2018)		
Create bicycle maps and distribute to the public – Maps updated in 2019		
Encourage local businesses to become "Bicycle Friendly"- Bicycle Advantage Program developed. Launch in 2020.		
Establish a citywide and expanded bicyclist and pedestrian count program using automated counters – The city has acquired 10 Eco-Counters. In 2019, counters were installed in the following locations: 2 permanent Zelt Loops – 1 installed on Preston Avenue, 1 waiting to be installed 1 Mobile Multi – installed on Goodwin Bridge 3 PYRO - Emmet St (NB/SB), 1 not installed 4 Tube Counters - W. Main (EB/WB), JWW (NB), Hillsdale Drive (NB)		

Table 6.8: Long-Term Recommendations

Infrastructure Projects (On Road Bicycle Facilities)		
Project Location	Facility Type	Status Update
Millmont Street	Bicycle Lanes	Completed (2018)
Preston Avenue	Separated Bicycle Lanes	
Preston Avenue / Barracks Road	Bicycle Lanes	
Rugby Road	Climbing Bicycle Lane	
Infrastructure Projects (Trails)		
Project Location	Facility Type	Status Update
Darden Towe to Pen Park	Bridge over Rivanna River	
Rock Creek	Trail	
Lodge Creek	Trail	
Pollock's Branch	Trail	
Policy Recommendations		
Dedicate more funds in the City's Capital Improvement Program specifically for bicycle and pedestrian projects Ongoing advocacy for CIP		
Programmatic Recommendations		
Encourage local businesses and neighborhoods to participate in a car-diet challenge		
Monitor active transportation trends and expand count program, if necessary		

2019 Accomplishments

Planning

- Worked with VDOT to fund planning grants for Monticello Avenue (city limits to Saunders Trail) and Bridge connection over the Rivanna River.
- Worked with County on 5th Street/Route 631 Corridor Study (Harris Road to Mosby Mountain).

Streetscape

- West Main Street – Engineering Designs underway. Phase 2 Smart Scale funding submitted and received approval.
- Belmont Bridge – Final design underway.
- Design Public Hearings Conducted:
 - E. High Street
 - Emmet Street
 - Fontaine Ave
- Design Underway for Barracks/Emmet Intersection.

Pedestrian Infrastructure

- Sidewalk designs for Harris Rd, Cabell Ave and Harris St sidewalks underway (2011 Priority List)
- Sidewalk designs underway for Rosehill Drive (2016 Priority List)
- Conducted demonstration project at Rugby Ave/Rose Hill Drive to test 4 way stop
- Designs for JPA Pedestrian Crossings completed and conducted demonstration to test design at Stribling and Cleveland

Bicycle infrastructure

- Design for Grady Ave, Preston Ave, W. High Street, Water Street), Melbourne Ave, and JPA/Emmet gaps completed
- Avon St. bike lanes and pedestrian crossings design completed (from Garrett/Levy to Belmont Ave)
- Dockless Mobility Pilot Program – 40 Publicly available Electric Bikes introduced in the City

Multi-use Infrastructure

- Pollocks Bridge – Design Completed by AMT. Easements being secured during redevelopment underway.
- Completed bridge over Railroad in McIntire Park and trail connection to McIntire Road
- 250 Bypass Trail under construction

- Locust Avenue bridge
- Construction bid awarded for Water Street Trail
- Design for Rugby Avenue Trail Project and Washington Park Bike Ramp underway

Grants and Funding

- Awarded \$74,500K for Full-Time SRTS Coordinator + programming
- Awarded Round 3 Smart Scale - W. Main Phase 2 (CTB Recommended), 5th Street Corridor Improvements

Education/Outreach:

- Eco-Fair
- Tom Tom - Community Picnic
- Family Bike Fest
- Bike to Work Day Energizer Station
- Council Bike Ride with Wes Bellamy
- Various Bike Month Activities
- Books on Bikes Bike Parade
- SRTS at Westhaven Community Day
- Bike your Park Day/Rivanna River Renaissance
- Grand Illumination –Ornament Decorating and Light Giveaway
- Safe Routes to School Programming
- Radio PSA's during Bike Month, Back to School and Daylight Savings
- Monthly Bike Rides with PEC