

## Bicycle and Pedestrian Master Plan Accomplishments and Updates (2021)

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 2021. It is important to note that COVID put a halt on many of our capital projects between March and August 2020.

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.

# 2021 Accomplishments

## Planning

- Citywide Comprehensive Plan Adopted
- Rivanna River Bridge Steering Committee forms to continue discussion of conceptual design to submit for Smart Scale Round 5 grant
- Draft RFP for consultant services for ADA Transition Plan Update

## Streetscape

- West Main Street – Engineering Designs on hold following VE Study.
- Belmont Bridge – Construction begins.
- Design Continues:
  - E. High Street
  - Emmet Street
  - Fontaine Ave
- Design Public Hearings conducted for Barracks/Emmet Intersection.

## Pedestrian Infrastructure

- Sidewalk designs for Harris Rd underway (2011 Priority List)
- Rosehill Drive and Harris Street sidewalks bid for construction (2016 Priority List)
- Monticello/2<sup>nd</sup> and Monticello/Ridge Street to be bid.
- Implemented interim recommendations from the Burnley-Moran Walkabout at Hazel/St. Clair and Hazel/E. High
- Filled gap in sidewalk along Ivy Road (2120 Ivy Road)

## Bicycle infrastructure

- Conducted outreach for pavement marking plan for Preston Ave.
- Avon St. bike lanes and pedestrian crossings in-design (from Garrett/Levy to Belmont Ave)
- Dockless Mobility Pilot Program on-going
- Installed bike racks at the following businesses as part of the Bike Rack Request Program:
  - Silk Mills Building
  - Quality Pie
  - Rivanna River Company
  - The Wellness Center
  - Twice is Nice

### **Multi-use Infrastructure**

- Pollocks Bridge – Design Completed by AMT. Easements being secured during redevelopment underway.
- Design for Rugby Avenue Trail Project and Washington Park Bike Ramp underway

### **Grants and Funding**

- Awarded \$23,600K for SRTS Coordinator + programming
- Awarded Round 4 Smart Scale - W. Main Phase 3, Ridge Street (Cherry to W. Main), Emmet Street Phase 2 (Arlington to Barracks), Preston/Grady Intersection Improvement
- Received free technical assistance from the League of American Bicyclists and Eco-Counter to analyze our bike counter data

### **Education/Outreach:**

- Virtual Bike Month Activities including publication of Self-Guided Public Art Bike Tour
- COVID-safe Bike to Work Day station at Main Street Market
- Worked with Veo to provide reduced rate e-bike rides during bike month
- Bike Month Utility Inserts
- Radio PSA's during Bike Month, Back to School and Daylight Savings
- Ongoing coordination with TJPDC, UVA and County to create "One Map" showing regional biking/walking facilities using similar data collection methods

### **Safe Routes to School:**

- City-wide kids helmet giveaway program
- Free bike rental program in coordination with Parks and Recreation
- Regular participation on the Student Transportation Committee to discuss student travel opportunities as a result of COVID
- Neighborhood Bike Repair events in 3 low-income neighborhoods

## Bicycle and Pedestrian Master Plan Status Update

**Table 6.4: Sidewalk Projects by Neighborhood**

Neighborhood	Street	Sidewalk Location	Starting	Ending	Status Update
<b>Barracks Road</b>	Barracks Road	SW	Existing	250/29 Bypass	Delayed due to COVID.
<b>Venable</b>	Preston Ave	South	Rugby Rd	Madison	Topographic Survey Completed 2021
<b>Lewis Mountain</b>	Alderman Road	NW	Kent Rd	Morris Rd	Topographic Survey Completed.
<b>The Meadows</b>	Hydraulic Road	West	Dominion Power	250 Bypass	Small Area Plan completed. Smart Scale grant submitted. Not awarded.
<b>Barracks/Rugby</b>	Rose Hill Drive	West	Rugby Ave	Madison Ave	Delayed due to COVID. Design 95%. ROW acquisition near complete. Anticipate advertisement for construction in 2021.
<b>Greenbrier</b>	Kenwood Lane	South	Yorktown Dr	Meadowbrook.	Field review completed. Need survey.
<b>Locust Grove</b>	St. Clair Avenue	NW	Peartree Ln	Smith St	Delayed due to COVID.

<b>Rose Hill</b>	Albemarle Street	Either	Dale Ave	Rivanna Ave	Field review completed. Need survey.
<b>10th &amp; Page</b>	9th Street NW	Either	West St	Preston Ave	Field review completed. Need survey.
<b>Star Hill</b>	Commerce Street	South	6 <sup>th</sup>	Existing	Field Review completed. Need survey.
<b>North Downtown</b>	Harris Street	NW	Rivanna Ave	McIntire Rd	Delayed due to COVID. Advertised for Construction 2021-22.
<b>Martha Jefferson</b>	12th Street NE	West	E Jefferson St	Meriwether St	Field review completed. Need survey.
<b>Woolen Mills</b>	Market Street	Either	Franklin Ave	Meade Ave	Field review completed. Need survey.
<b>Belmont</b>	Monticello Ave	West	Quarry Rd	Druid Ave	Delayed due to COVID.
<b>Ridge Street</b>	Elliott Avenue	North	Ridge St	Avon St	Delayed due to COVID. 95% Design Completed. Entering ROW phase.
<b>Fifeville</b>	9th Street SW	East	Elm St	Existing	Field review completed. Need survey.
<b>Johnson Village</b>	Cleveland Avenue	North	Existing	Ranier Rd	Desktop review complete. Need field review.
<b>Fry's Spring</b>	Azalea Drive	Either	Existing	Harris Rd	Field review completed. Need survey.

<b>Jefferson Park Avenue</b>	Fontaine Avenue	North	Summit St	JPA	Design underway. Funded by Smart Scale. Anticipate construction in FY23.
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**Table 6.6: Near-Term Recommendations**

**Infrastructure Projects (On Road Bicycle Facilities)**

Project Location	Facility Type	Status Update
2nd Street NW*	Contraflow Bicycle Lane	To be coordinated with Downtown Pedestrian Safety
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. <b>Construction underway 2021</b>
Jefferson Park Avenue at Emmet Street	Bicycle Lanes	Completed (2015)
Monticello Avenue -- Avon Street to Carlton Road	Climbing Bicycle Lane	100% Design. Completed with repaving (2020). Gap between 6 <sup>th</sup> and Avon remains.
Park Street*	Shared Lanes	Completed (2016)
Ridge Street	Bicycle Lanes	Ridge St. Corridor Study (Feb. 2019). <b>Round 4 Smart Scale grant funding awarded</b>
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)	Design underway. Phases 1-3 are funded with a combination of Revenue Sharing, Smart Scale and local CIP. <b>Status TBD due to city funding</b>



Infrastructure Projects (Trails)		
Project Location	Facility Type	Status Update
250 Bypass Trail	Multi Use Path	Phase 1 - Hydraulic to Dairy Bridge completed. McIntire railroad bridge and connection to McIntire interchange completed (2019).
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	<b>PDC working with VDOT to evaluate feasibility of connection.</b>

<b>Policy Recommendations</b>	
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 and zoning re-write.
Incorporate maintenance of on-street bicycle facilities into routine street maintenance	Ongoing
<b>Programmatic Recommendations</b>	
Pursue grant funding to hire a Safe Routes to School coordinator	<b>VDOT Grant secured for 6th year. And Transportation Alternatives Grant submitted for 2022-2024</b>
Participate in Safe Routes to School events	Ongoing
Conduct annual student travel tallies and parent surveys	<b>Travel Tallies conducted in Sept. 2021.</b>
Host bicycle maintenance classes in different parts of the City	<b>Neighborhood Bike Repair offered in 3 public housing sites in 2021.</b>
Partner with Thomas Jefferson Planning District Commission to support the Ride Share program	
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	<b>TJPDC conducted counts in the spring 2021.</b>
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**

<b>Infrastructure Projects (On Road Bicycle Facilities)</b>		
<b>Project Location</b>	<b>Facility Type</b>	<b>Status Update</b>
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	Pavement Marking Plan completed (2019). Installation to be coordinated with repaving
Grady Avenue	Shared Roadway	Pavement Marking Plan completed (2019). Installation to be coordinated with repaving.
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). Installation to be coordinated with repaving.
University Avenue	Shared Roadway	Pavement Marking Plan completed (2019). Installation to be coordinated with repaving.
West Market Street	Climbing Bicycle Lane	Implemented (2018)
<b>Infrastructure Projects (Trails)</b>		

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). Anticipate construction in FY22/23 Phase 2 Feasibility Study (Arlington to Angus) completed in 2019. <b>Phase 2 Smart Scale funding awarded.</b>
Moore's Creek (Lower)	Multi Use Path	
Schenk's Greenway	Multi Use Path	Unfunded. Design needed. Coordination with RWSA project.
Melbourne Road	Multi Use Path	Pavement Marking Plan completed (2019). Installation to be coordinated with repaving.
<b>Policy Recommendations</b>		
Approve a snow removal policy that incorporates bicycle and pedestrian facilities		
Develop a trails maintenance and improvement schedule based on trail typologies		
<b>Program Recommendations</b>		
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.		

Establish a citywide and expanded bicyclist and pedestrian count program using automated counters – **The city was the recipient of free technical assistance from Eco-Counter and the League of American Bicyclists to analyze bicycle counter data. See report.**

**Table 6.8: Long-Term Recommendations**

<b>Infrastructure Projects (On Road Bicycle Facilities)</b>		
<b>Project Location</b>	<b>Facility Type</b>	<b>Status Update</b>
Millmont Street	Bicycle Lanes	Completed (2018)
Preston Avenue	Separated Bicycle Lanes	Design Needed.
Preston Avenue / Barracks Road	Bicycle Lanes	<b>Pavement Marking Plan completed. Repaving Scheduled for 2022</b>
Rugby Road	Climbing Bicycle Lane	Survey/Design Needed
<b>Infrastructure Projects (Trails)</b>		
<b>Project Location</b>	<b>Facility Type</b>	<b>Status Update</b>
Darden Towe to Pen Park	Bridge over Rivanna River	
Rock Creek	Trail	
Lodge Creek	Trail	
Pollock's Branch	Trail	
<b>Policy Recommendations</b>		
Dedicate more funds in the City's Capital Improvement Program specifically for bicycle and pedestrian projects <b>Ongoing advocacy for CIP. No funds were allocated to Bicycle Infrastructure in FY21.</b>		
<b>Programmatic Recommendations</b>		
Encourage local businesses and neighborhoods to participate in a car-diet challenge		
Monitor active transportation trends and expand count program, if necessary <b>The city was the recipient of free technical assistance from Eco-Counter and the League of American Bicyclists to analyze bicycle counter data. See report.</b>		