

# AGENDA

## RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION

### STEERING COMMITTEE RICHMOND REGIONAL BICYCLE & PEDESTRIAN PLAN

Wednesday, January 27, 2020

10 a.m. to 11:30 a.m. (Online)

**Please join our Zoom meeting from your computer, tablet or smartphone.**

<https://planrva-org.zoom.us/j/85122219816?pwd=OFh3TStoN0NSUDNQMGVnNnZFdUd6QT09>

Meeting ID: 851 2221 9816    Passcode: 097941

Find your local number: <https://planrva-org.zoom.us/u/kcOvdY2Zfv>

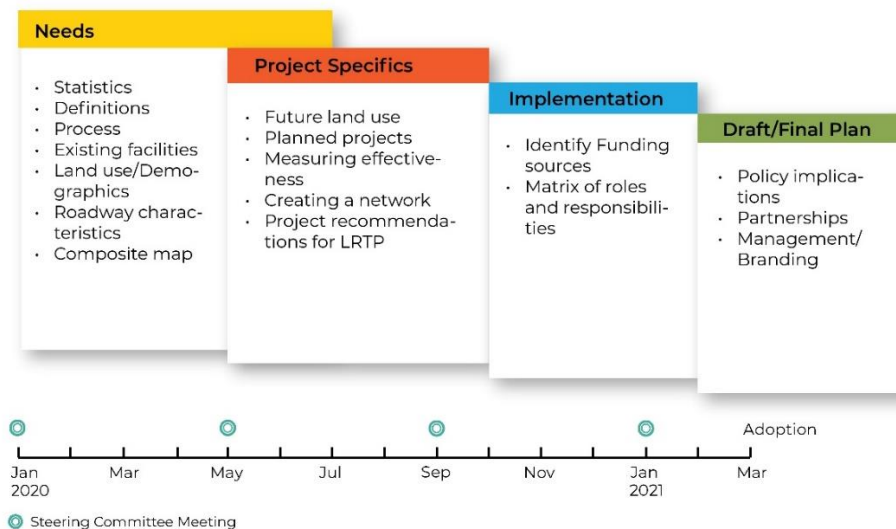
**NOTE:** We will ask that everyone please keep their microphones and phones on mute until you are speaking. We ask that everyone identify themselves first when speaking so we can more accurately record the activities of the meeting. Staff will monitor the chat throughout the meeting to assure we do not overlook anyone wishing to participate in the discussion.

**Welcome & Introduction**

*(5 minutes)*

**Where we are in the planning process**

*(5 minutes)*



**Regional Bike-Ped Plan in Context With LRTP** (5 minutes)

- Milestone Dates & Timeline
- Universe of Projects
- Project Prioritization process related to Bike-Ped

**Confirming Guiding Principles, Vision, Goals & Objectives** (15 minutes)

- [Vision, Goals & Objectives](#) (for final review)

**Organizing Framework for Potential Bike/Ped Projects** (20 minutes)

- Regional Data Review using revised [Story Map](#) (in progress)
  - Network, include Biking Level of Stress
  - Land Use
  - Demographics
- How to Use the Data – Illustrative Opportunities and Constraints, i.e. *20-minute neighborhoods*
  - Rural (Powhatan Courthouse)
  - Suburban (Huguenot/Robious Road area)
  - Urban (Route 1 corridor, South Richmond)

**Going Forward** (20 minutes)

- Confirming Organizing Elements
  - Regional Spines—Fall Line, Virginia Capital Trail, Appomattox River Trail
  - Locally identified projects
  - Long-term regional and local projects
- Synthesizing the data for decision making on priority projects
- Funding, i.e. SMART SCALE

**Setting Next Meeting Date in March** (5 minutes)

**Input Needed—Committee Assignments** (5 minutes)

- Level of local priority projects to build regional networks (on-going)
- Input on the plan performance metrics (on-going)

**Resources for Committee**

- NEW: [Richmond Regional Active Transportation Plan Update story map](#)
- ORIGINAL: [Richmond regional bicycle and pedestrian infrastructure story map](#)

**Ashland | Charles City | Chesterfield | Goochland | Hanover | Henrico | New Kent | Powhatan | Richmond**

- [Biking Level of Stress story map](#)
- [Complete Streets](#)
- [SharePoint planning resource page](#) & [Google Drive for plan images](#)
- Vision, Goals & Objectives: [PlanRVA Connect2045 Long Range Transportation Plan](#)
- PUBLIC INPUT: [WikiMap to submit regional transportation issues](#)
- Other needs justification—data, equity tool, land use model

## Guiding Principles, Vision, Goals & Objectives

RICHMOND REGIONAL BICYCLE & PEDESTRIAN PLAN GUIDING PRINCIPLES:			
<ol style="list-style-type: none"> <li>1. <b>Provide Safe, multi-modal</b> regional transportation system recognizing that vehicle speed and conflict between modes lead to higher roadway injury and fatality rates.</li> <li>2. <b>Ensure choice among all travel options</b> (private vehicle, transit, bike, walk) regionwide.</li> <li>3. <b>Prioritize completion of regional bicycle &amp; pedestrian networks</b> for individual and community health.</li> <li>4. <b>Make last-mile transit access</b> a priority for a more resilient transportation system.</li> <li>5. <b>Incorporate context sensitive design</b> of all facilities to reduce conflicts and enhance sustainable communities.</li> <li>6. <b>Build Equity</b> into all transportation planning and spending in the region with focus on connecting historically disregarded communities to employment and services.</li> </ol>			
<b>VISION:</b> The Richmond Region provides mobility for people of all ages and abilities through a safe, continuous, recognizable, and intuitive pedestrian and bicycle network. Efforts to make walking and biking a safe travel mode are well-integrated into all regional and local comprehensive and related plans, implementing ordinances and guidelines to equitably enhance the quality of life, strengthen local economies, and preserve the natural environment.			
Goals	Objectives	Plan Performance Measures	Federal Performance Measures
<b>Safety</b>			
Zero traffic-related pedestrian and cyclist fatalities.	<ul style="list-style-type: none"> <li>• Reduce the number of crashes</li> <li>• Eliminate fatalities and serious injuries</li> </ul>	<ul style="list-style-type: none"> <li>• Crash rate, bike/ped</li> <li>• Crash frequency, bike/ped</li> <li>• Changes at priority locations along high injury network as defined for 2019 base year</li> </ul>	Number of fatalities Rate of fatalities Number of serious injuries Rate of serious injuries Number of non-motorized fatalities and serious injuries
<b>Environment/Land Use/Health</b>			
Decrease in the number of days with an Air Quality Index above 50 as measured by EPA	<ul style="list-style-type: none"> <li>• Recognize bike/ped as viable transportation mode not only recreation</li> <li>• Reduce transportation related pollutants</li> <li>• Reduce VMT per capita</li> <li>• Increase number of trips traveled through active transportation modes</li> <li>• Improve work/life balance</li> <li>• Provide more active transportation access to EJ populations which are also located in areas with a very low or low Health Opportunity Index (HOI)</li> </ul>	<ul style="list-style-type: none"> <li>• % Increase in distance available to bike/ped users across the region</li> <li>• Sensitive features/resiliency</li> <li>• Air pollution</li> <li>• VMT per capita</li> <li>• Connections within and to activity centers</li> <li>• Health Opportunity Index (VDH) overlap with EJ population areas</li> </ul>	

Equity/Accessibility			
<p>Improve accessibility and mode choice for all people including considerations for level of stress or comfort (LOC) in travel by bicycle or on foot.</p>	<ul style="list-style-type: none"> <li>• Increase in bike lane miles with a Level of Stress (LOS) of 2 or better</li> <li>• Increase in # of transit stops served by sidewalks</li> <li>• Increase access to jobs and community services via transit, walking and biking for EJ populations</li> <li>• Increase access to jobs and community services via walking, biking and transit</li> </ul>	<ul style="list-style-type: none"> <li>• # of Jobs accessible by bike/ped</li> <li>• # of Jobs accessible to EJ population</li> <li>• # of Community Destinations accessible to EJ populations and all populations by bike/ped</li> <li>• # of bike/ped connections to transit stops with at a LOS level of 2</li> </ul>	
Economic Development			
<p>Improve bike/ped connectivity and mobility for strong economic vitality</p>	<ul style="list-style-type: none"> <li>• Improve reliability of travel to and within regional activity centers, and from one to another</li> <li>• Focus on creating a strong sense of place throughout the region with focus on attracting talent</li> <li>• Increase multimodal access to tourist destinations</li> </ul>	<ul style="list-style-type: none"> <li>• Increases in property values with addition of bike/ped elements</li> <li>• # of activity centers with bike/ped facilities</li> <li>• Ease of travel measures-wayfinding, facilities and services along the route and at destinations for bike/ped</li> </ul>	
Mobility/Resiliency			
<p>Increase mobility and mode choice, and maintain the transportation system in a state of good repair</p>	<ul style="list-style-type: none"> <li>• Increase the percent of the network that incorporates complete streets elements</li> <li>• Increase system efficiency through technology advances</li> <li>• Enhance bike/ped system reliability by making maintenance a priority</li> </ul>	<ul style="list-style-type: none"> <li>• Person Throughput by bike/ped</li> <li>• Person Hours of Delay</li> <li>• Pavement quality, including shoulders, bike lanes, sidewalks, and trails</li> <li>• Bridge quality and accommodations for bike/ped</li> </ul>	

## Richmond Regional Bicycle & Pedestrian Plan projects list

### ORGANIZING ELEMENTS—REGIONAL SPINES

#### Fall Line (formerly Ashland to Petersburg Trail)

- Ashland Trolley Line boardwalk [nearly complete] (Ashland, UPC 103393, RSTP/CMAQ)
- Chickahominy River Crossing (Henrico-Hanover, SMART SCALE)
- Woodman Road Extended (Henrico – UPC 113476, SYIP)
- Parham Road/Hungary Road (Henrico – UPC 115001, SMART SCALE)
- Longdale Trail and Intersection Improvements (Henrico, SMART SCALE)
- Brook and Hilliard Road Diet (Henrico – RSTP/CMAQ)
- Lakeside Community Trail (Henrico, 3 phases, TA-Set Aside)
- 2<sup>nd</sup>/3<sup>rd</sup> Street (Richmond, TA-Set Aside)
- Tredegar St. (Richmond, multiple phases, TA-Set Aside)
- Commerce Road pedestrian safety project Phase I (Richmond, TA-Set Aside)
- Route 1/Walmsley-Bellemeade (Richmond, SMART SCALE)
- Route 1/Falling Creek Ave. to Food Lion (Chesterfield, SMART SCALE)
- Route 1/Marina Dr. pedestrian HAWK (Chesterfield, TA-Set Aside)
- Route 1/Dwight-Getting (Chesterfield, TA-Set Aside)
- Chester Linear Park Ext. & Chester Rd. (Chesterfield, SMART SCALE)

#### Virginia Capital Trail (Spurs)

- Charles City Courthouse multiuse trail [Complete] (Charles City – UPC 97688)
- Courthouse to Courthouse Trail (Charles City and New Kent)
- River's Rest Spur Trail, Wilcox Neck or other (Charles City County)
- Dorey Park Trail (Henrico – UPC 106184, SYIP)
- Gillies Creek Greenway/Gillies Creek to Oakwood Cemetery (Richmond – UPC 113490, 113429)

#### Appomattox River Trail

Appomattox River Trail, 25-mile greenway under development along both sides of the Appomattox River (in urban areas) and connects to the Fall Line Trail in Petersburg. The following bridge locations connect to the Richmond region:

- Chesterfield into Dinwiddie-1.5 miles east of Brasfield Dam at Lake Chesdin
- Chesterfield/VSU into Petersburg-part of Fall Line and East Coast Greenway (SMART SCALE)
- Petersburg/Colonial Heights west of I-95-connection to Fall Line west

### **Locally identified projects**

- Skipwith Road/I-64 bridge repair/improvements (Henrico – UPC 111290)
- Pemberton Road/I-64 bridge repair/improvements (Henrico – UPC 111291)
- Nuckols Road Trail (Henrico, Nuckols Rd. at Springfield headed east – UPC 107175, TA-Set Aside)
- Richmond-Henrico Turnpike improvements (Henrico – UPC 110911, 111716, SYIP)
- Nine Mile Road, roadway reconfiguration, ped improvements (Henrico, SMART SCALE)
- Cannon Creek Greenway (Richmond – UPC 106246)
- Bellemeade Park Trail (Richmond)
- Rt 161/Boulevard Bridge to Blanton Ave and Blanton Ave to French St bike lanes (Richmond)
- East Forest Hill Ave, Phase II improvements (Richmond, SMART SCALE)
- East End Trail/West Creek Trail (Goochland – UPC 113430)
- Path to connect Stratton Park to Pocahontas State Park (Chesterfield – UPC 111105)
- Courthouse trail from Courts Complex Rd to Rt 10 (Chesterfield, SMART SCALE)
- Dundas Road mulituse trail (Chesterfield, SMART SCALE)
- Boulders Trail Project (Chesterfield)
- Winterpock Trail along Hull Street Road (Chesterfield)
- Route 60, Providence Rd.-Wadsworth Dr., multiuse trail (Chesterfield, SMART SCALE)
- Route 60, between Chippenham Parkway-Boulders Parkway, sidewalk & multiuse trail (Chesterfield, SMART SCALE)

### **Long-term projects (localities)**

- Atlee Station Road Widening - Phase 2 (SMART SCALE)
- Upper Chickahominy Linear Park and Multiuse Trail (Hanover)
- Scott Rd. bridge over I-95? (Henrico)
- Bicycle lanes/trail, Route 6 to Goochland Courthouse (James River Heritage?)
- Bicycle lanes/trail, Route 711/Huguenot Trail to US522/Powhatan State Park (James River Heritage?)
- Scotts Addition Greenway/Boulevard Trail (Richmond300)
- Mayo Bridge improvements (SMART SCALE)
- James River Park/Greenways (Richmond, a handful, identified in JRPS plan)
- Pocosham Greenway, extension of Reedy Creek to Chesterfield (Richmond)
- James River Branch Line (Richmond300, SMART SCALE)
- Hull Street Road, multiuse path and sidewalk (Richmond-Chesterfield, SMART SCALE)

### **Long-term projects (regional)**

- Three Notch'd Trail (Charlottesville to Richmond Region from west)
- James River Heritage Trail (along James River to west on north or south bank)

**Ashland | Charles City | Chesterfield | Goochland | Hanover | Henrico | New Kent | Powhatan | Richmond**

- Off-road trail sections of US Bike Route 1 (redesignate to Fall Line?)
- Off-road trail sections of US Bike Route 76 (redesignate to Fall Line?)
- Off-road trail sections of US Bike Route 176 (redesignate to Virginia Capital Trail with bypass Henrico-Hanover)
- Off-road trail sections of East Coast Greenway (redesignate to Fall Line?)