Virginia Statewide Bicycle and Pedestrian Advisory Committee
Spring meeting
24th Floor Conference Room
600 E. Main St Richmond, Virginia 23219
April 27th, 2016
10:00 am – 2:30 pm

1. Welcome and introductions
   John Bolecek 10:00 am to 10:15 am
2. Bicycle signage update
   Marc Lipschultz 10:15 am to 11:00 am
   - Share the Road, Route, and BMUFL signs
   - Crosswalk guidance
3. Safety update
   Mark Cole 11:00 am to 11:30 am
   - Runable strip update
4. Research update and discussion
   Peter Ohlms 11:30 am to 12:00 pm
   - TPRAC balloting update
   - Upcoming research program
   - Bicycle and pedestrian statewide count program research project

Break to pick up lunch - bring back for working lunch
Break 12:00 pm Resume 12:30 pm

5. NPS National Capital Area Paved Trail Plan
   Tammy Stillham 12:30 pm to 1:00 pm
6. Updates on Committee’s top technical concerns:
   Various 1:00 pm to 1:30 pm
   - Creating and improving long distance routes
     i. Update on State Trails Advisory Committee meeting
   - Statewide Trail Signage update
     - Maintenance payments / funding loss from road diets
     - Sweeping bike lanes / snow clearing
     - Urban standards / urban retrofits / DRPT Multimodal Design Guidelines and NACTO
     - Update on Review of 2004 CTB Policy

7. Virginia Bicycling Federation update
   Champe Burnley and Bud Yve 1:30 pm to 1:45 pm
   - Legislative update
   - Other announcements
8. VDOT Bicycle and Pedestrian Program update
   John Bolecek 1:45 pm to 2:15 pm
   - Overview of projects
9. Closing
   John Bolecek 2:15 pm to 2:30 pm
   - Summary of follow-up items from this meeting
   - Discussion of future agenda items
1. Welcome and Introductions

Introductions

• Name
• Location
• Representation
2. Bicycle Signage and Traffic Engineering Update

Marc Lipschultz 10:15 to 11:00am
3. Various VDOT Safety Initiatives

**Mark Cole** 11:00 to 11:30am
4. Research Update

Peter Ohlms 11:30 am to 12:00 pm
5. NPS National Capital Area Paved Trail Plan

Tammy Stidham 12:30pm to 1:00pm

Paved Trail Plan

The NPS is a leader in connecting people to the great outdoors and to our national heritage. Within the National Capital Region, the NPS paved trail network spans more than 95 miles and links together some of our nation’s most significant cultural heritage, natural resources, and outdoor recreational assets. In addition to the five NPS park units, the NPS paved trail network travels through two states, the District of Columbia, five counties, and the City of Alexandria - making it one of the most complex trail networks in the nation.

The challenges of providing a high quality trail experience are complex and divers. Trails on NPS land often traverse cultural landscapes, scenic viewsheds, or along historic roads, and trail improvement or enhancement projects must be designed to minimize impacts on park resources and values. This study is based on a comprehensive examination of NPS regional trail network conditions and a literature review of NPS and other federal regulations and policies that guide trail planning. Stakeholder outreach and an assessment of local government trail plans and priorities informed the study, including the identification of major trail gaps and areas for potential partnership and collaboration.

The purpose of this study is to assess current trail and trail system conditions, and recommend steps the NPS and/or other agencies can take to improve existing trails and to create an integrated, interjurisdictional network of urban trails for recreation, multi-modal transportation and education.

Contact information
Tammy Stidham
Chief of Planning
202-619-7474
6. Committee’s Top Technical concerns

1. Creating and improving long distance routes
   • Update on State Trails Advisory Committee
   • DCR Signage Plan for state trails
   • Website to report missing signs here: https://my.vdot.virginia.gov/
   • USBR 176 Application submitted (next slide)

2. Maintenance Payments / funding loss from road diets
   • Bill failed

3. Sweeping Bike Lanes / snow clearing

   • NACTO Global Street Design Guide released
   • NACTO Transit Guide released

5. Limited Access Policy
   • Report finalized

6. Update on Review of 2004 CTB Policy
Existing Routes shown in Blue

• Existing U.S. Bicycle Route 76 is 4 miles longer to Ashland
• Higher volume roadways
• Mostly primary roadways

New Route in Red

• 15.7 miles of the 17 mile route is open the Virginia Capital Trail (see photo)
• Passes by more services of interest to bicyclists i.e. bicycle shops, lodging etc.

New U.S. Bicycle Route 176
New Route in Red and Green

• **Westbound** route shown in red
• **Eastbound** shown in green (due to one way streets)
• 4 miles shorter route to Ashland
• Replaces 15.7 on-road miles onto the Virginia Capital Trail
• Lower volume roads along USBR 1
• Access to bike shops, lodging

**Takes advantage of:**

• Virginia Capital Trail
• Main St / Franklin Street protected Bike Lanes
• Bank St uphill bike lane / downhill sharrows

Existing U.S. Bicycle Route 1 shown in Blue

• Connects USBR 1 at Franklin/Main St and 2nd St
• Riders continue to Ashland on USBR 1

Portion of route that is on road and currently undesignated

• Leaves Capital Trail at 21st street
• Joins U.S. Bicycle Route 1 at Franklin/Main and 2nd St and continues to Ashland

Route leaves Virginia Capital Trail here
Update on Compliance Review of 2004 CTB Policy

Draft findings:

- Projects are complying with the CTB Policy
- VDOT to update forms to capture documentation on all projects
- VDOT to create an bike lane, shared use path, and sidewalk data collection method after project close out
- VDOT to develop metrics to track progress
- Response not finalized
7. Legislative Update

Champe Burnley and Bud Vye 1:30 pm to 1:45 pm
VBF Photos of Amtrak

Vermont Bike Rack Pilot Program

https://www.dropbox.com/s/yn5d3vpuqi124kw/VermontAmfleetBikeRack1_Amtrak.jpg?dl=0

https://www.dropbox.com/s/zw4amytxe8mgu3f/Vermont%20AmfleetBikeRack2.jpg?dl=0
4. VDOT Bicycle and Pedestrian Program Update

Projects Underway

• Business Plan Items
  • Will repeat in FY17
  • Committee will comment directly to project managers

• Count Program
  • 7 counters along Capital Trail
  • VCU MURP project assisting with starting a count program

• HB2
  • Metrics looking at accessibility

• 2004 CTB Compliance
  • Audit response not finalized
6. Design Resources

George Rogerson – Location and Design

FHWA Incorporating On-Road Bicycle Networks into Resurfacing Projects
FHWA Separated Bike Lane Planning and Design Guide
NACTO Urban Street Design Guide

AASHTO Pedestrian Guide
Only available from AASHTO Book Store
NCHRP Report 672 – Roundabouts: An Informational Guide

AASHTO Bicycle Design Guide
Only available from AASHTO Book Store
Multimodal System Design Guidelines

VDOT Road Design Manual
From 09/10/2015 To 10/25/2035

1. 4 Herring Creek: 29,615
2. 1 Almond Creek: 18,702
3. 5 Adkins Road: 1,967

Total counts: 55,258
Daily Average: 45
4. VDOT Bicycling and Walking Website Resources

Bicycling and Walking in Virginia

The State Bicycle and Pedestrian Program promotes bicycling and walking throughout Virginia. These web pages provide information about the program and bicycle and pedestrian projects conducted by the Virginia Department of Transportation (VDOT), as well as the Policy for Integrating Bicycle and Pedestrian Accommodations.

Safe Routes To School

The State Bicycle and Pedestrian Program was established in the late 1970s and began to provide planning assistance to state and local transportation planners.

The Bicycle and Pedestrian Program plays a leadership role in advancing bicycle and pedestrian accommodations as routine practices. It seeks to maximize the utility and safety of non-motorized modes for both transportation and recreation.

The program is led by the state Bicycle and Pedestrian Planner who is part of VDOT's Transportation and Mobility Planning Division. The state Bicycle and Pedestrian Planner oversees and coordinates intradepartmental efforts to plan, design, and implement bicycle and pedestrian projects throughout the state.
Virginia is a key destination for bicycle touring. U.S. Bike Route 76, also known as the Transamerica Route, traverses the state west to east, while US Bike Route 1 runs north-south. Combined they make up over 838 miles in Virginia.

A History of U.S. Bicycle Route One (PDF, 73 KB)

http://www.virginiadot.org/programs/united_states_bicycle_route_1_and_76_in_virginia.asp
Funding

FHWA Funding Chart

- [http://www.fhwa.dot.gov/environment/bicycle_pedestrian/funding/funding_opportunities.cfm](http://www.fhwa.dot.gov/environment/bicycle_pedestrian/funding/funding_opportunities.cfm)

HB2

- Independent bicycle and pedestrian projects scored well last round
- Many highway projects included a bike/ped element
- Key dates:
  - April - May — SYIP Spring Public Meetings
  - July 1 — Pre-application coordination period begins
  - August 1 — Open period for applications begins
  - September 30 — Last day to submit project applications
Other Resources on Website

**Bike/Ped Library:**


**2004 Policy Documents:**


**Maps Available:**

- [http://www.virginiadot.org/bikemap/default.asp](http://www.virginiadot.org/bikemap/default.asp)

**Bicycle Access and Prohibition on Limited Access Roadways:**

- Non-Interstate - Facilities Not Designated Limited Access and Not Prohibited to Bicycles
- Non-Interstate - Facilities Designated Limited Access and Prohibited to Bicycles
- Non-Interstate - Facilities Designated Limited Access and Not Prohibited to Bicycles
Bicycle and pedestrian training

UVA TTA Training

- Road Diet Workshop
  05/03/2016 | Charlottesville, VA

- Road Diet Workshop
  05/05/2016 | Virginia Beach, VA

- Bicyclists and Pedestrians: Effectively Meeting the Needs of Non-Motorized Transportation
  05/13/2016 | Suffolk, VA

Archived Webinars:

http://www.pedbikeinfo.org/training/webinars.cfm
9. Wrap Up & Next BPAC Meeting

Follow-up Items

• Follow-up items are due to John Bolecek
  john.bolecek@vdot.virginia.gov
Thank you

John Bolecek
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