

Prince William County Bicycle Skill Level Map



Field Check Review—published 2.21.2019





Background

The Prince William County Department of Transportation developed a Bicycle Skill Level Map in the Fall of 2018, designed to assist commuter and recreational bicyclists in finding bicycle routes that best serve their skill level. Skill levels included Beginner, Occasional rider, Frequent rider, and Confident & Experienced rider. The initial map grouped road segments into these categories based on speed, traffic volume, and whether or not there was an existing dedicated bicycle facility.

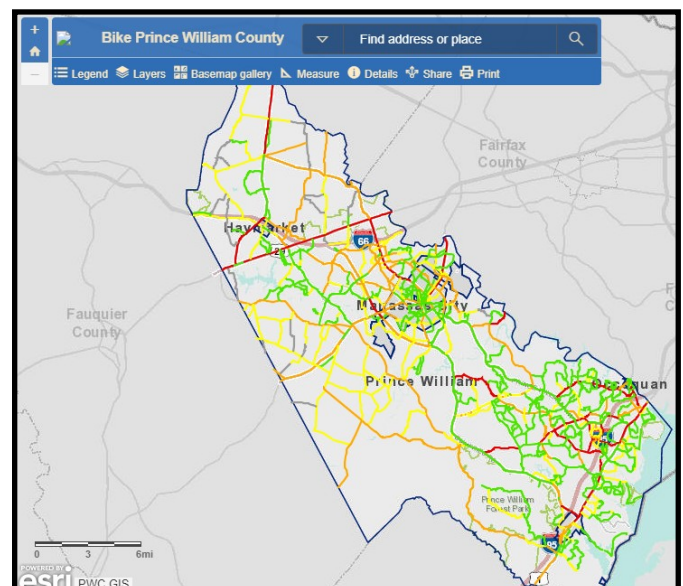
To capture qualitative feedback about what makes a given roadway more or less comfortable for different skill levels of bicyclists, the Prince William County public was encouraged to provide comments and suggestions on changes to the map from 9/1/18—10/31/18. After the comment period ended, PWCDOT staff conducted field checks of 32 road segments where the public suggested a change.

The following document provides details about each road segment that was evaluated for a change in skill level designation. Each road segment evaluation contains:

- The road segment in question with beginning and ending termini
- The original skill level designation, based on speed, traffic volume, and presence of a bicycle facility
- The suggested skill level designation by the public and full public comments received
- Field check evaluation photos, comments, and PWCDOT-staff-recommended skill level designation for the road segment.

| | |
|--|--|
| Skill Level 1 | Beginner |
|   | Children, new or inexperienced riders. Prefer fully separated bike paths. |
| Skill Level 2 | Occasional Rider |
|  | Comfortable biking on low speed, low traffic streets. Interested but concerned about bike lanes. |
| Skill Level 3 | Frequent Rider |
|  | Above-average skill commuters. Prefer most direct route, even if that means using bike lanes or shared lanes at times |
| Skill Level 4 | Confident & Experienced Rider |
|  | Comfortable navigating heavy traffic and difficult intersections |

Map link: <https://arcg.is/1Wnqib>



Prince William County Bicycle Skill Level Map



Field Check

Item #: 1

Road: Stonewall Rd (Route 4359)

From: Center St (Route 28)

To: Sudley Rd (Route 234)

Average Daily Traffic (2017 VDOT Counts): 4,200





Posted speed: 25 mph

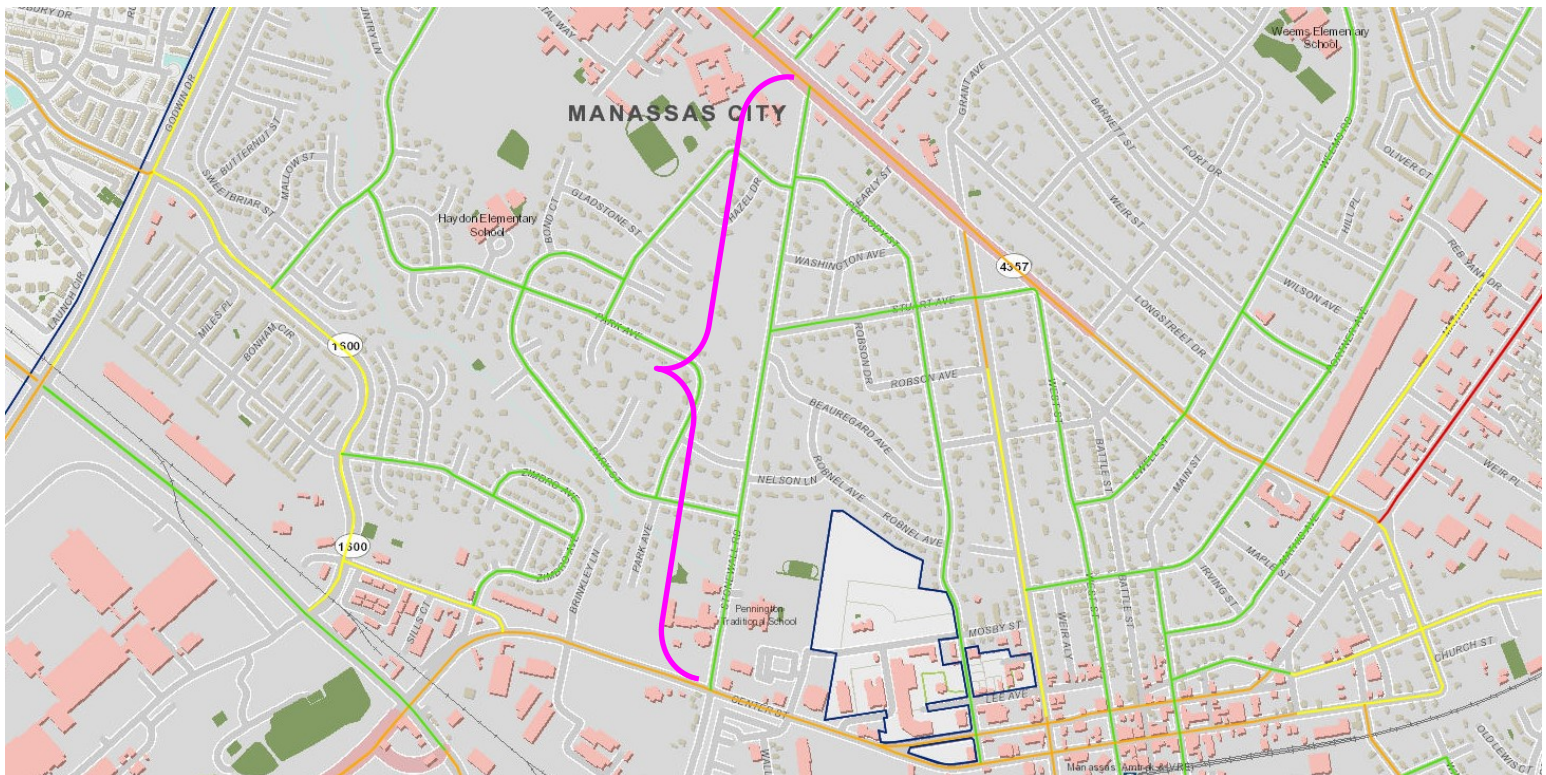
Current designation: Green.

Proposed designation: Yellow.

Full comments: It has substantially higher traffic volumes than the nearby neighborhood streets (plus some hills) and should be depicted in yellow.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation:

Yellow

Reviewer comments: Good sight lines, relatively low traffic volume, and good distance for drivers to give space as they pass results in a roadway that should feel safe for most occasional riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 2

Road: Hoadly Rd (Route 642)

From: Dumfries Rd (Route 234)

To: Spriggs Rd (Route 643)

Average Daily Traffic (2017 VDOT Counts) : 13,000-23,000

Posted speed: 50 mph

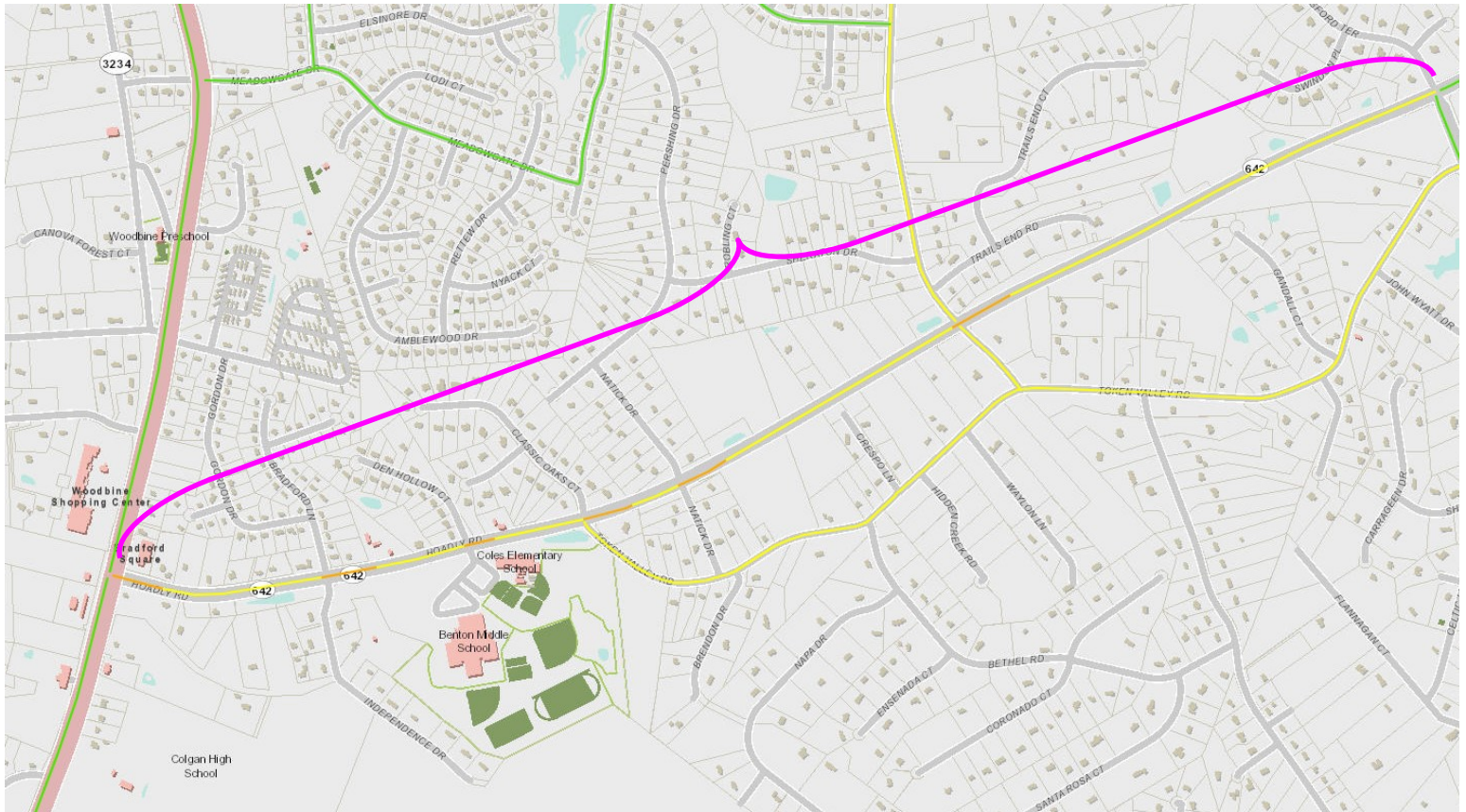
Current designation: Mix of yellow and orange

Proposed designation: None proposed. Evaluate at field check using Designation Key.

Full comments: At the intersection of Hoadly Road and Rt. 234, there are no crosswalks nor any pedestrian/bicycle signals for people to cross from the west side of 234 (by the BP) over to the shoulder of Hoadly Road in order to ride along either side of Hoadly Road on the shoulder.

Designation Key

- Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
- Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
- Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
- Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation:

Orange

Reviewer comments: Realistically, the segments of Hoadly that have bike lanes are not any more comfortable than the segments with wide shoulders. Speed and road volume are still high.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 3

Road: Allen Dent Rd (Route 635)

From: Jefferson Davis Hwy (Route 1)

To: Telescope Ln (Route 3365)

Average Daily Traffic (2017 VDOT Counts): 5,700





Posted speed: 30 mph

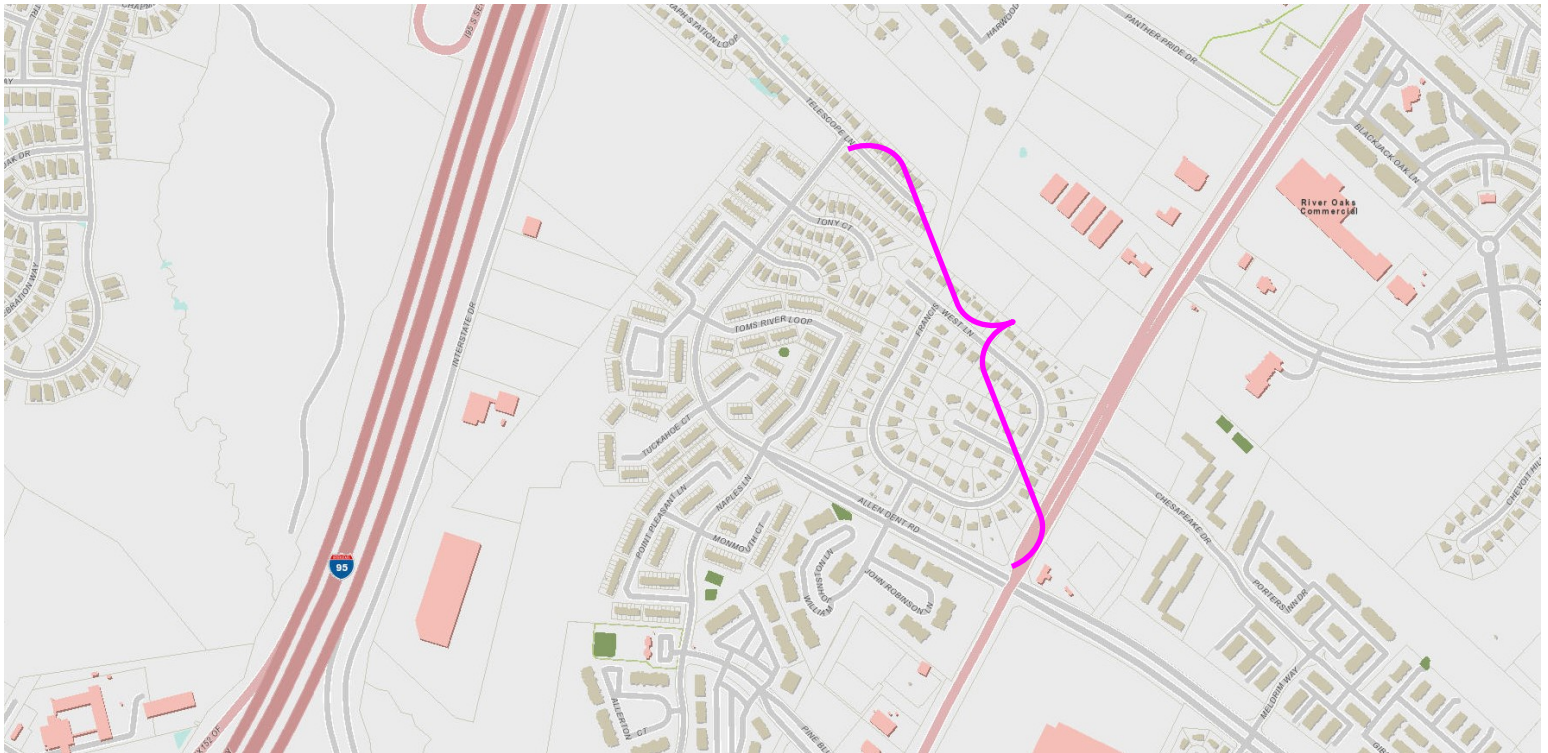
Current designation: None.

Proposed designation: None proposed. Evaluate at field check using Designation Key.

Full comments: Respondent would like PWC to assign a skill level to this road.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Orange

Reviewer comments: The traffic volume was relatively low during the field check, but occasional riders would not be comfortable with the available space had there been more traffic.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 4

Road: River Heritage Blvd (Route 1194)

From: Potomac Shores Pkwy (Unknown Route #)

To: Marsh Pine Rd (Unknown Route #)

Average Daily Traffic (2017 VDOT Counts) 6,200





Posted speed: 25 mph

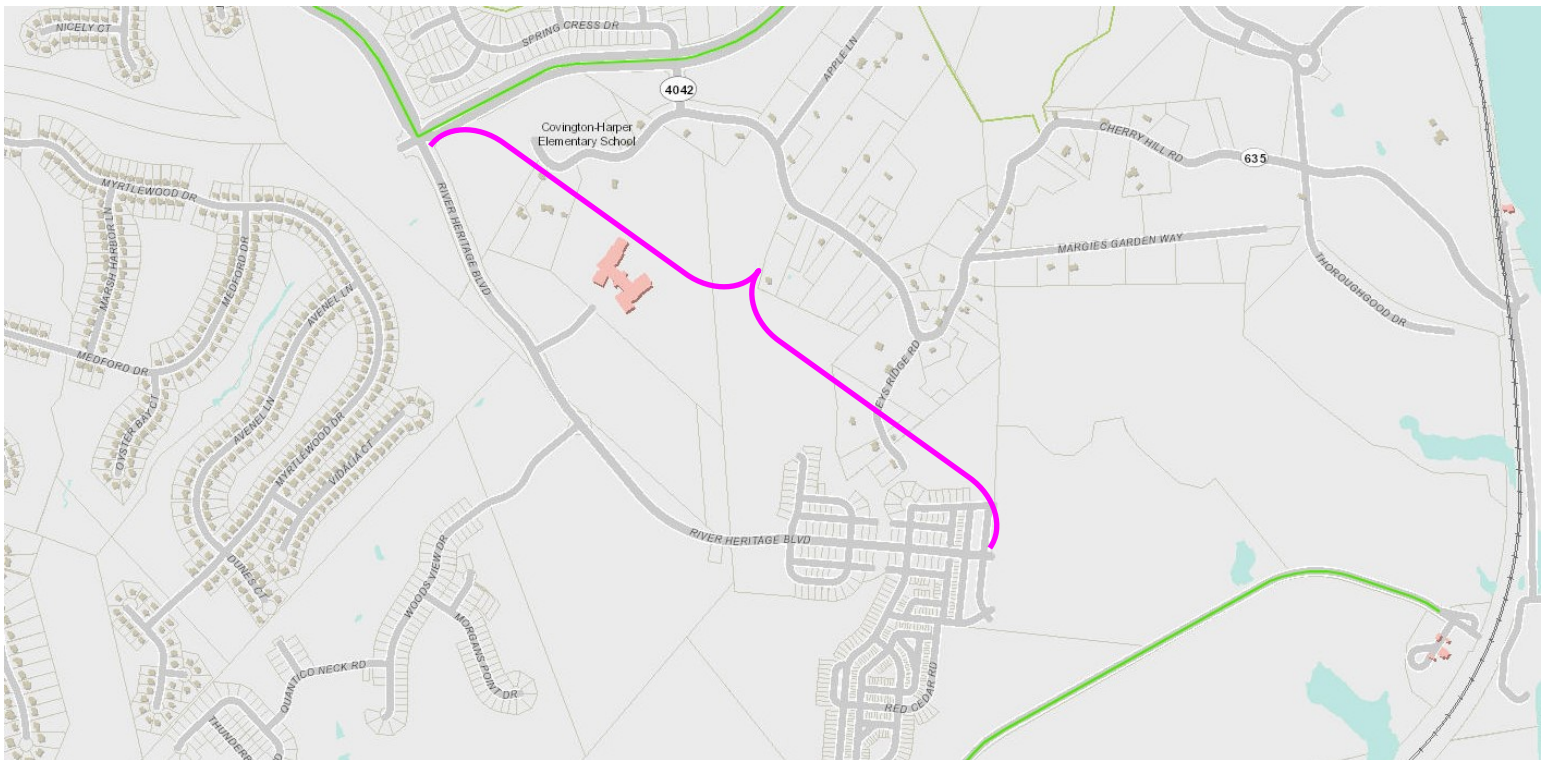
Current designation: None.

Proposed designation: None proposed. Evaluate at field check using Designation Key.

Full comments: Respondent would like PWC to assign a skill level to this road.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Green.

Reviewer comments: A shared use path exists along the entire stretch of this road segment on the north side.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 5

Road: Dunnington Pl (Unknown Route #)

From: Potomac Shores Pkwy (Unknown Route #)

To: Dead end

Average Daily Traffic (2017 VDOT Counts): Unknown





Posted speed: Unknown

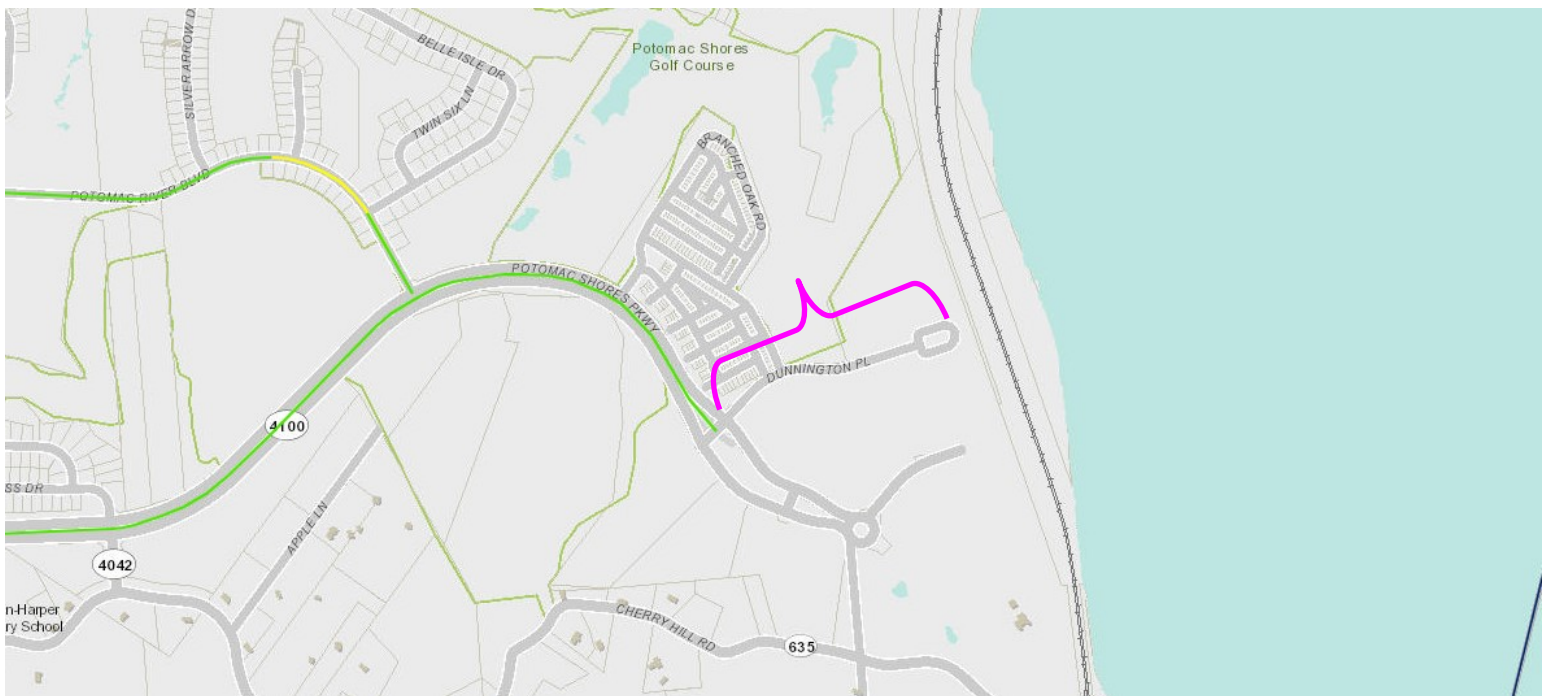
Current designation: None.

Proposed designation: None proposed. Evaluate at field check using Designation Key.

Full comments: Respondent would like PWC to assign a skill level to this road.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Green

Reviewer comments: This road segment is paved with bricks and has an adjacent shared use path, also built out of brick. The paving materials and width make both the road and shared use path comfortable to use.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 6

Road: Cockpit Point Rd (Route 783)

From: Possum Point Rd (Route 633)

To: Dead end

Average Daily Traffic (2017 VDOT Counts): 120





Posted speed: Unknown

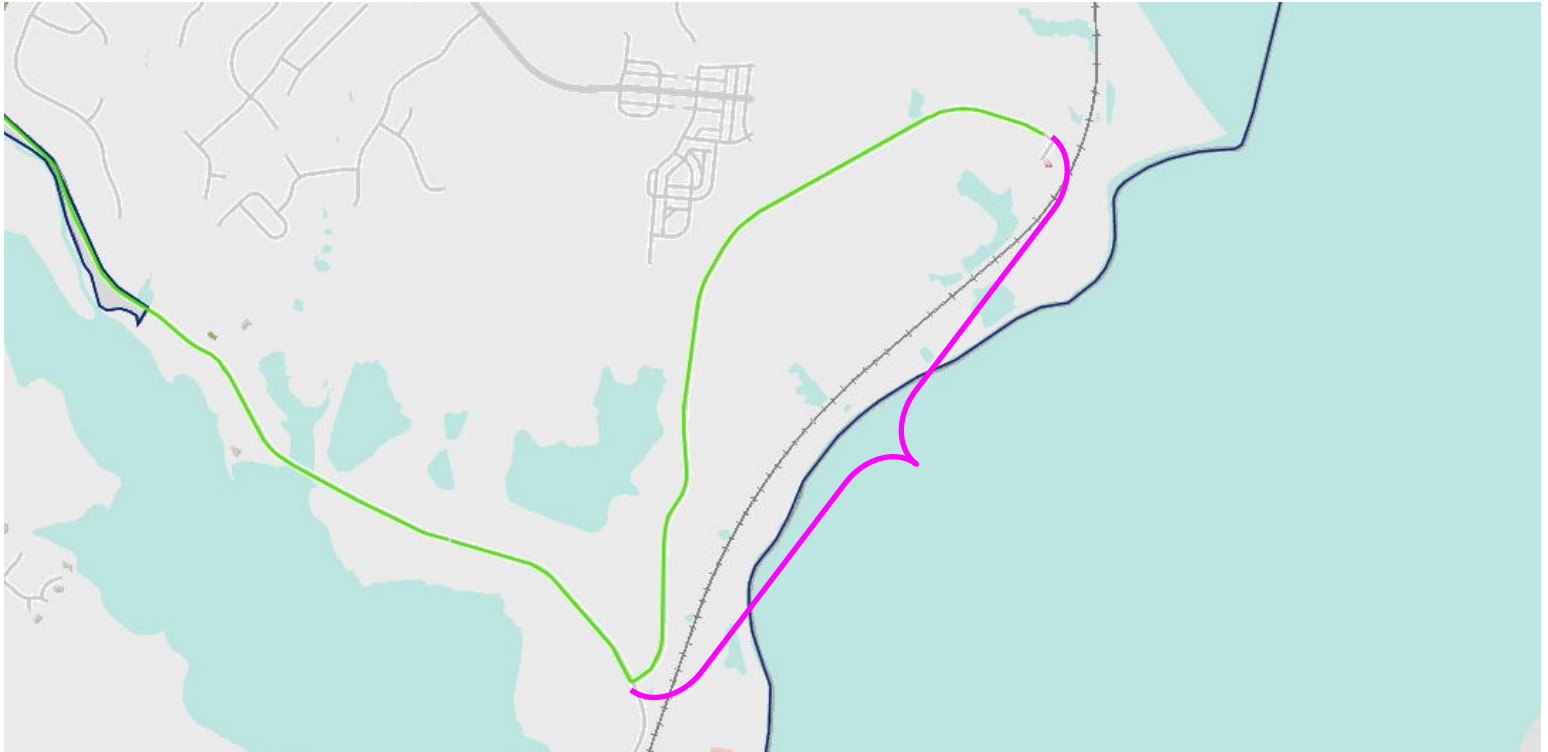
Current designation: Green.

Proposed designation: None proposed. Evaluate at field check using Designation Key.

Full comments: Respondent indicates that this road is not accessible. Evaluate at field check to understand if road should have a skill level designation.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Orange

Reviewer comments: This road has very low traffic volume, but the steep grades and blind curves lead to an environment that occasional riders would likely find uncomfortable.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 7

Road: Joplin Rd (Route 619)

From: West of I-95

To: Bristow Rd (Route 234)

Average Daily Traffic (2017 VDOT Counts): 3,400—18,000





Posted speed: 35—45 mph

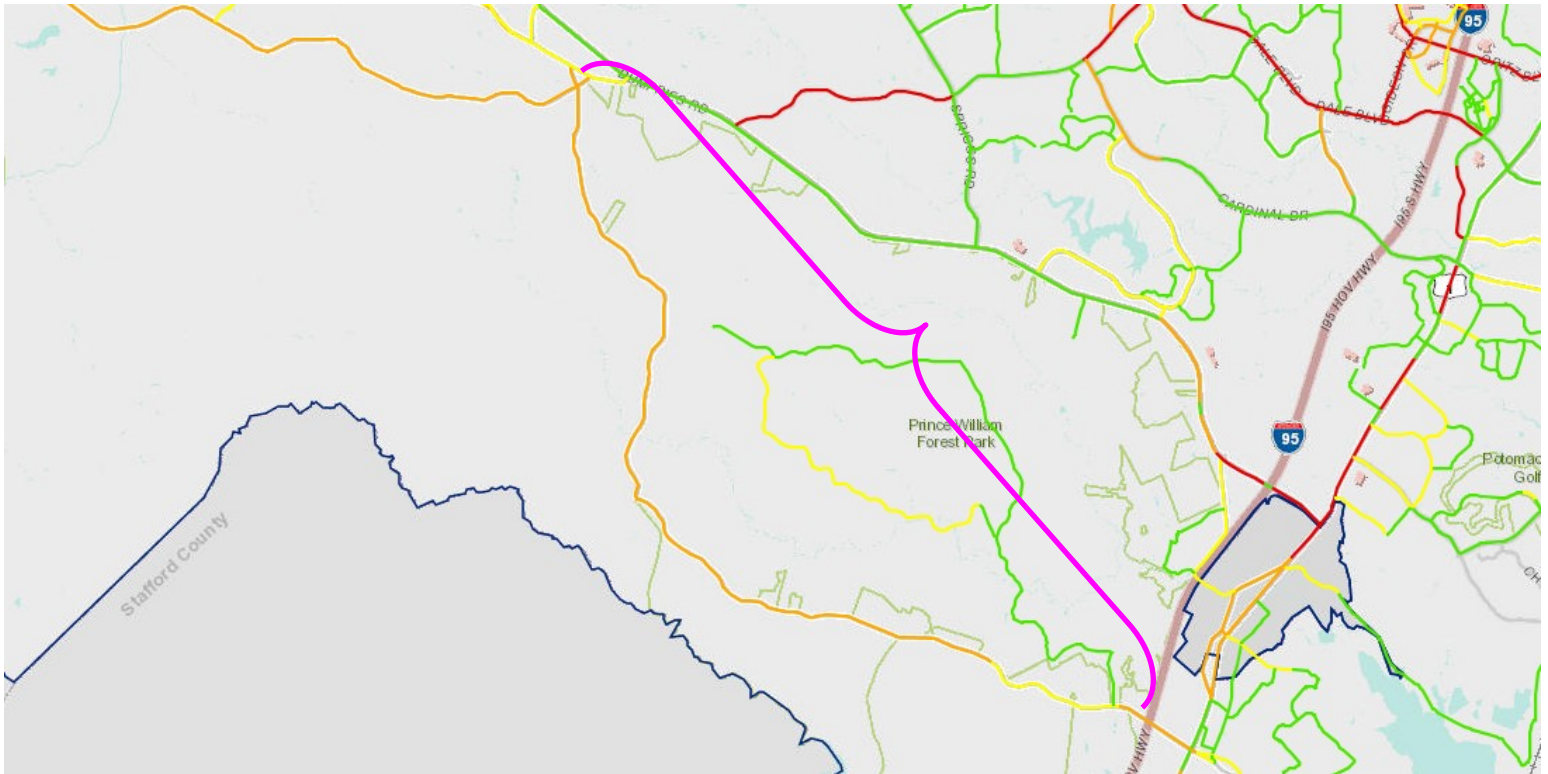
Current designation: Mix of yellow and orange.

Proposed designation: Red.

Full comments: Joplin Road is one of the most dangerous roads I have ridden. I won't ride it again. Blind curves and hills, no shoulder, traffic usually far exceeds posted speed.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red

Reviewer comments: No shoulders and several blind vertical and horizontal curves make this roadway quite challenging for bicyclists.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 8

Road: Park entrance/Scenic Dr

From: Joplin Rd (Route 619)

To: Pyrite Mine Rd

Average Daily Traffic (2017 VDOT Counts): Unknown





Posted speed: 25 mph

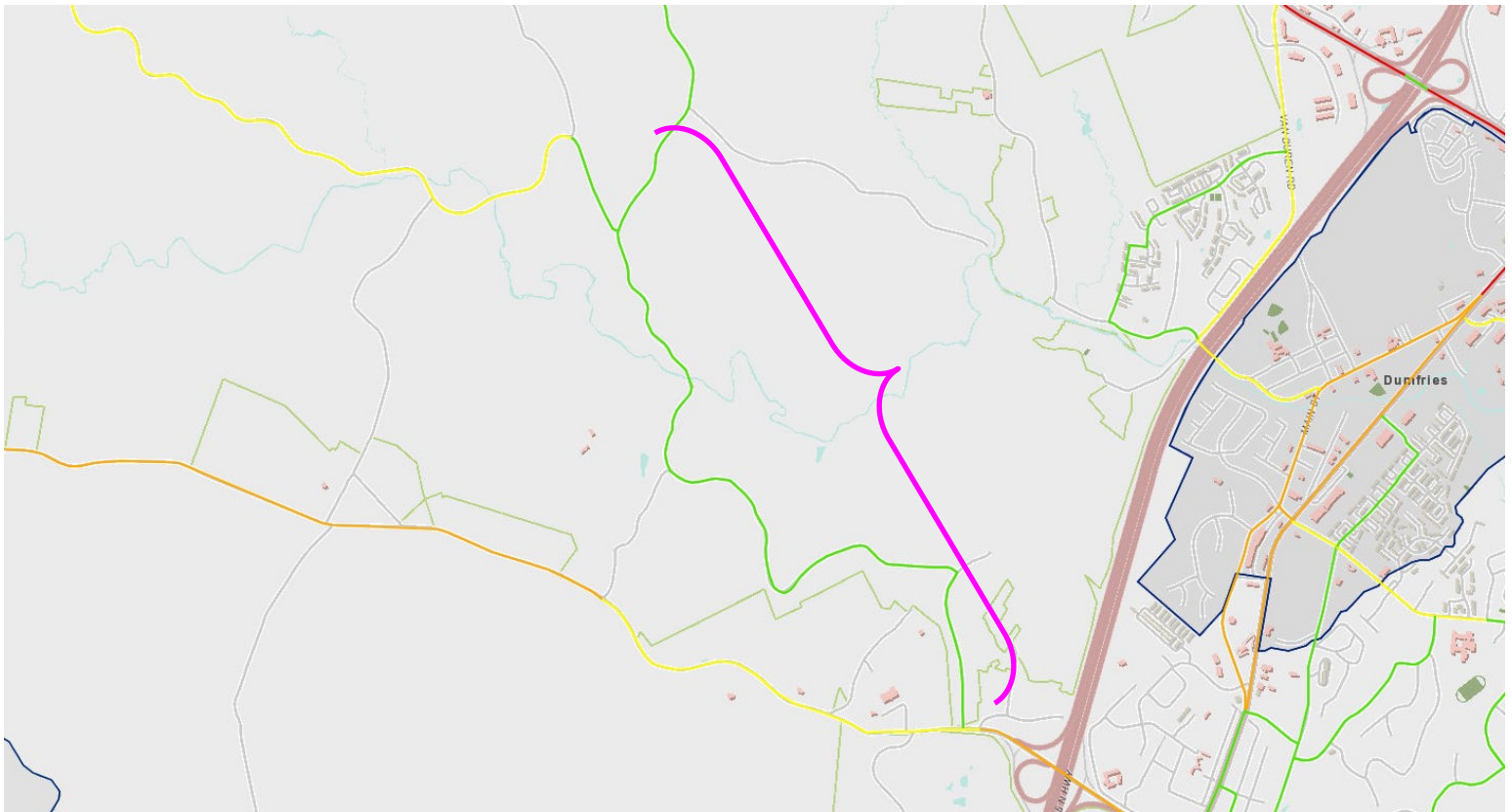
Current designation: Green

Proposed designation: None proposed

Full comments: And the child-friendly part starts at the top of the hill on the loop at the bike lane and not at the Y shown on the map. I would not ride with my grandchildren on the access road. I love it but it is too hilly for beginners. Most would have to walk up the hills (no shoulders) and it is easy to hit 35 mph quickly coasting.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Yellow

Reviewer comments: While the posted speed limit is 25, the citizen comment is correct that the grade would create difficulties for beginner bicyclists. With the right bike, occasional riders should feel comfortable. The section with buffered bike lane is suitable for beginners.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 9

Road: Aden Rd (Route 646)

From: Joplin Rd (Route 619)

To: Fleetwood Dr (Route 611)

Average Daily Traffic (2017 VDOT Counts): 4,500

Posted speed: 45 mph

Current designation: Orange

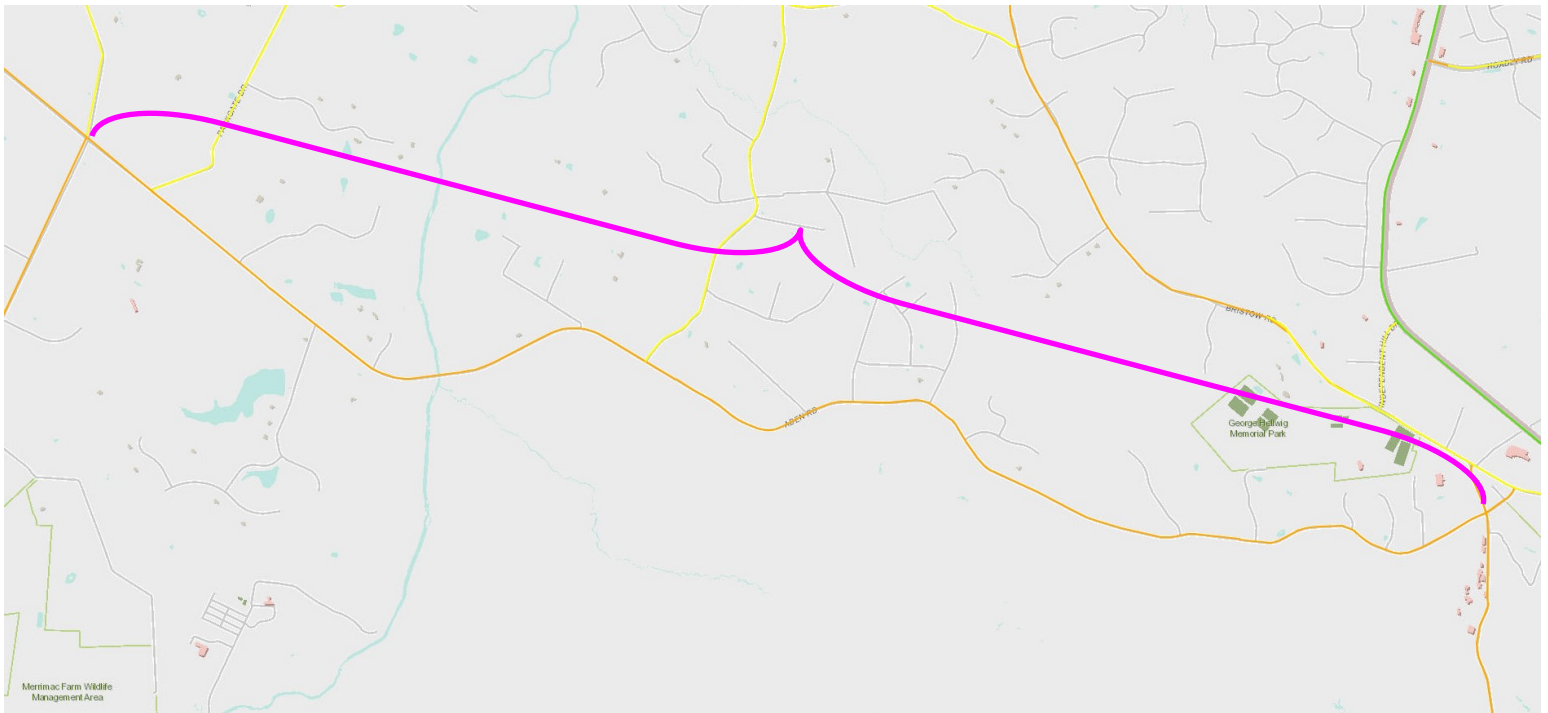
Proposed designation: Red

Full comments: These roads are often full of over the speed limit dump truck traffic everyday except Sunday. There are no shoulders. I recommend that these roads are for experienced cyclists only. While most motorists are courteous almost every time I ride, there is at least one motorist that shows no respect at all for the cyclist.

Based on traffic volume, speed, limited sight distances and no shoulder, it's risky.

Designation Key

- Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
- Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
- Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
- Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red

Reviewer comments: Aden Road has little to no shoulder for most of this segment of roadway and many sharp turns with poor sightlines.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 10

Road: Parkgate Dr (Route 653)

From: Aden Rd (Route 646)

To: Aden Rd (Route 646)

Average Daily Traffic (2017 VDOT Counts): 940





Posted speed: 45 mph

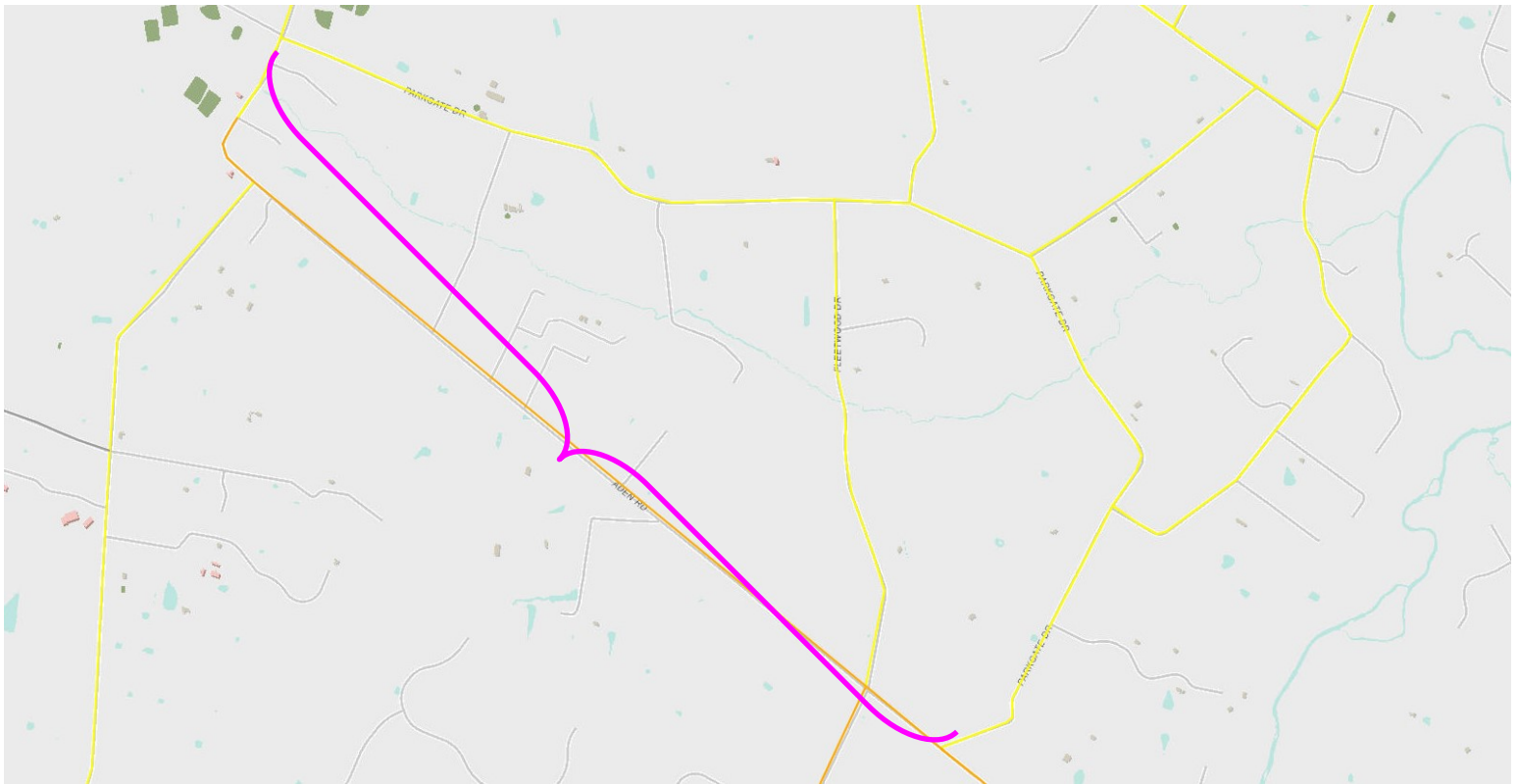
Current designation: Yellow

Proposed designation: Red

Full comments: These roads are often full of over the speed limit dump truck traffic everyday except Sunday. There are no shoulders. I recommend that these roads are for experienced cyclists only. While most motorists are courteous almost every time I ride, there is at least one motorist that shows no respect at all for the cyclist.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation:
Orange.

Reviewer comments: Although this road has very little shoulder and a 45mph posted speed limit, the ADT is quite low. Frequent riders would feel comfortable on this roadway.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 11

Road: Fleetwood Dr (Route 611)

From: Aden Rd (Route 646)

To: Fauquier county line

Average Daily Traffic (2017 VDOT Counts): 5,700

Posted speed: 45 mph





Current designation: Orange

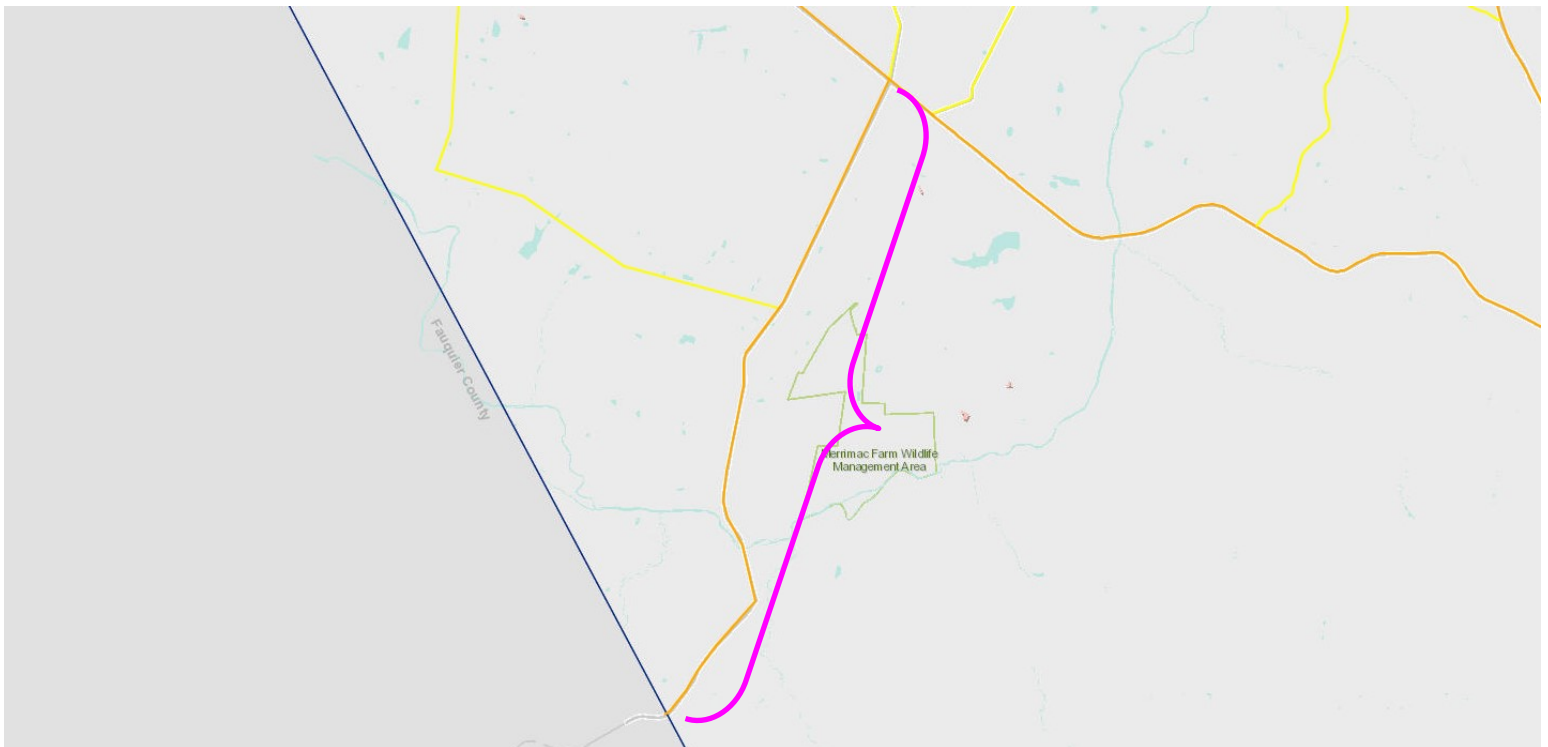
Proposed designation: Red

Full comments: These roads are often full of over the speed limit dump truck traffic everyday except Sunday. There are no shoulders. I recommend that these roads are for experienced cyclists only. While most motorists are courteous almost every time I ride, there is at least one motorist that shows no respect at all for the cyclist.

Maybe there should be a category for "avoid during rush hour". The part of Fleetwood south of Aden is OK during non-rush, but terrible during rush hour.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red.

Reviewer comments: The relatively high ADT, tight shoulders with guardrail, and curves make this roadway uncomfortable even for frequent riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 12

Road: Bristow Rd (Route 234)

From: Route 28

To: Dumfries Rd (Route 234)

Average Daily Traffic (2017 VDOT Counts): 5,200—8,000

Posted speed: 45 mph





Current designation: Yellow/Orange

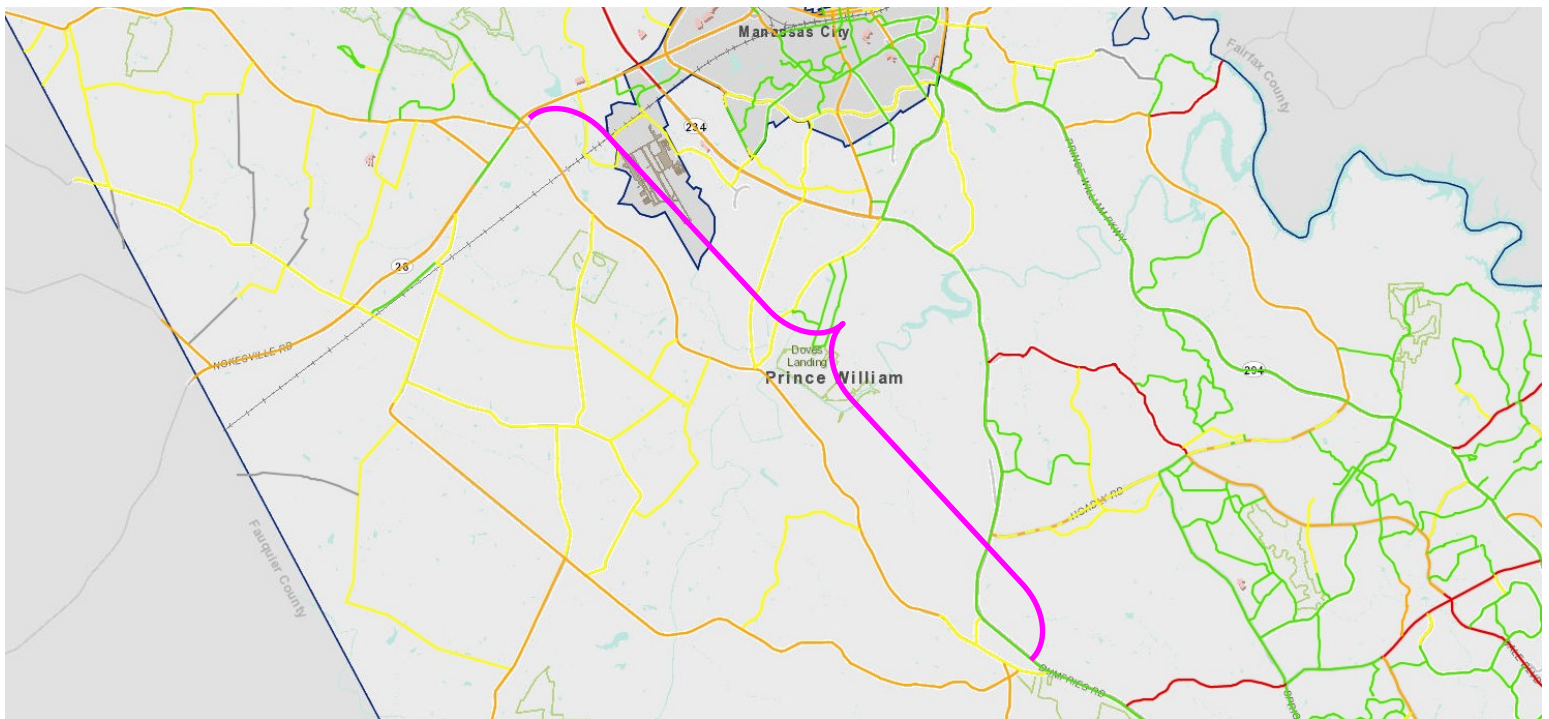
Proposed designation: Red

Full comments: These roads are often full of over the speed limit dump truck traffic everyday except Sunday. There are no shoulders. I recommend that these roads are for experienced cyclists only. While most motorists are courteous almost every time I ride, there is at least one motorist that shows no respect at all for the cyclist.

Based on traffic volume, speed, limited sight distances and no shoulder, it's risky.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red.

Reviewer comments: The limited shoulder, tight horizontal and vertical curves, relatively high ADT #'s make this road uncomfortable, even for frequent riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 13

Road: Signal View Dr (Route 2590)

From: Manassas Dr (Route 213)

To: Signal Hill Rd (Route 689)

Average Daily Traffic (2017 VDOT Counts): 13,000





Posted speed: 35 mph

Current designation: Orange

Proposed designation: Green

Full comments: Off-street Trail has been built.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Green

Reviewer comments: This section of roadway has a shared use path along its entirety.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 14

Road: Signal Hill Rd (Route 689)

From: Blooms Rd (Route 2597)

To: Richmond Ave (Route 1298)

Average Daily Traffic (2017 VDOT Counts): 6,400—7,100





Posted speed: 25—30 mph

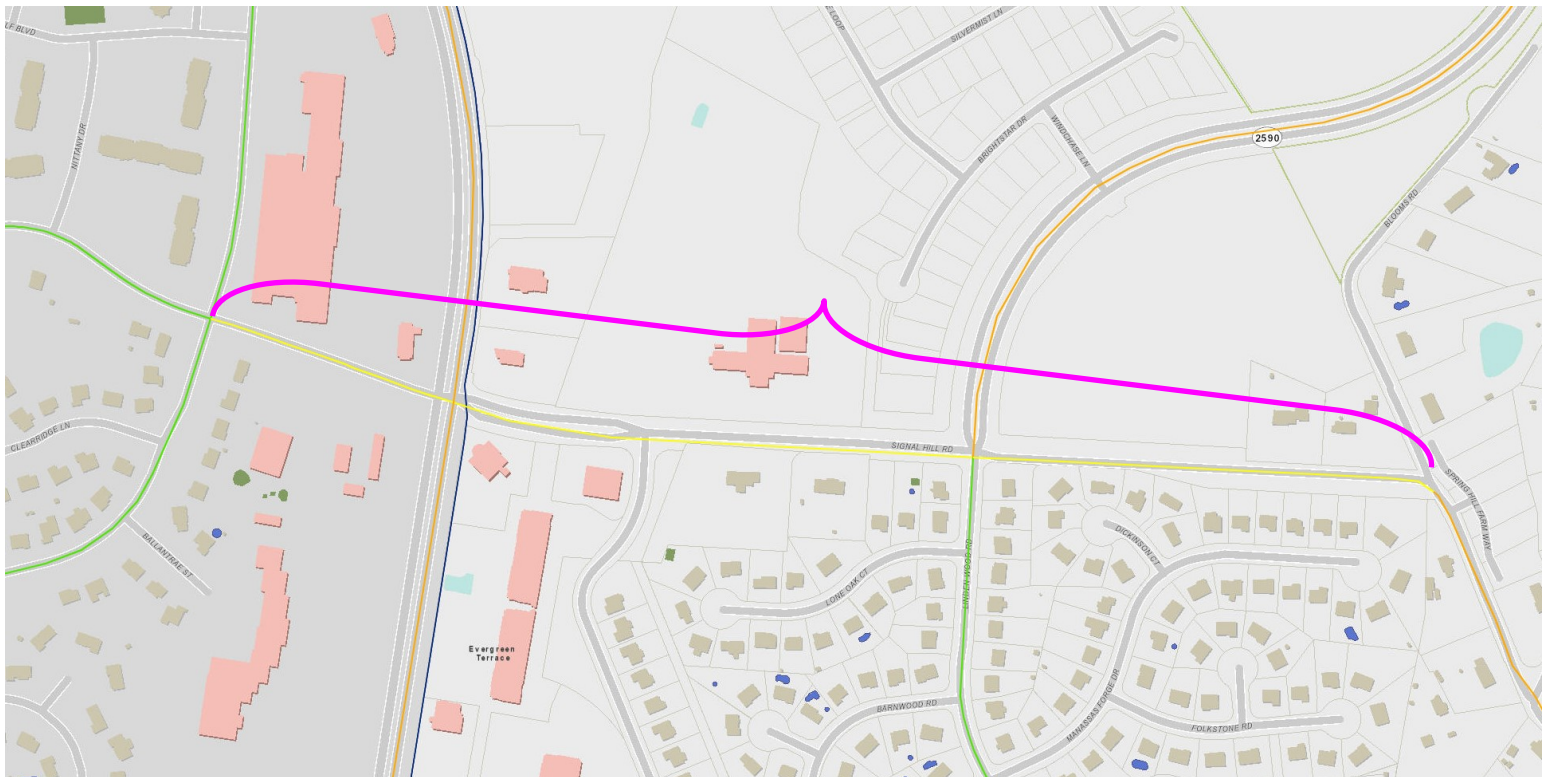
Current designation: Yellow

Proposed designation: Orange

Full comments: Increasing traffic volumes due to new developments.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Orange

Reviewer comments: The roadway is significantly more narrow with sharrows west of Liberia, but the traffic volume still creates an atmosphere not quite suitable for occasional riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 15

Road: Old Centreville Rd (Route 616)

From: Rugby Rd (Route 760)

To: Centreville Rd (Route 28)

Average Daily Traffic (2017 VDOT Counts): 9,400





Posted speed: 25 mph

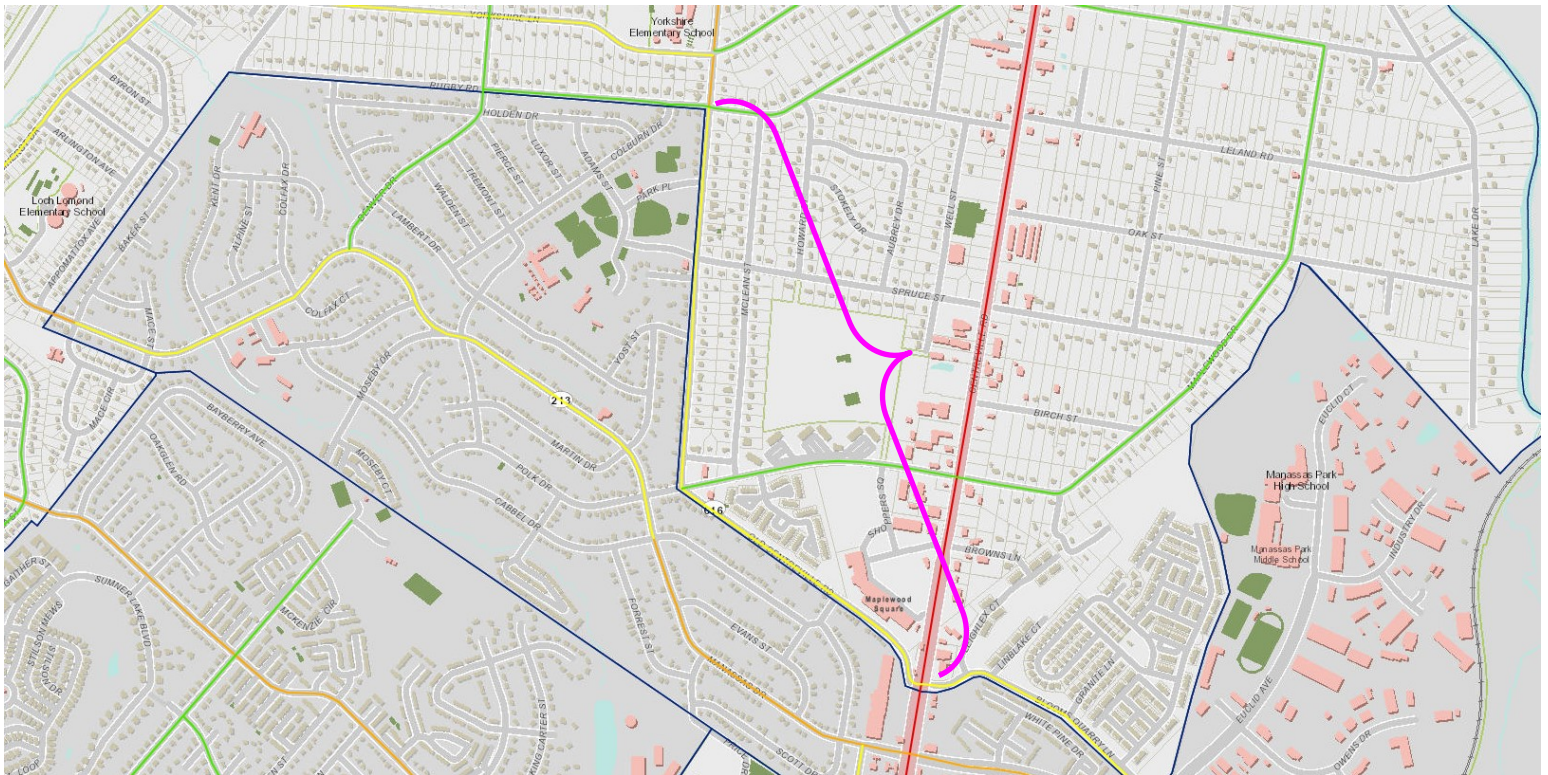
Current designation: Yellow

Proposed designation: Orange

Full comments: High traffic volumes.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Orange

Reviewer comments: With lower traffic volumes, this road could be comfortable for occasional riders, but ADT is nearly 10,000.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 16

Road: Route 234 bypass

From: Prince William Pkwy (Route 294)

To: I-66

Average Daily Traffic (2017 VDOT Counts): 38,000—41,000





Posted speed: 55 mph

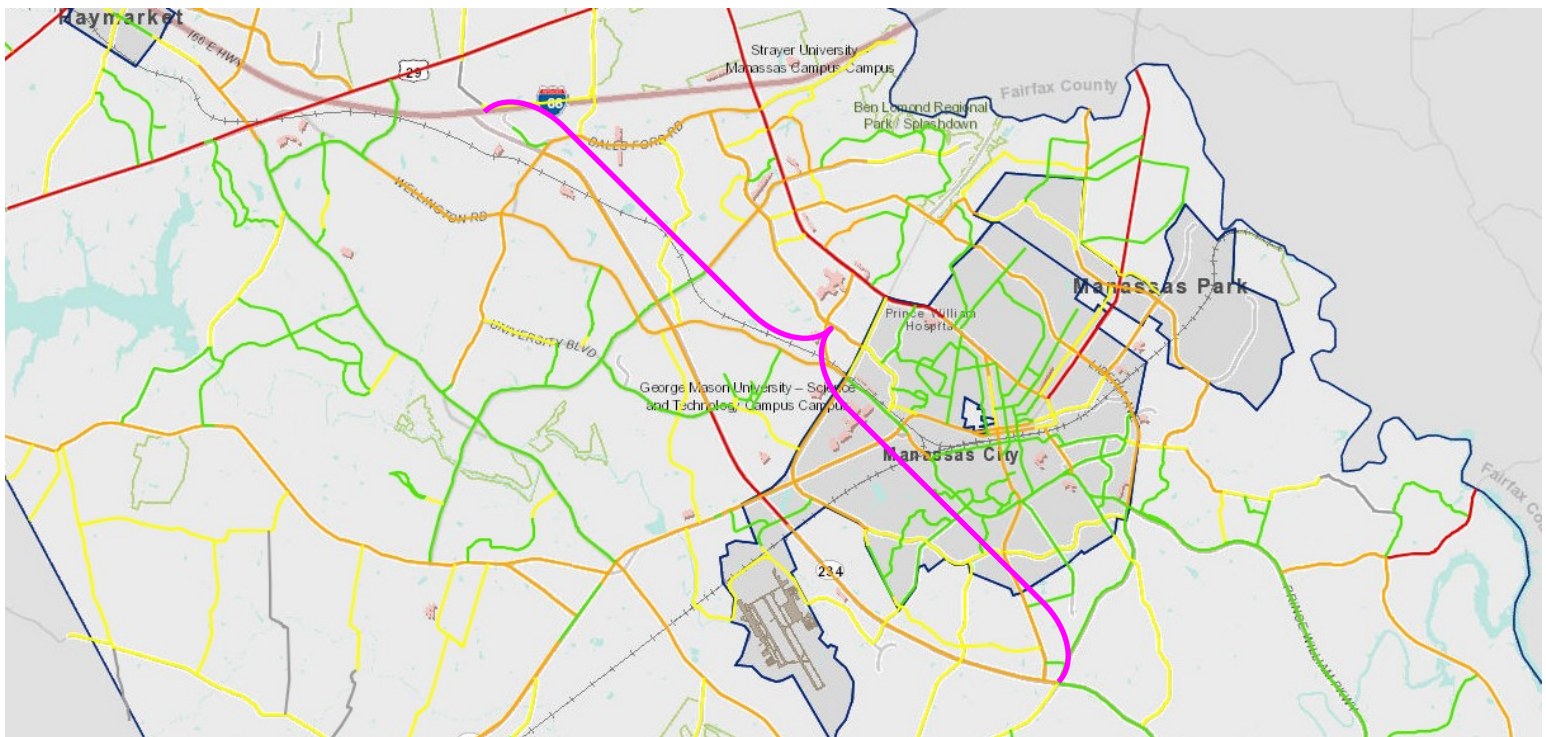
Current designation: Mix of orange and red

Proposed designation: Red or black

Full comments: Limited access road between Brentsville and I-66 (No Biking should be allowed).

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red

Reviewer comments: High traffic volume and speed with a large number of trucks makes this stretch of roadway very challenging, even with ample shoulder space.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 17

Road: Route 1

From: Port Potomac Ave (Unknown Route #)

To: Quantico Base Entrance

Average Daily Traffic (2017 VDOT Counts): 14,000—43,000





Posted speed: 35—40 mph

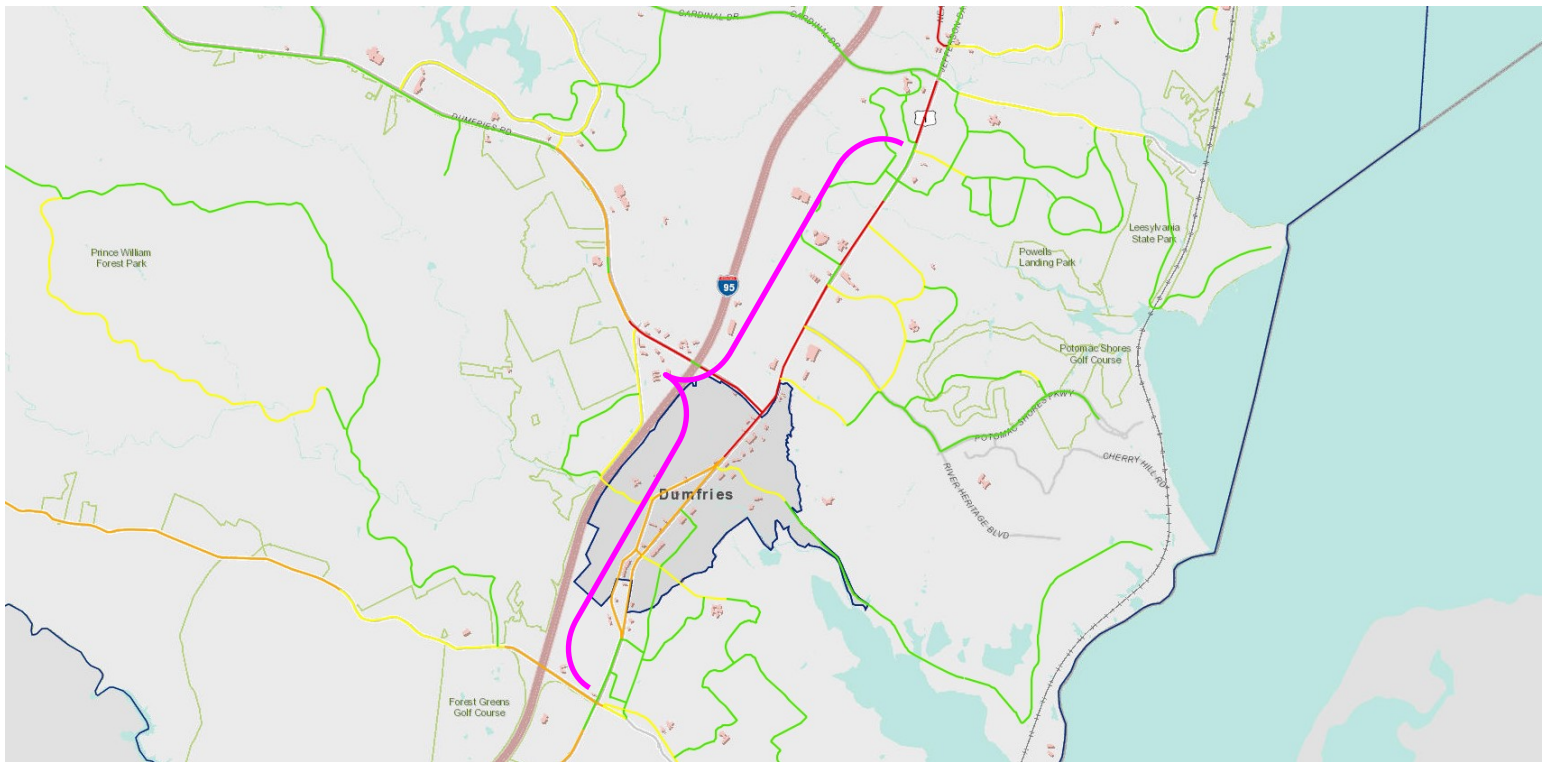
Current designation: Mix of green, orange, red

Proposed designation: Red

Full comments: I often ride that route on the weekend and it is dangerous at time because of the amount of traffic the road host everyday.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red

Reviewer comments: The traffic volume is too high for all riders except the most confident and experienced.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 18

Road: Gideon Dr (Route 2068)

From: Dale Blvd (Route 784)

To: Opitz Blvd (Route 2000)

Average Daily Traffic (2017 VDOT Counts): 27,000





Posted speed: 45 mph

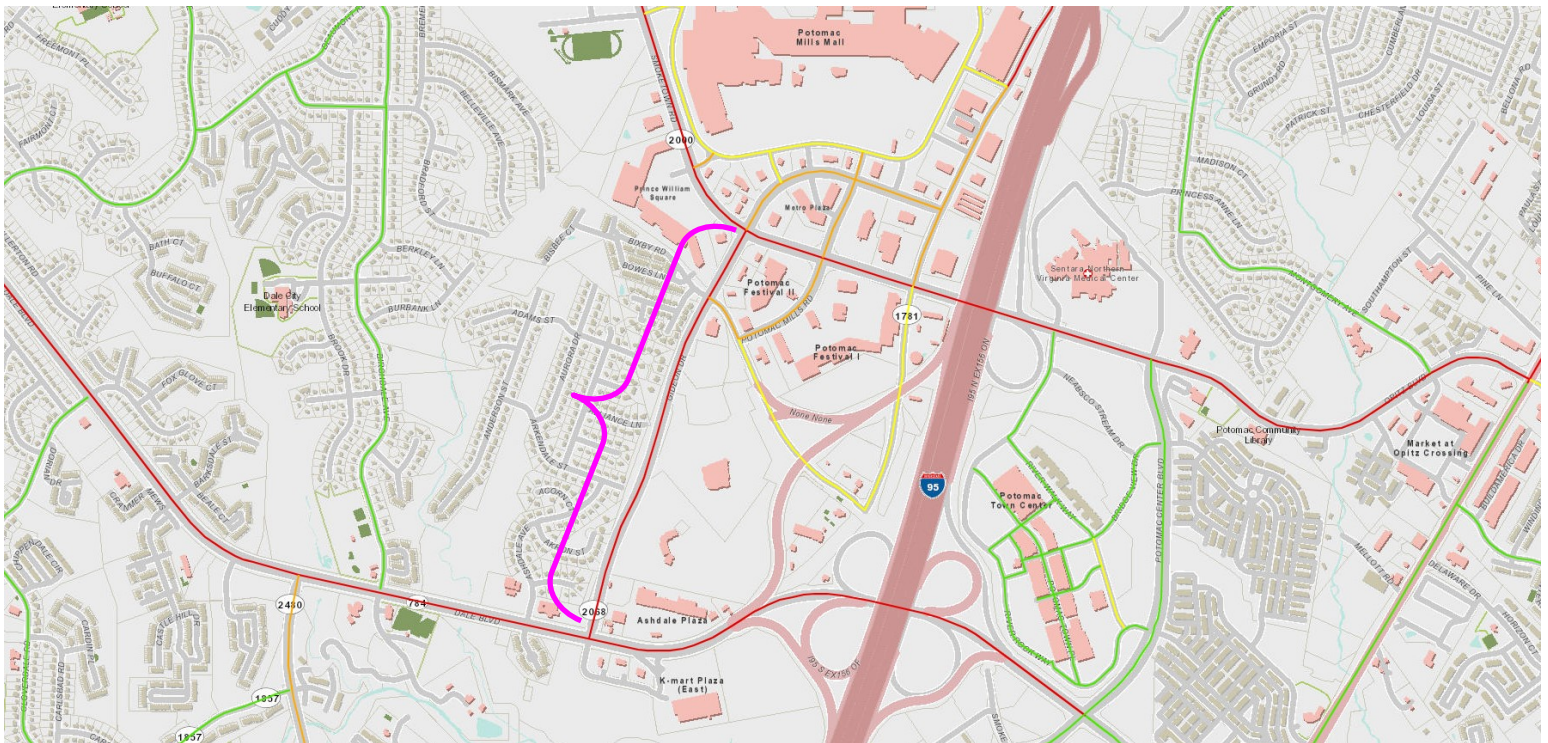
Current designation: Red

Proposed designation: Red

Full comments: It is very unsafe to ride in these areas. We need designated bike lanes.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red

Reviewer comments: This is a high-speed, highly traveled roadway between Opitz and Dale Blvd. Even frequent riders would feel unsafe on this section of road.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 19

Road: Smoketown Rd (Route 2000)

From: Gideon Dr (Route 2068)

To: Minnieville Rd (Route 640)

Average Daily Traffic (2017 VDOT Counts): 14,000—34,000





Posted speed: 45 mph

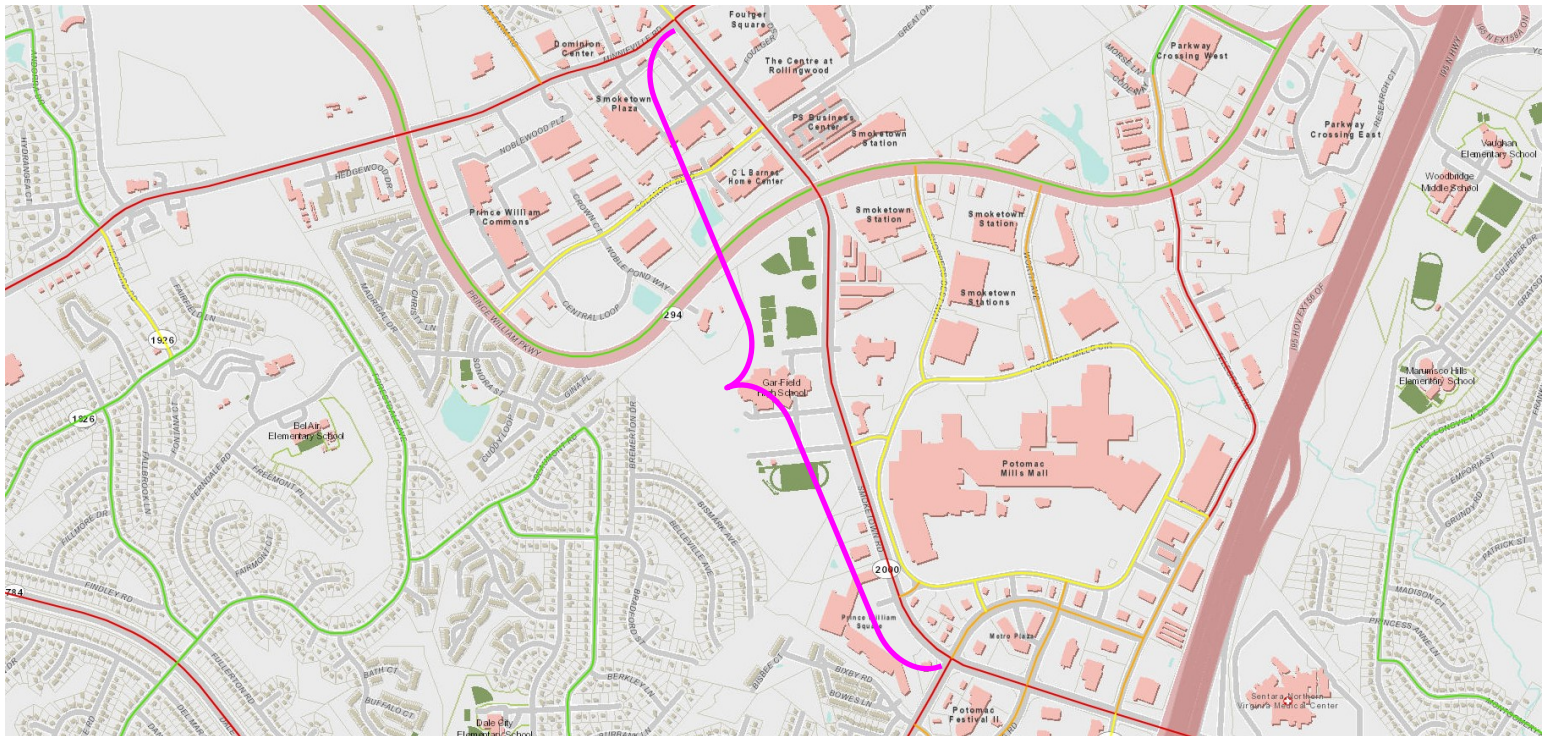
Current designation: Red

Proposed designation: None proposed

Full comments: It is very unsafe to ride in these areas. We need designated bike lanes.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red

Reviewer comments: This is a high-speed, high traffic roadway, especially during rush hour. Even frequent riders would rather use the sidewalk than be in the roadway.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 20

Road: Telegraph Rd (Route 1781)

From: Caton Hill Rd (Route 849)

To: Minnieville Rd (Route 640)

Average Daily Traffic (2017 VDOT Counts): 10,000





Posted speed: 35 mph

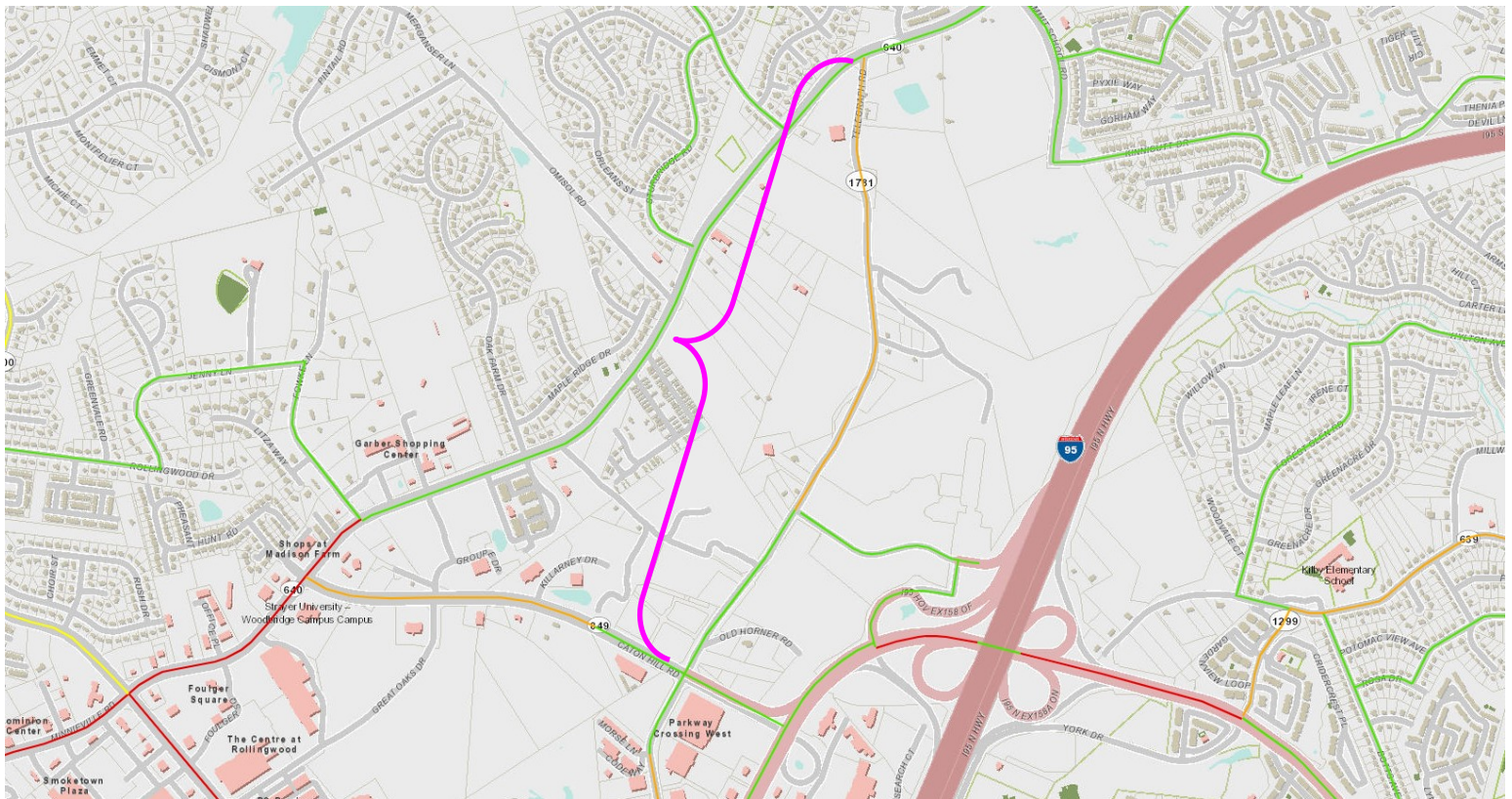
Current designation: Orange and green

Proposed designation: None proposed

Full comments: The road has a strip with no emergency lanes and guardrails separating rough turf from the road. There is no space between guardrail and road so riders must ride in car lanes.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation:

Green until the Horner Road lot due to existing shared use path. Red for on-road section.

Reviewer comments: Curves, elevation changes, and tight sections of guard rail mean that only the most experienced riders would feel confident on-road.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 21

Road: Old Carolina Rd (Route 625)

From: Somerset Crossing Dr (Route 3310)

To: Fayette St (Route 1301)

Average Daily Traffic (2017 VDOT Counts): 6,000





Posted speed: 40 mph

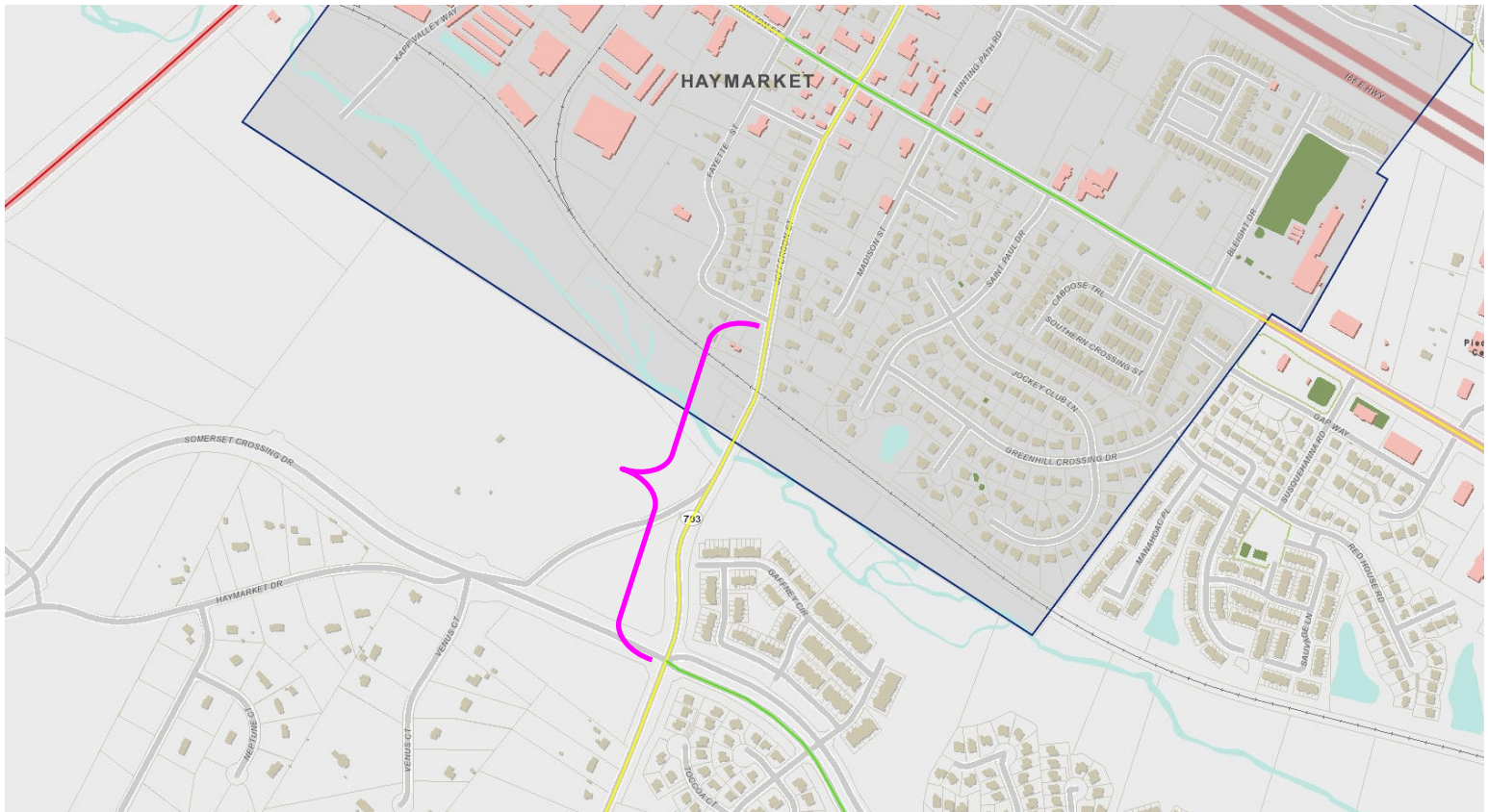
Current designation: Yellow

Proposed designation: None proposed

Full comments: The road is so narrow over the creek that I feel I have to get off and walk my bike next to the guard rails. It is very unsafe for kids and casual riders.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Orange

Reviewer comments: Frequent riders should be comfortable with the sight lines in this area. Some faster drivers, coupled with limited shoulder space, can make this area uncomfortable for occasional riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 22

Road: Waterway Dr (Route 1451)

From: Cardinal Dr (Route 610)

To: Dumfries Rd (Route 234)

Average Daily Traffic (2017 VDOT Counts): 5,400—13,000





Posted speed: 35 mph

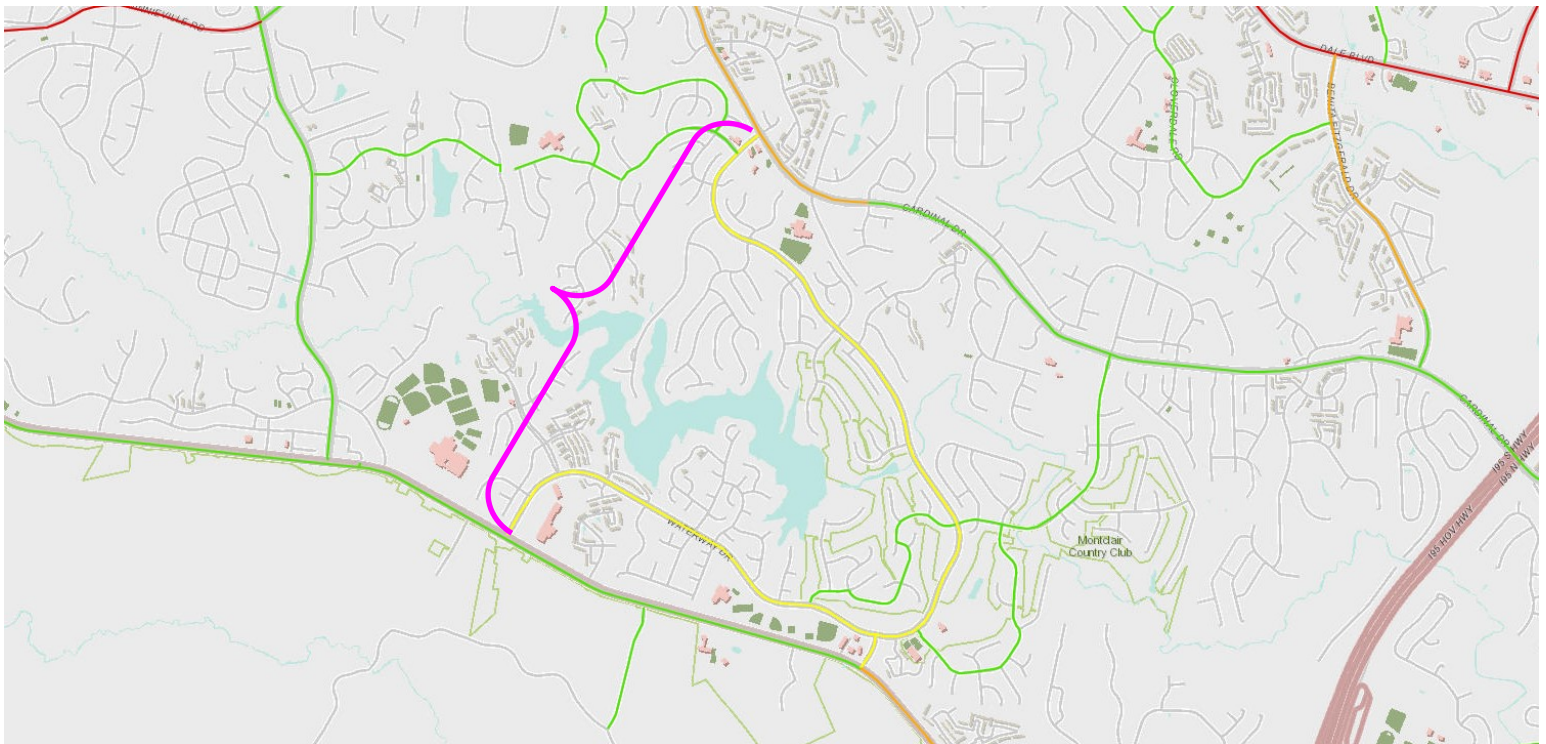
Current designation: Yellow

Proposed designation: Orange

Full comments: No shoulders, steep climb in several places.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Orange

Reviewer comments: The amount of traffic on this road segment, in addition to the grade changes and curves lead to an environment suited for frequent riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 23

Road: Northgate Dr (Route 1461)

From: Waterway Dr (Route 1451)

To: Edgewood Dr (Route 1474)

Average Daily Traffic (2017 VDOT Counts): 2,400





Posted speed: 25 mph

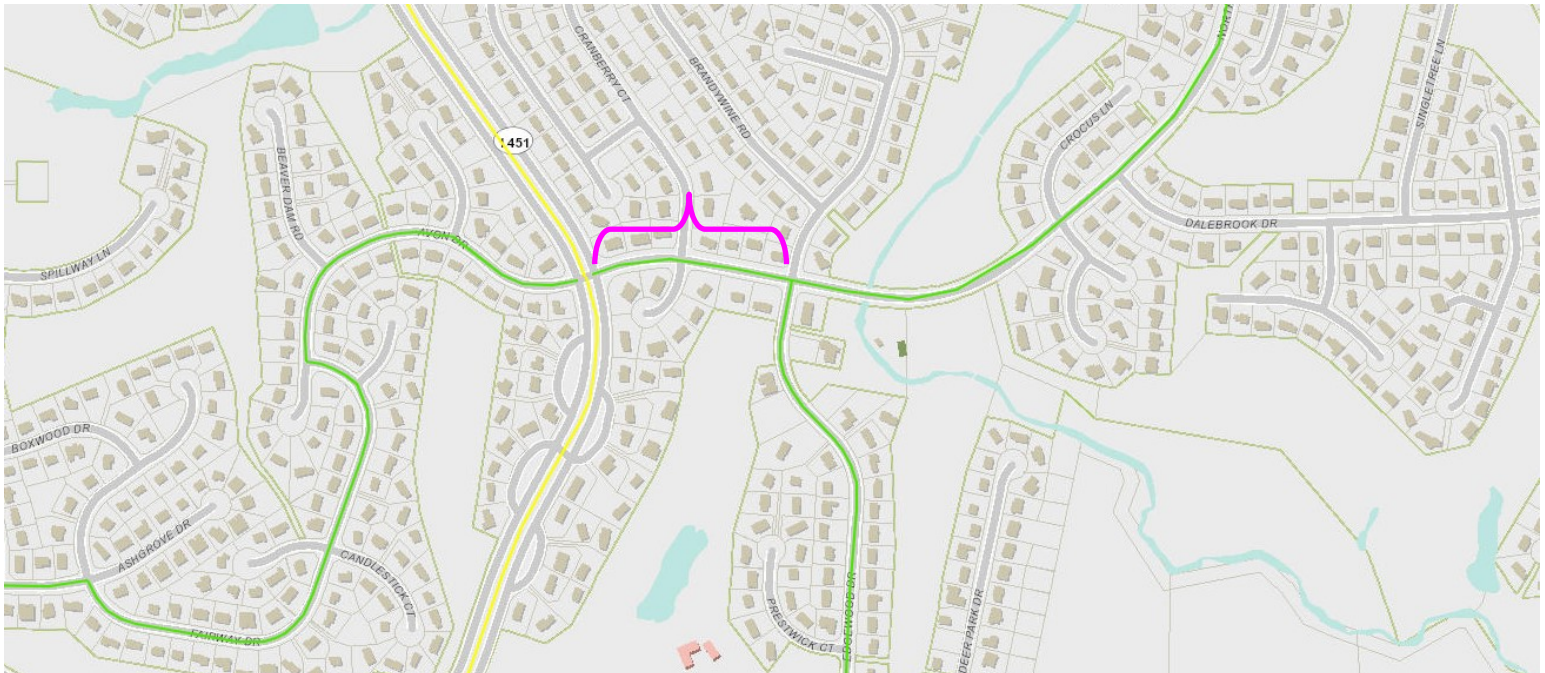
Current designation: Green

Proposed designation: None proposed

Full comments: Short, steep climbs.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Yellow

Reviewer comments: Although signed at 25mph, the roadway is very wide which leads to cars traveling faster. Occasional riders should be relatively comfortable on this roadway, given the low traffic volume.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 24

Road: Edgewood Dr (Route 1474)

From: Northgate Dr (Route 1461)

To: Prestwick Ct (Route 1479)

Average Daily Traffic (2017 VDOT Counts): 1,500





Posted speed: 25 mph

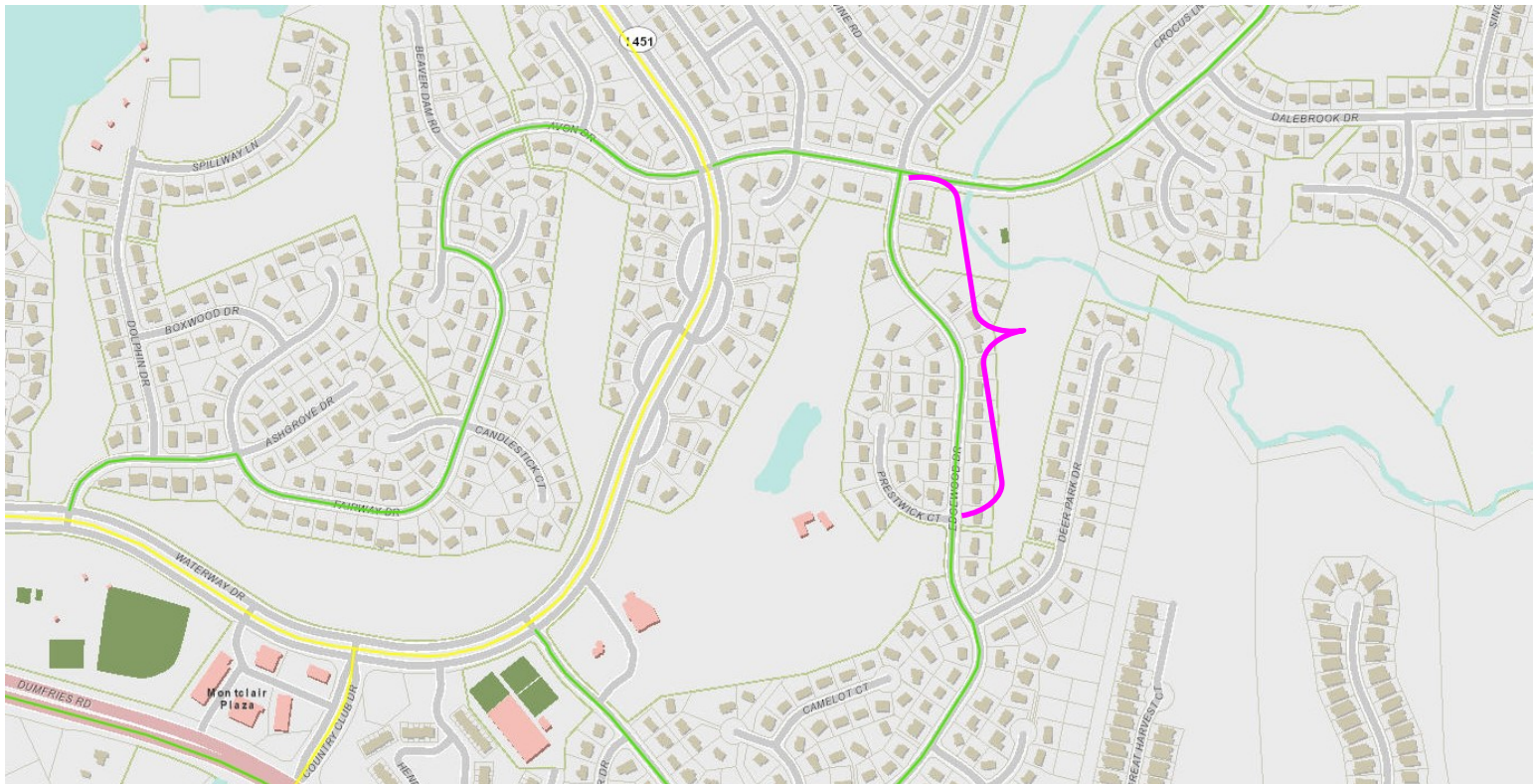
Current designation: Green

Proposed designation: None proposed

Full comments: Short, steep climbs.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Yellow

Reviewer comments: I agree with the respondent that the grade changes make this suitable for, at minimum, occasional riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 25

Road: Avon Dr (Route 1461)

From: Waterway Dr (Route 1451)

To: Fairway Dr (Route 1464)

Average Daily Traffic (2017 VDOT Counts): 290





Posted speed: 25 mph

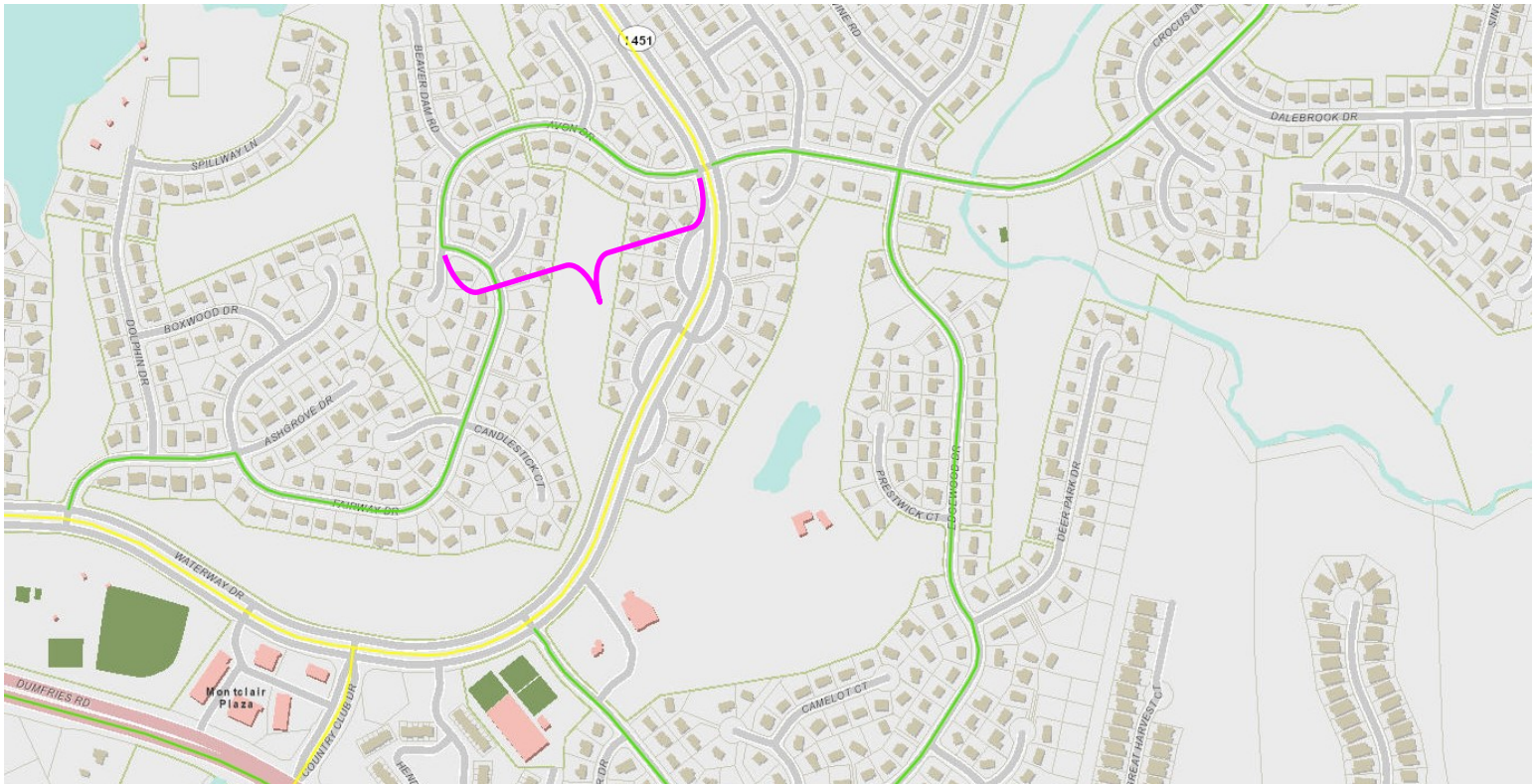
Current designation: Green

Proposed designation: None proposed

Full comments: Short, steep climbs.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Yellow

Reviewer comments: I agree with the respondent that the grade changes make this suitable for, at minimum, occasional riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 26

Road: Davis Ford Rd (Route 663)

From: Prince William Pkwy (Route 294)

To: Yates Ford Rd (Route 612)

Average Daily Traffic (2017 VDOT Counts): 8,300—11,000





Posted speed: 45 mph

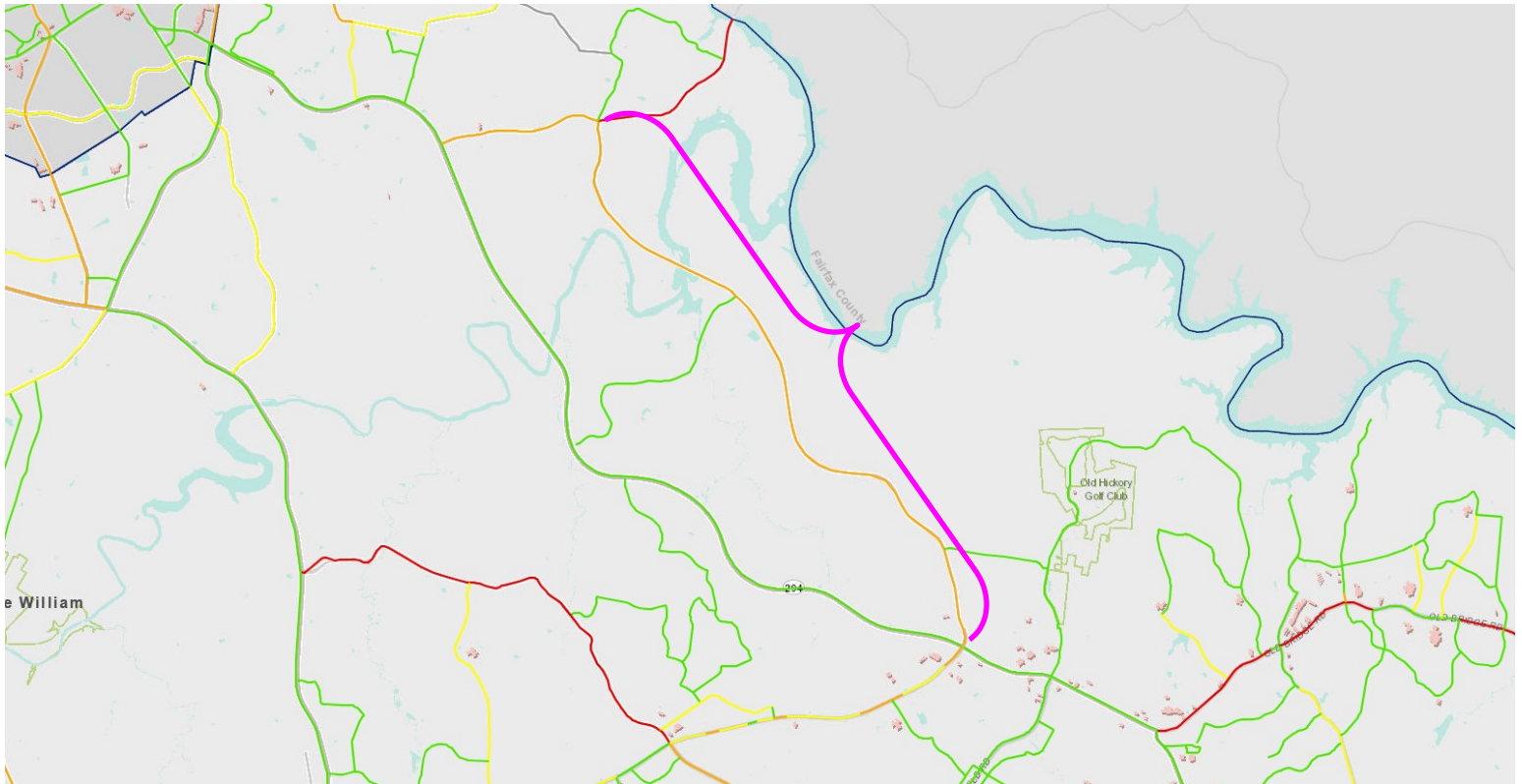
Current designation: Orange

Proposed designation: Red

Full comments: This road is a rollercoaster and the shoulder is in and out.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Red.

Reviewer comments: Limited shoulders and high ADT lead to a roadway that is only acceptable for the most confident riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 27

Road: Prince William Pkwy (Route 294)

From: Hoadly Rd (Route 642)

To: Liberia Ave (Route 4361)

Average Daily Traffic (2017 VDOT Counts): 30,000—40,000





Posted speed: 55 mph

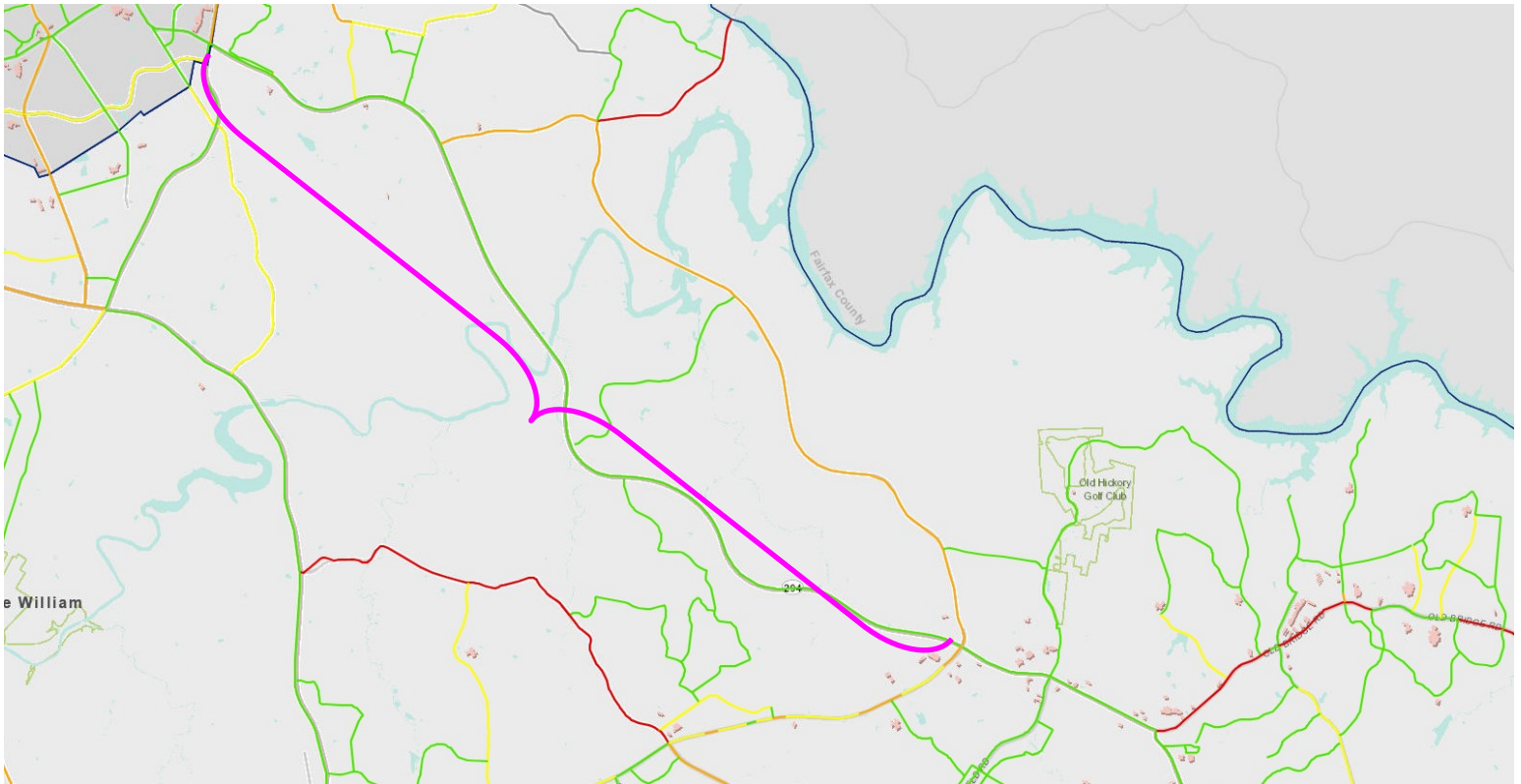
Current designation: Green

Proposed designation: Yellow

Full comments: A big, multi-level climb and a challenge even with the separated path.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Yellow

Reviewer comments: This section of PWP is very hilly. The respondent is correct that, even though there is a separated path, this section of trail would be difficult for children or new riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 28

Road: Minnieville Rd (Route 640)

From: Old Bridge Rd (Route 641)

To: Fowke Ln (Route 2140)

Average Daily Traffic (2017 VDOT Counts): 23,000





Posted speed: 45 mph

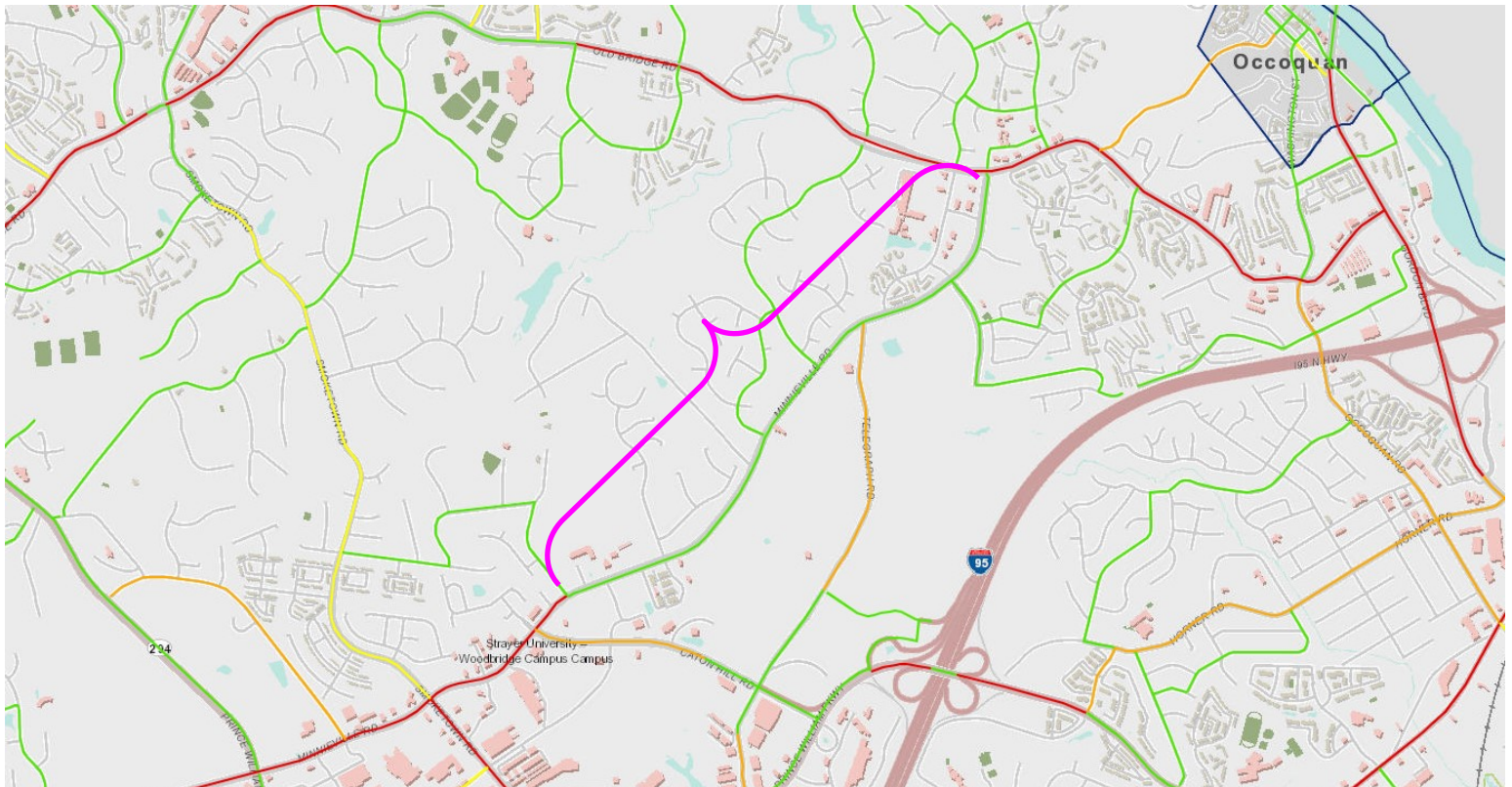
Current designation: Green

Proposed designation: None proposed

Full comments: The section that is highlighted green between Old Bridge and Fowke has a sidewalk; however, that sidewalk has lots of places that are pretty dangerous for bicyclists -- glass, missing pavers, road crossings, etc.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation:

Green.

Reviewer comments: Minnieville has a shared use path on this portion of the road. On-road conditions would be red due to high speeds, high traffic volume, and multiple turn lanes.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 29

Road: Token Valley Rd (Route 806)

From: Hoadly Rd (Route 642)

To: Spriggs Rd (Route 643)

Average Daily Traffic (2017 VDOT Counts): 1,400





Posted speed: 40 mph

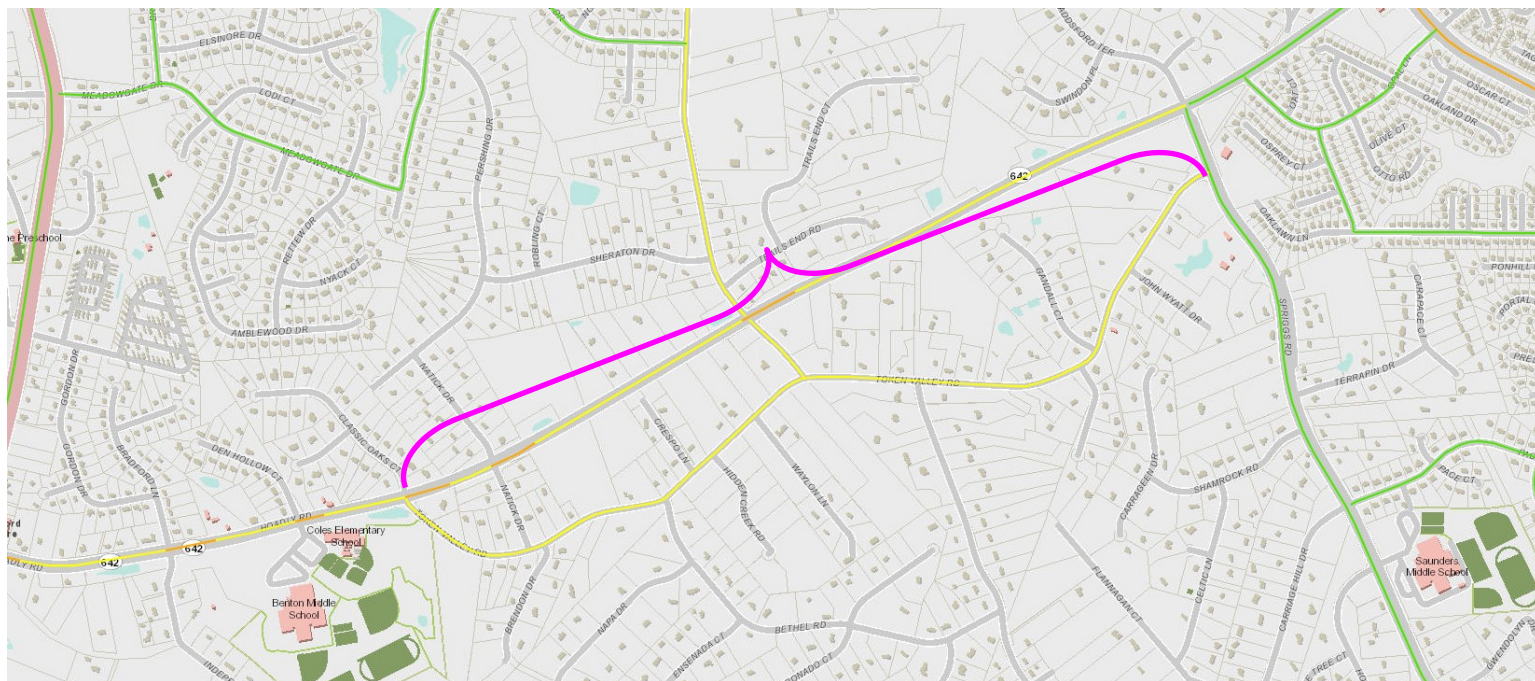
Current designation: Yellow

Proposed designation: None proposed

Full comments: This section is a narrow road with one lane each way for cars. There is no shoulder for cyclists or pedestrians which can make it very dangerous. There are also long sweeping curves making difficult to see oncoming traffic.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Orange.

Reviewer comments: The lack of shoulders and frequent curves make this road not suitable for occasional riders. However, the low ADT means that this road should be comfortable for frequent riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 30

Road: Vint Hill Rd (Route 215)

From: Route 28

To: Fitzgerald Way (Unknown Route #)

Average Daily Traffic (2017 VDOT Counts): 9,400





Posted speed: 50 mph

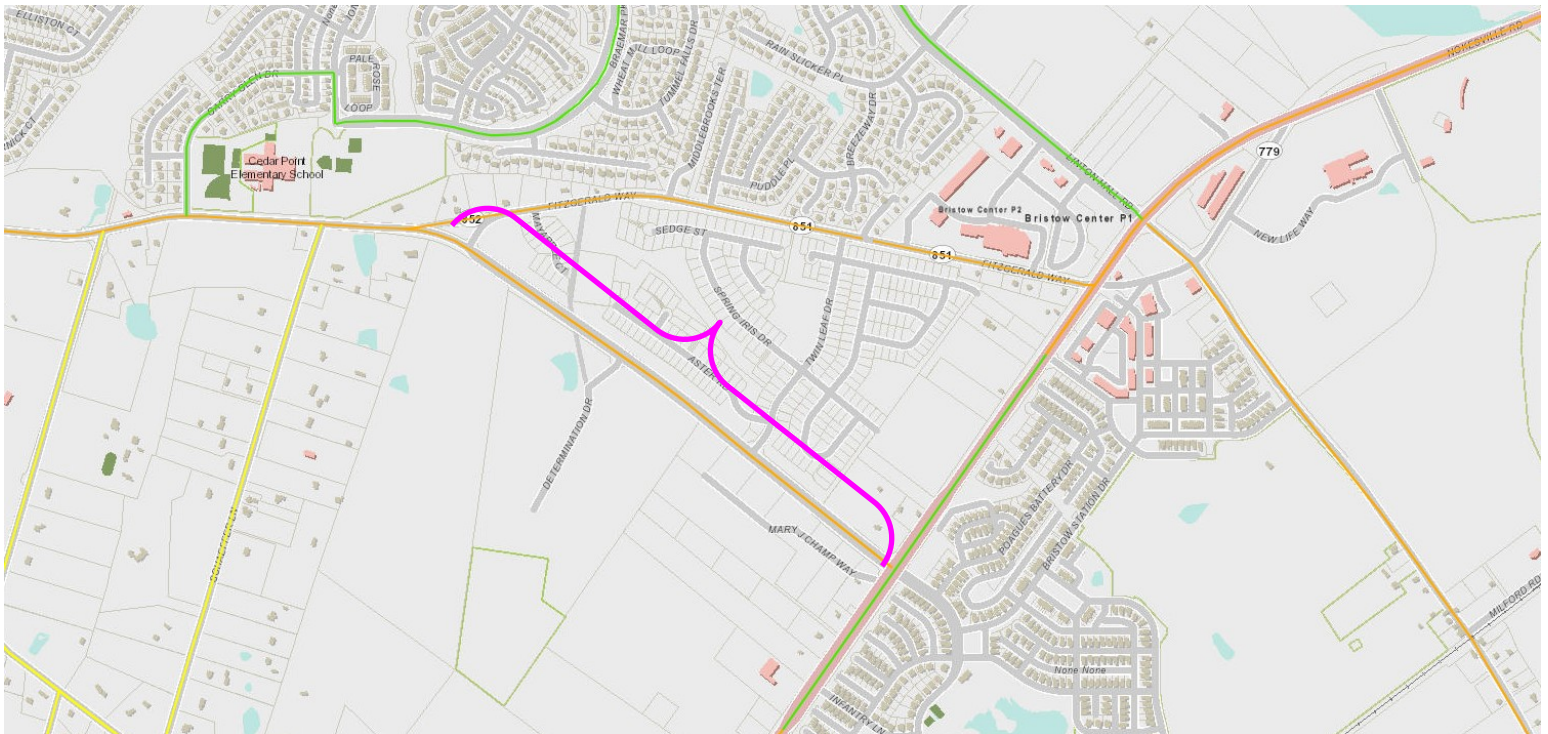
Current designation: Orange

Proposed designation: Green

Full comments: This section has a bike path on the north side, so that should be green.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Green

Reviewer comments: This section of roadway has shared use path on both the north and south sides.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 31

Road: Valley View Dr (Route 611)

From: Bristow Rd (Route 234)

To: Parkgate Dr (Route 653)

Average Daily Traffic (2017 VDOT Counts): 2,800





Posted speed: 45 mph

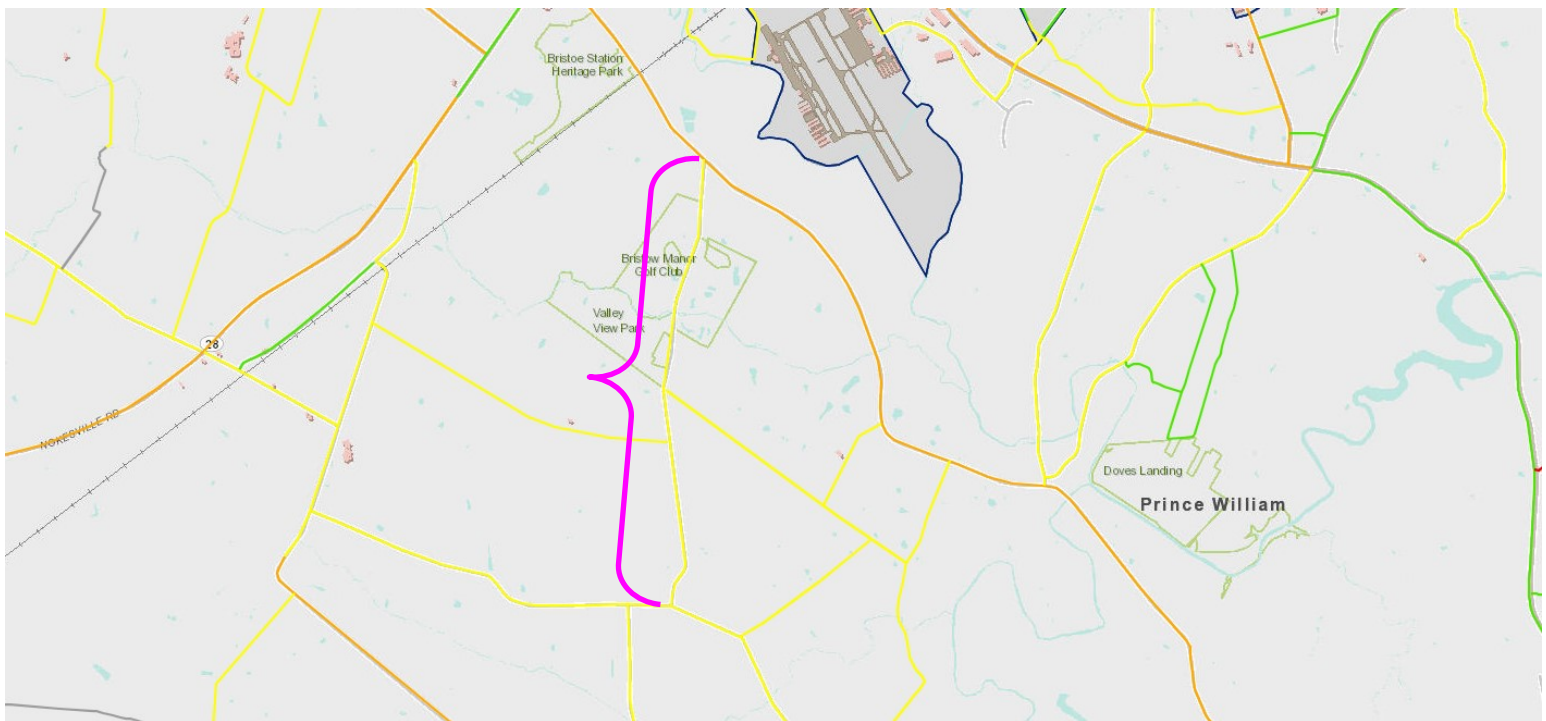
Current designation: Yellow

Proposed designation: Orange

Full comments: This section should all be orange based on traffic volume, limited shoulder, and speed. "Stafford Highway" is dicey.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation:

Orange.

Reviewer comments: The ADT is high enough, combined with lack of shoulders, to rate this roadway as suitable for frequent or experienced riders.



Prince William County Bicycle Skill Level Map



Field Check

Item #: 32

Road: Lake Jackson Dr (Route 688)

From: Oakview Dr (Unknown Route #)

To: Dumfries Rd (Route 234)

Average Daily Traffic (2017 VDOT Counts): 1,800—3,500





Posted speed: 35 mph

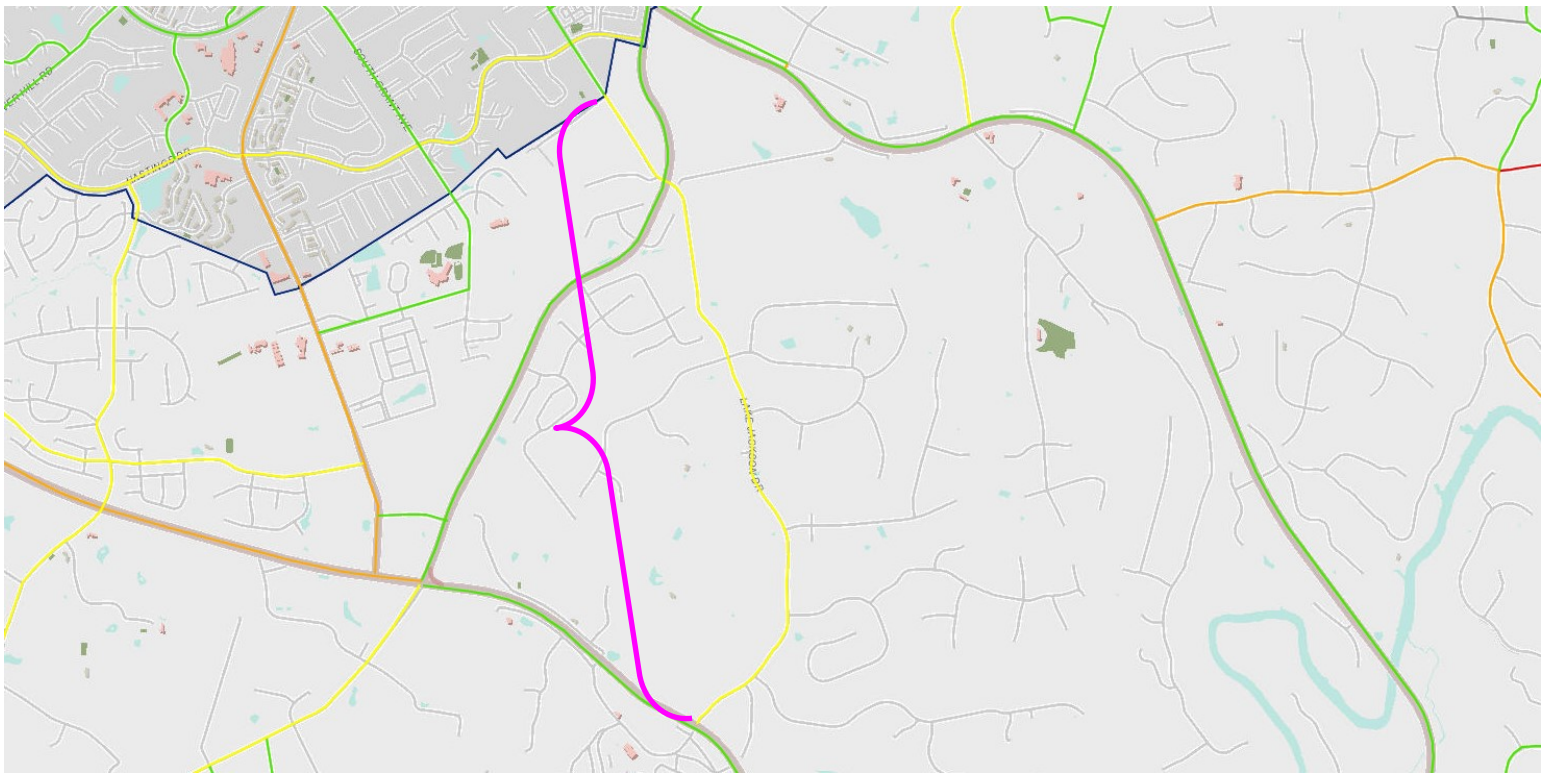
Current designation: Yellow

Proposed designation: Orange

Full comments: Due to the limited sight distances for drivers, and the lack of a shoulder. I avoid that one.

Designation Key

-  **Beginner:** Children, new or inexperienced riders. Prefer fully separated protected bike paths.
-  **Occasional rider:** Comfortable biking on low speed, low traffic streets. Prefer separated bike paths but willing and interested in using designated bike lanes.
-  **Frequent rider:** Above-average skill, commuters. Prefer the most direct route, willing to use either bike lanes or shared lanes when required/necessary.
-  **Confident & experienced rider:** Comfortable navigating heavy traffic and difficult intersections. Willing to ride on roads and in dense urban settings.



Recommended designation: Orange

Reviewer comments: There are a number of curves on this roadway, though ADT remains relatively low. Occasional riders would not feel safe with the limited shoulder space.

