



# West Falls Church Active Transportation Study

Community Meeting: Second Round  
Tuesday, May 17 and Thursday, May 19 from 7:00 – 8:30 P.M.  
Tim Kutz, FCDOT



- Background and purpose for study
- Study area
- Advisory Group and Technical Group
- Study objectives
- Existing conditions assessment
- Potential improvements
- Study timeline and next steps
- Questions and answers

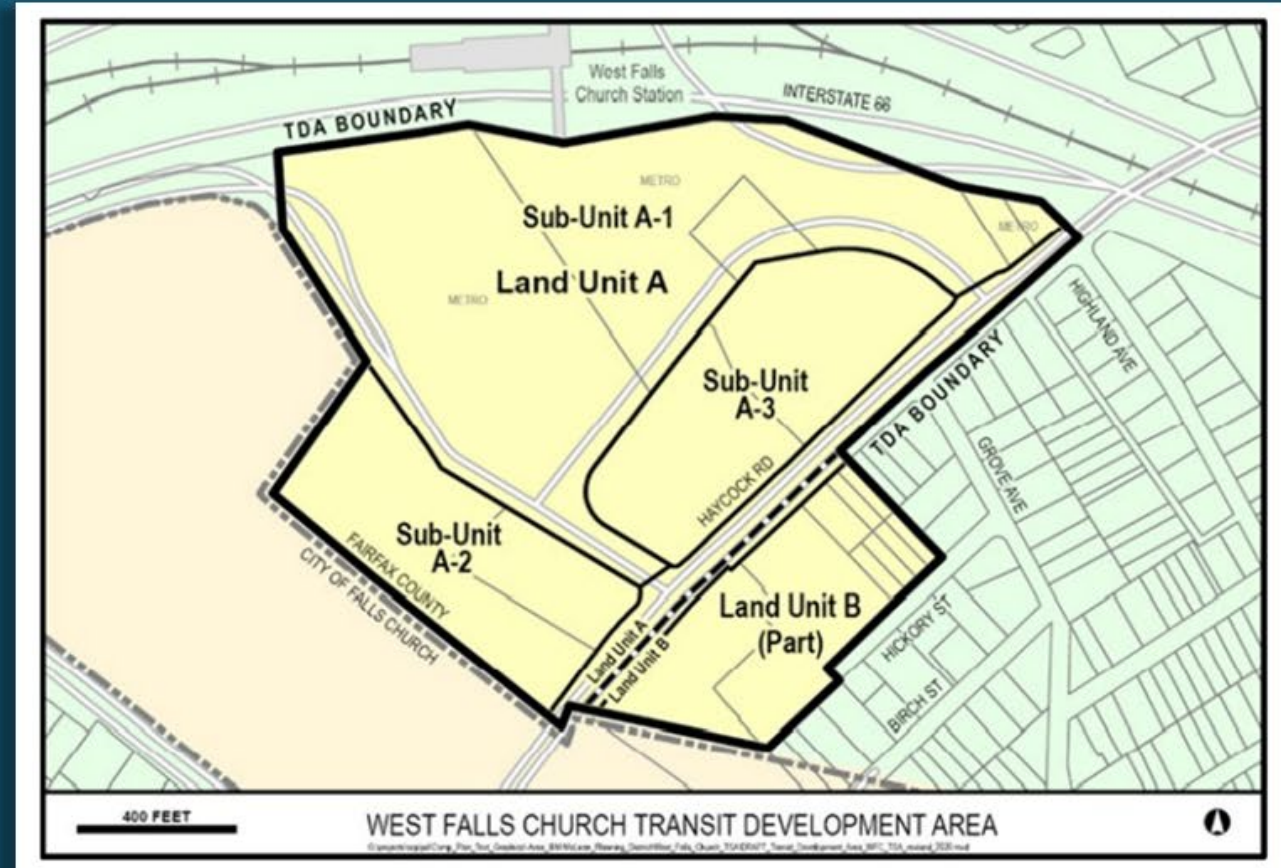






## West Falls Church Plan Amendment

- Adopted July 2021
- Land Unit A, Sub-Units A-1, A-2
  - A-1 West Falls Church Transit Station
  - A-2 Virginia Tech University
  - Mixed Uses
- Land Unit B, Sub-Unit A-3
  - No Change – Existing Residential
- Follow-on Motion for Active Transportation Study



Source: <https://www.fairfaxcounty.gov/planning-development/sites/planning-development/files/assets/compplan/area2/mclean.pdf>





County of Fairfax, Virginia

# Background: Development Concepts

## WMATA Development

Next step – rezoning application

## Virginia Tech

\$10 million Smart Cities grant

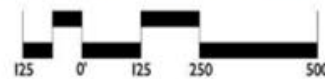
## West Falls Development Project

Special Exception Site Plan (SESP) for Phase 1 approved



WMATA WEST FALLS CHURCH • ILLUSTRATIVE PLAN

PN 2021157 | 01.24.2022 | FCGP-METRO LLC



Edited by FCDOT  
LandDesign



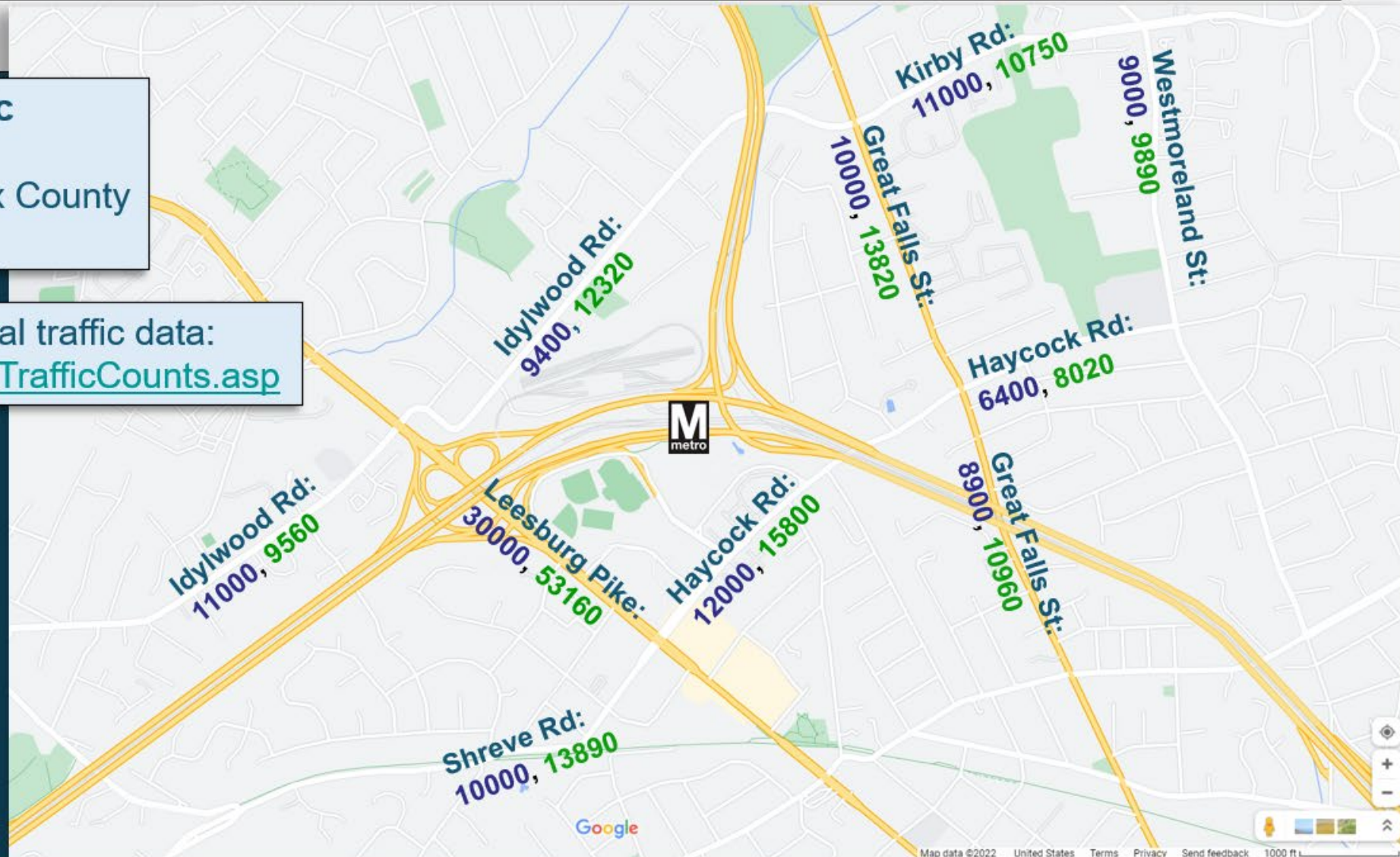
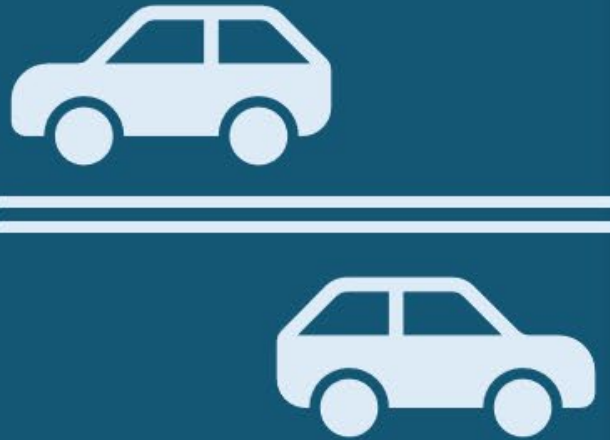


## Average Daily Traffic

**2019:** VDOT\*

**2045:** projected using Fairfax County Travel Demand Model

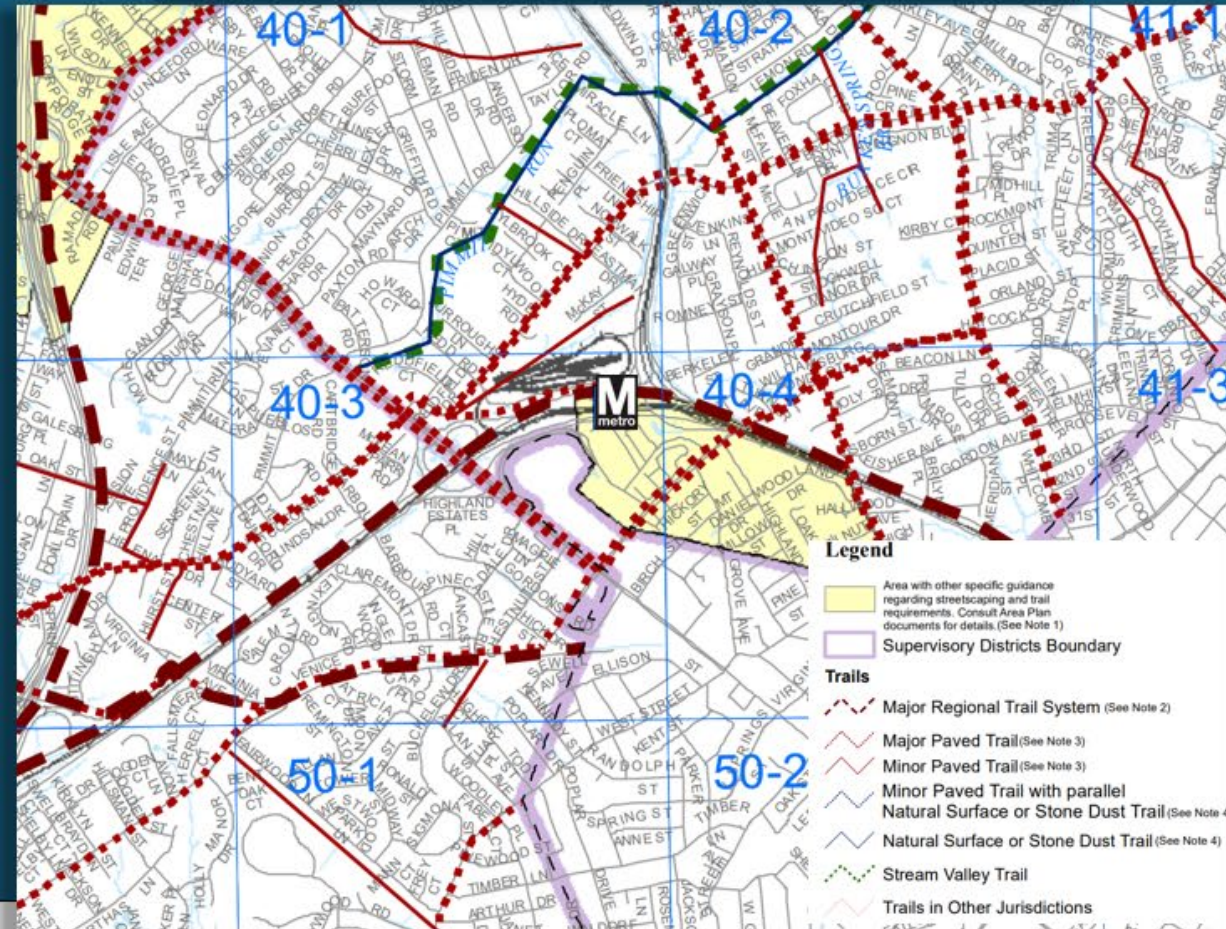
\*VDOT publications on annual traffic data:  
<https://virginiadot.org/info/ct-TrafficCounts.asp>



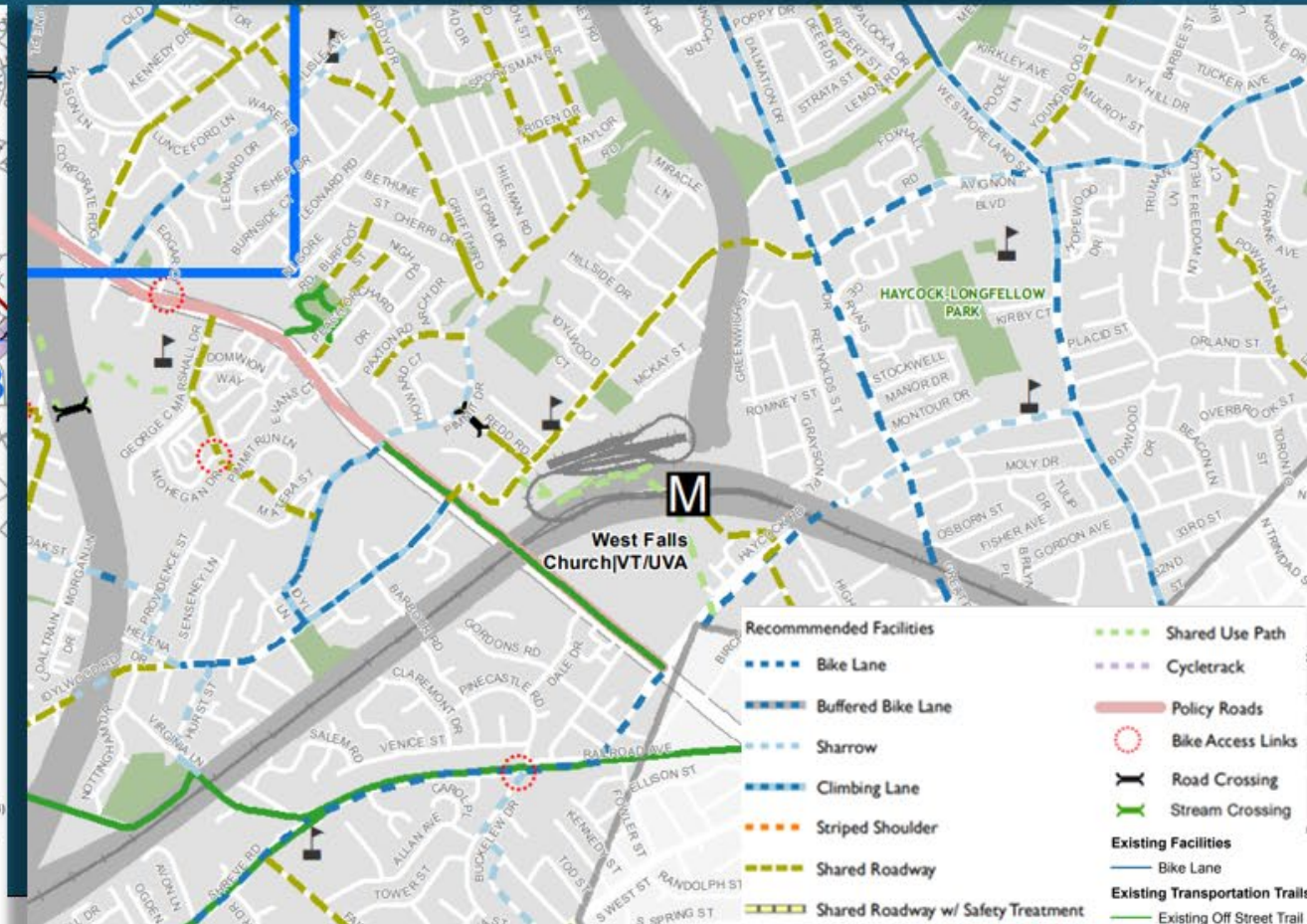




## Countywide Trails Plan Amended June 2018



## Bicycle Master Plan Adopted October 2014





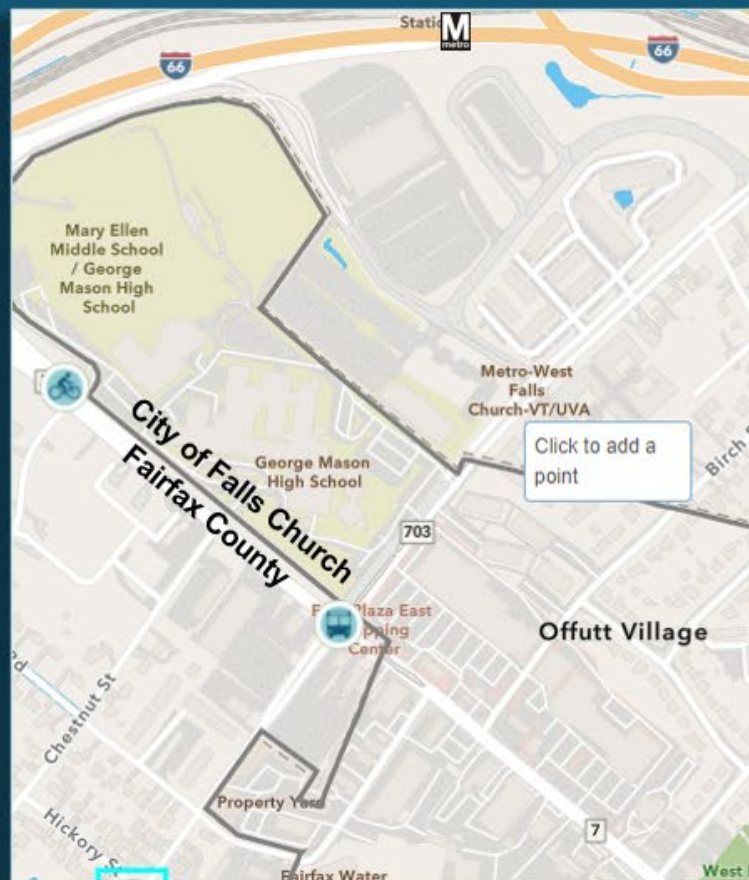


## Link: Barriers to Active Transportation and Destinations Input Map

### FOLLOW THESE EASY STEPS:

1. Zoom into your neighborhood or area of interest.
2. Select **"Leave a Comment"** to get started.
3. Fill out the pop-up window with your comment and optional photo.
4. Like other comments by clicking the heart button.
5. Repeat as many times as you want.

Click the question mark icon in the top right corner to revisit this pop-up



**Public Input**

**Details**

Comment Type (required)

Barrier to Transit Access ✓

Your Name

Your Comment (required)

**Attachments**

Browse

**Location**

Click the map to draw the location.

Enter an address to search

Report It

Cancel





## West Falls Church Active Transportation Study Area Map

- Study area center: West Falls Church Metrorail station entrance
- One-mile walkshed: Actual one-mile walking distance from station entrance
- One-mile radius: Pedestrian gap-analysis
- Two-mile radius: Bicycle gap-analysis

View the map with a list of currently planned and recently completed projects here:

[https://www.fairfaxcounty.gov/transportation/sites/transportation/files/assets/documents/pdf/transportation%20projects,%20studies%20and%20plans/west%20falls%20church%20ats%20study%20area%202\\_8\\_22.pdf](https://www.fairfaxcounty.gov/transportation/sites/transportation/files/assets/documents/pdf/transportation%20projects,%20studies%20and%20plans/west%20falls%20church%20ats%20study%20area%202_8_22.pdf)





## Advisory Group

- a) Three representatives each from Dranesville and Providence Districts
- b) Two representatives each from Dranesville and Providence District school PTAs within the study area
- c) McLean Citizens Association (MCA)
- d) Providence District Council (PDC)
- e) Fairfax Alliance for Better Bicycling (FABB)
- f) Fairfax Families for Safer Streets



## Technical Group

- a) Fairfax County Department of Transportation (FCDOT)
- b) Fairfax County Park Authority (FCPA)
- c) Virginia Department of Transportation (VDOT)
- d) Northern Virginia Regional Park Authority (NOVA Parks)
- e) Fairfax County Public Schools (FCPS)
- f) Fairfax County Police
- g) Washington Metropolitan Area Transit Authority (WMATA)
- h) City of Falls Church
- i) Virginia Tech Smart Cities Program
- j) Disabilities Services Board

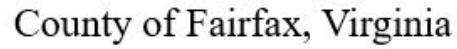




- Provide multiple opportunities for community input and ensure transparency throughout the process.
- Improve safety, accessibility, and comfort for all active transportation users.
- Increase connectivity between the West Falls Church Metrorail Station, surrounding neighborhoods, and the Washington and Old Dominion (W&OD) Trail.
- Recommend improvements and set priorities with community assistance.
- Coordinate with the Countywide ActiveFairfax Transportation Plan.
- Prepare general cost estimates and identify funding to implement recommendations.
- Inform the rezoning process for developments surrounding the West Falls Church Metrorail Station.







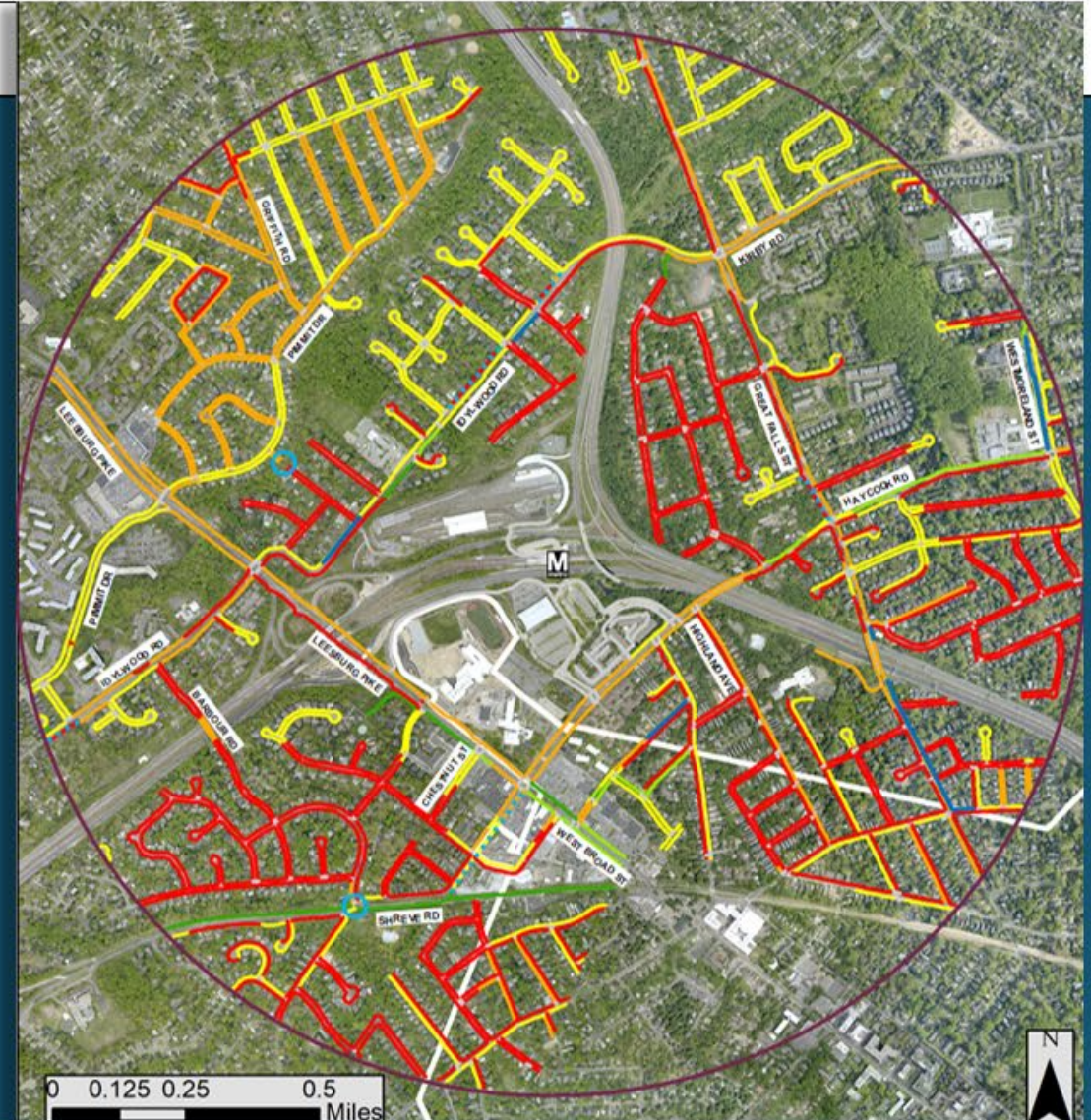
Developed for Montgomery County Planning Department  
in Fall 2019: <https://mcatlas.org/pedplan/>

Point-based: ratings based on factors that contribute to or detract from perceived comfort.

Scores applied to street segments within one-mile radius of the West Falls Church Metrorail Station.

Scores are based on the following variables:

- Pathway width
- Posted speed limit
- Buffer width
- Striped parking lane
- Street trees
- Average Daily Traffic
- Bike lane
- Curb or curbless

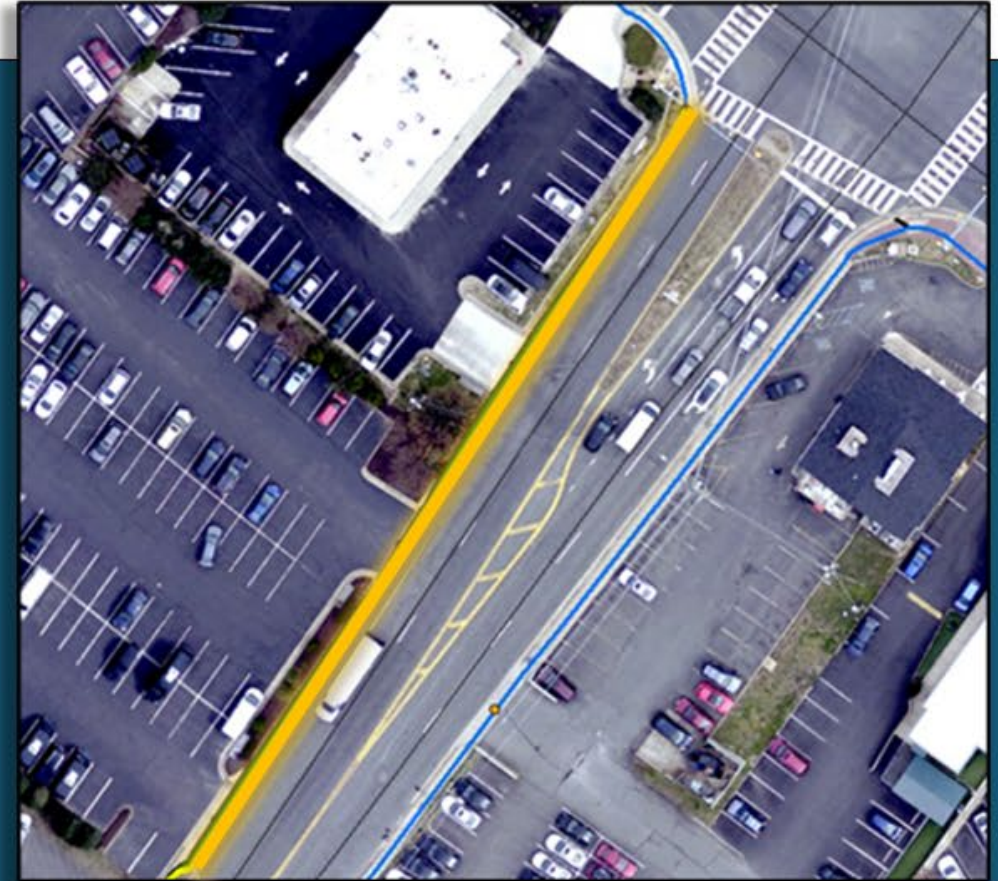






# Pedestrian Level of Comfort (PLOC)

## Shreve Road (west side) approaching Leesburg Pike



Pathway width	Posted speed	Buffer width	Parking lane	Street trees	PLOC
4'	35mph	2'	No	No	Uncomfortable





# Pedestrian Level of Comfort (PLOC)

## Haycock Road (west side) north of Turner Ave



Pathway width	Posted speed	Buffer width	Parking lane	Street trees	PLOC
6'	25mph	10'	No	No	Comfortable



Sidewalk along Idylwood Rd near Redd Rd. (Status: Complete, Project # ST-000003-063)

1) Improve pathway along Leesburg Pike from Idylwood Rd to Falls Church Dr

2) Crosswalk from Barbour Rd to Carbridge Rd

3) Add high-visibility crosswalks at all interchange ramp crossings along Leesburg Pike, and install flashing beacons where appropriate

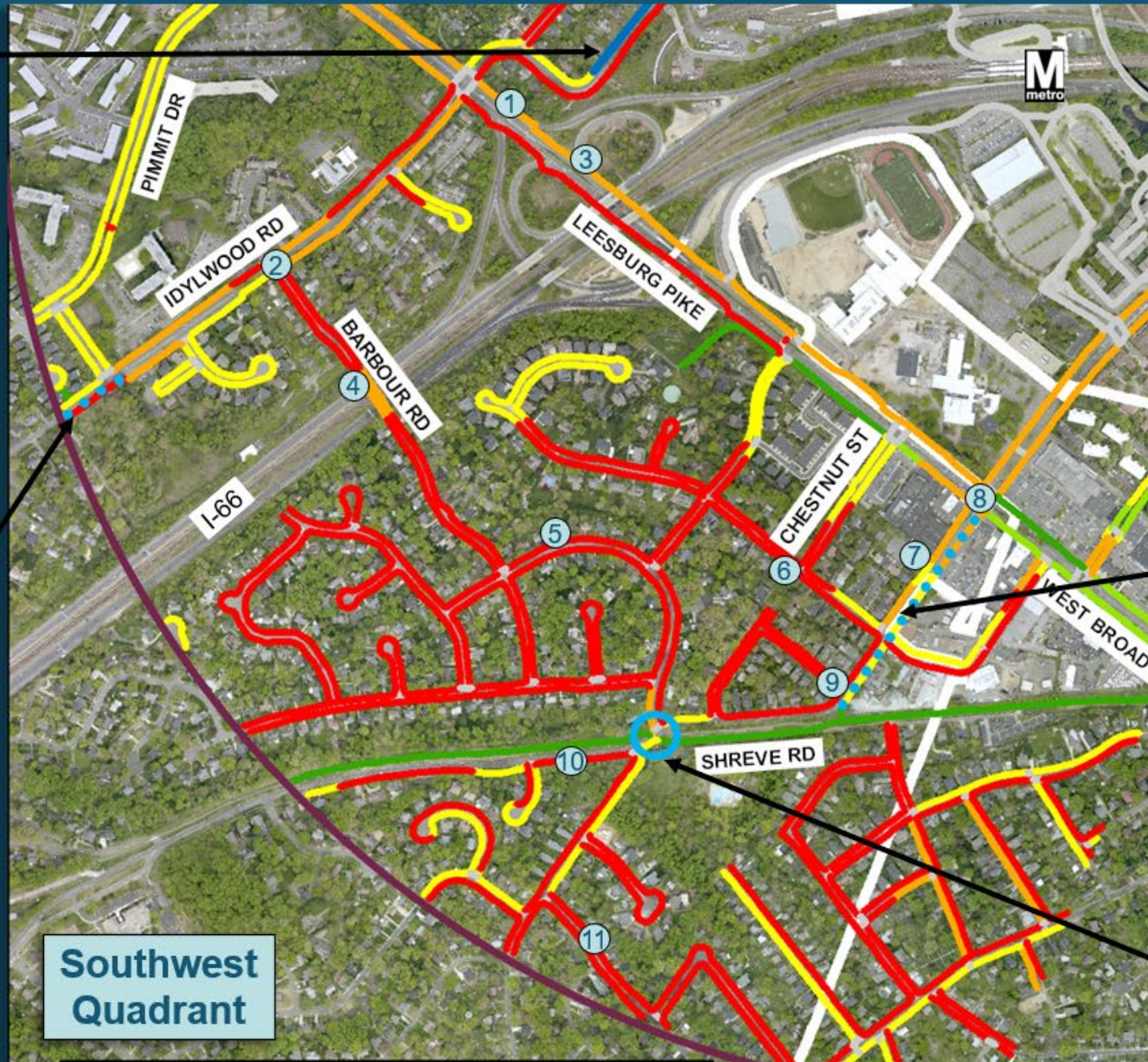
Idylwood Road Trail extension from Shreve Hill Rd to Idyl Ln. (Status: On-hold, Project #s DOT-000020, DOT-000012, DOT-000013)

4) Construct sidewalk along Barbour Rd and improve pathway across the bridge over I-66

5) Construct sidewalks along Pinecastle Rd

6) Construct sidewalks along Gordons Rd and Chestnut St

7) Improve the pathway along the north side of Shreve Rd between Gordons Rd and Leesburg Pike



#### Level of Comfort

1 = Very Comfortable

2 = Comfortable

3 = Satisfactory

4 = Uncomfortable

5 = No Pathway

8) Improve safety and comfort crossing Leesburg Pike/Shreve Rd/Haycock Rd intersection

9) Construct sidewalk along north side of Shreve Rd from Chestnut St to Gordons Rd

Multimodal improvements along eastside of Shreve Rd from the W&OD Trail to Leesburg Pike. City of Falls Church project. (Status: Funding approved. NVTA grant, TransAction ID #66).

10) Construct sidewalks along the south side of Shreve Rd between Patricia Ct and Buckelew Dr

11) Construct sidewalk along Allan Ave between Stuart Pl and Buckelew Dr

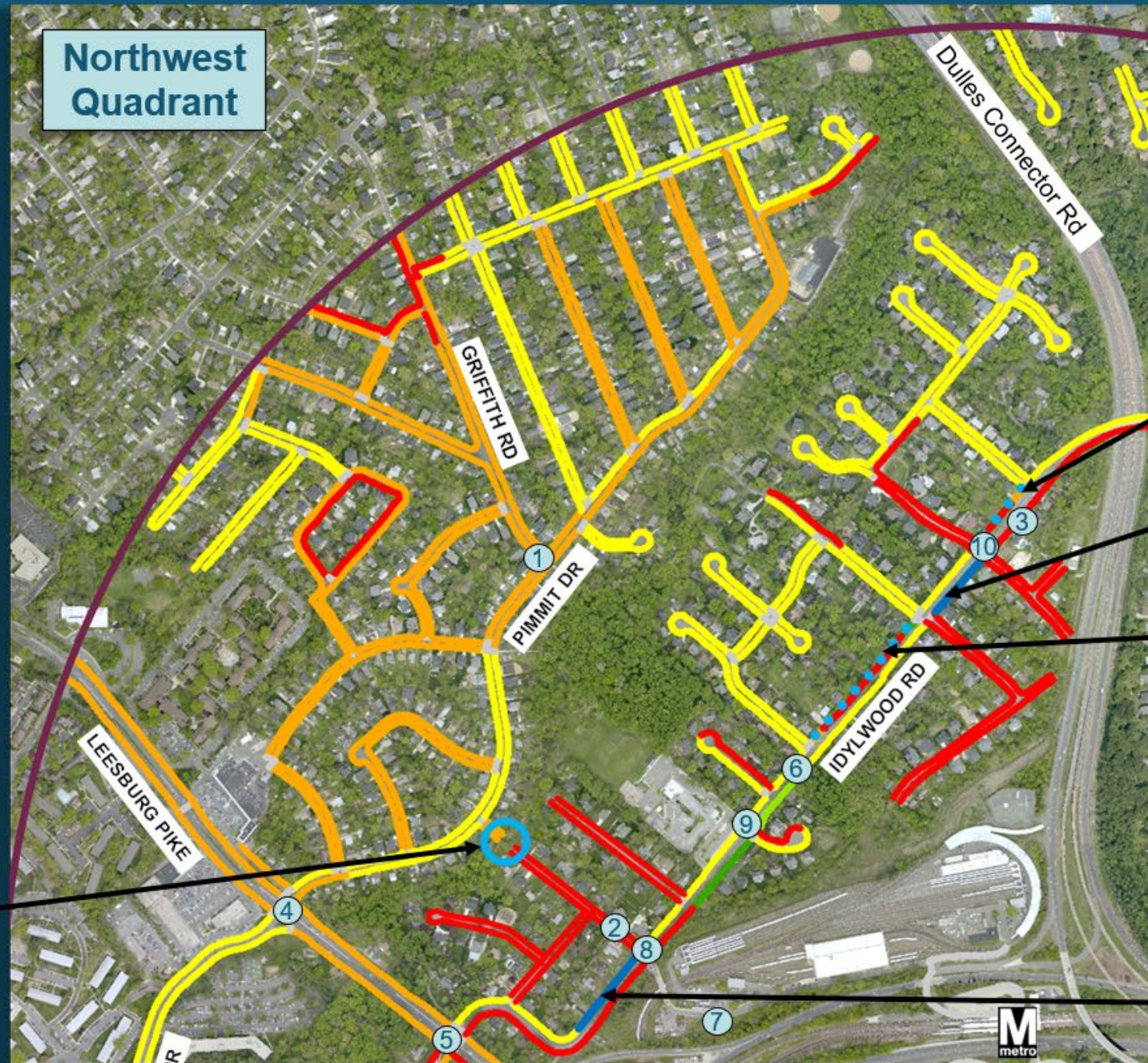
Improve W&OD Trail crossing at Shreve Rd. NOVA Parks project.



### Level of Comfort

- 1 = Very Comfortable
- 2 = Comfortable
- 3 = Satisfactory
- 4 = Uncomfortable
- 5 = No Pathway

## Northwest Quadrant



6) Improve visibility of mid-block crossing on Idylwood Rd near Hyde Rd with flashing beacons

7) Create accessible pedestrian route to Metrorail station from Idylwood Rd

8) Add crosswalk over Redd Rd at Idylwood Rd and improve visibility by re-grading the embankment

Sidewalk along Idylwood Rd from Friendship Ln to Stephanie Marie Dr. (Status: Initiated, TPP 203)

Sidewalk along Idylwood Rd from Norwalk St to properties south. (Status: Complete, TPP 136)

Sidewalk along Idylwood Rd from Hillside Dr to Idylwood Ct. (Status: Initiated, TPP 137)

9) Construct pedestrian refuge island on Idylwood Rd at Montview Ct and Lemon Rd Elementary School

10) Add flashing beacons to the Idylwood Rd crossing at Hillside Dr and Eastman Dr

Sidewalk along Idylwood Rd near Redd Rd. (Status: Complete, Project # ST-000003-063)

1) Install accessible route to the Lemon Rd Elementary School from Pimmit Dr

2) Construct sidewalk along Redd Rd to Idylwood Rd

3) Construct sidewalk along the southside of Idylwood Rd north of Norwalk St

4) Add high-visibility crosswalks at the Pimmit Dr/Leesburg Pike intersection (all legs)

5) Add high-visibility crosswalks at the Idylwood Rd/Leesburg Pike intersection

Walkway and bridge connecting Redd Rd (Idylwood Rd side) to Redd Rd (Pimmit Dr side). (Status: Initiated, TPP 208)



1) Add mid-block crosswalk over Great Falls St to access Pimmit Run Stream Valley Park

2) Construct sidewalk on east side of Great Falls St north of Hutchison St

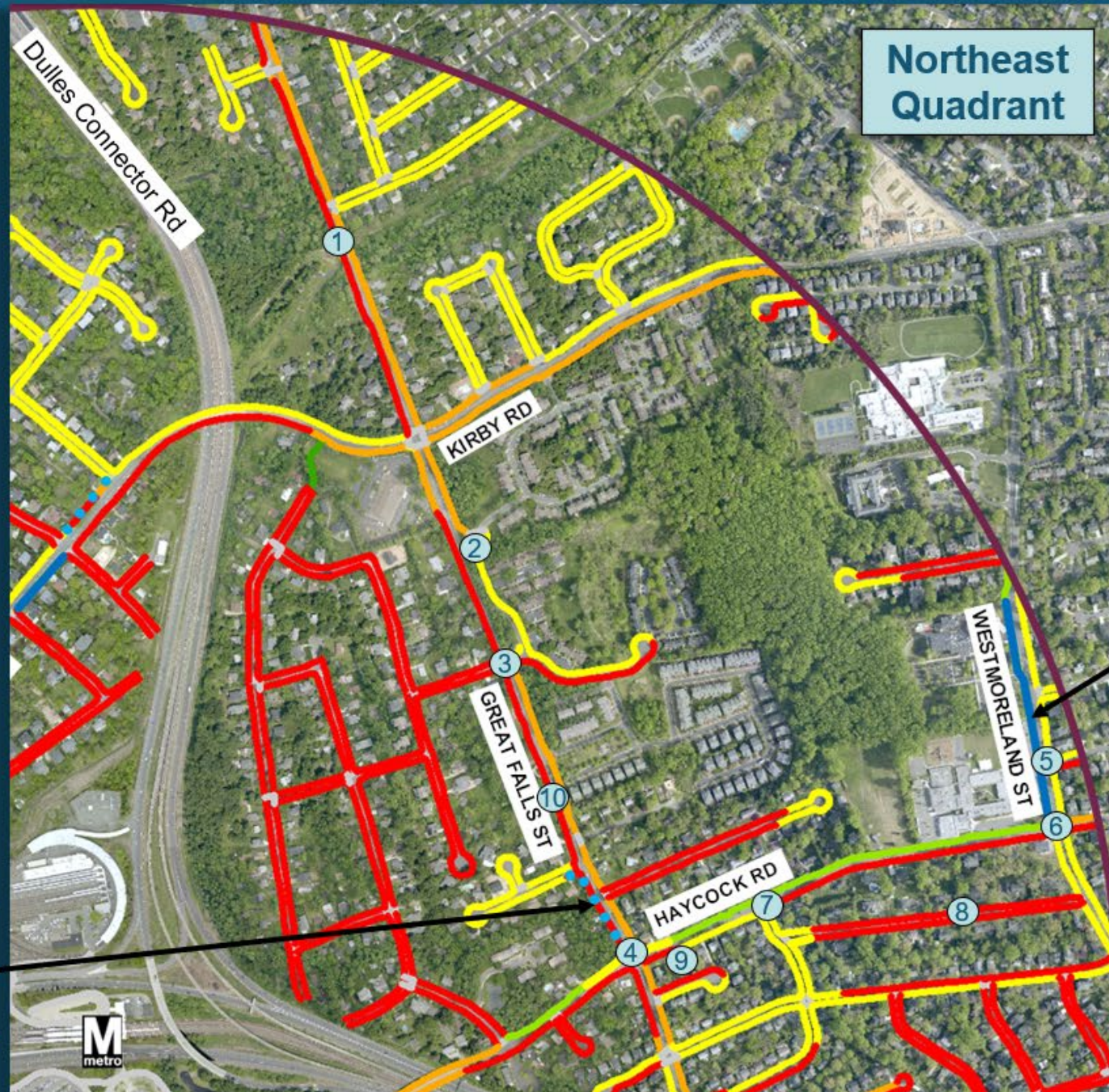
3) Add flashing beacons and crosswalk over Great Falls St at Hutchison St. Must include construction of curb ramps and sidewalk

4) Add high-visibility crosswalks to all legs of the Great Falls St and Haycock Rd intersection. Must include construction of curb ramps and sidewalk

5) Add mid-block crosswalk over Westmoreland St at Orland St

6) No right-turn on red, or yield to pedestrian signage for southbound Westmoreland St at intersection with Haycock Rd and construct corner expansion/ bulb outs

Sidewalk along Great Falls St from Grande Ln to Haycock Rd. (Status: Initiated, TPP 201, Project # 2G40-088-057-0)



### Level of Comfort

1 = Very Comfortable

2 = Comfortable

3 = Satisfactory

4 = Uncomfortable

5 = No Pathway

7) Add mid-block crossing from Casemont Dr to north side of Haycock Rd. Must include construction of curb ramps and sidewalk

8) Construct sidewalk on one side of Beacon Ln

Right-turn lane and pedestrian signal at Haycock Rd/Westmoreland St; pedestrian access between Temple and Haycock Elementary School on Westmoreland St. (Status: Complete, Project # PPTF01-03800)

9) Complete the asphalt path along south side of Haycock Rd east of Great Falls St

10) Construct sidewalk along west side of Great Falls St from Idylwood Rd to Grande Ln



1) Construct sidewalk along Turner Ave from Grayson PI to Haycock Rd

2) Add crosswalk over Turner Ave along Haycock Rd

3) Improve pathway along north side of Haycock Rd from Great Falls St to Metro Access Rd

4) Construct sidewalk along south side of Haycock Rd from Westwood PI to bridge over I-66

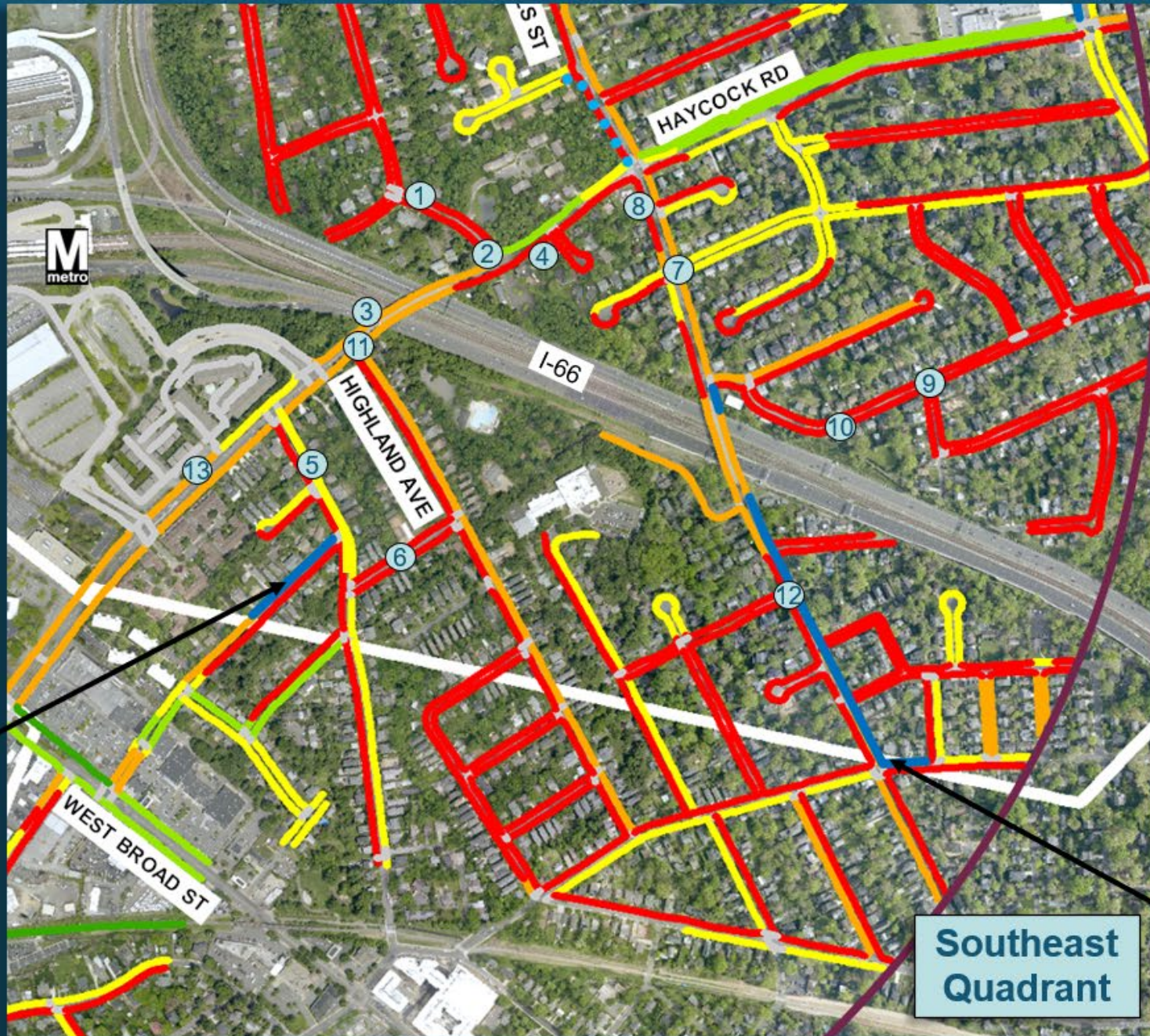
5) Perform trail maintenance on Grove Ave approaching Haycock Rd

6) Construct sidewalk on Mt Daniel Dr

Sidewalk along Birch St from Grove Ave to City of Falls Church.  
(Status: Complete, Project # ST-000003-048)

7) Add crosswalk over Great Falls St at Moly Ln

8) Construct asphalt pathway along west side of Great Falls St to Haycock Rd



### Level of Comfort

1 = Very Comfortable

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3 = Satisfactory

4 = Uncomfortable

5 = No Pathway

9) Add stop bars to existing all-way-stop Fisher Ave/ Brilyn PI intersection

10) Construct sidewalk on Fisher Ave

11) Add crosswalk over Highland Ave along Haycock Rd

12) Add mid-block crossing over Great Falls St at Walnut St

13) Road diet along Haycock Rd, including pedestrian refuge islands at Falls Church Dr and Metro Access Rd

Sidewalk along Great Falls St from N West St to Osborn St., and sidewalk and intersection improvements along N West St from Great Falls St to Brilyn Ave.  
(Status: Complete, TPP 202, Project # 5G25-060-042-0 and TPP 350, # ST000036-003-0)





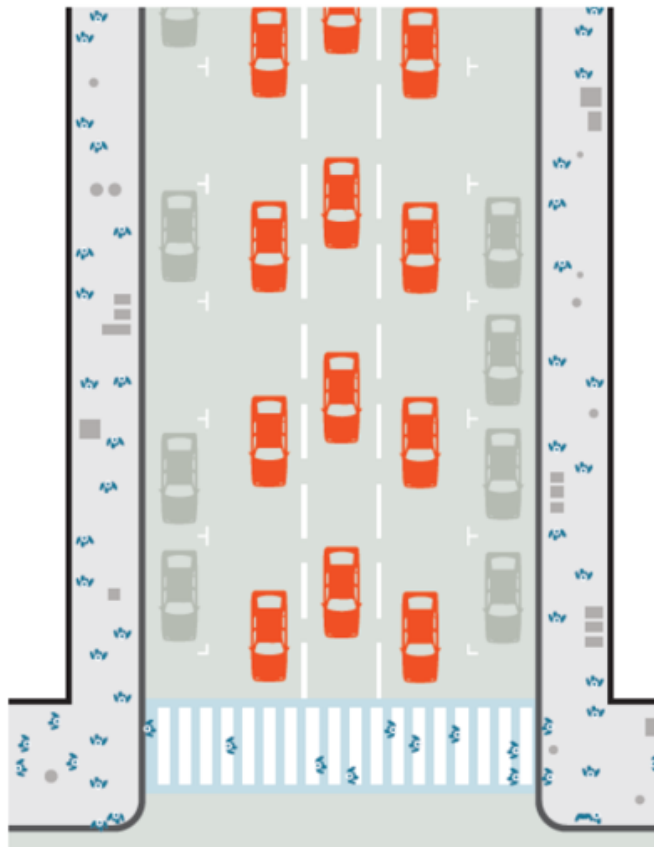
## Road Diet:

Reduce number of travel lanes and repurpose space for active transportation uses.

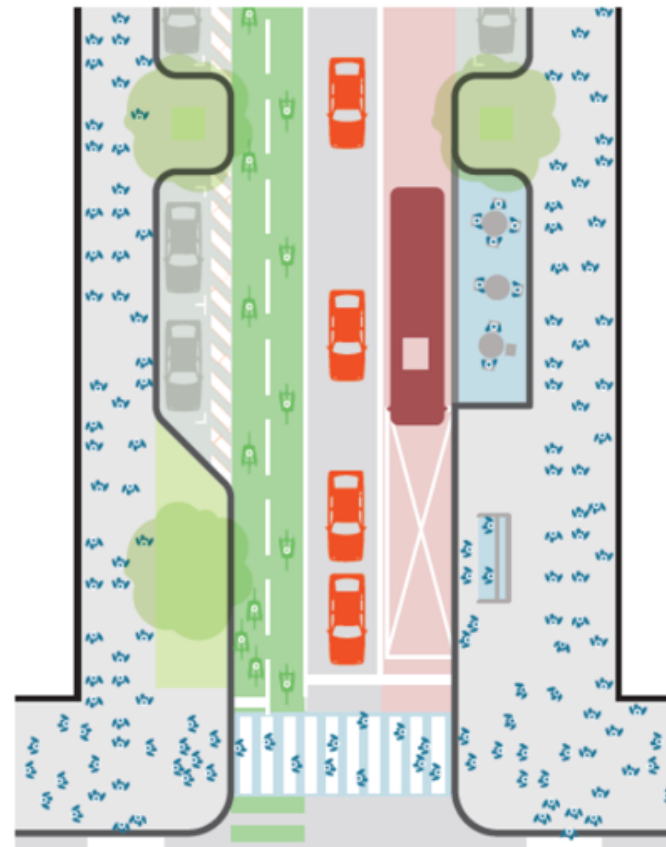
Haycock Road – Remove one through-lane in each direction from Falls Church Drive to east end of bridge over I-66. Repurpose space for pedestrian and bicycle facilities.

\*Detailed traffic analysis is needed to determine the impacts of a road diet\*

Car-Oriented Street



Multimodal Street

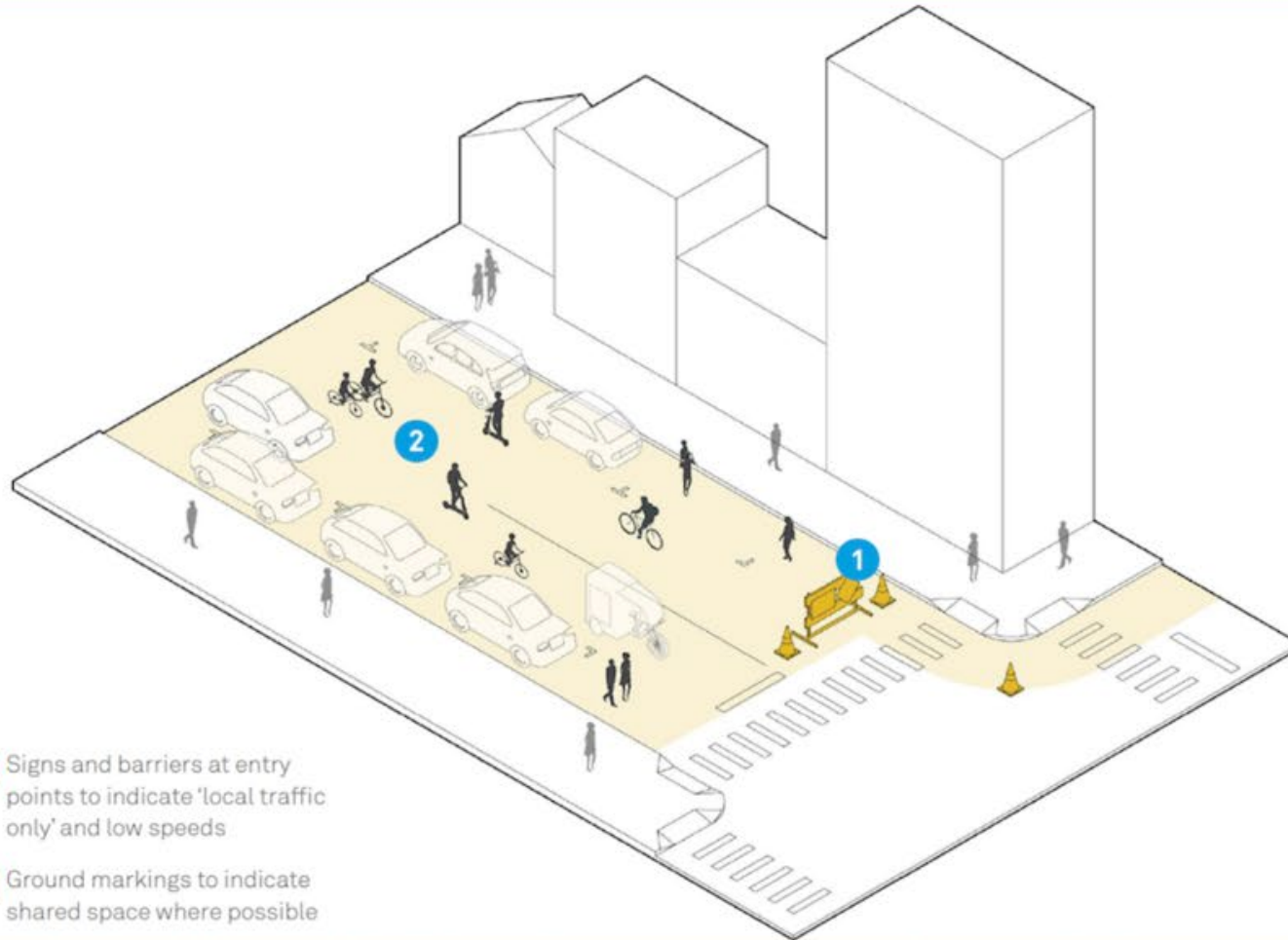


<http://carfreeamerica.net/road-diet-guide/>





# Potential Improvements



- 1 Signs and barriers at entry points to indicate 'local traffic only' and low speeds
- 2 Ground markings to indicate shared space where possible

<https://nacto.org/publication/streets-for-pandemic-response-recovery/emerging-street-strategies/slow-streets/>

## Slow Streets:

Limit vehicular traffic on a stretch of roadway to create a shared space for vehicles, pedestrians, and bicyclists.

Characteristics of Slow Streets include:

- Speeds of 15 MPH or less
- Partial barriers at entry points with signage
- Allow local access, deliveries, and emergency vehicles



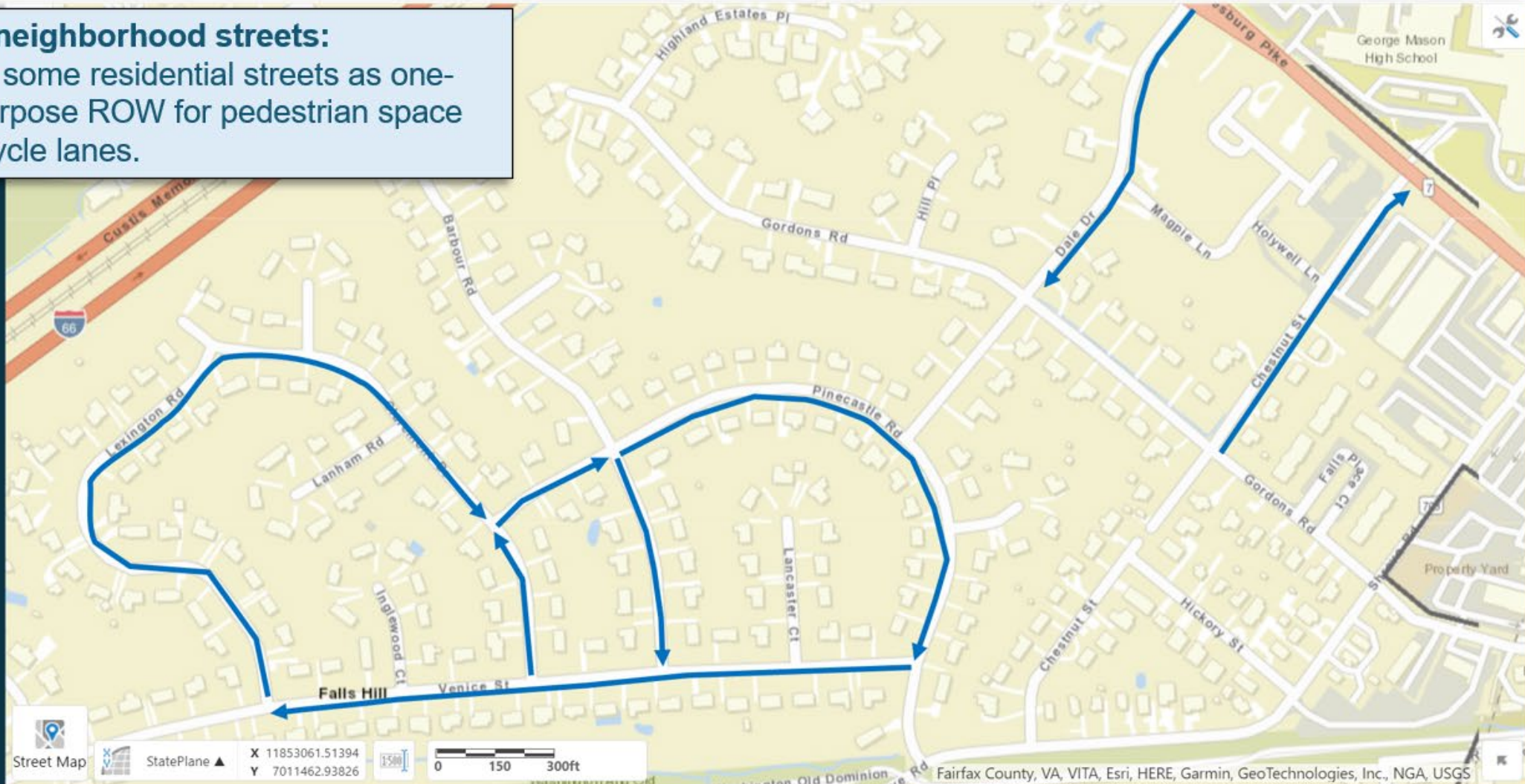
[https://www.sfmata.com/sites/default/files/reports-and-documents/2021/09/slow\\_streets\\_design\\_toolkit\\_document\\_lakest.pdf](https://www.sfmata.com/sites/default/files/reports-and-documents/2021/09/slow_streets_design_toolkit_document_lakest.pdf)





## One-way neighborhood streets:

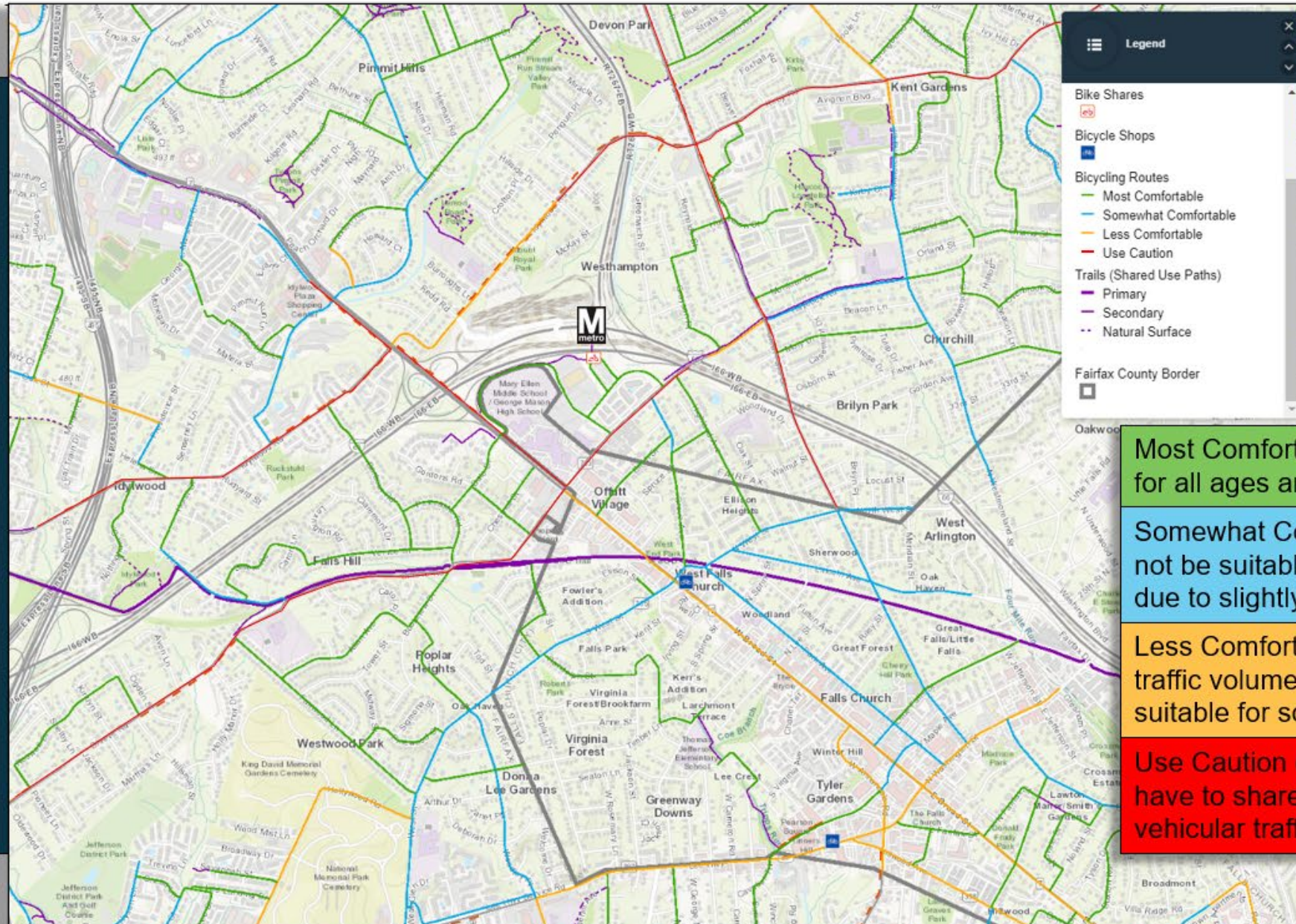
Designate some residential streets as one-way. Repurpose ROW for pedestrian space and/or bicycle lanes.







# Bicycle Level of Traffic Stress (LTS)



**Most Comfortable (LTS 1)-** Suitable for all ages and abilities.

**Somewhat Comfortable (LTS 2)-** May not be suitable for young children due to slightly higher traffic volumes.

**Less Comfortable (LTS 3)-** Higher traffic volumes and speeds, but still suitable for some experienced adults.

**Use Caution (LTS 4)-** Bicyclists may have to share a lane with heavy vehicular traffic.



## Bicycle Network Improvements

1. Leesburg Pike from Pimmit Dr to Falls Church Dr
2. Haycock Rd from Westmoreland St to City of Falls Church
3. Shreve Rd from the W&OD Trail to Leesburg Pike
4. Grove Ave from City of Falls Church to Haycock Rd
5. Great Falls St from Kirby Rd/Idylwood Rd to N West St
6. Idylwood Rd from Virginia Ln to Leesburg Pike
7. Westmoreland St from Haycock Rd to Arlington County
8. Westmoreland St from Somerville Dr to Hopewood Dr
9. Leesburg Pike from Lisle Ave/Ramada Rd to Pimmit Dr
10. West St from Lee Hwy to Fairwood Ln
11. Great Falls St from Chain Bridge Rd to Kirby Rd/Idylwood
12. Pimmit Dr from Idylwood Rd to Leesburg Pike
13. Kirby Rd from Westmoreland St to Great Falls St
14. Improve W&OD Trail crossing at Virginia Ln

### Legend

<span style="color: red;">—</span> Recommended Project	<span style="border-bottom: 2px solid black;"> </span> Jurisdictional Border
<span style="color: yellow;">—</span> Sidewalks	<span style="color: pink;">—</span> Regional Trail
<span style="color: purple;">—</span> 1 Mile Buffer	<span style="color: orange;">—</span> Orange Line
<span style="color: blue;">—</span> 2 Mile Buffer	<span style="border-bottom: 2px dashed black;"> </span> Silver Line







Held kick-off meeting with Advisory Group (AG). Begin existing conditions assessment.

Finalized study scope. First set of public meetings.

Finalized initial list of recommendations and prepare community survey.

Refine recommendations and priority list. Identify potential sources of funding.

Work to secure funding for priority projects, implementation.



- Public can submit comments throughout the process
- Coordination with the Advisory Group and Technical Group is ongoing
- Finalize recommendations prior to rezoning of WMATA site







- **Compile results of the community survey**  
Survey open from May 10<sup>th</sup> – June 13<sup>th</sup>
- **Review survey results with the Advisory Group**  
Advisory Group to meet in July (Meeting #5)
- **Finalize report and hold third round of community meetings**  
Study completion in summer/fall 2022







## Questions?

**West Falls Church Active Transportation Study**

[timothy.kutzjr@fairfaxcounty.gov](mailto:timothy.kutzjr@fairfaxcounty.gov)

**Please complete our survey!**

<https://www.fairfaxcounty.gov/transportation/study/west-falls-church-active-transportation-study>

