



West Falls Church Active Transportation Study

Tuesday, June 28, 2022
Advisory Group Meeting #5
Teams Virtual Meeting



- Technical Group Q&A
- Survey results
- Next steps
- Public comment





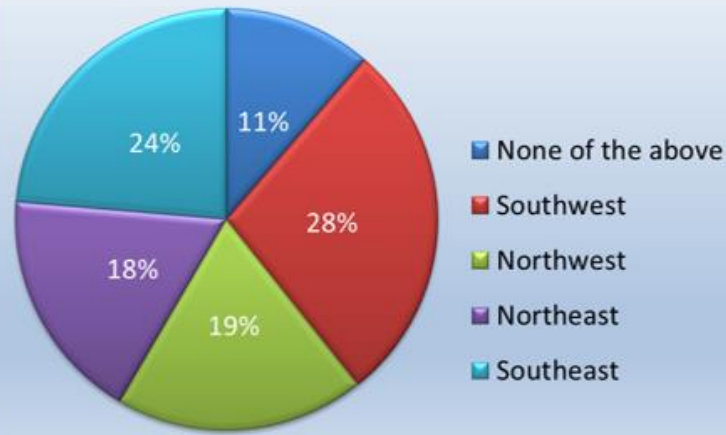
Survey recap:

- Open from May 10th – June 13th
- 441 submissions
- 99% of respondents live within the two-mile study area and have access to a vehicle

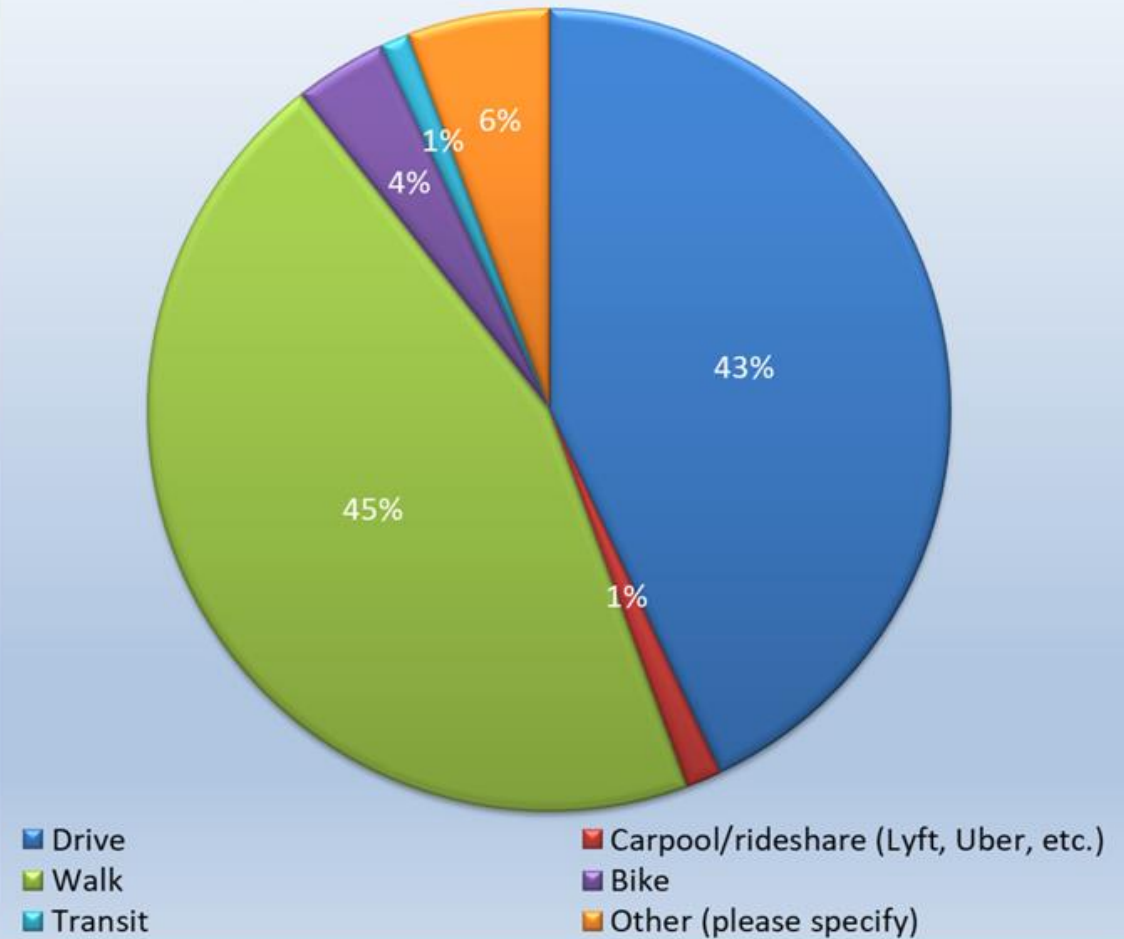
Do you presently use the West Falls Church Metrorail?



Do you live within one of the four quadrants shown in questions 3 – 6?



If you answered “Yes” to the question above, how do you usually get to the Metrorail Station?

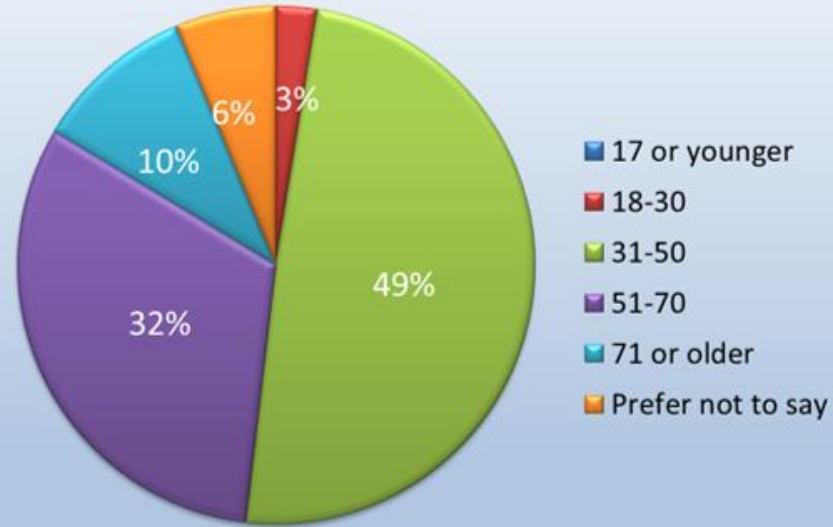




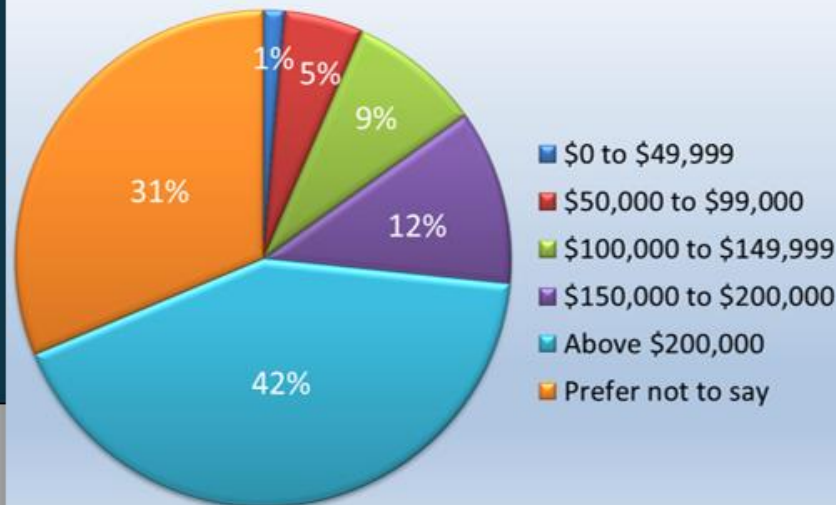
Gender:
46% Female
45% Male
9% Prefer not to say



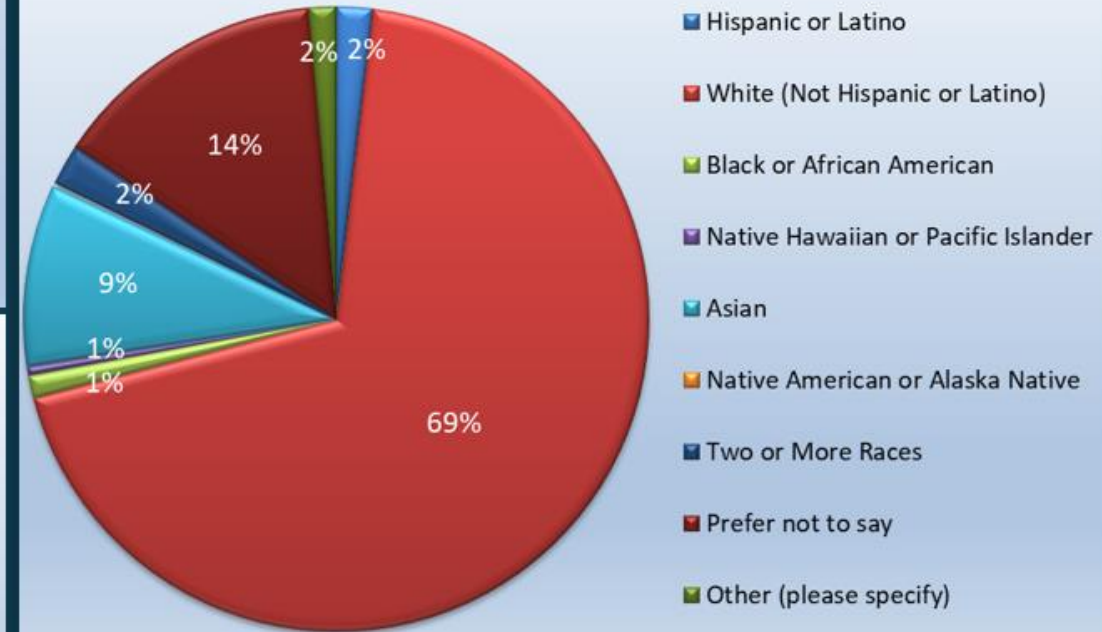
What is your age?



What is your annual household income?



What is your race or ethnicity?





Please rank the improvements you feel are most important to enhancing active transportation (e.g., walking or biking) within the study area.

	1	2	3	4	5	Total	Score
Pedestrian infrastructure (e.g. wider/new sidewalks, benches)	240	111	50	18	11	430	4.28
Improved roadway crossings (e.g., visibility at crosswalks, shorter crossing distances)	102	155	109	51	11	428	3.67
Bicycle infrastructure (e.g., bicycle lanes, bicycle parking, bikeshare)	55	82	98	101	84	420	2.82
Improved roadway and pathway lighting (e.g., pedestrian-scale lighting)	14	60	112	165	69	420	2.49
Lower posted speed limits	23	24	53	82	241	423	1.83

Answered: 438 Skipped: 3

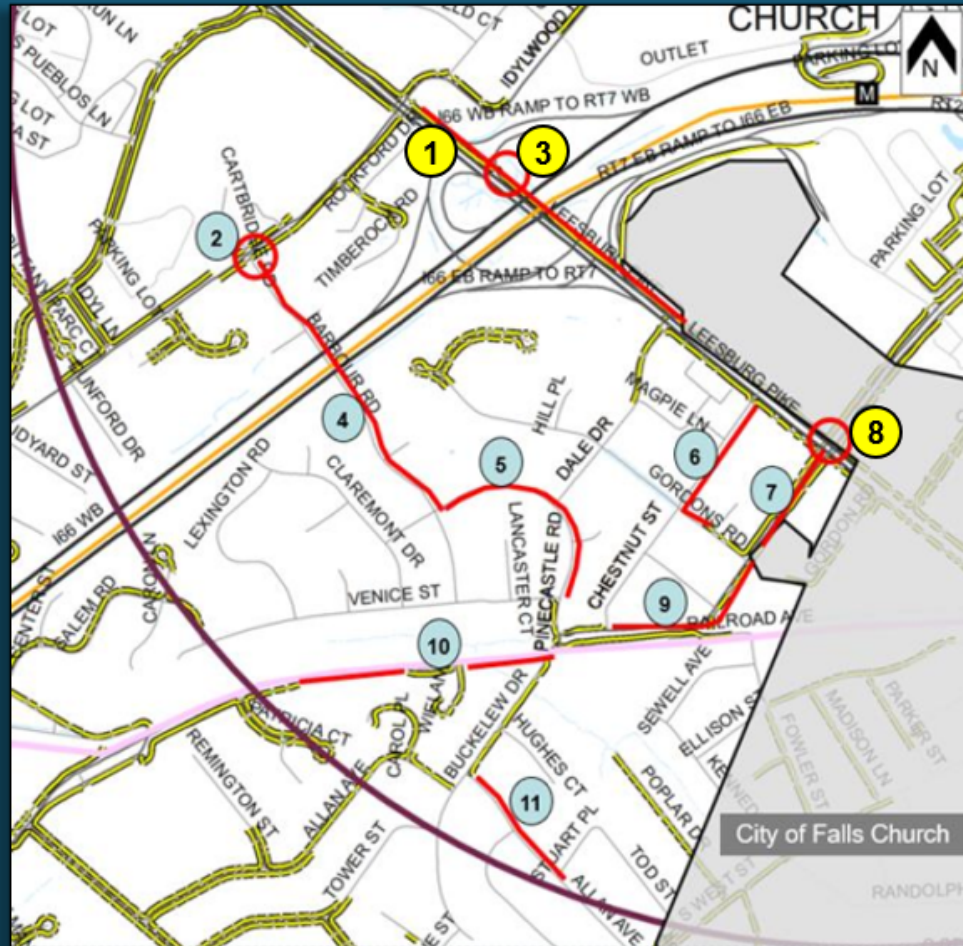
Additional recommendations are listed below. Please rank the recommendations that you think would most benefit active transportation.

	1	2	3	4	5	6	Total	Score
“Slow streets” pilot program to designate certain residential streets for lower speed, local traffic only	145	56	35	37	46	47	366	4.21
Maintenance agreement, including landscaping and pathway upkeep, for “gateways” into development	77	81	88	53	40	20	359	4.12
Street trees/ landscaping along pedestrian routes	66	88	101	64	37	18	374	4.07
Wayfinding signage for bicycle and pedestrian routes	32	68	57	74	83	45	359	3.32
Local shuttle service to the Metrorail station to complement active transportation	70	52	29	43	52	110	356	3.2
Public art to make pedestrian routes more visually appealing and contribute to placemaking	14	38	52	72	75	95	346	2.72

Answered: 406 Skipped: 35



Rank recommendations in the southwest quadrant (390 answered, 51 skipped)



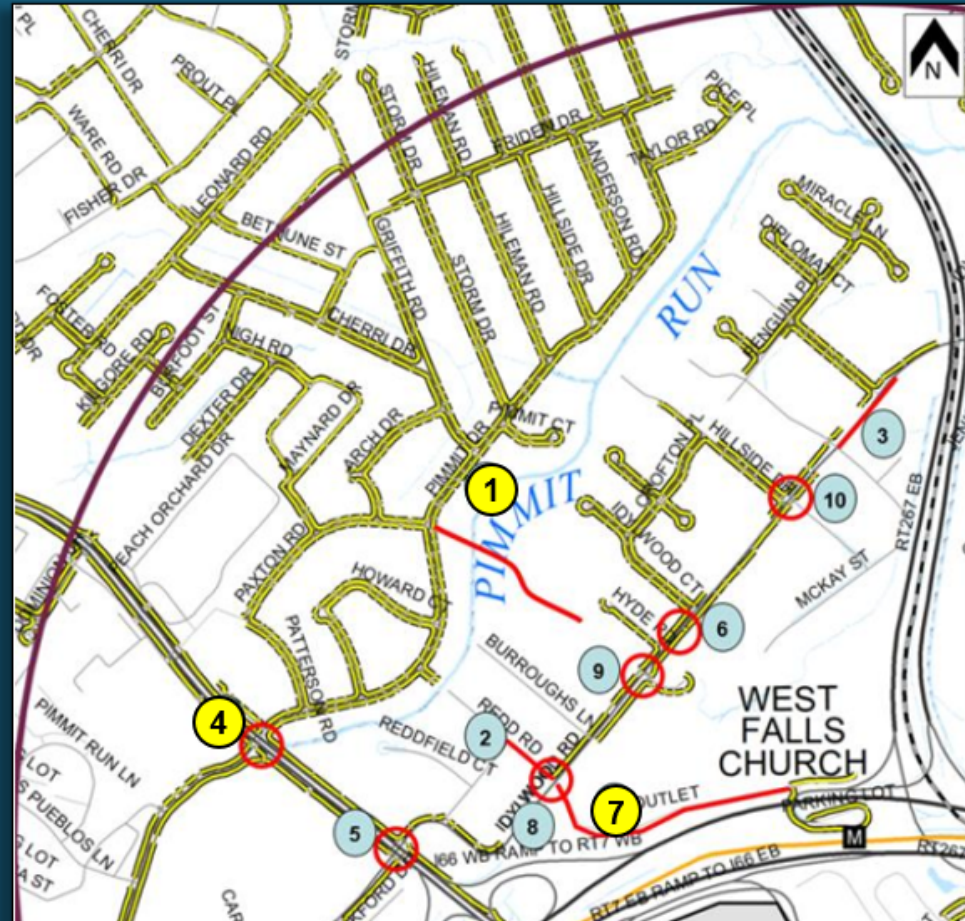
Rank	Map #	Description*
1	(1)	Improve pathway along Leesburg Pike from Idylwood Rd to Falls Church Dr
2	(3)	Add high-visibility crosswalks at all interchange ramp crossings along Leesburg Pike, and install flashing beacons where appropriate
3	(8)	Improve safety and comfort crossing Leesburg Pike/Shreve Rd/Haycock Rd intersection, for example, decrease crossing distance, add pedestrian median, pedestrian lead time, restricting right on red
4	(7)	Improve the pathway along the north side of Shreve Rd between Gordons Rd and Leesburg Pike
5	(4)	Construct sidewalk along Barbour Rd and improve pathway across the bridge over I-66
6	(2)	Add a crosswalk over Idylwood Rd near Barbour Rd/ <u>Carbridge Rd</u>
7	(9)	Construct sidewalk along the north side of Shreve Rd from Chestnut St to Gordons Rd
8	(6)	Construct sidewalks along Gordons Rd and Chestnut St
9	(5)	Construct sidewalk along Pinecastle Rd
10	(10)	Construct sidewalks along the south side of Shreve Rd between Patricia Ct and Buckelew Dr
11	(11)	Construct sidewalk along Allan Ave between Stuart Pl and Buckelew Dr

*Bolded items indicate initial Advisory Group priorities





Rank recommendations in the northwest quadrant (351 answered, 90 skipped)



Rank	Map #	Description*
1	(1)	Install accessible route to Lemon Rd Elementary School from Pimmit Dr
2	(7)	Create accessible pedestrian route to Metrorail station from Idylwood Rd
3	(4)	Add high-visibility crosswalks at the Pimmit Dr/Leesburg Pike intersection (all legs)
4	(5)	Add high-visibility crosswalks at the Idylwood Rd/Leesburg Pike intersection
5	(2)	Construct sidewalk along Redd Rd to Idylwood Rd
6	(3)	Construct sidewalk along the south side of Idylwood Rd north of Norwalk St
7	(6)	Improve visibility of mid-block crossing on Idylwood Rd near Hyde Rd with flashing beacons
8	(8)	Add crosswalk over Redd Rd at Idylwood Rd and improve visibility by re-grading the embankment
9	(9)	Construct pedestrian refuge island on Idylwood Rd at Montview Ct and Lemon Rd Elementary School
10	(10)	Add flashing beacons to the Idylwood Rd crossing at Hillside Dr and Eastman Dr

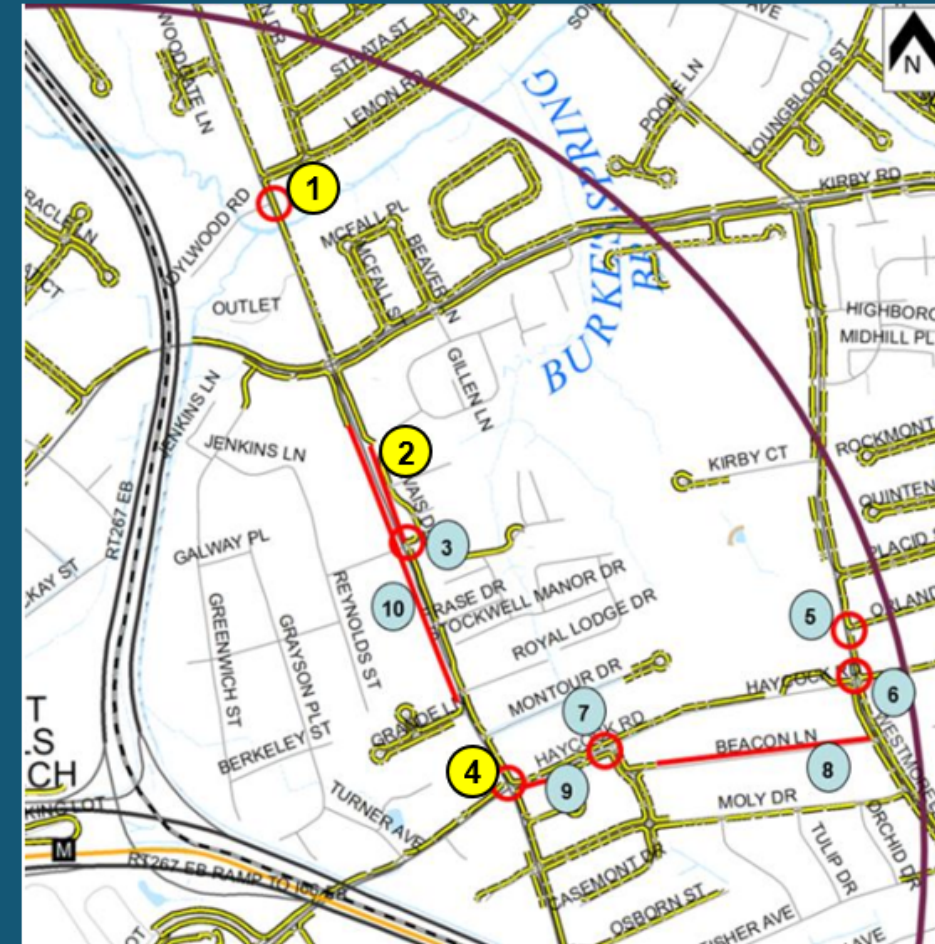
***Bolded** items indicate initial Advisory Group priorities



Rank recommendations in the northeast quadrant (356 answered, 85 skipped)

Rank	Map #	Description*
1	(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
2	(2)	Construct sidewalk on east side of Great Falls St north of Hutchison St
3	(1)	Add mid-block crosswalk over Great Falls St to access Pimmit Run Stream Valley Park
4	(3)	Add flashing beacons and crosswalk over Great Falls St at Hutchison St. Must include construction of curb ramps and sidewalk
5	(9)	Complete the asphalt path along south side of Haycock Rd east of Great Falls St
6	(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
7	(5)	Add mid-block cross walkover Westmoreland St at Orland St
8	(10)	Construct sidewalk along west side of Great Falls St from Idylwood Rd to Grande Ln
9	(7)	Add mid-block crossing from <u>Casemont Dr</u> to northside of Haycock Rd. Must include construction of curb ramps and sidewalk.
10	(8)	Construct sidewalk on one side of Beacon Ln

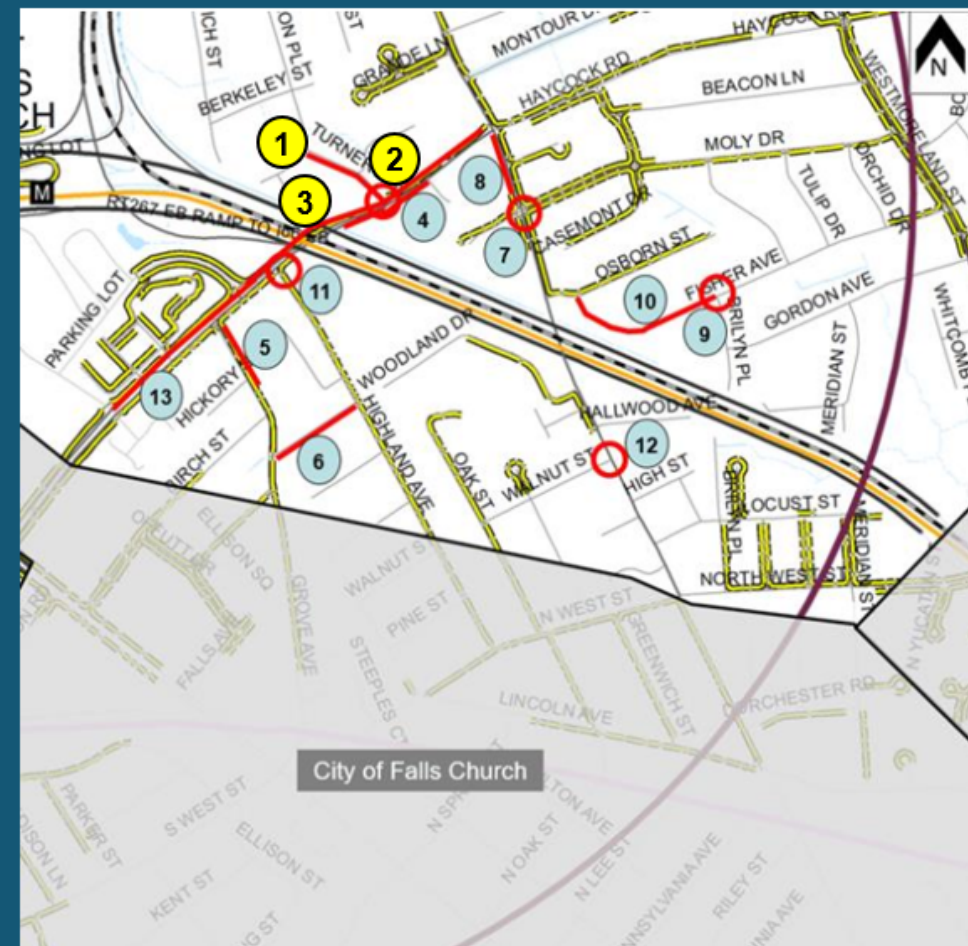
***Bolded** items indicate initial Advisory Group priorities





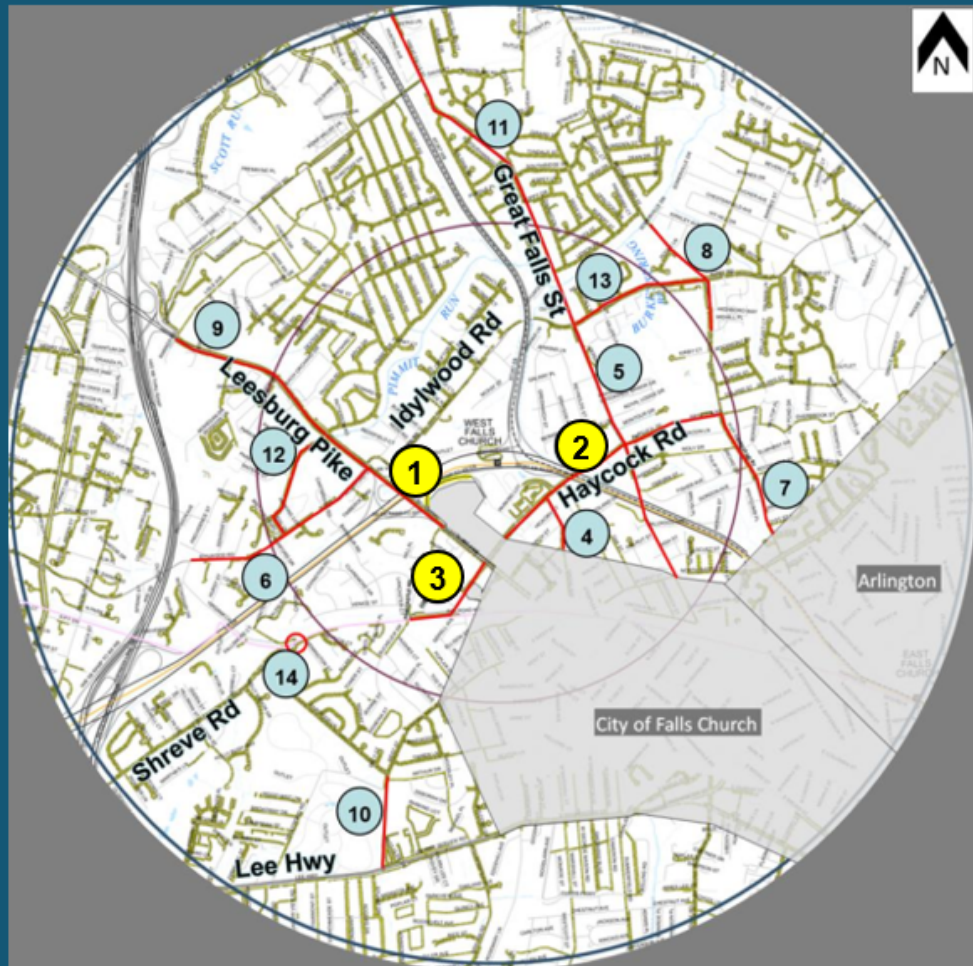
Rank recommendations in the southeast quadrant (345 answered, 96 skipped)

Rank	Map #	Description*
1	(3)	Improve pathway along north side of Haycock Rd from Great Falls St to Metro Access Rd
2	(1)	Construct sidewalk along Turner Ave from Grayson Pl to Haycock Rd
3	(2)	Add crosswalk over Turner Ave along Haycock Rd
4	(4)	Construct sidewalk along south side of Haycock Rd from Westwood Pl to bridge over I-66
5	(5)	Perform trail maintenance on Grove Ave approaching Haycock Rd
6	(8)	Construct asphalt pathway along west side of Great Falls St to Haycock Rd
7	(7)	Add crosswalk over Great Falls St at Moly Ln
8	(6)	Construct sidewalk on Mt Daniel Dr
9	(13)	Road diet along Haycock Rd, including pedestrian refuge islands at Falls Church Dr and Metro Access Rd
10	(11)	Add crosswalk over Highland Ave along Haycock Rd
11	(10)	Construct sidewalk on Fisher Ave
12	(9)	Add stop bars to existing all-way-stop Fisher Ave/Brilyn Pl intersection
13	(12)	Add mid-block crossing over Great Falls St at Walnut St





Rank recommendations for bicycle network improvements in the two-mile radius (383 answered, 58 skipped)



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



Tools and approaches for prioritization:

Crosswalks or sidewalks

Ease of implementation

ActiveFairfax barriers and destinations map

Bicycle Level of Traffic Stress score

Proximity to Metrorail station or schools



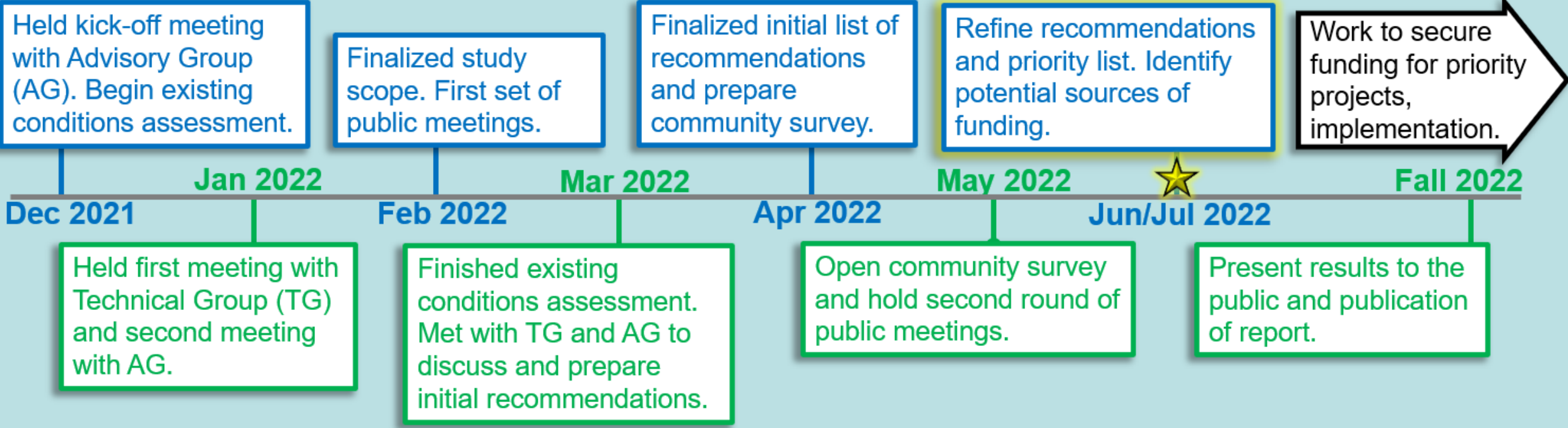
Others?

Pedestrian Level of Comfort score

Community survey results

Roadways with high Average Daily Traffic

VDOT 5-year crash data



- 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





Questions?



timothy.kutzjr@fairfaxcounty.gov



703-877-5600 | TTY 711





Average Ranking

The average ranking is calculated as follows, where:

w = weight of ranked position

x = response count for answer choice

$$\frac{x_1w_1 + x_2w_2 + x_3w_3 \dots x_nw_n}{\text{Total response count}}$$

Total response count



The respondent's most preferred choice (ranked as #1) has the largest weight, and the least preferred choice (ranked in the last position) has a weight of 1.

For example, if a Ranking question has 5 answer choices, weights are assigned as follows:

The #1 choice has a weight of 5

The #2 choice has a weight of 4

The #3 choice has a weight of 3

The #4 choice has a weight of 2

The #5 choice has a weight of 1

<https://help.surveymonkey.com/en/create/ranking-question/>

*Example:

$$\frac{(5 \times 240) + (4 \times 111) + (3 \times 50) + (2 \times 18) + (1 \times 11)}{430} = 4.28$$

430

= 4.28

Please rank the improvements you feel are most important to enhancing active transportation (e.g., walking or biking) within the study area.

	1	2	3	4	5	Total	Score
Pedestrian infrastructure (e.g., wider/new sidewalks, benches)	240	111	50	18	11	430	4.28*
Improved roadway crossings (e.g., visibility at crosswalks, shorter crossing distances)	102	155	109	51	11	428	3.67
Bicycle infrastructure (e.g., bicycle lanes, bicycle parking, bikeshare)	55	82	98	101	84	420	2.82
Improved roadway and pathway lighting (e.g., pedestrian-scale lighting)	14	60	112	165	69	420	2.49
Lower posted speed limits	23	24	53	82	241	423	1.83
						Answered	438
						Skipped	3