



County of Fairfax, Virginia

Herndon Metrorail Stations Access Management Study(HMSAMS)

Board of Supervisors Transportation Committee

January 20, 2015



Kris Morley-Nikfar
Fairfax County Department of Transportation



STUDY BACKGROUND

- Reston Access Management Group Study (RMAG)
 - Completed in 2008
- Tysons Metrorail Stations Access Management Study (TMSAMS)
 - Completed in 2012
- With the construction of Phase II of Metrorail's Silver Line, there is a need for a plan to enhance access to the future Metrorail Silver Line Stations in Fairfax County.
- The Herndon Metrorail Stations Access Management Study (HMSAMS) was established, in 2013, to develop a bicycle and pedestrian improvement plan for areas surrounding the future Herndon and Innovation Center Metrorail Stations.
- FCDOT is currently updating the County's ten year bus service plan and will begin a study that will identify necessary roadway improvements in the Herndon area sometime in the coming months.



STUDY BACKGROUND

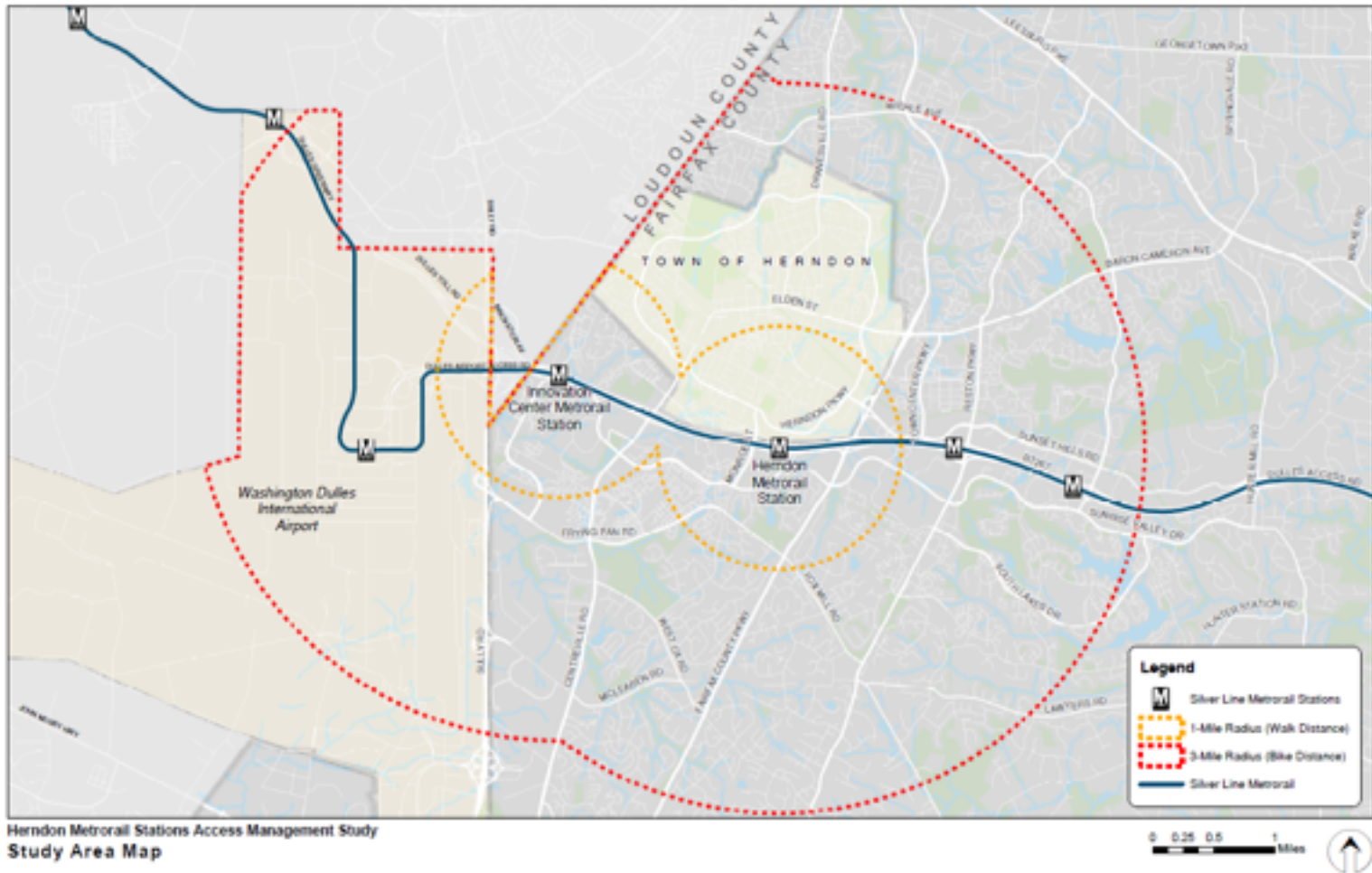
- In 2013, a 16-member group was formed to represent the diverse interests of the area, to identify necessary pedestrian and bicycle facility improvements, and help guide the direction of study.

Herndon Metrorail Stations Access Management Study (HMSAMS) Advisory Group Members			
Name:	Represents/Roll:	Name:	Represents/Roll:
Jenny Phipps	Dranesville BOS District Staff	Charlie Strunk	Fairfax County Dept. of Transportation Bicycle Program Manager
Jeffrey Fairfield	Dranesville BOS District Citizen (South side of DTR)	Randal White	Fairfax County Dept. of Transportation Transit Planner
Mike Olson	Dranesville BOS District Citizen (North side of DTR)	Chris Wells	Fairfax County Dept. of Transportation Pedestrian Program Manager
Paul Davis	Hunter Mill BOS District Staff	Jay Rauschenbach	Fairfax County Park Authority
Rick Hamilton	Hunter Mill BOS District Citizen	Kathleen Leistikow	Loudoun County Dept. of Transportation
Kay Robertson	Town of Herndon Staff	Doug Pew	Reston Paths
Lisa Merkel (Mayor)	Town of Herndon Citizen	Jim Larsen	Dulles Area Transportation Association (DATA)
Kris Morley-Niles	Fairfax County Dept. of Transportation (Project Manager)	Patricia Thompson	Loudoun County Citizen

- A consultant team, lead by Kimley-Horn and Associates, was hired to support the study.



STUDY AREA





STUDY OBJECTIVES

Identify and Understand Existing Bicycle and Pedestrian Network Recommendations/Conditions

- Bicycle Master Plan
- Approved Rezoning Applications
- Already Funded Improvements
- Existing Sidewalk Inventory
- HMSAMS Advisory Group Recommendations

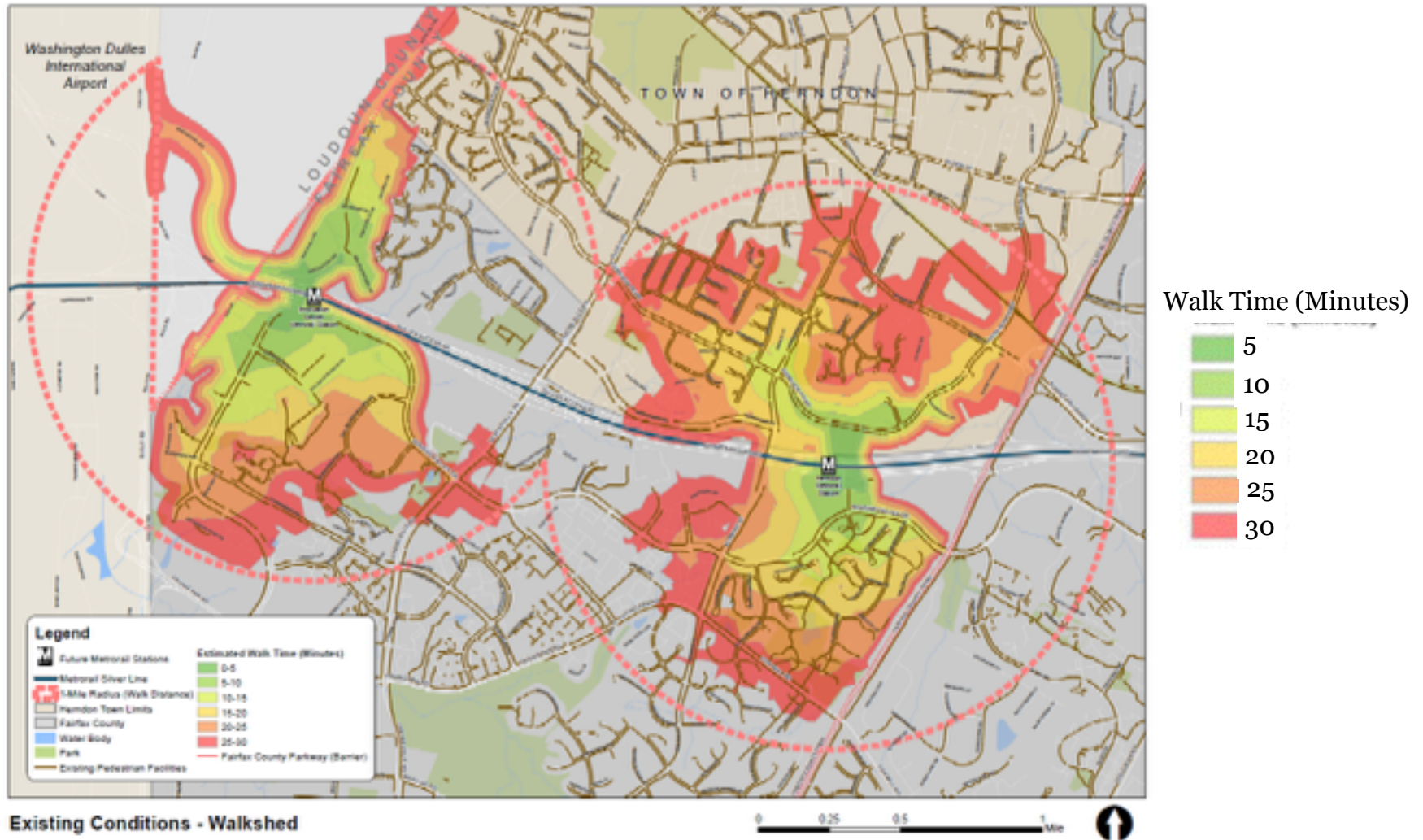
Public Outreach

- Present bicycle and pedestrian project recommendations
- Identify additional needs
- Prioritize improvements

Develop Station Access Management Plan

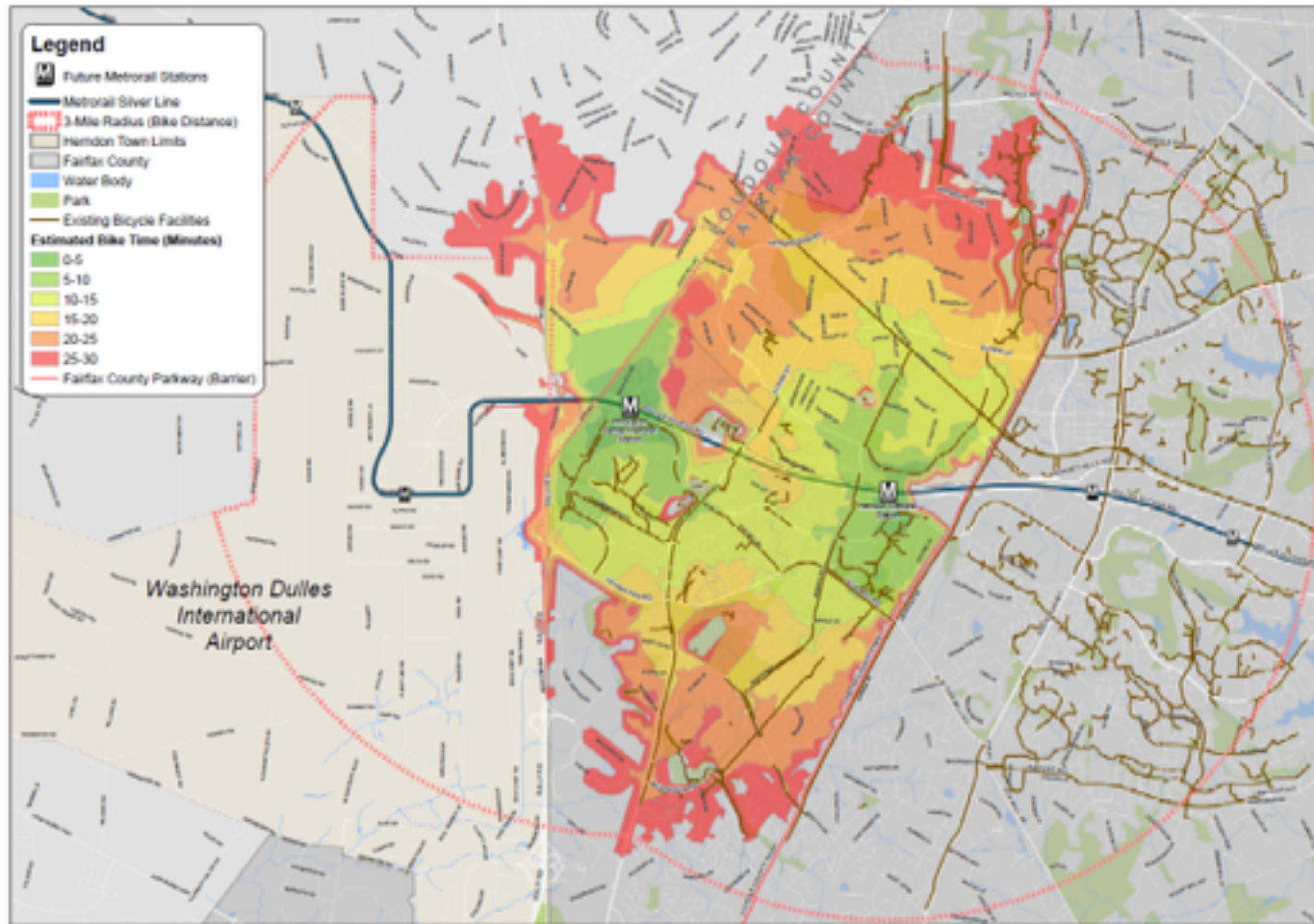


Existing Conditions - Pedestrian Walksheds

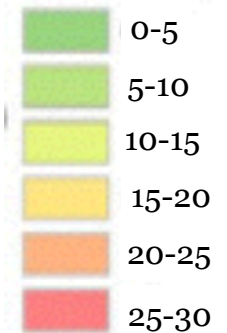




Existing Conditions - Bikeshed



Bike Time (Minutes)



Existing Conditions - Bikeshed

0 0.5 1 2 Miles





MAP BIKE AND PED IMPROVEMENT RECOMMENDATIONS

Intersections for Improvements: 14

Pedestrian Facility Improvements: 14

Bicycle Facility Improvements: 30

- 15 North of the Dulles Toll Road
- 15 South of the Dulles Toll Road

Bicycle Improvements North of DTR



Intersections for Improvements



Pedestrian Improvements



Bicycle Improvements South of DTR





PUBLIC OUTREACH-Public Workshops & Online Survey

- Participants were informed about:
 - existing bicycle and pedestrian facility conditions,
 - already funded bicycle and pedestrian facility improvements,
 - recommended bicycle and pedestrian facility improvements identified through the Bicycle Master Plan, Sidewalk Inventory and HMSAMS Advisory Group.
- Participants were asked to:
 - prioritize recommended bicycle and pedestrian facility improvements, and
 - recommend other improvements that haven't been identified.



PUBLIC OUTREACH-Public Workshops

- March 26th - Herndon Middle School
 - Approximately 50 people attended
 - 4 breakout groups
- March 31st - McNair Elementary School
 - Approximately 25 people attended
 - 2 breakout groups



Local Coverage in The Connection

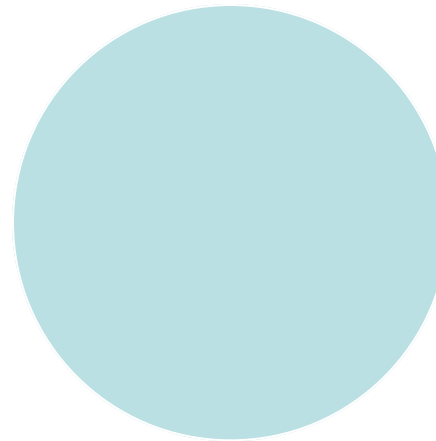


PUBLIC OUTREACH-Online Survey

Created through MetroQuest

Survey Live: March 24th through April 21st **Responses by Age**

Total Responses: 201





MAPPED INTERSECTIONS FOR IMPROVEMENTS

Herndon Metrorail Stations Access Management Study - MetroQuest

En Español Progress:

3 Priorities which projects would you pick?

Click Here For Possible Improvement Types (PDF)

Intersections Pedestrian Corridors Cycling (North) Cycling (South) Other Improvements


Which intersections would you like to prioritize for bicycle and pedestrian improvements?

For each intersection on the map that interests you:

Choose your **top 5** intersections you would like to improve.

Comments are optional.

Next



Map Satellite Google

Map Data Terms of Use Report a map error

WELCOME 2 TRAVELING HERNDON PRIORITIES 4 STAY INVOLVED

Share Facebook Twitter Email +

- 1 Sunrise Valley Dr/Roark Dr/Herndon Station South Entrance
- 2 Sunrise Valley Dr/Monroe St
- 3 Monroe St Mid-Block Crossing
- 4 Van Buren St/Worldgate Dr
- 5 Van Buren St/Herndon Parkway
- 6 Herndon Parkway/Herndon North Station Entrance
- 7 Centreville Rd Mid-Block Crossing
- 8 Centreville Rd/Elden St/Worldgate Dr
- 9 Sunrise Valley Dr/Fairfax County Parkway
- 10 Elden St/Herndon Parkway
- 11 Dulles Station Boulevard/Sunrise Valley Dr
- 12 Sayward Boulevard/Sunrise Valley Dr
- 13 Sunrise Valley Dr/Glen Echo Rd
- 14 Rock Hill Rd/Innovation Ave



MAPPED PEDESTRIAN IMPROVEMENTS

Herndon Metrorail Stations Access Management Study - MetroQuest

En Español

Progress:

WELCOME

2 TRAVELING HERNDON

3 PRIORITIES

4 STAY INVOLVED

✓

2

3

4

Priorities which projects would you pick?

[Click Here For Possible Improvement Types \(PDF\)](#)

Intersections

Pedestrian Corridors

Cycling (North)

Cycling (South)

Other Improvements

Which **pedestrian corridor projects** in the area are most important?
Projects denote connections and specific alignments will be developed at a later date.

For each project on the map that interests you:

Choose your **top 5** projects.

Comments are optional.

For your reference, existing and already funded bicycle and pedestrian projects in the study area are shown on the map.

Legend:

- Existing Pedestrian and Bicycle Facilities
- Funded Pedestrian and Bicycle Facilities

Other colors = Improvement Projects to Select

Map

Satellite

Map Data

Terms of Use

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- 1 Dulles Toll Rd/Monroe St Crossing
- 2 Worldgate Dr to Herndon Station
- 3 New Trail South and Parallel to Dulles Toll Rd
- 4 Downs Subdivision to Herndon Metro
- 5 Dulles Toll Rd/Centreville Rd
- 6 Sugarland Run Trail Extension to Herndon Station
- 7 Sunrise Valley Dr to Frying Pan Rd/Fox Mill Rd
- 8 Chandon Park to Worldgate Dr
- 9 Crossing on Trails South of Innovation Center Metro
- 10 Mosby Heights to Innovation Center Station
- 11 Grove St to Spring St
- 12 Centreville Rd to Innovation Center Station
- 13 Innovation Ave/Rock Hill Rd to Innovation Center Station
- 14 Virginia Ave to Mississippi Dr



MAPPED BICYCLE IMPROVEMENTS NORTH OF THE DULLES TOLL ROAD

Herndon Metrorail Stations Access Management Study - MetroQuest

En Español

Progress:

WELCOME

2 TRAVELING HERNDON

3 PRIORITIES

4 STAY INVOLVED

✓

2

3

4

Priorities Which projects would you pick?

Click Here For Possible Improvement Types (PDF)

IntersectionsPedestrian CorridorsCycling (North)Cycling (South)Other Improvements

Which **bicycle corridor projects in the NORTHERN area** are most important?
Projects denote connections and specific alignments will be developed at a later date.

For each project on the map that interests you:

Choose your **top 5** projects.

Comments are optional.

For your reference, existing and already funded bicycle and pedestrian projects in the study area are shown on the map.

Legend:

- Existing Pedestrian and Bicycle Facilities
- Funded Pedestrian and Bicycle Facilities
- Other colors = Improvement Projects to Select

Map Satellite

Map Data Terms of Use Report a map error

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help

- 1 Sugarland Run Trail Extension to Herndon Station
- 2 Van Buren St at W&OD Trail to Monroe St Bridge
- 3 Herndon Parkway from W&OD Trail to Van Buren St
- 4 Centreville Rd to Innovation Center Station
- 5 North-South Corridor from W&OD Trail to Herndon Pkwy
- 6 Chandon Park to Worldgate Dr
- 7 Downs Subdivision to Herndon Metro
- 8 East-West Corridor from Herndon Parkway to Van Buren St
- 9 Elden St from Baron Cameron Ave to W&OD Trail
- 10 Spring St from Van Buren St to Fairfax County Parkway
- 11 Mosby Heights to Innovation Center Station
- 12 Innovation Ave/Rock Hill Rd to Innovation Center Station
- 13 Folly Lick Branch Trail Extension to W&OD Trail
- 14 North-South Corridor from Dranesville Rd to Elden St
- 15 North-South Corridor from Kingston Chase to Sterling Rd



MAPPED BICYCLE IMPROVEMENTS SOUTH OF THE DULLES TOLL ROAD

Herndon Metrorail Stations Access Management Study - MetroQuest

En Español

Progress:

WELCOME

2 TRAVELING HERNDON

3 PRIORITIES

4 STAY INVOLVED

✓

2

3

4

Priorities which projects would you pick?

Click Here For Possible Improvement Types (PDF)

IntersectionsPedestrian CorridorsCycling (North)Cycling (South)Other Improvements

Which **bicycle corridor projects in the SOUTHERN area** are most important?
Projects denote connections and specific alignments will be developed at a later date.

For each project on the map that interests you:

- Choose your **top 5** projects.
- Comments are optional.

For your reference, existing and already funded bicycle and pedestrian projects in the study area are shown on the map.

Legend:

- Existing Pedestrian and Bicycle Facilities
- Funded Pedestrian and Bicycle Facilities
- Other colors = Improvement Projects to Select

Map Satellite

Map Data Terms of Use Report a map error

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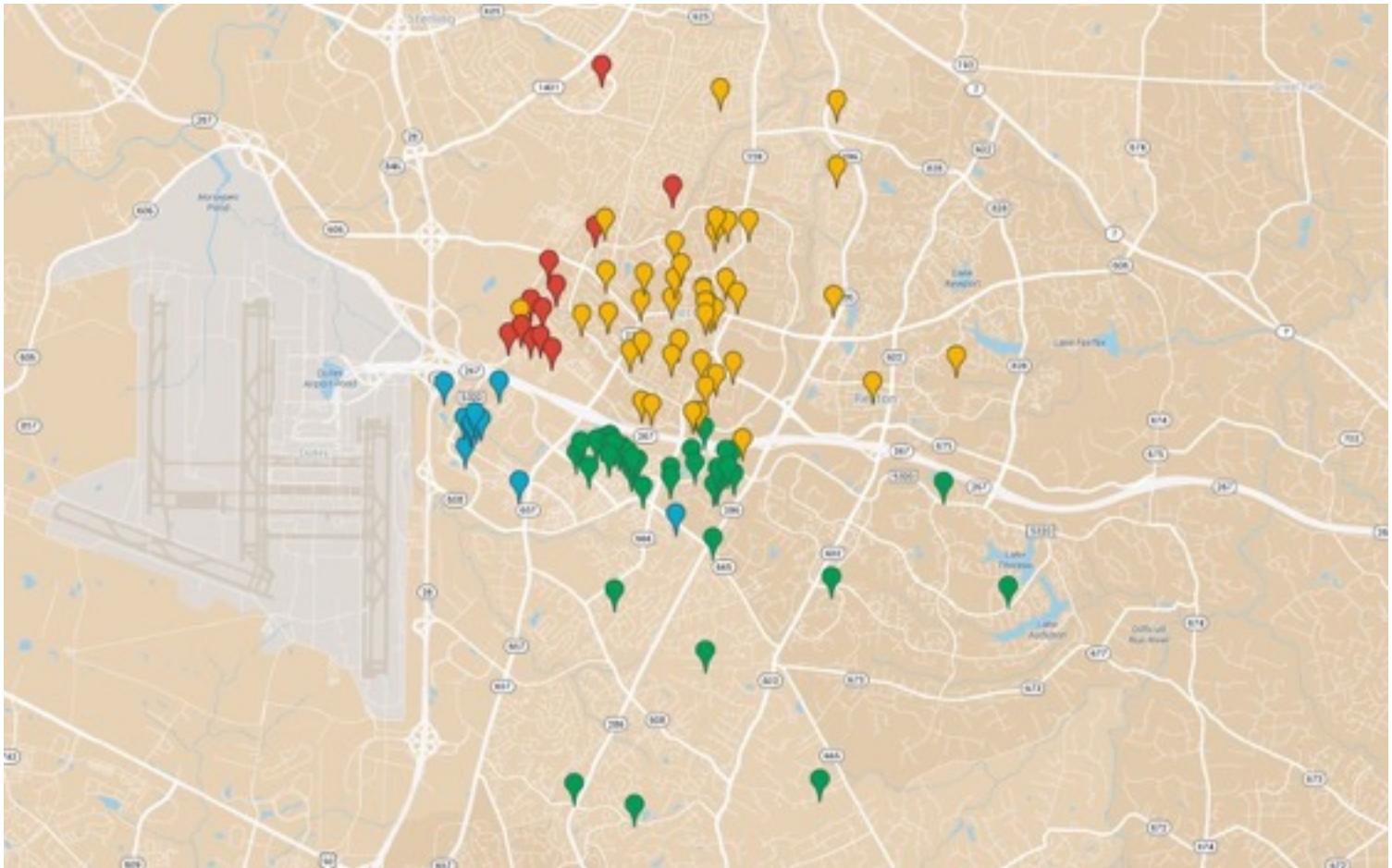
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- 1 Sunrise Valley Dr from Fairfax County Parkway to Innovation Center Station
- 2 Monroe St from south of Dulles Toll Rd to West Ox Rd
- 3 New Trail South and Parallel to Dulles Toll Rd
- 4 Dulles Toll Rd/Monroe St Crossing
- 5 Centreville Rd South of Dulles Toll Rd to McLearn Rd
- 6 Sunrise Valley Dr from Frying Pan Rd to Innovation Center Metro
- 7 Dulles Toll Rd/Centreville Rd
- 8 North-South Corridor along River Birch Rd and Dulles Technology Dr
- 9 Frying Pan Rd/Fox Mill Rd from Fairfax County Parkway to Sunrise Valley Dr
- 10 Coppermine Rd from Sunrise Valley Dr to Frying Pan Rd
- 11 Fox Mill Rd from Sunrise Valley Dr to Frying Pan Rd
- 12 Thomas Jefferson Dr/McNair Farms Dr
- 13 North-South Trail from West Ox Rd to Fox Mill Rd
- 14 West Ox Rd from Fairfax County Parkway to Centreville Rd
- 15 Trail from Horsepen Stream Valley Park to Frying Pan Rd



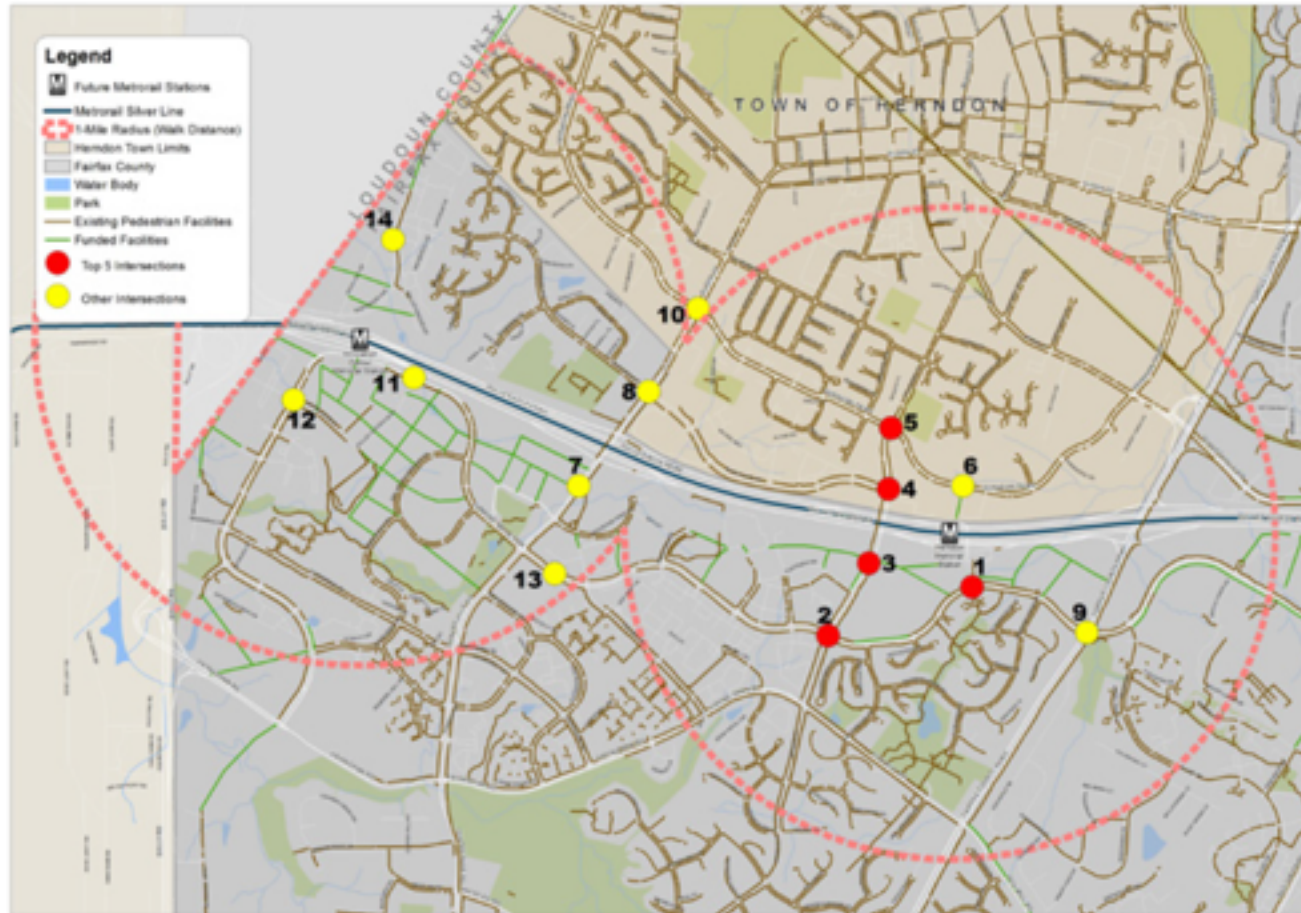
PUBLIC OUTREACH-Online Survey Response Locations

Herndon North Herndon South Innovation North Innovation South





RESULTS OF PUBLIC OUTREACH-Intersection Priorities



Public Ranking	Location
1	Sunrise Valley Drive/Roark Drive/Herndon Metrorail Station South Entrance
2	Sunrise Valley Drive/Monroe Street
3	Monroe Street Mid-Block Crossing
4	Van Buren Street/Worldgate Drive
5	Van Buren Street/Herndon Parkway



RESULTS OF PUBLIC OUTREACH-Intersection Priorities

Public Ranking	Location	Description
1	Sunrise Valley Drive/Roark Drive/Herndon Metrorail Station South Entrance	<ul style="list-style-type: none">Signal is within the footprint of the planned Herndon station
2	Sunrise Valley Drive/Monroe Street	<ul style="list-style-type: none">Upgrade crosswalks to high visibility blockBring crosswalk into median for pedestrian refugeReview signal timing for adequacy (for pedestrians)
3	Monroe Street Mid-Block Crossing	<ul style="list-style-type: none">Install new traffic signal at Monroe Street/Eastpark Drive intersection
4	Van Buren Street/Worldgate Drive	<ul style="list-style-type: none">Install crosswalk on fourth legInstall pedestrian signal heads for new crossingInstall ADA-compliant ramps for new crossingReview signal timing for adequacy (for pedestrians)
5	Van Buren Street/Herndon Parkway	<ul style="list-style-type: none">Reconfigure intersection including northbound right-turn lane with pedestrian accommodations at splitter island
6	Herndon Parkway/Herndon Metrorail Station North Entrance	<ul style="list-style-type: none">Add mid-block crossing and pedestrian-actuated signalConstruct sidewalk (10 feet) for access to Herndon Metrorail station North Entrance
7	Centreville Road Mid-Block Crossing	<ul style="list-style-type: none">Add mid-block crossing for pedestrian between Woodland Park Road and Dulles Toll Road

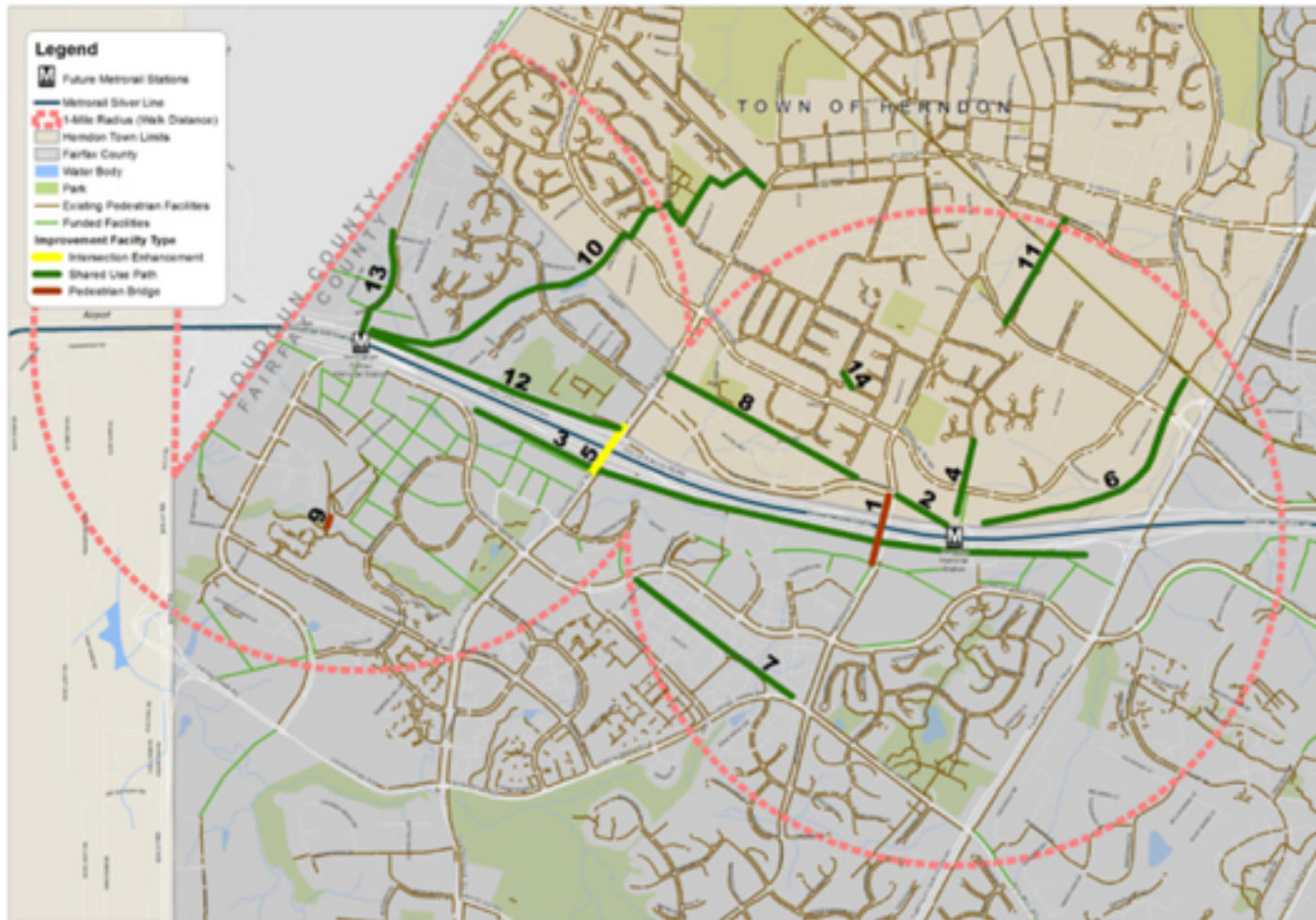


RESULTS OF PUBLIC OUTREACH-Intersection Priorities

Public Ranking	Location	Description
8	Centreville Road/Elden Street/Worldgate Drive	<ul style="list-style-type: none">Review signal timing for adequacy (for pedestrians)
9	Sunrise Valley Drive/Fairfax County Parkway	<ul style="list-style-type: none">Evaluate removal of protected right-turn pocket to improve pedestrian safety and accessibility
10	Elden Street/Herndon Parkway	<ul style="list-style-type: none">Review signal timing for adequacy (for pedestrians)Adjust crosswalks where feasible to add pedestrian refuge
11	Dulles Station Boulevard/Sunrise Valley Drive	<ul style="list-style-type: none">Install crosswalks (three legs)Install pedestrian-actuated signalInstall pedestrian refuges where feasible
12	Sayward Boulevard/Sunrise Valley Drive	<ul style="list-style-type: none">Install crosswalks (four legs)Install traffic signalModify ADA ramps where requiredInstall pedestrian refuges where feasible
13	Sunrise Valley Drive/Glen Echo Road	<ul style="list-style-type: none">Upgrade crosswalks to high visibility blockAdd pedestrian crossing signage (in-road signs to be considered)
14	Rock Hill Road/Innovation Avenue	<ul style="list-style-type: none">Install new traffic signal including pedestrian facilities (ramps, crosswalks, pedestrian signal heads, push buttons, etc.)Install pedestrian refuges where feasible



RESULTS OF PUBLIC OUTREACH-Pedestrian Improvement Priorities





RESULTS OF PUBLIC OUTREACH-Pedestrian Improvement Priorities

Public Ranking	Location	Proposed Facility Type	Description
1	Dulles Toll Road/ Monroe Street Crossing	Pedestrian and Bicycle Bridge	<ul style="list-style-type: none">Standalone bridge structure (approximately 400 feet) along Monroe Street across Dulles Toll Road to east of northbound travel lanesNew structure (12-foot-wide deck) parallel to existing bridge to accommodate bikes and pedestrians
2	Worldgate Drive to Herndon Metrorail Station	Shared-Use Path	<ul style="list-style-type: none">10-foot-wide shared-use path (1,000 feet) from base of Herndon Metrorail station to intersectionLighting and wayfinding
3	New Trail South and Parallel to Dulles Toll Road	Shared-Use Path	<ul style="list-style-type: none">10-foot shared-use paths:<ul style="list-style-type: none">Innovation Center to Centreville Road (4,000 feet)Centreville Road to Monroe Street (4,600 feet)Monroe Street to east of Herndon Metrorail Station (1,000 feet)East of Herndon Metrorail Station to Fairfax County Parkway (2,000 feet)
4	Downs Subdivision to Herndon Metrorail Station	Shared-Use Path	<ul style="list-style-type: none">10-foot shared-use path between parking lot and subdivision (100 feet)Lighting and wayfinding
5	Dulles Toll Road/ Centreville Road	Intersection Enhancement	<ul style="list-style-type: none">Maintain pedestrian connectivity and enhance existing pedestrian facilities with improved lighting, additional crosswalk on north side at westbound Dulles Toll Road ramps
6	Sugarland Run Trail Extension to Herndon Metrorail Station	Ramps and Sidewalk Enhancements	<ul style="list-style-type: none">Pave ramps from W&OD Trail (600 feet), crosswalk enhancements, sidewalk improvements to accommodate path
		Shared-Use Path	<ul style="list-style-type: none">10-foot shared-use path extension to transition to shared-use path,
7	Sunrise Valley Drive to Frying Pan Road/Fox Mill Road	Shared-Use Path	<ul style="list-style-type: none">8-foot shared-use path (3,300 feet) on existing buffer strip widthLighting

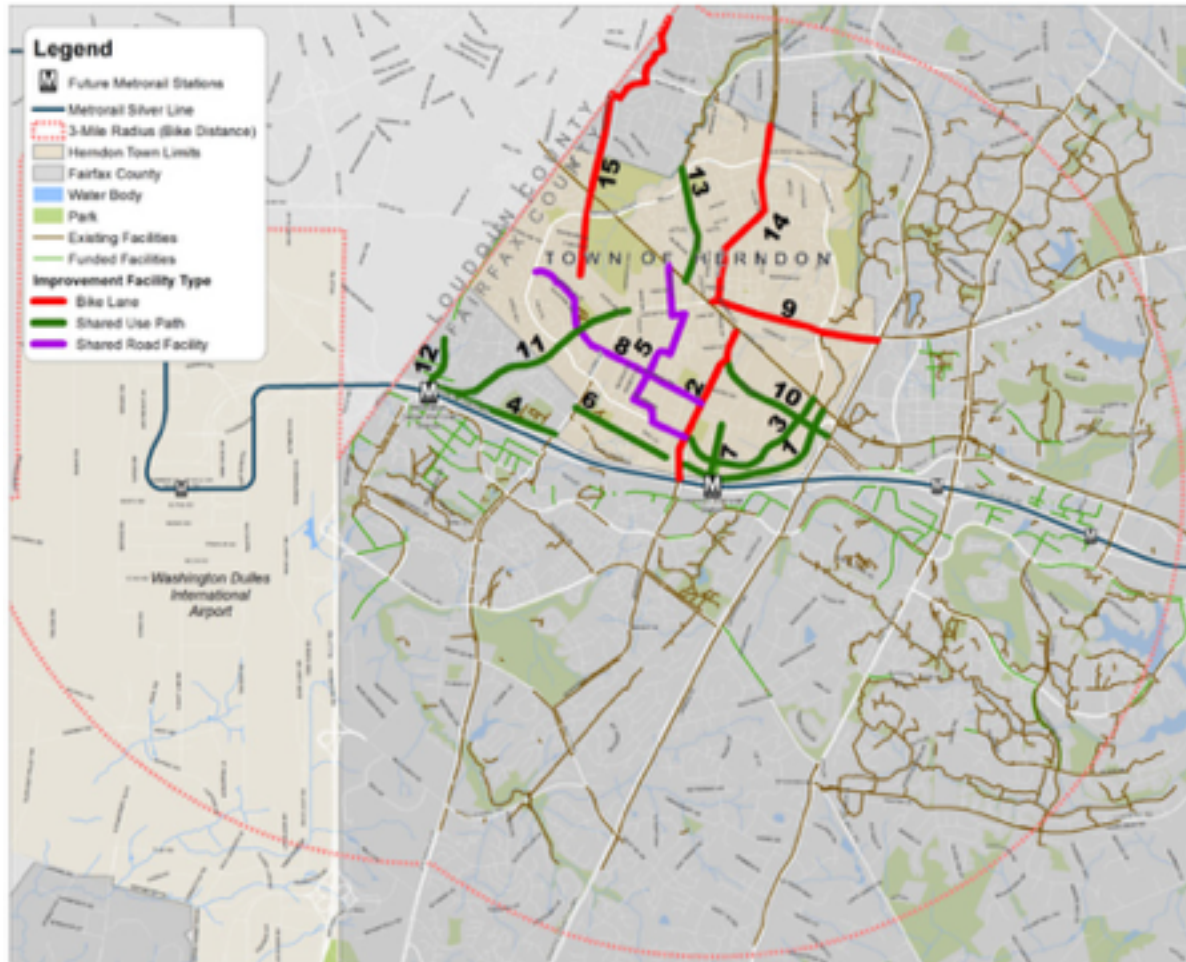


RESULTS OF PUBLIC OUTREACH-Pedestrian Improvement Priorities

Public Ranking	Location	Proposed Facility Type	Description
8	Chandon Park to Worldgate Drive	Shared-Use Path	<ul style="list-style-type: none">8-foot shared-use path (3,400 feet) on existing buffer strip widthLighting
9	Crossing on Trails South of Innovation Center Metro Station	Pedestrian Bridge	<ul style="list-style-type: none">Supplement existing fair weather crossing with a pedestrian bridge (100 feet) over the creek
10	Mosby Heights to Innovation Center Metrorail Station	Shared-Use Path	<ul style="list-style-type: none">Innovation Center to Herndon Parkway (5,000 feet) 10-foot shared-used path with lighting
		Sharrows	<ul style="list-style-type: none">Herndon Parkway to Alabama Drive via Autumn Place (1,500 feet) – Sharrows in neighborhood transition to shared-use path
		Shared-Use Path	<ul style="list-style-type: none">Alabama Drive to Sterling Drive (1,500 feet) - 10-foot shared-used path with lighting behind baseball field
		Sharrows	<ul style="list-style-type: none">Sterling Drive (500 feet) - Sharrows in neighborhood transition to multiuse path
11	Grove Street to Spring Street	Shared-Use Path	<ul style="list-style-type: none">10-foot asphalt path to formalize existing multiuse path between properties
12	Centreville Road to Innovation Center Metrorail Station	Shared-Use Path	<ul style="list-style-type: none">10-foot multiuse pathLighting and wayfinding
13	Innovation Avenue/ Rock Hill Road to Innovation Center Metrorail Station	Shared-Use Path	<ul style="list-style-type: none">6-foot multiuse path to close sidewalk gapLighting and wayfinding
14	Virginia Avenue to Mississippi Drive	Shared-Use Path	<ul style="list-style-type: none">8-foot multiuse path between neighborhoodsLighting and wayfinding



RESULTS OF PUBLIC OUTREACH-Bicycle Improvement Priorities North of the Dulles Toll Road





RESULTS OF PUBLIC OUTREACH-Bicycle Improvement Priorities North of the Dulles Toll Road

Public Ranking ²	Location	Proposed Facility Type	Description
1*	Sugarland Run Trail Extension to Herndon Metrorail Station	Ramps and Sidewalk Enhancements	<ul style="list-style-type: none">◦ Pave ramps from W&OD Trail (600 feet)◦ Crosswalk enhancements at hotel◦ Sidewalk improvements to path
		Shared-Use Path	<ul style="list-style-type: none">◦ 10-foot multiuse path extension to transition to shared-use path
2	Van Buren Street at W&OD Trail to Monroe Street Bridge	Bike Lane	<ul style="list-style-type: none">◦ Bike lane for full length of segment (5,500 feet)
3	Herndon Parkway from W&OD Trail to Van Buren Street	Shared-Use Path	<ul style="list-style-type: none">◦ 10-foot multiuse path with lighting on south side of Herndon Parkway (6,000 feet)
4*	Centreville Road to Innovation Center Metrorail Station	Shared-Use Path	<ul style="list-style-type: none">◦ 10-foot multiuse path◦ Lighting and wayfinding
5	North-South Corridor from W&OD Trail to Herndon Parkway	Shared Road Facility	<ul style="list-style-type: none">◦ W&OD Trail to Herndon Parkway via Grace Street, Locust Street, Florida Avenue, and Palmer Drive◦ Sharrows with pavement markings and wayfinding (8,000 feet)
6*	Chandon Park to Worldgate Drive	Shared-Use Path	<ul style="list-style-type: none">◦ 8-foot multiuse path (3,400 feet) on existing buffer strip width◦ Lighting and wayfinding
7*	Downs Subdivision to Herndon Metrorail Station	Shared-Use Path	<ul style="list-style-type: none">◦ 10-foot multiuse path between parking lot and subdivision (100 feet)◦ Lighting and wayfinding

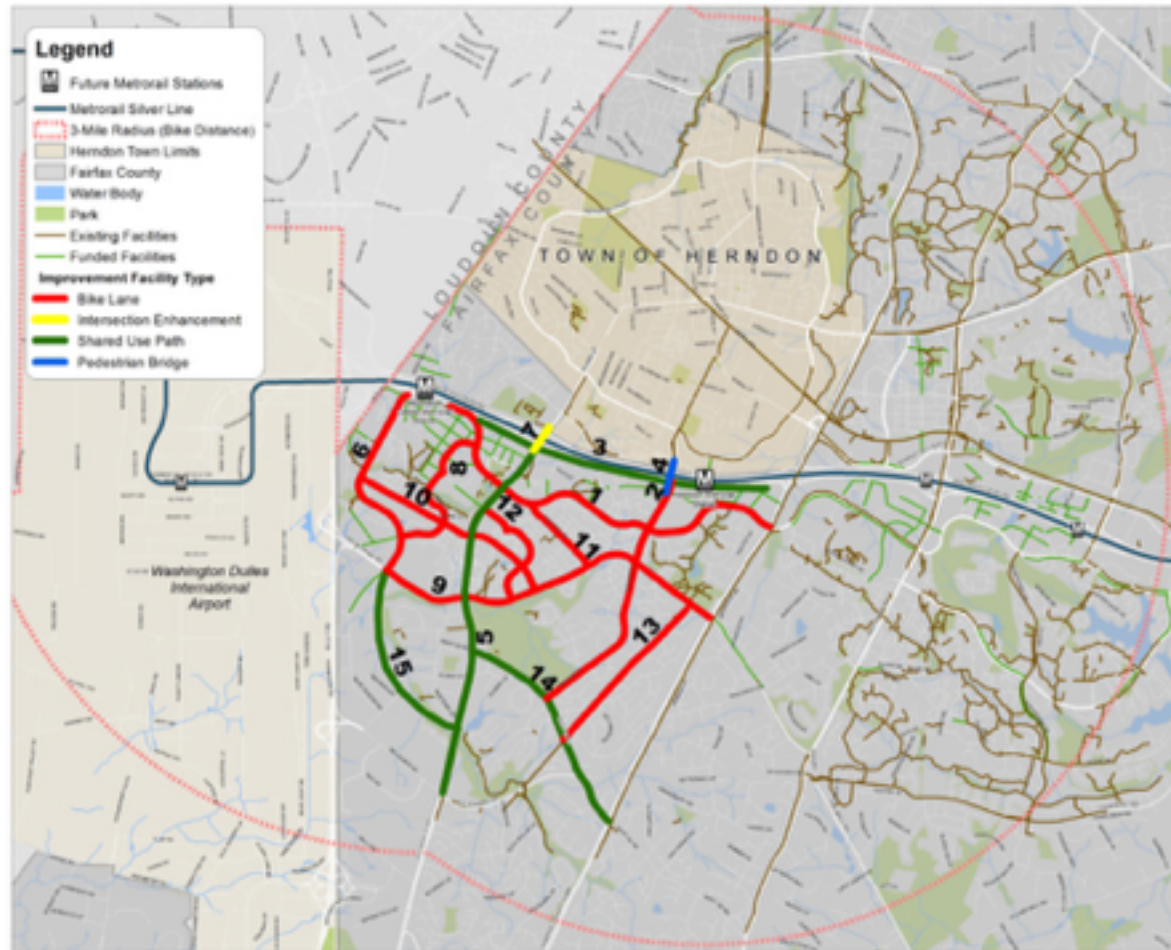


RESULTS OF PUBLIC OUTREACH-Bicycle Improvement Priorities North of the Dulles Toll Road

Public Ranking ²	Location	Proposed Facility Type	Description
8	East-West Corridor from Herndon Parkway to Van Buren Street	Shared Road Facility	<ul style="list-style-type: none"> Herndon Parkway to Van Buren Street via Alabama Drive and Magnolia Lane Sharrows with pavement markings and wayfinding (7,700 feet)
9	Elden Street from Baron Cameron Avenue to W&OD Trail	Bike Lane	<ul style="list-style-type: none"> Baron Cameron Avenue to Monroe Street (5,400 feet)
10	Spring Street from Van Buren Street to Fairfax County Parkway	Bike Lane	<ul style="list-style-type: none"> Fairfax County Parkway to Herndon Parkway - 1,000 feet
		Sharrows	<ul style="list-style-type: none"> Herndon Parkway to Victory Drive - 1,000 feet
		Bike Lane	<ul style="list-style-type: none"> Victory Drive to Van Buren Street - 2,500 feet
11*	Mosby Heights to Innovation Center Metrorail Station	Shared-Use Path	<ul style="list-style-type: none"> Innovation Center to Herndon Parkway (5,000 feet) 10-foot multiuse path with lighting
		Sharrows	<ul style="list-style-type: none"> Herndon Parkway to Alabama Drive via Autum Place (1,500 feet) - Sharrows in neighborhood transition to multiuse path
		Shared-Use Path	<ul style="list-style-type: none"> Alabama Drive to Sterling Drive (1,500 feet) - 100-foot multiuse path with lighting behind baseball field
		Sharrows	<ul style="list-style-type: none"> Sterling Drive (500 feet) - Sharrows in neighborhood transition to multiuse path
12*	Innovation Avenue/Rock Hill Road to Innovation Center Metrorail Station	Shared-Use Path	<ul style="list-style-type: none"> 6-foot multiuse trail to close sidewalk gap Lighting and wayfinding
13	Folly Lick Branch Trail Extension to W&OD Trail	Shared-Use Path	<ul style="list-style-type: none"> Off-road 10-foot multiuse path (4,000 feet)
14	North-South Corridor from Dranesville Road to Elden Street	Bike Lane	<ul style="list-style-type: none"> Bennet Street to Tyler Street (3,000 feet)
		Sharrows	<ul style="list-style-type: none"> Tyler Street to Elden Street (3,500 feet)
15	North-South Corridor from Kingston Chase to Sterling Road	Bike Lane	<ul style="list-style-type: none"> Bike lane for full length of segment (10,000 feet)



RESULTS OF PUBLIC OUTREACH-Bicycle Improvement Priorities South of the Dulles Toll Road





RESULTS OF PUBLIC OUTREACH-Bicycle Improvement Priorities South of the Dulles Toll Road

Public Ranking	Location	Proposed Facility Type	Description
1	Sunrise Valley Drive from Fairfax County Parkway to Innovation Center Metrorail Station	Bike Lane	<ul style="list-style-type: none"> • Bike lane (15,000 feet)
2	Monroe Street from South of Dulles Toll Road to West Ox Road	Shared-Use Path	<ul style="list-style-type: none"> • 10-foot shared-use trail (5,000 feet)
		Bike Lane	<ul style="list-style-type: none"> • Bike lane (3,000 feet)
3*	New Trail South and Parallel to Dulles Toll Road	Shared-Use Path	<ul style="list-style-type: none"> • 10-foot multiuse paths: <ul style="list-style-type: none"> • Innovation Center to Centreville Road (4,000 feet) • Centreville Road to Monroe Street (4,600 feet) • Monroe Street to east of Herndon Metro Station (1,000 feet) • East of Herndon Metro Station to Fairfax County Parkway (2,000 feet)
4*	Dulles Toll Road/Monroe Street Crossing	Pedestrian and Bicycle Bridge	<ul style="list-style-type: none"> • Standalone bridge structure (approximate 400 feet) along Monroe Street across Dulles Toll Road to east of northbound travel lanes • New structure (12-foot-wide deck) parallel to existing bridge to accommodate bikes and pedestrians
5	Centreville Road South of Dulles Toll Road to McLearen Road	Shared-Use Path	<ul style="list-style-type: none"> • 10-foot multiuse path (13,000 feet)
6	Sunrise Valley Drive from Frying Pan Road to Innovation Center Metro Station	Bike Lane	<ul style="list-style-type: none"> • Bike lane (7,500 feet)
7*	Dulles Toll Road/ Centreville Road	Intersection Enhancement	<ul style="list-style-type: none"> • Maintain pedestrian connectivity and enhance existing pedestrian facilities with improved lighting • Additional crosswalk on north side at westbound Dulles Toll Road ramps
8	North-South Corridor along River Birch Road and Dulles Technology Drive	Bike Lane	<ul style="list-style-type: none"> • Bike lane (5,500 feet)



RESULTS OF PUBLIC OUTREACH-Bicycle Improvement Priorities South of the Dulles Toll Road

Public Ranking	Location	Proposed Facility Type	Description
9	Frying Pan Road/Fox Mill Road from Fairfax County Parkway to Sunrise Valley Drive	Bike Lane	<ul style="list-style-type: none">◦ Sunrise Valley to Centreville Rd (2,800 feet)◦ Centreville Road to Fairfax County Parkway (6,300 feet)
10	Coppermine Road from Sunrise Valley Drive to Frying Pan Road	Bike Lane	<ul style="list-style-type: none">◦ Bike lane (7,300 feet)
11	Fox Mill Road from Sunrise Valley Drive to Frying Pan Road	Bike Lane	<ul style="list-style-type: none">◦ Bike lane (3,000 feet)
12	Thomas Jefferson Drive/McNair Farms Drive	Bike Lane	<ul style="list-style-type: none">◦ Bike lane with pavement markings (4,500 feet)
13	North-South Trail from West Ox Road to Fox Mill Road	Bike Lane	<ul style="list-style-type: none">◦ 10-foot off-road shared-use trail (7,500 feet)
14	West Ox Road from Fairfax County Parkway to Centreville Road	Shared-Use Path	<ul style="list-style-type: none">◦ Shared-use path (8,000 feet)
15	Trail from Horsepen Stream Valley Park to Frying Pan Road	Shared-Use Path	<ul style="list-style-type: none">◦ Approximately 6,000-foot off-road multiuse path



RESULTS OF PUBLIC OUTREACH-Project Locations

Location of HMSAMS Projects			
Improvement Type	Fairfax County	Town of Herndon	Fairfax County & Town of Herndon
Intersection Improvements	9	4	1
Pedestrian Facility Improvements	7	7	1
Bicycle Facility Improvements	17	11	2
Total Projects:	33	22	4



MOST POPULAR COMMENTS

- Need easier and safer crossings for pedestrians and bicyclists at Sunrise Valley Drive & Fairfax County Parkway
- Need better crossing at Dulles Toll Road and Centreville Road
- Need more lighting and better sidewalk access to Innovation Center station
- Bike lanes on Van Buren Street between W&OD Trail and Herndon Parkway
- Need more off-street connections, including Downs Subdivision to Herndon Station, Rock Hill Road to Innovation
- Better landscaping and buffers along sidewalks



Next Steps

- HMSAMS Final Report has been completed (Includes Station Access Management Plans),
- Approximately \$21,000,000 dedicated to HMSAMS projects in the BOS Six-Year Transportation Program.
- Station Access Management Plans, and recommended improvements, will be further evaluated by FCDOT Staff to recommend projects for funding to the BOS,
- Begin design of highest priority projects.



QUESTIONS?

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