

HERNDON METRORAIL STATIONS ACCESS MANAGEMENT STUDY (HMSAMS)

Study Overview



The **Herndon Metrorail Stations Access Management Study (HMSAMS)** is a collaborative effort, led by the Fairfax County Department of Transportation (FCDOT), to develop a plan for pedestrian and bicycle facility improvements designed to improve access to and around the future Herndon and Innovation Center Metrorail stations.



This plan will serve as a tool for Fairfax County and the Town of Herndon to invest in bicycle and pedestrian improvements to support the Silver Line Metrorail's arrival in western Fairfax County and the Town of Herndon.

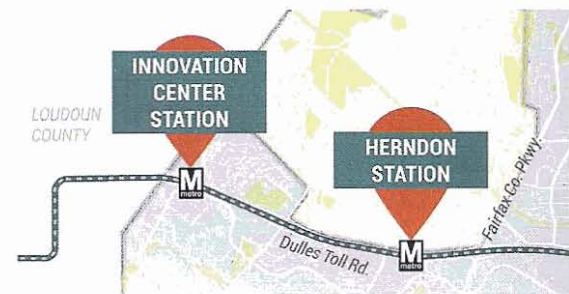


A 16-member HMSAMS Advisory Group was established to represent the diverse interests of the area, identify necessary pedestrian and bicycle facility improvements, and help guide the study's direction.

Study Area

The future Herndon and Innovation Center Metrorail stations will be located in Fairfax County.

- For pedestrian improvements, the HMSAMS study area within Fairfax County extends to a 1-mile radius of the future Herndon and Innovation Center Metrorail station locations.
- For bicycle facility improvements, the HMSAMS study area within Fairfax County extends to a 3-mile radius of the future Herndon and Innovation Center Metrorail station locations.



Public Outreach



Public Workshops

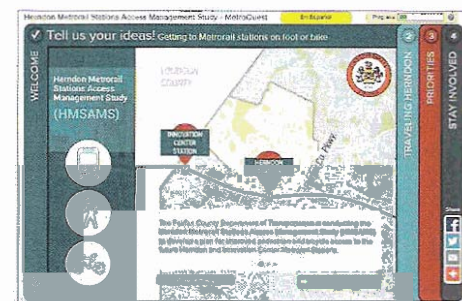
HMSAMS included a strong public outreach component to understand accessibility issues and community desires within the study area. Two rounds of public meetings were held for the project. The first round consisted of two meetings in March 2014, one each in the Dranesville and Hunter Mill Supervisor Districts, designed to collect input on recommended pedestrian and bicycle

improvements. A third meeting was held in June 2014 to inform the public of the HMSAMS survey results and final recommendations.

Online Survey Tool

MetroQuest, an interactive online community engagement platform, was used to gather input on desired pedestrian and bicycle improvements.

Based on public outreach information collected, the project team worked with staff from Fairfax County and the Town of Herndon to identify potential facility types for the public's prioritized projects. This effort considered previously completed studies and plans (e.g. County Bicycle Master Plan, Herndon Metro Station Area Plan). Results are shown in the following pages of this handout.



Using MetroQuest, 208 participants provided details about their travel patterns and priorities in the study area.





HMSAMS Survey Results

In the MetroQuest online survey, participants were asked which improvements they would prioritize for bicycle and pedestrian improvements. These maps show the public priorities ranked alongside the recommended facility type identified by county and town staff. Connections shown are for planning purposes only and additional engineering evaluation is required for each individual project.



Pedestrian Corridor Improvements

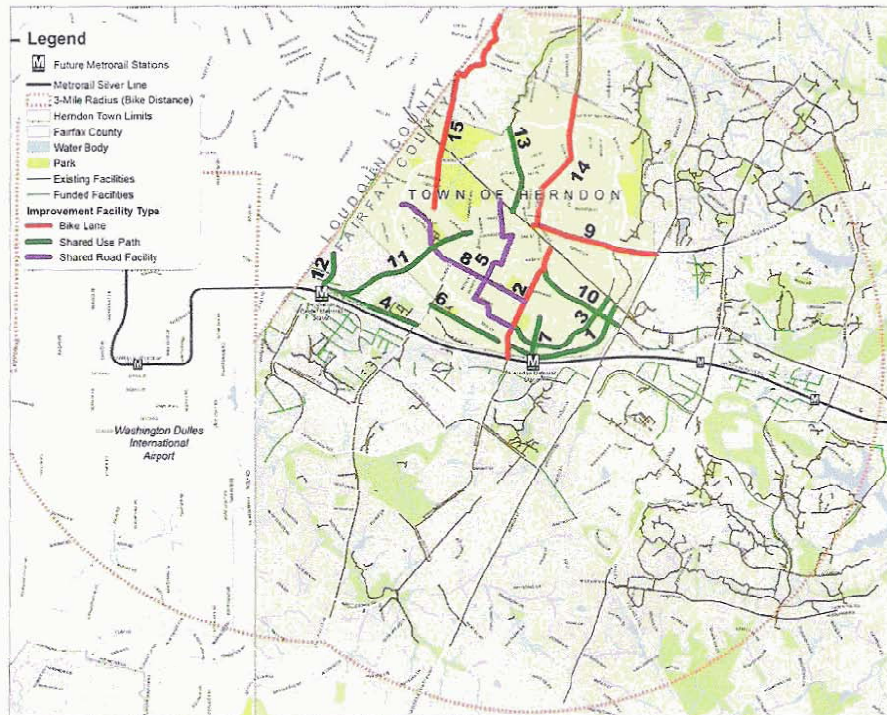


Which pedestrian corridor projects in the area are most important?

Rank	Pedestrian Corridor Improvement Options	Recommended Facility Type
1	Dulles Toll Rd./Monroe St. Crossing	Pedestrian Bridge
2	Worldgate Dr. to Herndon Station	Shared Use Path
3	New Trail South and Parallel to Dulles Toll Rd.	Shared Use Path
4	Downs Subdivision to Herndon Metro	Shared Use Path
5	Dulles Toll Rd./Centreville Rd.	Intersection Enhancement
6	Sugarland Run Trail Extension to Herndon Station	Shared Use Path
7	Sunrise Valley Dr. to Frying Pan Rd./Fox Mill Rd.	Shared Use Path
8	Chandon Park to Worldgate Dr.	Shared Use Path
9	Crossing on Trails South of Innovation Center Metro	Pedestrian Bridge
10	Mosby Heights to Innovation Center Station	Shared Use Path
11	Grove St. to Spring St.	Shared Use Path
12	Centreville Rd. to Innovation Center Station	Shared Use Path
13	Innovation Ave./Rock Hill Rd. to Innovation Center Station	Shared Use Path
14	Virginia Ave to Mississippi Dr.	Shared Use Path



Bicycle North Improvements



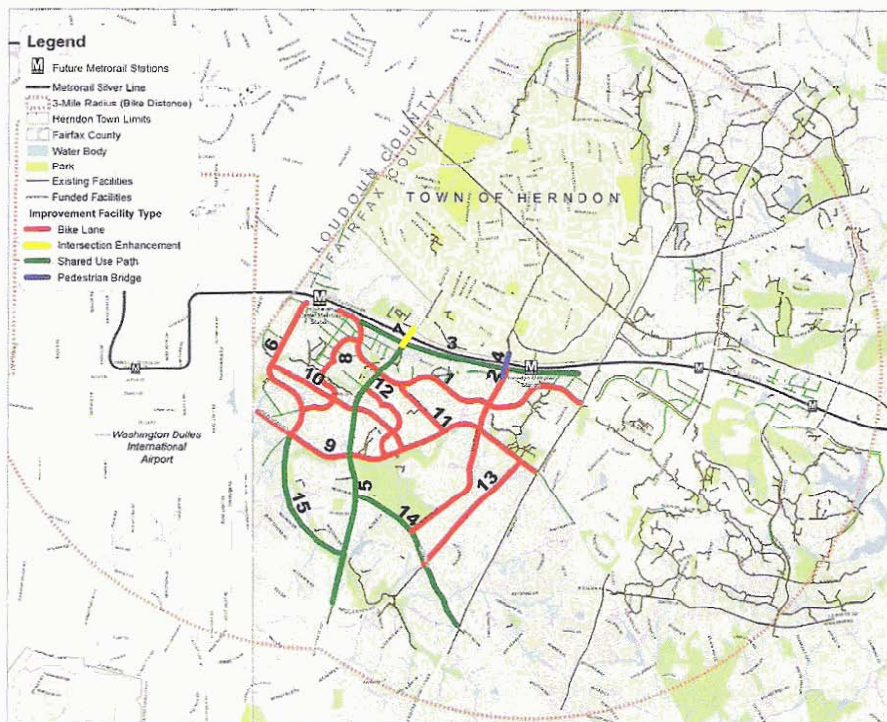
Public Ranked Bicycle Corridor Improvements (Northern Area)



Which bicycle corridor projects in the NORTHERN area are most important?

Rank	Bicycle Corridor Improvement Options (Northern Area)	Recommended Facility Type
1	Sugarland Run Trail Extension to Herndon Station	Shared Use Path
2	Van Buren St. at W&OD Trail to Monroe St. Bridge	Bike Lane
3	Herndon Parkway from W&OD Trail to Van Buren St.	Shared Use Path
4	Centreville Rd. to Innovation Center Station	Shared Use Path
5	North-South Corridor from W&OD Trail to Herndon Parkway	Shared Rd Facility
6	Chandon Park to Worldgate Dr.	Shared Use Path
7	Downs Subdivision to Herndon Metro	Shared Use Path
8	East-West Corridor from Herndon Parkway to Van Buren St.	Shared Rd Facility
9	Elden St. from Baron Cameron Ave. to W&OD Trail	Bike Lane
10	Spring St. from Van Buren St. to Fairfax County Parkway	Shared Use Path
11	Mosby Heights to Innovation Center Station	Shared Use Path
12	Innovation Ave./Rock Hill Rd. to Innovation Center Station	Shared Use Path
13	Folly Lick Branch Trail Extension to W&OD Trail	Shared Use Path
14	North-South Corridor from Dranesville Rd. to Elden St.	Bike Lane
15	North-South Corridor from Kingstown Chase to Sterling Rd.	Bike Lane

Bicycle South Improvements



Public Ranked Bicycle Corridor Improvements (Southern Area)



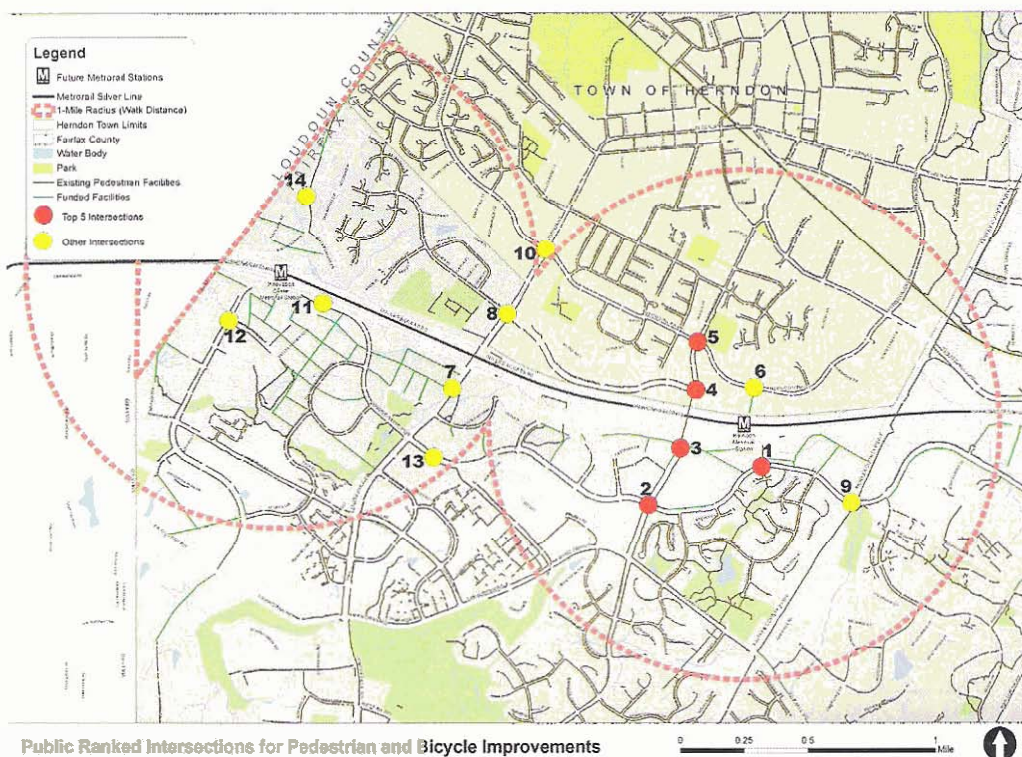
Which bicycle corridor projects in the SOUTHERN area are most important?

Rank	Bicycle Corridor Improvement Options (Southern Area)	Recommended Facility Type
1	Sunrise Valley Dr. from Fairfax County Parkway to Innovation Center Station	Bike Lane
2	Monroe St. from south of Dulles Toll Rd. to West Ox Rd.	Bike Lane
3	New Trail South and Parallel to Dulles Toll Rd.	Shared Use Path
4	Dulles Toll Rd./Monroe St. Crossing	Pedestrian Bridge
5	Centreville Rd. South of Dulles Toll Rd. to McLearn Rd.	Shared Use Path
6	Sunrise Valley Dr. from Frying Pan Rd. to Innovation Center Metro	Bike Lane
7	Dulles Toll Rd./Centreville Rd.	Intersection Enhancement
8	North-South Corridor along River Birch Rd and Dulles Technology Dr.	Bike Lane
9	Frying Pan Rd./Fox Mill Rd. from Fairfax County Parkway to Sunrise Valley Dr.	Bike Lane
10	Coppermine Rd. from Sunrise Valley Dr. to Frying Pan Rd.	Bike Lane
11	Fox Mill Rd. from Sunrise Valley Dr. to Frying Pan Rd.	Bike Lane
12	Thomas Jefferson Dr./McNair Farms Dr.	Bike Lane
13	North-South Trail from West Ox Rd. to Fox Mill Rd.	Bike Lane
14	West Ox Rd. from Fairfax County Parkway to Centreville Rd.	Shared Use Path
15	Trail from Horsepen Stream Valley Park to Frying Pan Rd.	Shared Use Path

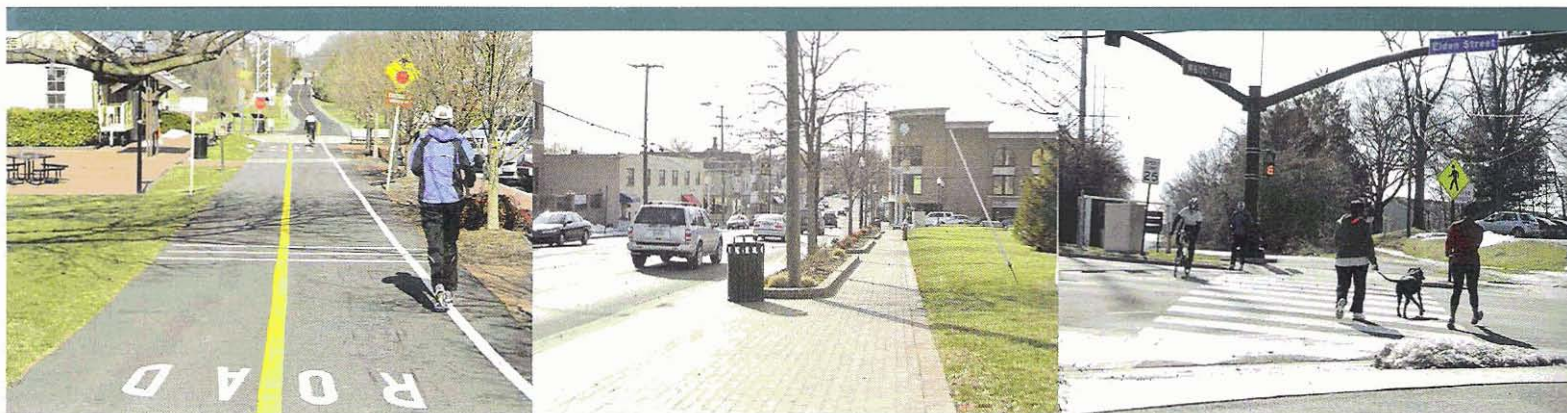
HMSAMS Survey Results (continued)

Intersection Improvements

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



Rank	Intersection Improvements
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.



Next Steps

The Station Access Management Plan will be a compilation of efforts to identify public priorities. The final plan will include conceptual costs and implementation strategie and will be completed in July 2014. The county and town will use the plan as a tool to prioritize bicycle and pedestrian projects in the station areas, with a goal of addressing as many bicycle and pedestrian access issues as possible prior to the opening of Phase 2 of the Silver Line. The county and town will complete further analysis of individual projects, including feasibility, engineering, and design, to determine which projects to recommend for funding to the Board of Supervisors.



A Fairfax County,
Va., publication
June 2014