



## MEMORANDUM

**Date:** January 26, 2014  
**To:** Scott Prisco  
**Organization:** Arlington Public Schools  
**From:** Diane Lambert, Senior Planner and Alia Anderson, Deputy Director of Planning, Toole Design Group  
**Project:** APS GO! Transportation Demand Management Master Plan  
**Re:** Task 2.3: Multimodal Access Opportunity Scores

### Introduction

The APS GO! Initiative will result in a set of proposed transportation demand management (TDM) strategies that will help reduce congestion, improve sustainability and increase the efficiency of the APS transportation system. Although the goal of the APS GO! Plan is to develop division-wide TDM strategies, it is important to acknowledge that not all sites/schools have the same opportunity for increased walking, bicycle and transit trips. A range of characteristics specific to each site will influence how people travel to that site, including:

- “Permanent” physical conditions, like the geographic location of the site and major physical barriers in the area,
- “Variable” local conditions like the presence of crossing guards and crosswalks, and
- “Cultural” elements like education and encouragement programs offered at school.

The APS GO! planning process included an analysis of data from 41 APS sites, including both school and non-school sites, but it was beyond the scope of this project to develop site-specific program and improvement recommendations for individual locations.<sup>1</sup> To gain a general understanding of how a site’s physical surroundings might support or inhibit TDM, Toole Design Group developed a Multimodal Access Opportunity scoring system for the sites. These scores will be used to help APS set realistic performance targets in the next stage of this project.

The Multimodal Access Opportunity Scores (hereafter “Opportunity Scores”) focused on the “permanent” conditions described above and were designed to get a sense of each site’s opportunity for multimodal transportation. A simple set of criteria was used to develop two Opportunity Scores for each site: a Walk/Bike Score and a Transit/Bike Share Score. The goal was not to measure everything that might have an impact on people’s travel choices, but instead to identify a few, simple criteria that mostly likely play a significant role in determining how students and staff travel to each site. Because the goal was to focus on “permanent” physical conditions (rather than those that are more likely to change from year to year), factors like existing Safe Routes to

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<sup>1</sup> Site-specific recommendations for programs and infrastructure improvements are typically developed as part of a school travel plan, involving extensive field work, outreach to the school community and an engineering review of the environs. The APS GO! plan will include a recommended process for developing individual school transportation plans in the future.

School Programs, the presence of crossing guards, the presence of “school zone” signs or other minor infrastructure was not a factor in the score. Similarly, because the focus was on *potential* for multimodal transportation, current travel habits of students and staff are not a part of the score (scores are not designed or intended to measure how “well” a site is currently doing with regard to multimodal transportation).

The inputs used to calculate the scores came from APS data and from a field scan of each site, conducted by Toole Design Group (TDG) in October 2013. The criteria and point system used for the scores is presented in Tables 1 and 2. Table 3 shows the resulting scores for each APS site.

**TABLE 1 - WALK/BIKE SCORE: CRITERIA AND METRICS**

**TRIP DISTANCES**

<b>Site Catchment Area</b> A general estimate of how far people have to travel to get to the site	MAX 3 POINTS	3 pts = neighborhood school 2 pts = school with some countywide options 1 pts = countywide school / non-school site
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**BIKE NETWORK**

<b>Bike Score</b> From walkscore.com, based on bike lanes, hills, destinations and road connectivity, and bike commuting mode share	MAX 4 POINTS	(Quartiles) 4 pts: 81-100 3 pts: 72-80 2 pts: 64-71 1 pts: 0-63
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**ACCESS\***

<b>Barrier: Topography</b> From field scan conducted by TDG	MAX 4 POINTS	4 pts = flat 1 pts = steep hills in all directions
<b>Barrier: Major Streets</b> From field scan conducted by TDG	MAX 4 POINTS	4 pts = none minus one for each uncomfortable street minus two for each very uncomfortable street
<b>Barrier: Major or Difficult Intersections</b> From field scan conducted by TDG	MAX 4 POINTS	4 pts = none minus one for each uncomfortable intersection minus two for each very uncomfortable intersection
<b>Barrier: Streams/Rivers</b> From field scan conducted by TDG	MAX 4 POINTS	4 pts = none minus one for each stream/river that inhibits access
<b>Barrier: Other access issue (Wall, Fence, Underpass, Tunnel, etc.)</b> From field scan conducted by TDG	MAX 4 POINTS	4 = none minus one for each barrier that blocks access

\* Access barriers were only counted if they occur within the school walk zone.

**TABLE 2 - TRANSIT/BIKE SHARE SCORE: CRITERIA AND METRICS**

**PUBLIC TRANSIT**

**Bus Stop Proximity**

A proxy measure for bus service  
(number of routes and frequency)

MAX 3  
POINTS

bus stops with 1/4 mile:  
3 pts = 14 or more  
2 pts = 8-13  
1 pt = 0-7

**Metrorail Station Proximity**

MAX 5  
POINTS

5 pts per station within 1/8 mile  
3 pts per station within 1/2 mile  
1 pt per station within 1 mile

**BIKESHARE**

**Bike Share Station Proximity**

MAX 5  
POINTS

3 pts per each station within 1/8 mile  
2 pts per each station within 1/4 mile  
1 pt per each station within 1/2 mile

**TRIP DISTANCES**

**Site Catchment Area**

A general estimate of how far  
people have to travel to get to  
the site

MAX 3  
POINTS

3 pts per neighborhood middle and high  
2 pts per some countywide options  
1 pt per elementary school / countywide school / nonschool  
sites

**TABLE 3 - APS MULTIMODAL ACCESS OPPORTUNITY SCORES**

	<b>WALK / BIKE SCORE</b>	<b>TRANSIT / BIKESHARE SCORE</b>
KEY ELEMENTARY SCHOOL	93	75
WASHINGTON-LEE HIGH SCHOOL	93	69
NEW DIRECTIONS ALTERNATIVE PROGRAM	93	69
K.W. BARRETT ELEMENTARY SCHOOL	93	56
PATRICK HENRY ELEMENTARY SCHOOL	93	31
LONG BRANCH ELEMENTARY SCHOOL	93	31
EMPLOYEE ASSISTANCE PROGRAM	89	88
SWANSON MIDDLE SCHOOL	89	69
ARLINGTON SCIENCE FOCUS SCHOOL	89	69
DREW MODEL SCHOOL	89	50
TUCKAHOE ELEMENTARY SCHOOL	89	44
JEFFERSON MIDDLE SCHOOL	89	38
BARCROFT ELEMENTARY SCHOOL	89	19
NOTTINGHAM ELEMENTARY SCHOOL	89	13
HOFFMAN-BOSTON ELEMENTARY SCHOOL	85	56
FACILITIES & OPERATIONS	85	50
ABINGTON ELEMENTARY SCHOOL	85	31
REED PRE-K INTEGRATION PROGRAM	85	19
RANDOLPH ELEMENTARY SCHOOL	85	19
CARLIN SPRINGS ELEMENTARY SCHOOL	85	19
ARLINGTON TRADITIONAL SCHOOL	81	75
EDUCATION CENTER	81	88
OAKRIDGE ELEMENTARY SCHOOL	81	50
GUNSTON MIDDLE SCHOOL	78	56
GLEBE ELEMENTARY SCHOOL	78	56
YORKTOWN HIGH SCHOOL	78	31
MCKINLEY ELEMENTARY SCHOOL	78	25
CAMPBELL ELEMENTARY SCHOOL	78	19
TAYLOR ELEMENTARY SCHOOL	78	13
CLAREMONT ELEMENTARY SCHOOL	78	13
CAREER CENTER	74	56
ARLINGTON MILL	74	50
H.S. CONTINUATION - LANGSTON	74	19
WILLIAMSBURG MIDDLE SCHOOL	70	25
KENMORE MIDDLE SCHOOL	70	25
ASHLAWN ELEMENTARY SCHOOL	70	19
JAMESTOWN ELEMENTARY SCHOOL	70	13
SYPHAX EDUCATION CENTER	67	19
WAKEFIELD HIGH SCHOOL	67	19
STRATFORD PROGRAM	63	38
H-B WOODLAWN SECONDARY PROGRAM	59	44

## Review of APS Site Field Scans

Field scans were conducted at 41 Arlington Public Schools (APS) sites from October 15<sup>th</sup> through October 24<sup>th</sup>. Findings from the field scans were used in the Opportunity Score calculations described above and will also help the consultant team develop a more thorough understanding of the physical characteristics that support or inhibit multimodal travel.

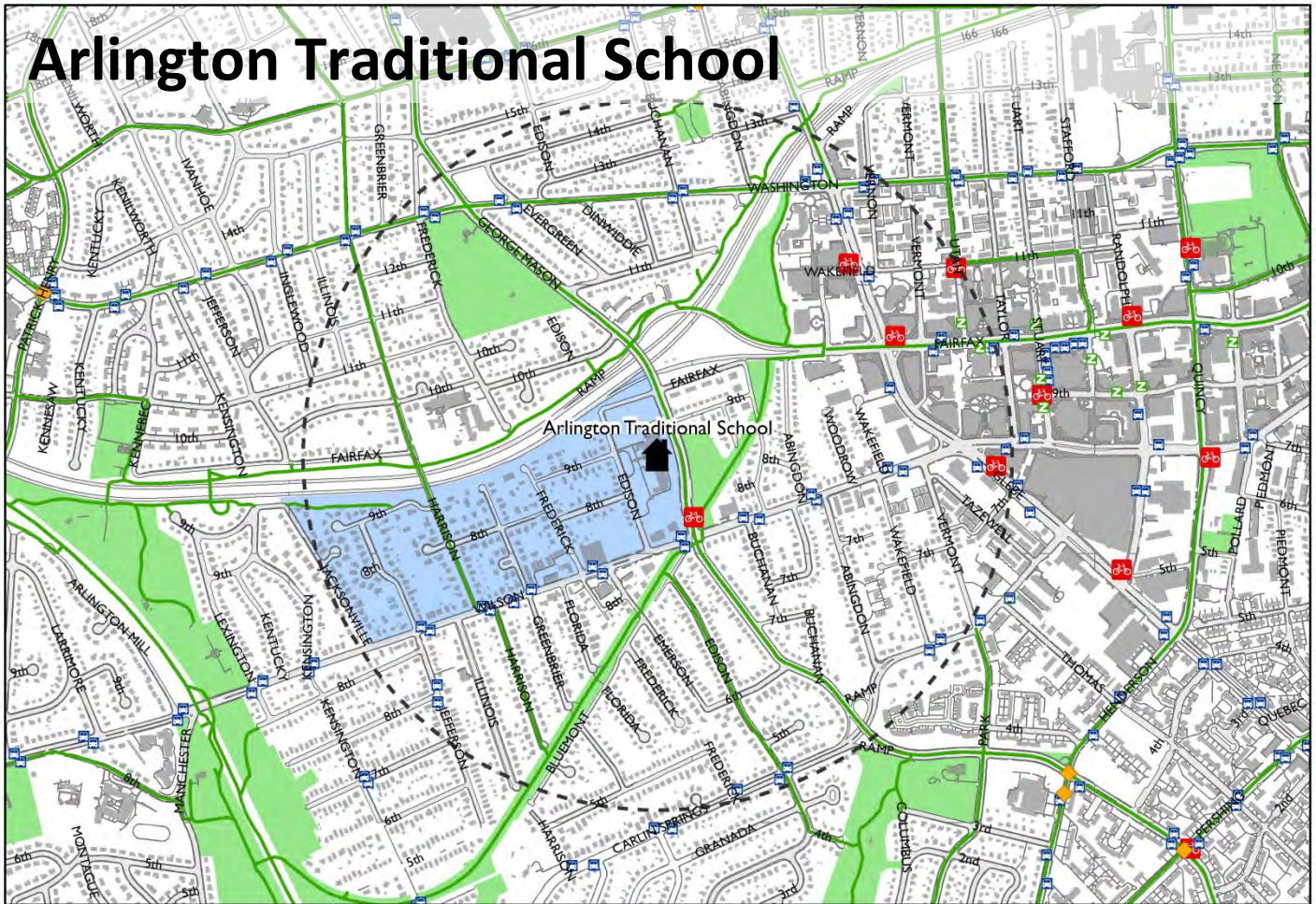
Some general patterns were observed through the field scans. Generally, most APS sites were well served by existing transit (i.e. MetroBus, ART bus, Capital Bikeshare, or Metrorail) and car-sharing services. Topography appears to play a significant role in students' and staff's ability to walk or bike to APS sites, particularly in those APS sites located at the top of hills (mostly in the western and southern parts of the County). Wide arterial roads or highways (eg., Columbia Pike, Arlington Boulevard and I-66, among others) also made for challenging access, creating barriers for some schools especially at the Middle and High School levels, where attendance boundaries tend to be larger. In many cases, school walk zones do not cross major arterial streets and highways. Staff, however, are not impacted by walk zones and so the presence of these barriers may influence their travel choices.

Many of the sites enjoyed ample staff and visitor parking as well as designated drop-off/pick-up zones. In some cases, parking was shared with other Arlington County sites including libraries, parks and senior centers. While the provision of bicycle parking at most sites appeared to be adequate, in other sites (especially at the elementary school level) demand for parking exceeded the supply of bike racks.

## APPENDIX A: SITE PROFILES

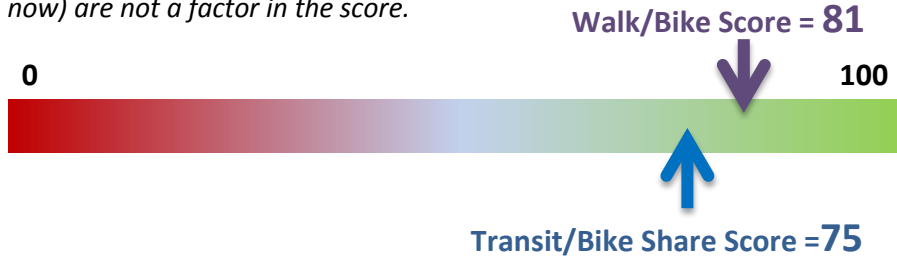
Toole Design Group created a brief profile for each site/school included as part of this study. The profiles present the Multimodal Access Opportunity Score, give basic information about the physical context of the site (as observed during the field scan), and present the student and staff transportation modes as reported in the Fall 2013 travel surveys.

# Arlington Traditional School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Arlington Traditional School  
 855 N Edison Street  
 Arlington, VA 22205  
 Phone: 703.228.6290

## Type of Site:

Elementary School

## Grade Levels:

Pre-K – 5

## Summary Conditions

Arlington Traditional School (ATS) is bordered to the north by North Fairfax Drive, to the east by George Mason Drive, south by Wilson Boulevard, and to the west by N Edison Street. In 2013, Arlington Traditional School had 503 students and 68 staff. Arlington Traditional School is a countywide school; students from throughout Arlington attend ATS.

## Neighborhood Context

The school is located in a neighborhood with mostly single-family residential homes with yards, but the grid is incomplete and many streets dead-end. Interstate 66 runs east/west through the attendance boundary. South of the school Wilson Boulevard features commercial uses including a retail strip abutting the school. To the east of the school is a community park with play fields. North, past I-66, the area continues to be residential until Washington Boulevard. The sidewalk network is not complete, including sidewalk gaps on N Edison Street immediately in front of the school. The majority of neighborhood streets in the area have sidewalks on at least one side of the street.

## Transportation Assets

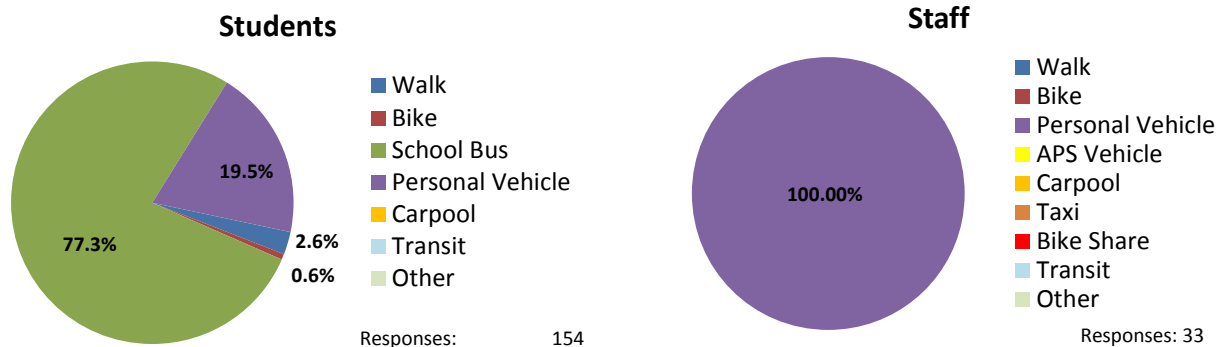
Arlington Traditional School is .8 miles from the Ballston Metrorail Station. Five bus lines run along Wilson Boulevard and George Mason Drive and there is a Capital Bikeshare station at the corner of George Mason Drive and Wilson Boulevard (across the street from the school).

There are bike lanes and share-the-road markings (sharrows) on Wilson Boulevard and George Mason Drive. The neighborhoods have low traffic volumes and appear to be comfortable for bikes and pedestrians. An off-street trail, The Bluemont Junction Trail, goes to the nearby intersection of George Mason Drive and Wilson Boulevard (where the Bikeshare station is located). The off-street trail connects to a number of cul-de-sac streets in neighborhoods to the southwest of the school. The intersection at George Mason Drive and Wilson Boulevard is large but has marked crosswalks and crossing signals. Bluemont Junction Trail users cross at this intersection, resulting in a relatively high level of bicycle and pedestrian traffic in this area.

## Physical Barriers

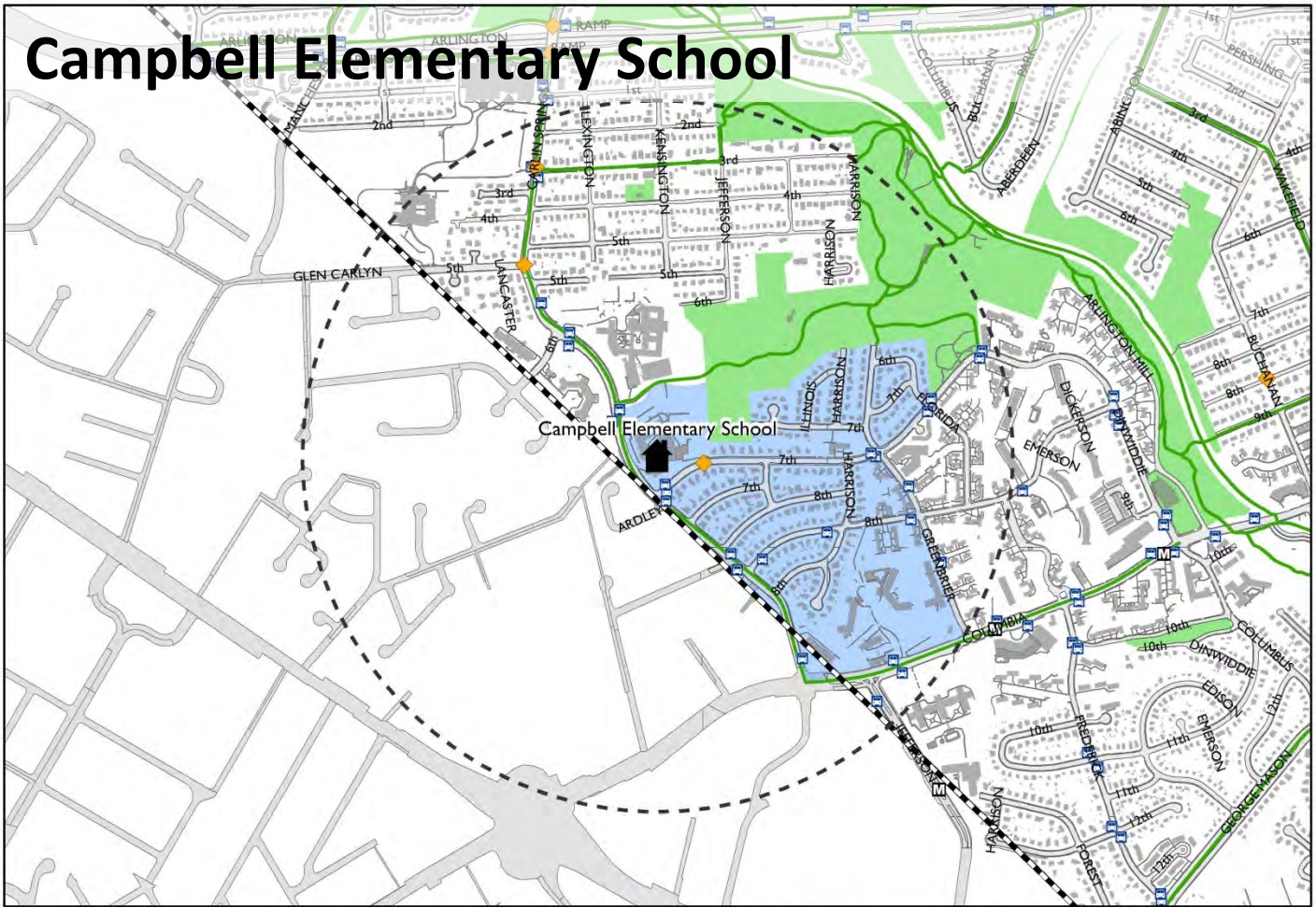
The grade-separated crossing of George Mason Drive over I-66 has narrow sidewalks and there is no barrier between pedestrians and vehicles, which travel fairly quickly over the bridge. In general, the school is surrounded to the north, east and south by large roads with heavy traffic, creating access issues particularly for students.

## Existing Travel Modes (from 2013 School Surveys)





# Campbell Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Campbell Elementary  
737 Carlin Springs Road  
Arlington, VA 22204  
Phone: 703.228.6770

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Campbell Elementary School is located on Carlin Springs Road on the corner of 7th Road South. In 2013, Campbell Elementary School had 430 students and 82 staff. The school boundary extends east to Four Mile Run, south to Columbia Pike, north to Arlington Boulevard, and west to the County boundary.

## Neighborhood Context

This school is located in a residential neighborhood consisting of single-family, detached homes. The neighborhood and school boundary area are bordered by Arlington Boulevard and Columbia Pike, two major roads in the County. The area is comprised of medium-sized blocks and the sidewalk network is mostly complete. The neighborhood street pattern is not a grid and has many dead-end streets.

## Transportation Assets

Campbell Elementary School does not have access to transit. There are no Metrorail Station stations, Capital Bikeshare stations, or Zipcar locations nearby. Four bus lines run along Carlin Springs Road and 7<sup>th</sup> Road South.

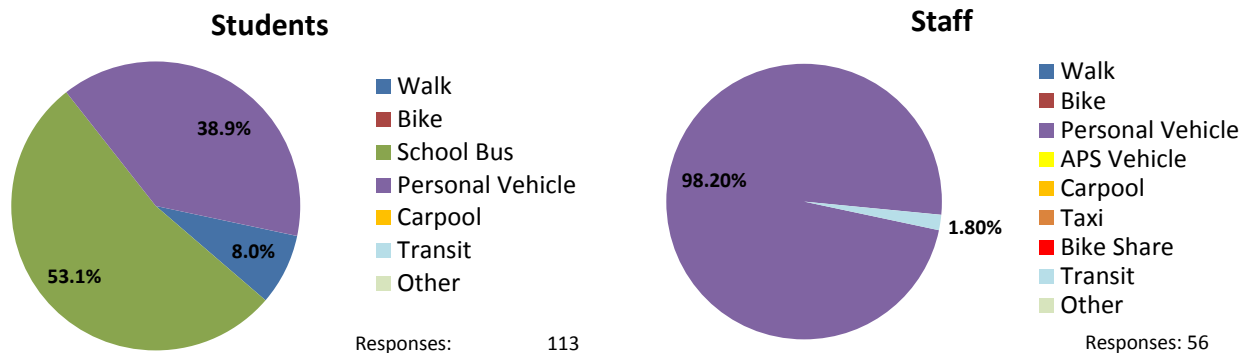
There are no bike lanes or bicycle improvements on South Carlin Springs Road or in the surrounding neighborhoods, though the neighborhoods appear to be bicycle- and pedestrian-friendly due to low traffic volumes.

There is an off-street trail to the north of the school, running east/west along the Long Branch Nature Center (which feeds into Lubber Run Park). The trail is separated from the school by a creek but pedestrians/bicyclists can use the sidewalks on South Carling Springs Road to access the trail.

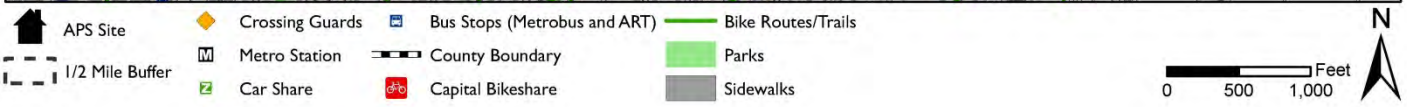
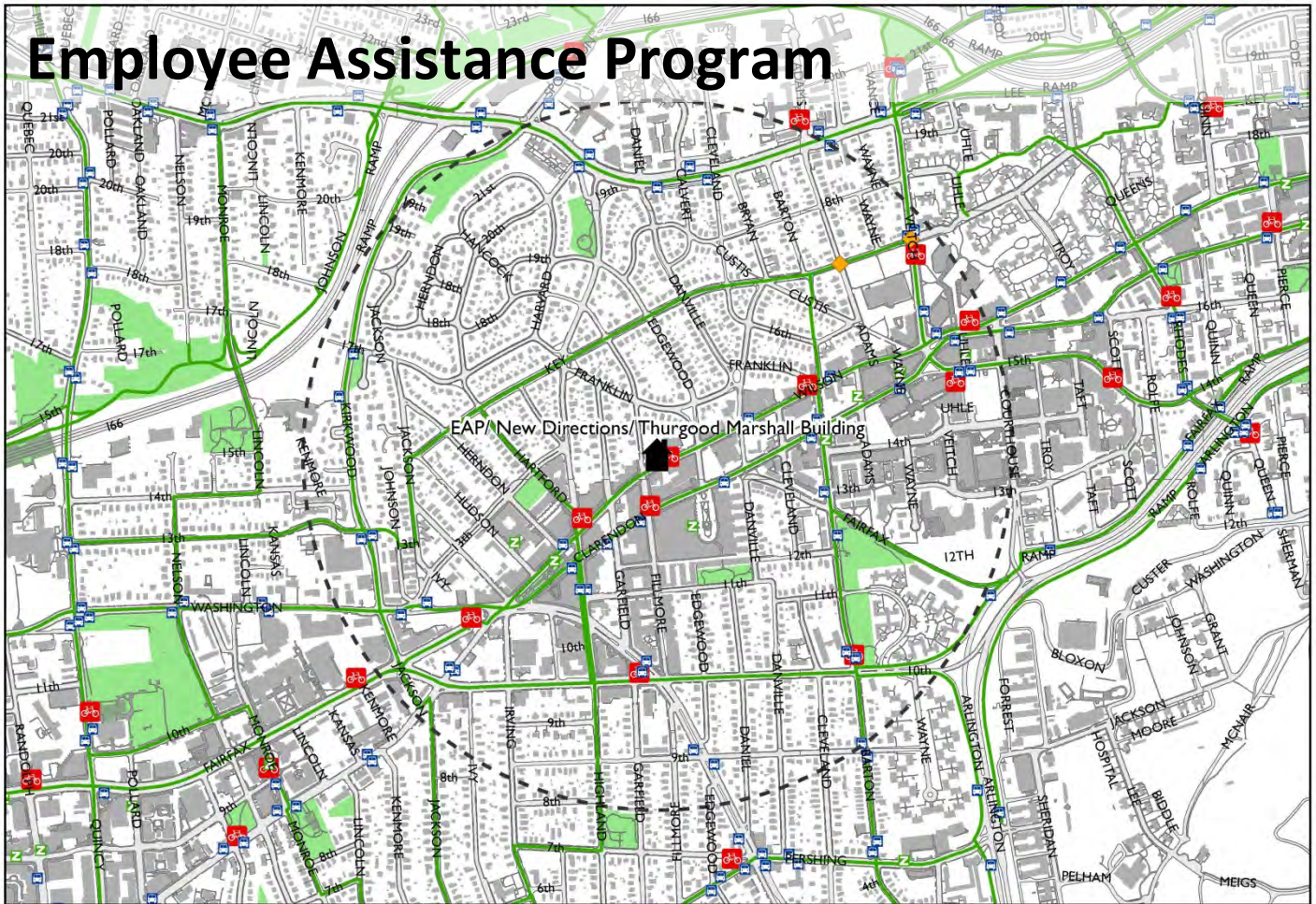
## Physical Barriers

There is a fairly large hill on Carlin Springs Road resulting in low visibility at the intersection of 7th Place South and South Carlin Springs Road. In addition, the attendance boundary is divided by a creek with limited crossings.

## Existing Travel Modes (from 2013 School Surveys)

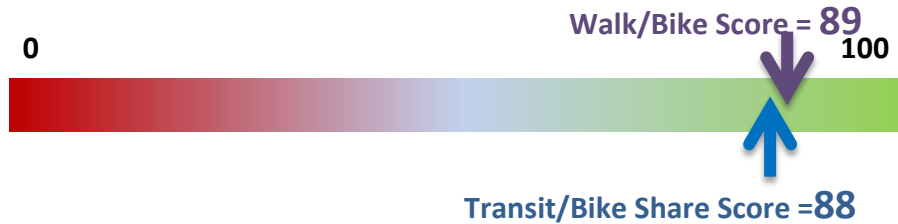


# Employee Assistance Program



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Employee Assistance Program  
 2847 Wilson Boulevard  
 Arlington, VA 22201  
 Phone: 703-228-8720

## Type of Site:

Resource Center

## Grade Levels:

Adult

## Summary Conditions

The Employees Assistance Program (EAP) is housed in the Thurgood Marshall Center, located on Wilson Boulevard at N Fillmore Street. The center is located in the commercial metro corridor that runs along Wilson and Clarendon Boulevards. In 2013, Employee Assistance Program had 7 staff.

### **Neighborhood Context**

The EAP is located on the commercial corridor that runs along Wilson and Clarendon Boulevards. Retail, grocery stores, restaurants, and larger multi-family apartment buildings line both boulevards. The sidewalk network is complete and the streets are, for the most part, arranged in a grid.

### **Transportation Assets**

The center is .2 miles away from Clarendon Metrorail Station, there is a Capital Bikeshare station in front of the building and another three stations nearby. Four bus lines run along Clarendon and Wilson Boulevards and there are several Zipcar locations close by.

Bike lanes exist along both Clarendon and Wilson Boulevards and the surrounding neighborhoods are bicycle and pedestrian-friendly, due to low vehicle volumes and traffic calming elements like bulb-outs and speed humps. All intersections have marked crosswalks and pedestrian signals that provide adequate crossing time.

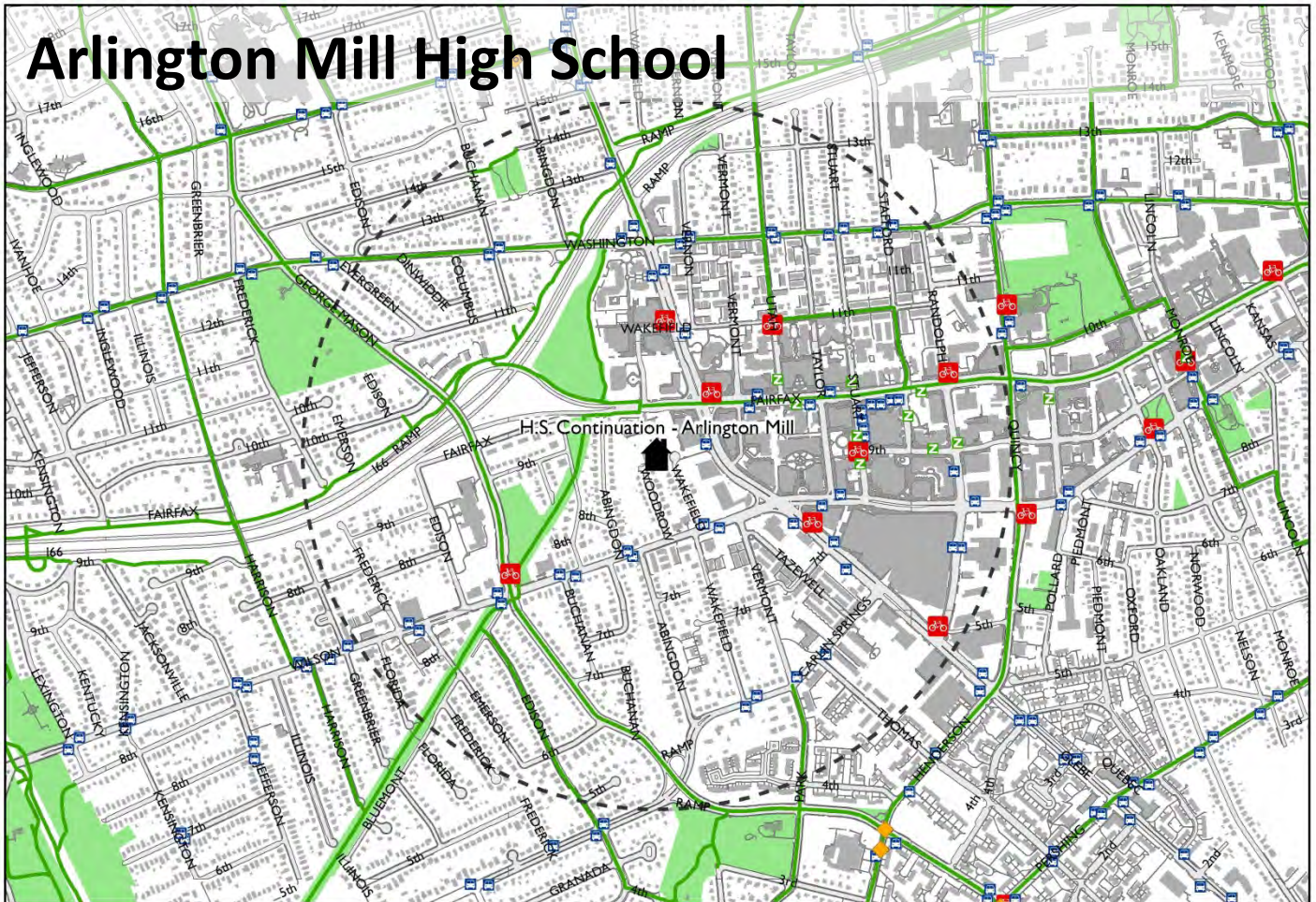
### **Physical Barriers**

There are no significant physical barriers.

### **Existing Travel Modes (from 2013 School Surveys)**

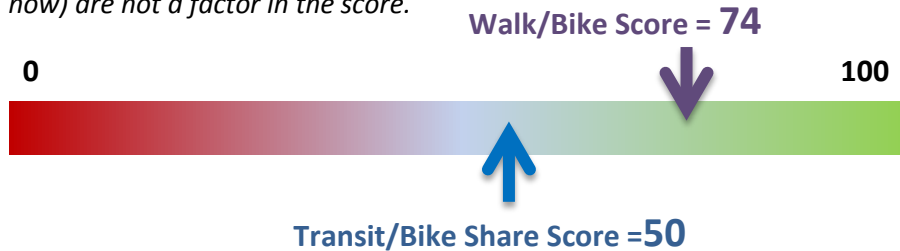
(Data not available)

# Arlington Mill High School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Arlington Mill High School  
 816 S. Walter Reed Drive,  
 Suite 222  
 Arlington, VA 22204  
 Phone: 703.228.5350

## Type of Site:

High School

## Grade Levels:

9 - adult

## Summary Conditions

Arlington Mill High School (formerly Arlington Mill Continuing Education) is co-located with the Arlington Career Center, in close proximity to Columbia Pike, Arlington Public Library (Columbia Pike) and Patrick Henry Elementary School. In 2013, Arlington Mill had 161 students and 222 adult students.

## Neighborhood Context

Arlington Mill High School is located in a mostly commercial strip of Columbia Pike and in close proximity to various neighborhoods consisting of multifamily residential dwellings. While the neighborhoods to the north and west are residential, much of the site is surrounded by commerce located along Columbia Pike. The commercial corridor includes office, retail, and multi-family apartment buildings and has a complete sidewalk network.

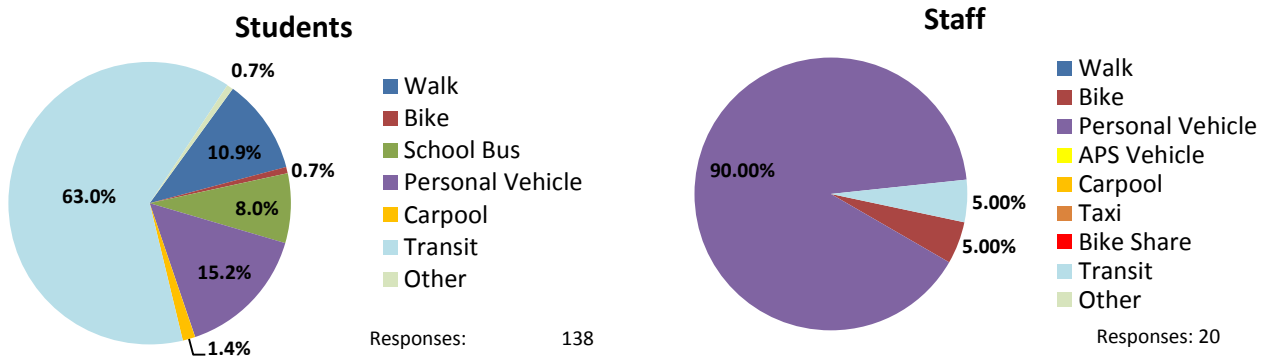
## Transportation Assets

Arlington Mill High School is very well served by WMATA and ART buses with increased access to various bus routes running along Walter Reed Drive and Columbia Pike. The site also includes a very extensive parking lot (for which a parking decal is required) that is shared with both the library and the school. Although the site is located next to two heavily used roadways (Walter Reed Drive and Columbia Pike), there is existing traffic calming, signalized crossings, bicycle lanes and marked crossings along both streets. The site also includes covered parking which is at capacity.

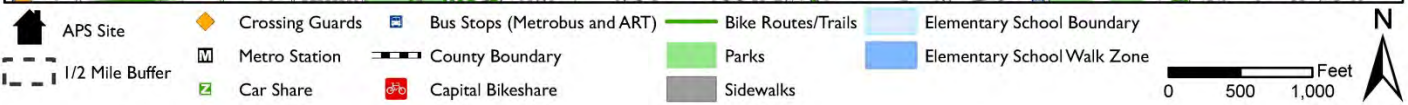
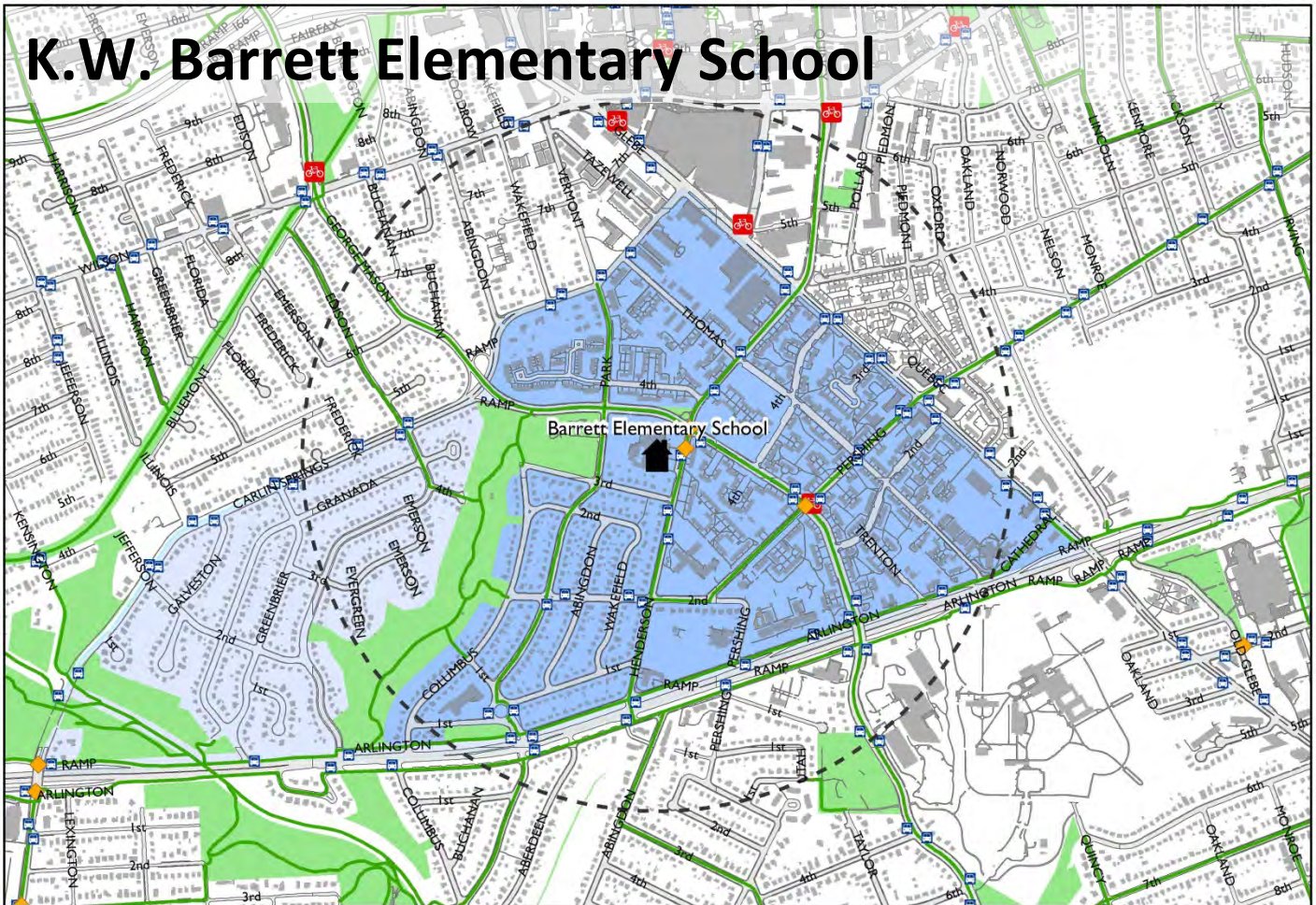
## Physical Barriers

Although there are some existing traffic calming mechanisms and bicycle facilities around the site, the high speed and high volumes of traffic observed along Columbia Pike and Walter Reed Drive represent potential physical barriers for both staff and people attending sessions at the center. At the time the field work observation was performed, there was roadways construction along Walter Reed Drive without any special accommodation for pedestrians or bicycles.

## Existing Travel Modes (from 2013 School Surveys)

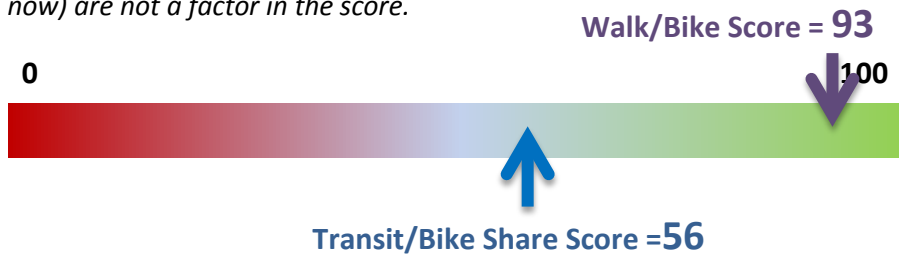


# K.W. Barrett Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

K. W. Barrett Elementary School  
 4401 N Henderson Road  
 Arlington, VA 22203  
 Phone: 703.228.6288

## Type of Site:

Elementary School

## Grade Levels:

Pre K – 5

## Summary Conditions

K.W. Barrett Elementary School is bordered to the north by N George Mason Drive, to the east by N Henderson Road, south by 3rd Street N and to the west by N Park Drive and the Lubber Run Community Center. In 2013, Barnett Elementary School had 547 students and 104 staff. The school boundary extends east to N Glebe Road, south to Arlington Boulevard, and west to N Carlin Springs Road.

## Neighborhood Context

This school is located in a walkable neighborhood, consisting of single-family residential homes with yards, but the grid is incomplete and many streets dead-end. Lubber Run Park runs north-south within the school boundary. Multi-family townhouses/condos are currently being built across the street from the school, with some already occupied or sold. The neighborhood streets are mostly small blocks with a complete sidewalk network that contains speed humps, roundabouts, and bulb-out traffic calming features.

## Transportation Assets

K.W. Barrett Elementary is located .8 miles from Ballston Metrorail Station, where there are also multiple bus lines and Zipcars. Five bus lines also run along N Henderson Road and George Mason Drive, and there is a Capital Bikeshare station two blocks east of the school at Pershing and George Mason Drives.

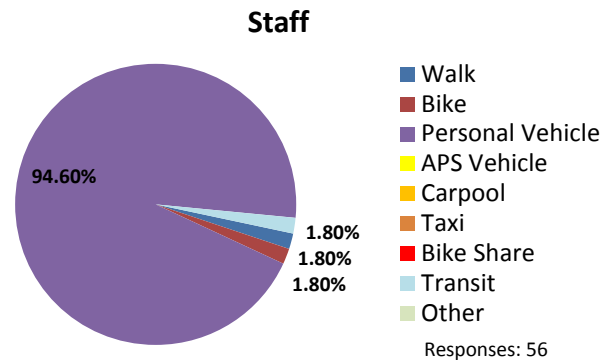
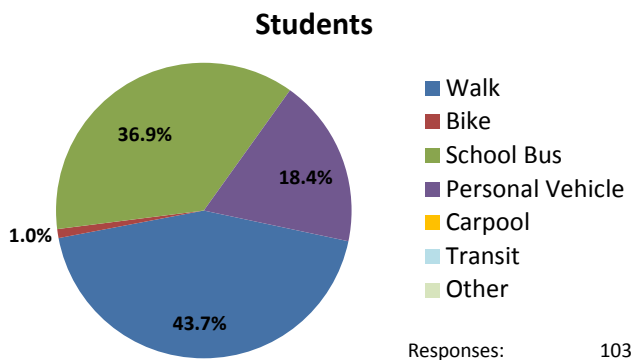
Although there are not bike lanes on any of the surrounding neighborhood roads, the streets appear to be bicycle-friendly due to traffic calming speed humps, low traffic volumes, bulb-outs, and well-marked crossings. The crossings on George Mason Drive are well marked and have crossing signals that give adequate time to cross. There is a north-south off-street trail to the west of the school in Lubber Run Park, though the trail is somewhat isolated and is moderately steep in and out of the park. Almost the entire school attendance boundary is within the walk zone.

The intersections on George Mason Drive are somewhat large (5 lanes total) but have marked crosswalks and crossing signals. The intersection in front of the school, George Mason Drive and N Henderson, as well as the intersection of George Mason Drive and Pershing Road, have assigned crossing guards.

## Physical Barriers

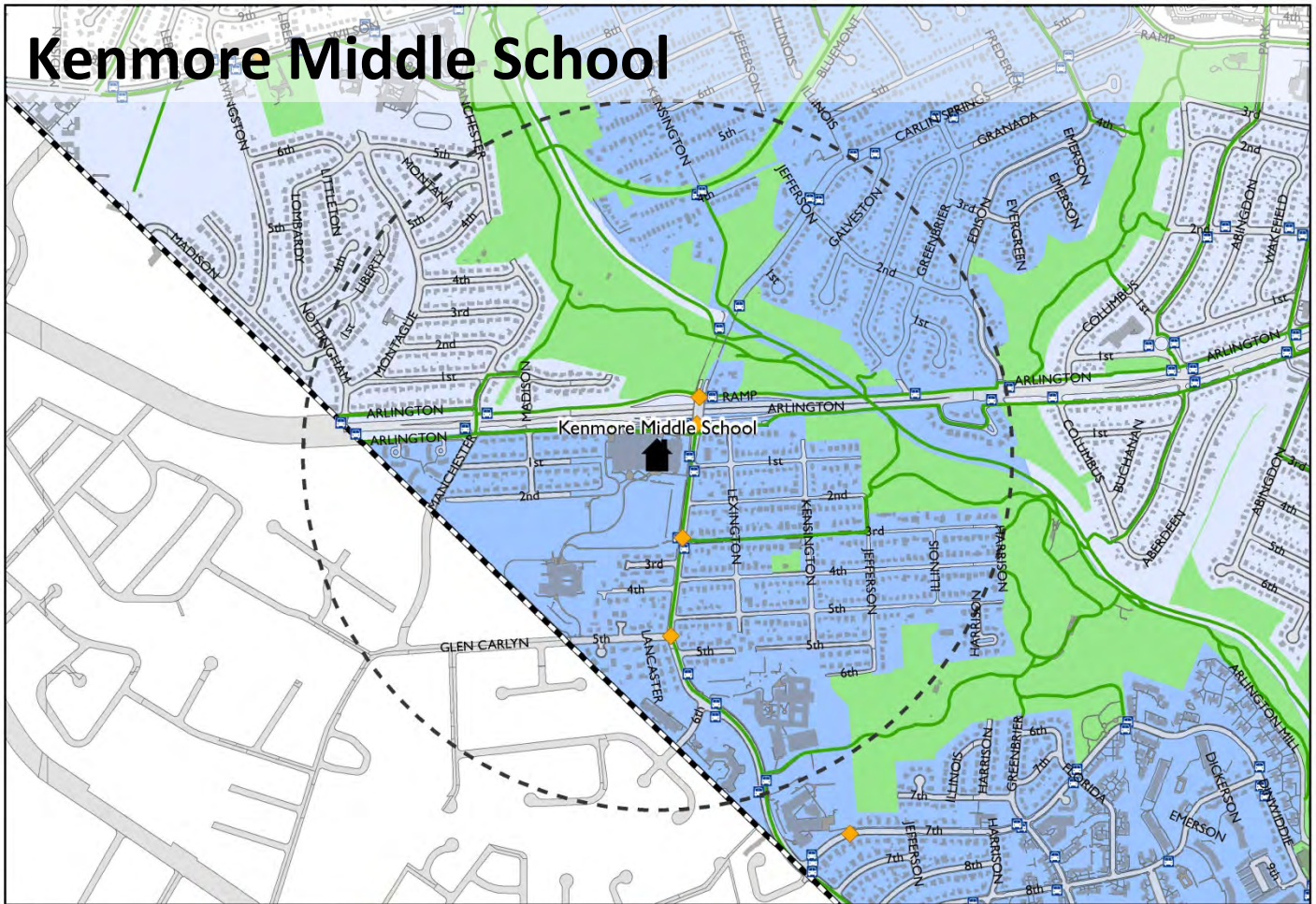
There are no significant physical barriers.

## Existing Travel Modes (from 2013 School Surveys)



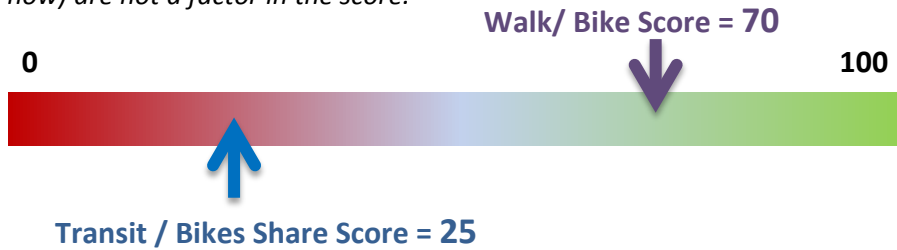


# Kenmore Middle School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Kenmore Middle School  
 200 S Carlin Springs Road  
 Arlington, VA 22204  
 Phone: 703.228.6800

## Type of Site:

Middle School

## Grade Levels:

6-8

## Summary Conditions

Kenmore Middle School is located on Carlin Springs Road on the corner of 7th Road South. In 2013, Kenmore Middle School had 809 students and 135 staff. The school boundary extends north to Wilson Boulevard, east to N George Mason Drive, south to Columbia Pike, and west to the County boundary.

## Neighborhood Context

This school is located in a residential neighborhood comprised of single-family, detached homes. The neighborhood and school boundary are bordered by Wilson Boulevard and Columbia Pike, two major east/west thoroughfares. The area is made up of medium-sized blocks and the sidewalk network is mostly complete sidewalk network. The street network is not arranged in a grid; many streets are dead-ends.

## Transportation Assets

Kenmore Middle School has relatively low transit access. There are no Metrorail stations, Capital Bikeshare stations, or Zipcar locations nearby. Seven bus routes run along Carlin Springs Road and Arlington Boulevard.

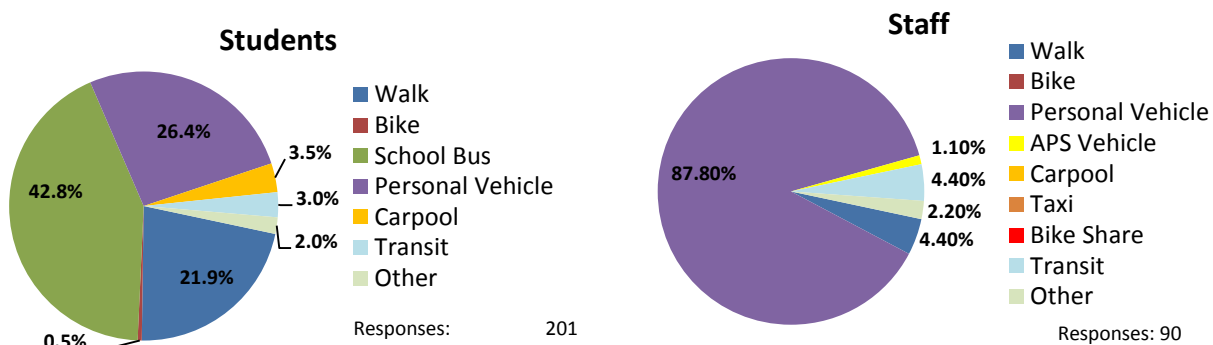
No bicycle lanes or infrastructure exists on South Carlin Springs Road or in the surrounding neighborhoods, though the neighborhood streets appear to be conducive to bicycle and pedestrian use due to low traffic volumes and generally slow speeds.

Two major off-road trails are located near the school: Four Mile Run and the Washington and Old Dominion Trail. Both trails can be accessed within three blocks of the schools via a quiet neighborhood street (2<sup>nd</sup> Street). There is also an off-street trail that connects the school to neighborhoods to the east, but for a short segment the trail runs along Arlington Boulevard, where traffic travels fast and volumes are high. There is a barrier separating the trail from the vehicle lanes, but the trail is relatively narrow and traffic levels on Arlington Boulevard decrease the appeal of walking/bicycling on this segment.

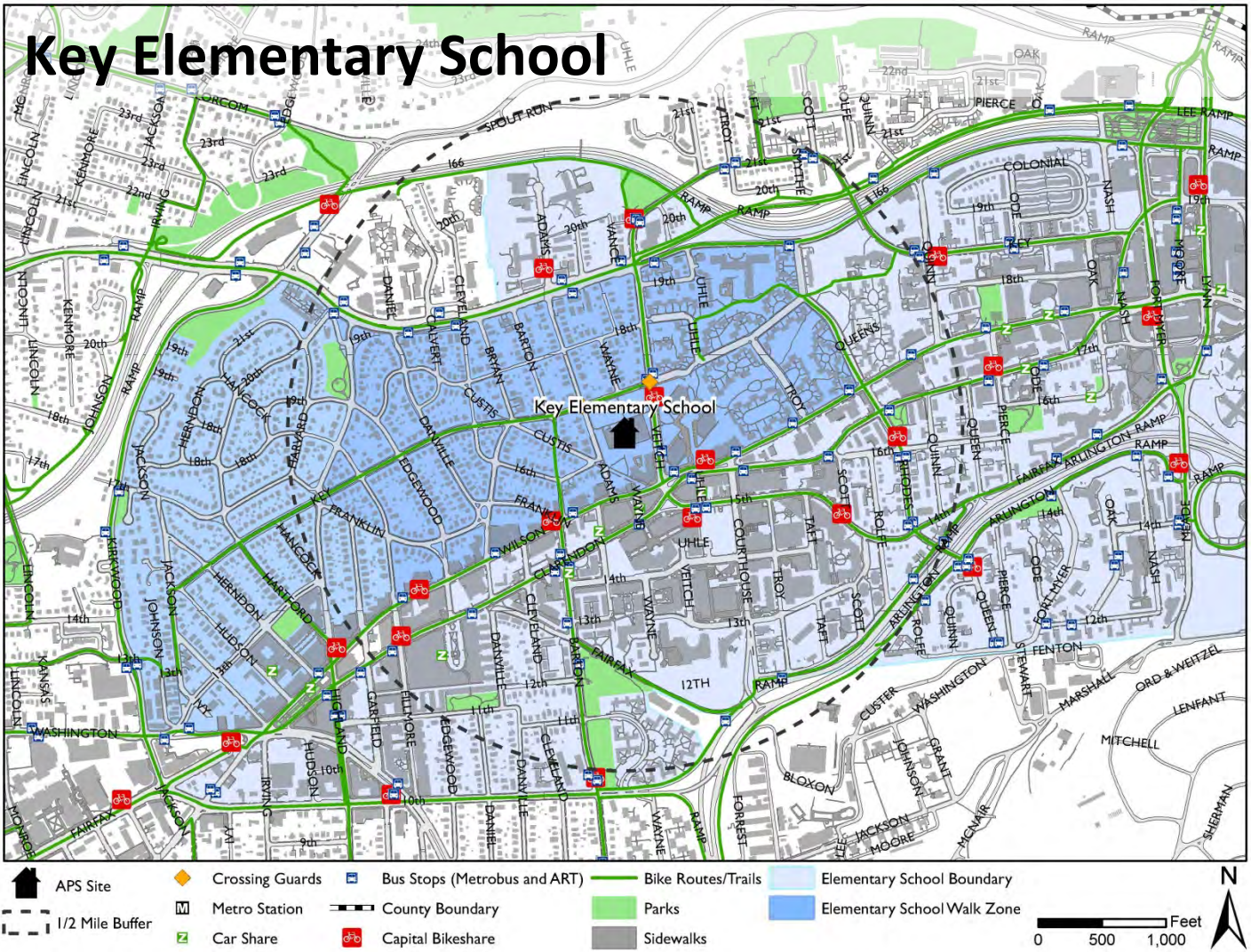
## Physical Barriers

Arlington Boulevard creates a barrier for pedestrian and bicycle access to Kenmore Middle School. The school is located south of the street and the crossing on Carlin Springs Road is under a bridge with a small sidewalk and no buffer between cars and pedestrians. Other intersections along Arlington Boulevard are at-grade but have clearly-marked crosswalks and pedestrian signals. Additionally, as mentioned above, the off-street trail along Arlington Boulevard is narrow and may be uncomfortable for some pedestrians and bicyclists.

## Existing Travel Modes (from 2013 School Surveys)

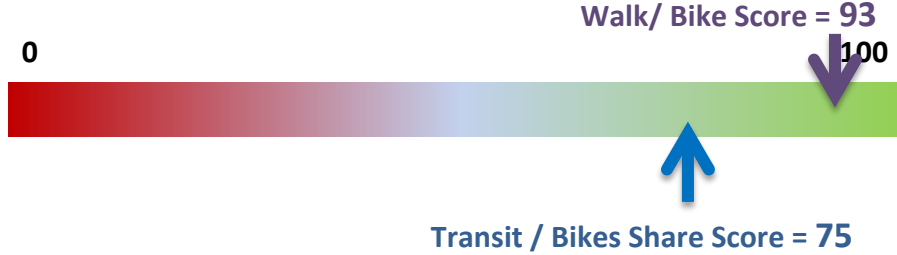


# Key Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Key Elementary  
 2300 Key Boulevard  
 Arlington, VA 22201  
 Phone: 703.228.4210

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Francis Scott Key Elementary School (Key) is located at the corner of Key and Veitch Streets in Arlington County, one block from the Courthouse Metrorail Station. In 2013, Key Elementary had 681 students and 103 staff. The school boundary extends east to the Potomac River, north to 29 and I-66, south to Fort Meyer and 10th Street N, and west to N Kirkwood Street and Clarendon Boulevard.

## Neighborhood Context

This school is located in a walkable neighborhood, consisting of single-family, detached residential homes, and is one block away from the commercial metro corridor surrounding Clarendon and Wilson Boulevards. The neighborhood is made up of small blocks and the sidewalk network is complete, though at times narrow and uneven. The commercial corridor on Wilson Boulevard includes office, retail, and multi-family apartment buildings and has a complete sidewalk network.

## Transportation Assets

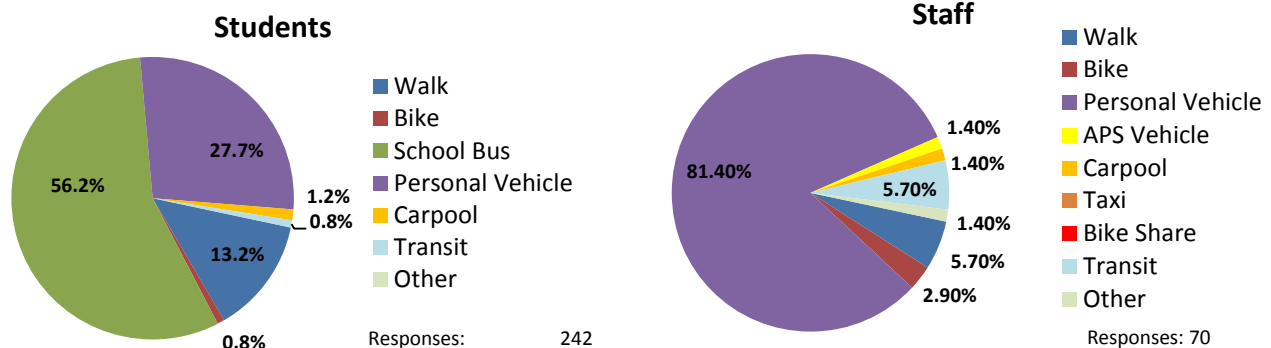
Key Elementary has great access to transit: Courthouse Metrorail Station is .2 miles away and seven bus lines run along Clarendon and Wilson Boulevards and Veitch Street. There also is a Capital Bikeshare station on the corner of Veitch Street and Key Boulevard at the corner of the school's property, and Zipcars are available within a couple of blocks of the school.

There are bike lanes and bicycle markings on Wilson and Clarendon Boulevards as well as on the neighborhood roads running parallel and perpendicular to the commercial boulevards. The commercial area is very pedestrian and bicycle-friendly due to the bicycle lanes, low speed limits, clearly-marked crosswalks, pedestrian signals that allow for ample crossing time, and high pedestrian and bicyclist volumes. Key Boulevard is a popular route for bicyclists, due to low speeds and traffic calming elements like roundabouts and bulb outs, and serves as an alternative to bicycling on Wilson Boulevard.

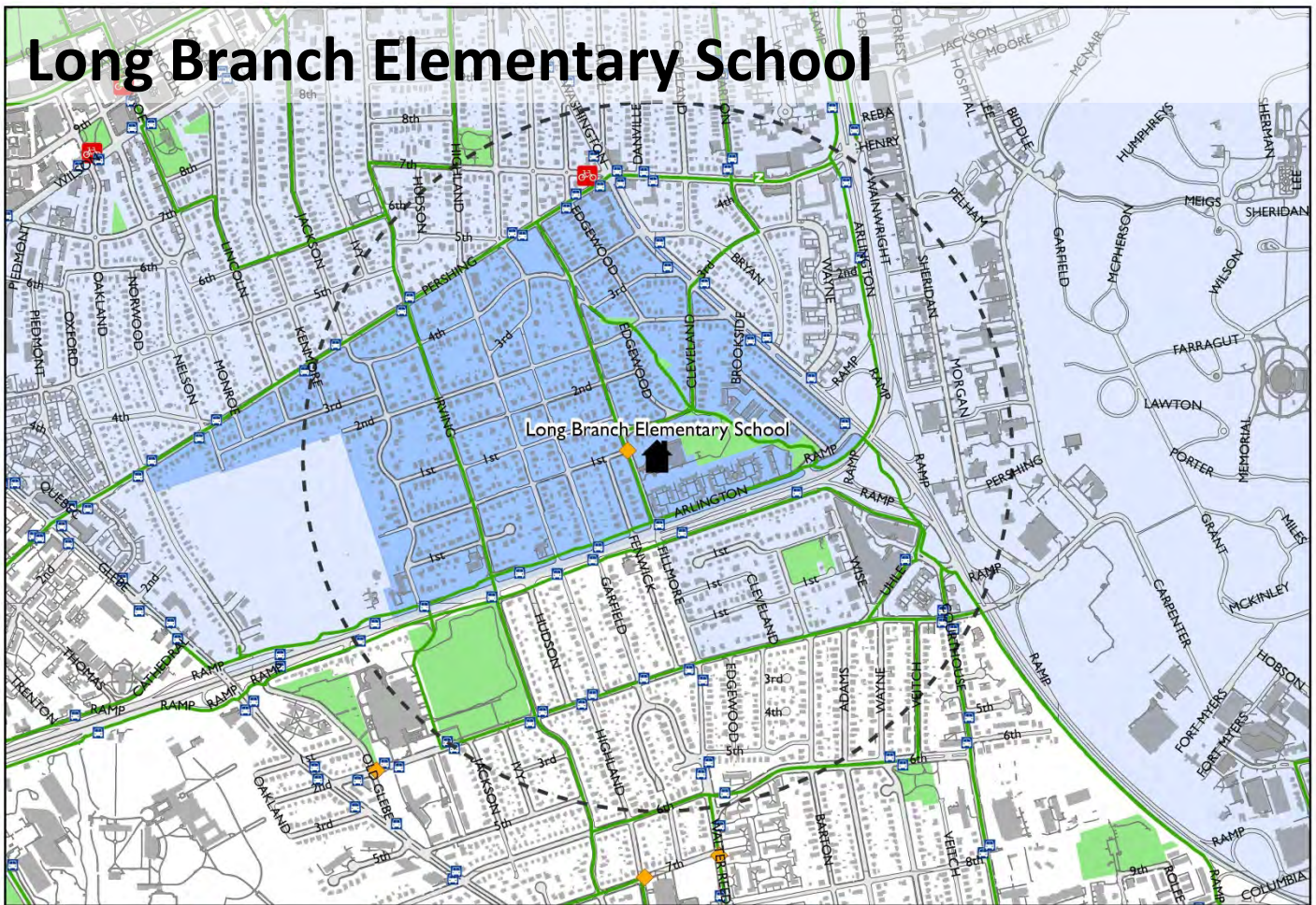
## Physical Barriers

There is a large hill to the north of the school on Veitch Street and, when approaching the school from the east, Wilson Boulevard is uphill. The intersection where Veitch Street meets Wilson and Clarendon Boulevards and 15th Street is a large, six point intersection. However the signal timings are generous and the crossings are well marked. There are two slip lanes (separated right turn lanes) located within a block of the intersection that create difficult areas for pedestrians and bicyclists. Additionally there is a high volume of traffic consistently moving along Wilson Boulevard, Clarendon Boulevards and Veitch Street.

## Existing Travel Modes (from 2013 School Surveys)



# Long Branch Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.

Walk/ Bike Score = 93



Transit / Bikes Share Score = 31

## Summary Conditions

Long Branch Elementary School is located one block north of the corner of Arlington Boulevard and North Fillmore Street. In 2013, Long Branch Elementary School had 526 students and 81 staff. The school boundary extends east to the Potomac River, west to North Glebe Road, north to N Kirkwood Street and Clarendon Boulevard, and south to I-395, South Washington Boulevard, and Arlington Boulevard.

## Contact information:

Long Branch Elementary  
 33 N Fillmore Street  
 Arlington, VA 22201  
 Phone: 703.228.4220

## Type of Site:

Elementary School

## Grade Levels:

Pre K – 5

## Neighborhood Context

This school is located in a walkable neighborhood, consisting of single-family, detached residential homes. Long Branch is located one block away from Arlington Boulevard (Route 50), a major arterial road with six lanes as well as access roads on both sides. The neighborhood around the school is made up of small blocks, arranged mostly in a grid, and a few parks. The sidewalk network is mostly complete, though some of the neighborhood streets do not have sidewalks. While some of the streets in the area are calm and low-speed, others (e.g. Irving and Fillmore Streets) are used by drivers trying to reach Route 50 and traffic speeds/volumes are higher, particularly during rush hour.

## Transportation Assets

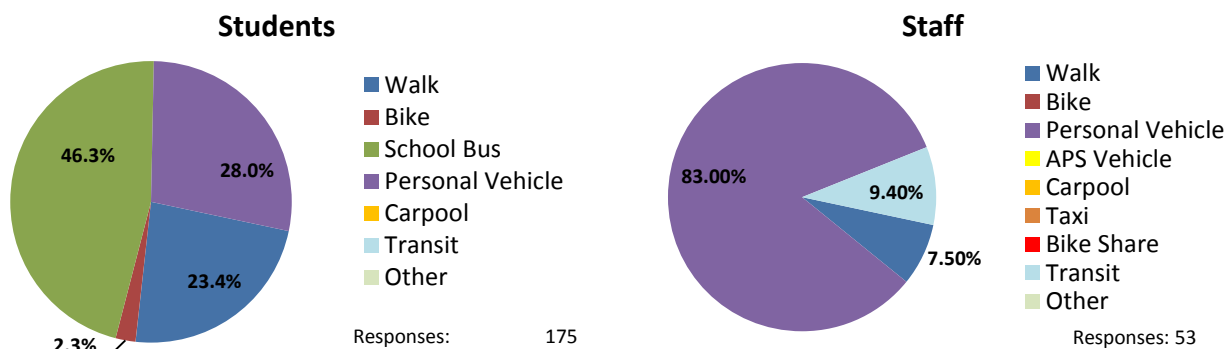
Long Branch Elementary does not have great access to transit. There is not a Metrorail Station nearby and there is only one Zipcar location several blocks away. There are two bus lines that run along Arlington Boulevard and a new Capital Bikeshare station is being installed at the corner of N Fillmore Street and Arlington Boulevard.

Though there are not bicycle lanes on any of the surrounding streets, the neighborhood roads around Long Branch Elementary are generally bicycle-friendly due to low traffic volumes and traffic calming measures such as speed humps, bulb-outs, and marked crossings. Narrow road conditions on some of the neighborhood streets can lead to conflicts between bicyclists and drivers. The intersections on Arlington Boulevard also have marked crosswalks and pedestrian signals that allow adequate crossing time. There is an off-street trail that connects the school to the neighborhoods to the north, and to Arlington Boulevard.

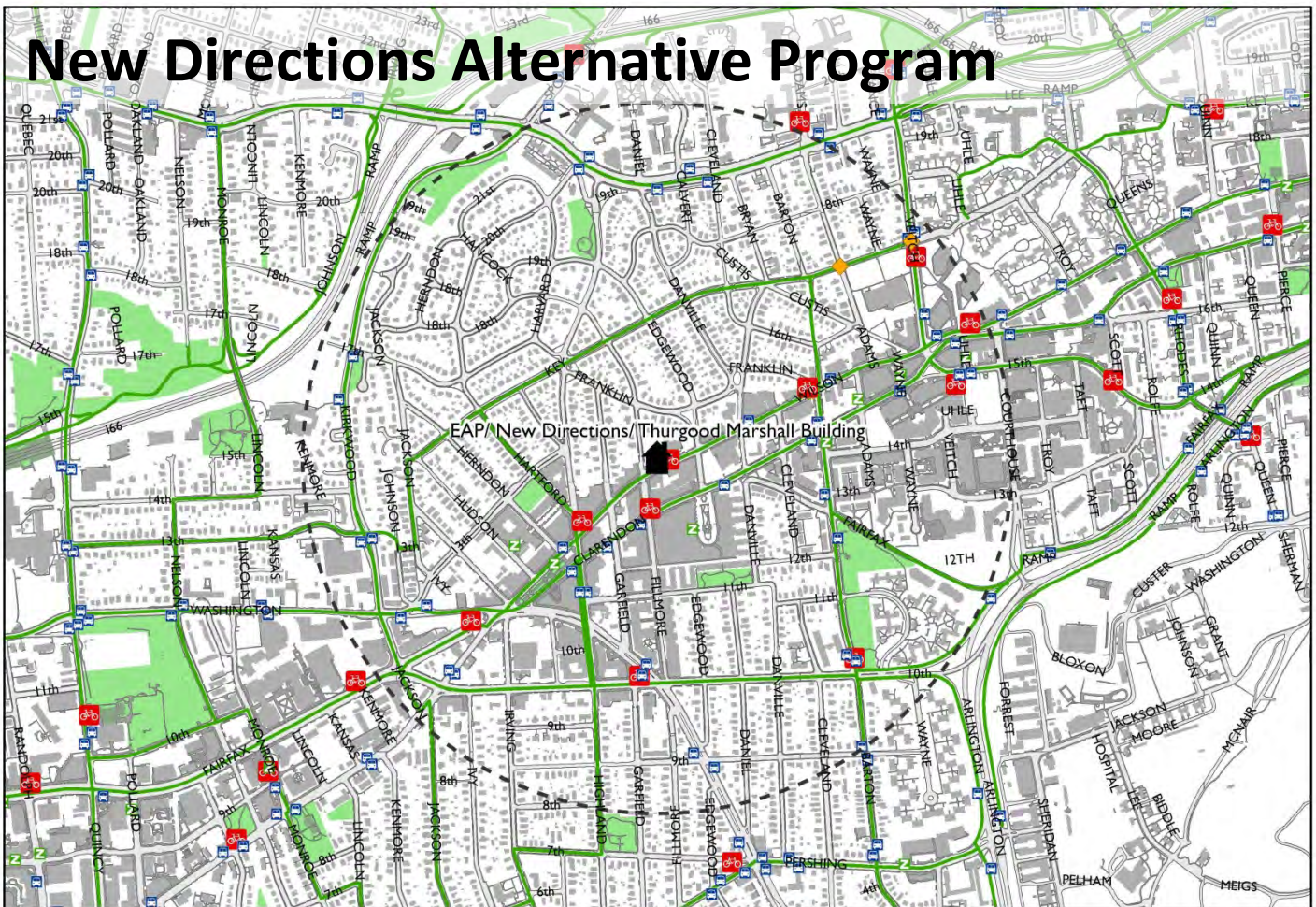
## Physical Barriers

The school is just north of Arlington Boulevard which is a large, six-lane road with two access roads on either side. In addition, the school attendance boundary (though not the current walk zone) crosses over Washington Boulevard and Pershing Drive, creating additional barriers to school access.

## Existing Travel Modes (from 2013 School Surveys)

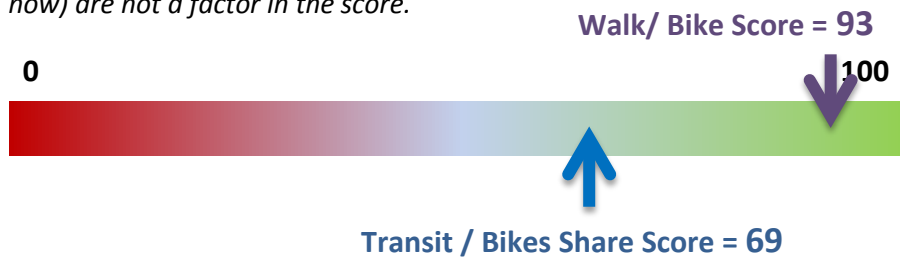


# New Directions Alternative Program



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

New Directions Alternative Program  
 2847 Wilson Boulevard  
 Arlington, VA 22201  
 Phone: 703.228.6085

## Type of Site:

Education Center

## Grade Levels:

Adult

## Summary Conditions

The New Directions Alternative Program is housed in the Thurgood Marshall Center, located on Wilson Boulevard at N Fillmore Street. The center is located in the commercial metro corridor that runs along Wilson and Clarendon Boulevards.

## Neighborhood Context

New Directions is located on the commercial corridor that runs along Wilson and Clarendon Boulevards. Retail, grocery stores, restaurants, and larger multi-family apartment buildings line both boulevards. The sidewalk network is complete and the streets are, for the most part, arranged in a grid.

## Transportation Assets

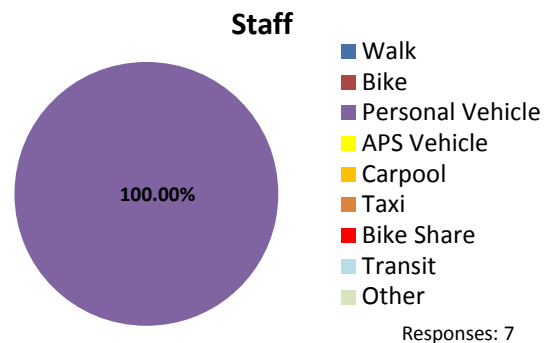
New Directions has great access to transit. The center is .2 miles away from Clarendon Metrorail Station, there is a Capital Bikeshare station in front of the building and another three stations nearby. Four bus lines run along Clarendon and Wilson Boulevards and there are several Zipcar locations close by. Bike lanes exist along both Clarendon and Wilson Boulevards and the surrounding neighborhoods are bicycle and pedestrian-friendly, due to low vehicle volumes and traffic calming elements like bulb-outs and speed humps. All intersections have marked crosswalks and pedestrian signals that provide adequate crossing time.

## Physical Barriers

There are no significant physical barriers.

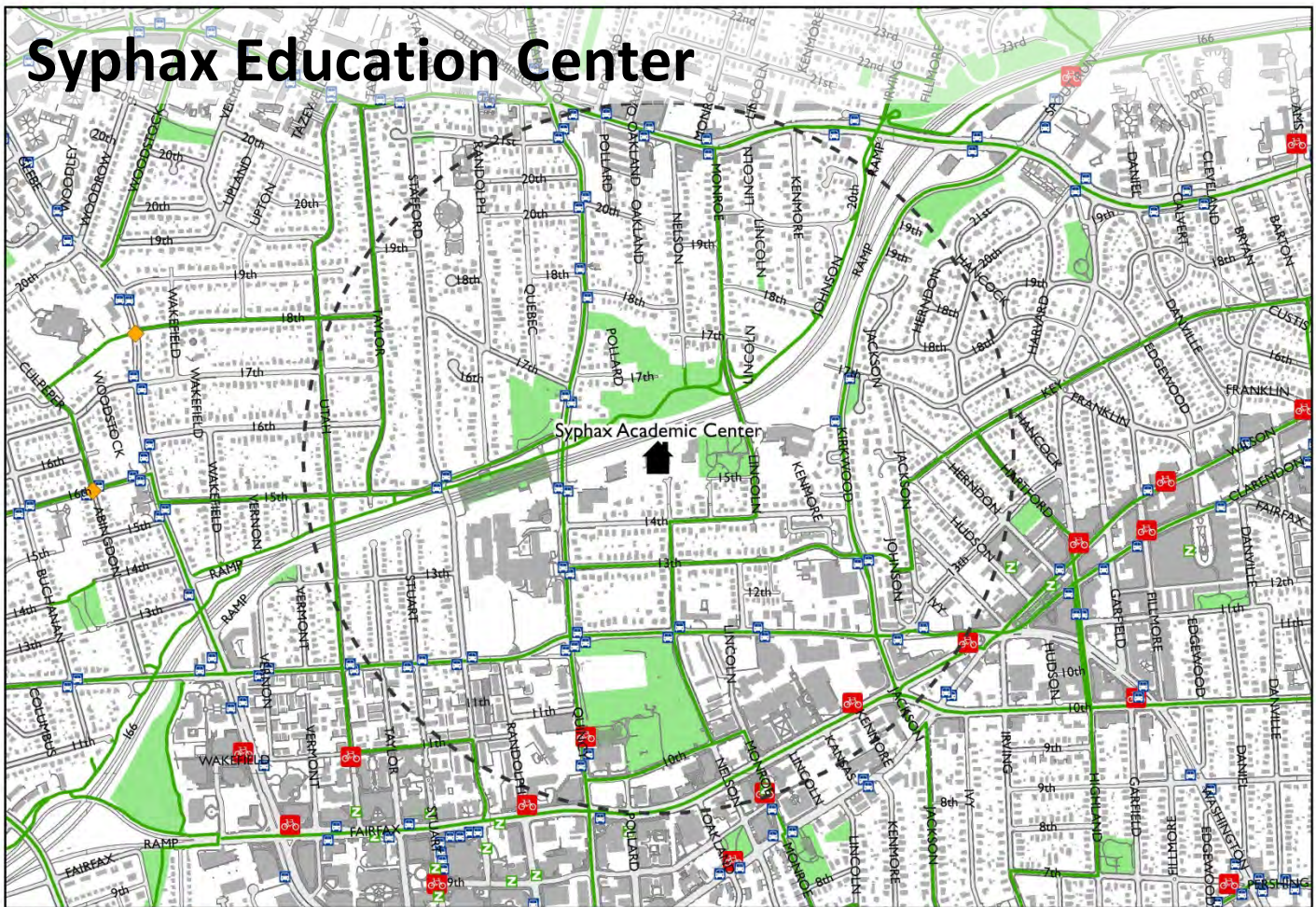
## Existing Travel Modes (from 2013 School Surveys)

(**Students:** Low survey response rates/Insufficient Data)





# Syphax Education Center



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.

Walk/ Bike Score = 67



Transit / Bikes Share Score = 19

## Contact information:

Syphax Education Center  
 2110 Washington  
 Boulevard  
 Arlington, VA 22204  
 Phone: 703.228.7200

## Type of Site:

Offices and Adult  
 Education

## Grade Levels:

Adult

## Summary Conditions

The Syphax Education Center are located at the Sequoia Building on Washington Boulevard, near Fort Myer and the interchange with Route 50. In 2013, the Syphax Education Center had 146 staff.

## Neighborhood Context

The Sequoia Building is located in a predominately residential neighborhood that abuts Fort Myer to the east. The neighborhood is mostly single-family detached housing, with some multifamily development to the north. The neighborhood streets are on a grid and have relatively small blocks. Washington Boulevard and Arlington Boulevard (Route 50) both run adjacent to the building, and Columbia Pike is .7 miles to the south.

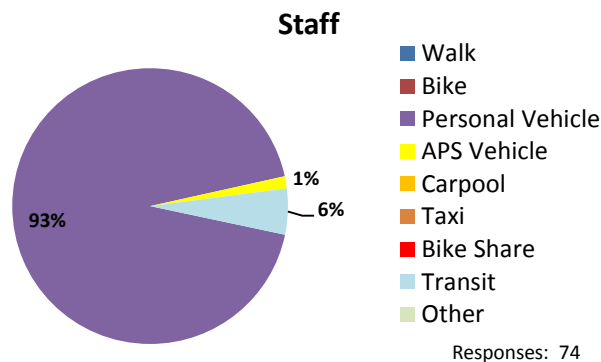
## Transportation Assets

Syphax has moderate transit access: there are multiple bus stops located in front of the building and nearby, and Clarendon Metrorail Station is 1.2 miles to the north. There are multiple Capital Bikeshare stations near the building, including one immediately outside and one within a block, on South Fillmore Street. There is an off-road multiuse trail that leads to the building from the north and a marked bicycle route (sharrows) on 2<sup>nd</sup> Street to the south. The sidewalk network in the area is mostly complete, though some sidewalks are quite narrow.

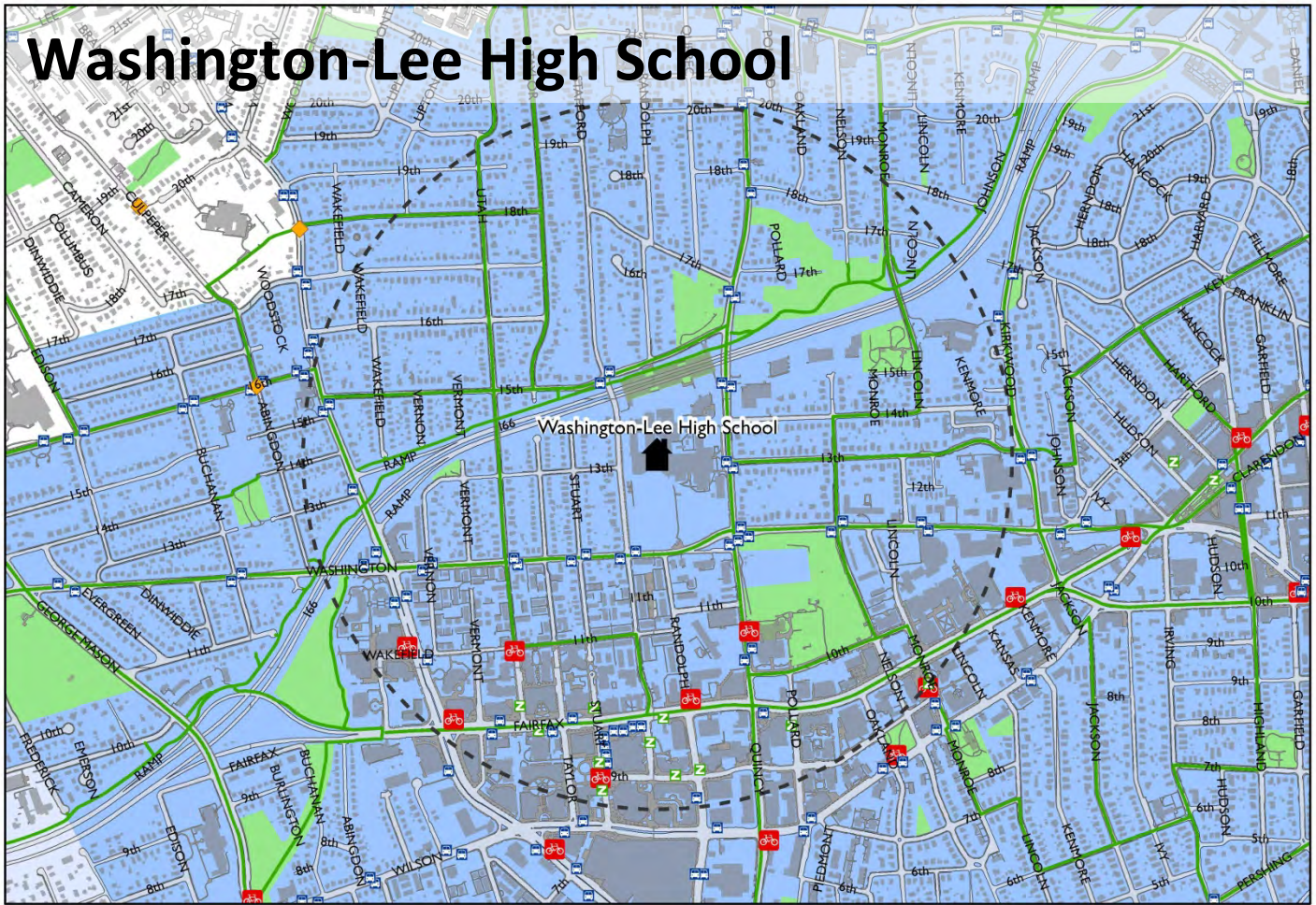
## Physical Barriers

The site can only be accessed from the northeast and south, due to the barriers created by Washington Boulevard, Arlington Boulevard and Fort Myer. There are relatively few crossings of Arlington Boulevard and those that exist are large and potential uncomfortable for pedestrians. In particular, the crossings at South Irving Street and South Fillmore Street are very large and busy intersections, though both have crossing signals and crosswalks.

## Existing Travel Modes (from 2013 School Surveys)

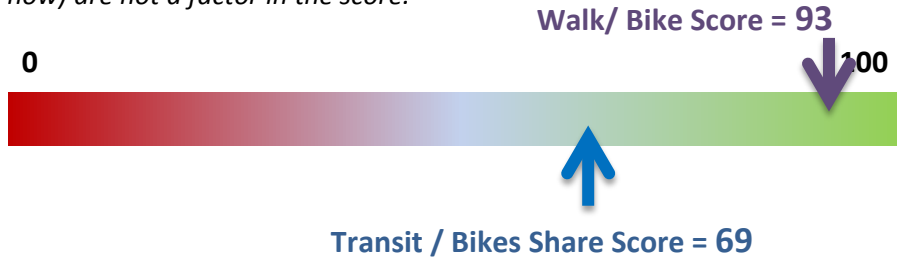


# Washington-Lee High School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Washington-Lee High School  
 1301 N Stafford Street  
 Arlington, VA 22201  
 Phone: 703.228.6200

## Type of Site:

High School

## Grade Levels:

9 - 12

## Summary Conditions

Washington-Lee High School is located on North Stafford Street in between Washington Boulevard and 15th Street N. In 2013, Washington-Lee High School had 1,952 students and 231 staff. The school boundary extends north to the area around Old Dominion Drive, east to the Potomac River, south to I-395, Arlington Boulevard, and Columbia Pike, and west to the County boundary.

## Neighborhood Context

This school is located in a dense residential neighborhood with a mix of single-family homes, townhouses, and multi-family buildings. The street network is generally arranged in a grid with medium-sized blocks and a complete sidewalk network. The school is .4 miles from the Ballston Metrorail Station and the commercial corridor along Wilson and Clarendon Boulevards. Washington Boulevard becomes commercial to the east of the site. The school is well integrated into the surrounding community and is situated adjacent to a county park and library.

## Transportation Assets

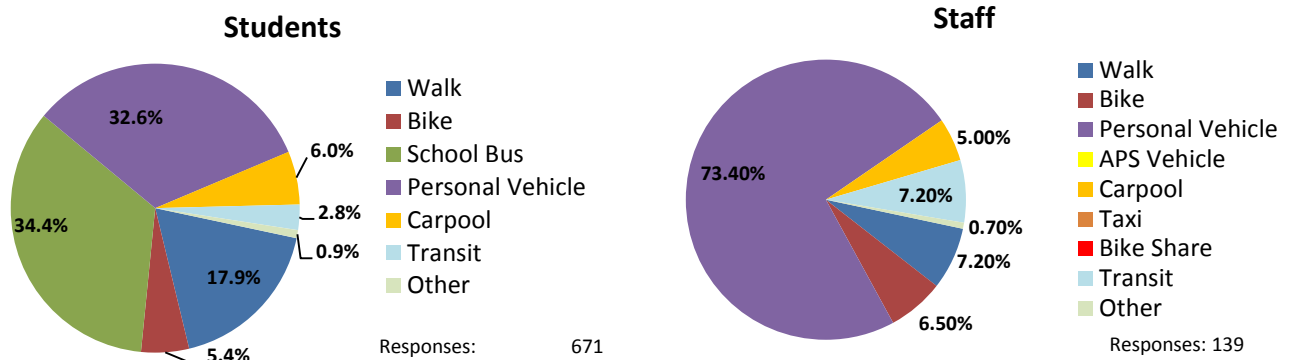
Washington-Lee High School has good access to transit. The Ballston Metrorail Station is .4 miles away from the school, there are several Capital Bikeshare stations less than .4 miles away. There are also several Zipcars available close to the metro station. There are six bus lines that run along Washington Boulevard, North Quincy Street, and 15th Street.

Bike lanes exist along North Quincy Street and there is an off-street trail (the Custis Trail) that runs along I-66 north of the school. The neighborhood streets appear to be quiet and comfortable for pedestrians and bicyclists.

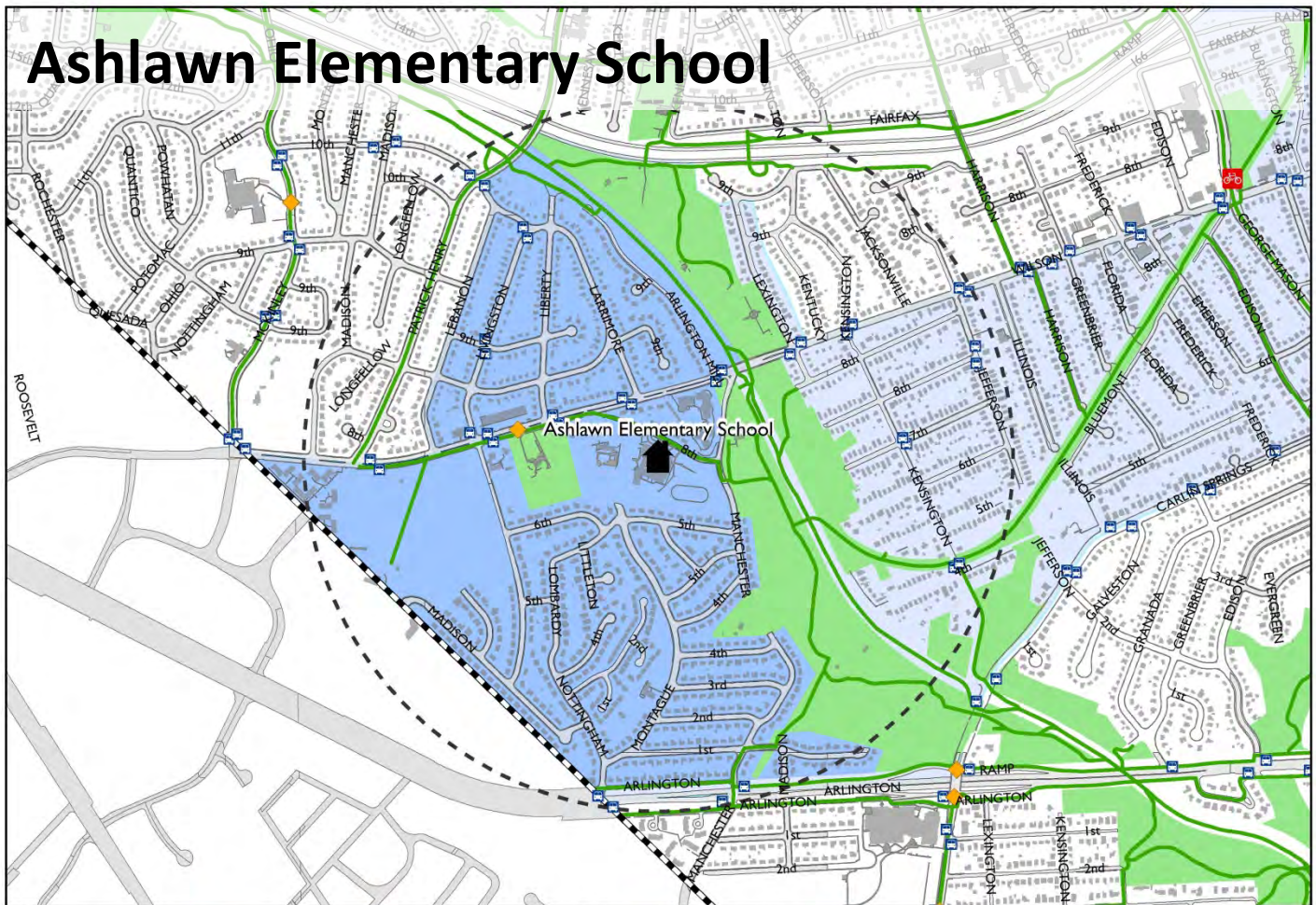
## Physical Barriers

There are no significant physical barriers, although I-66 creates limited access from the north.

## Existing Travel Modes (from 2013 School Surveys)

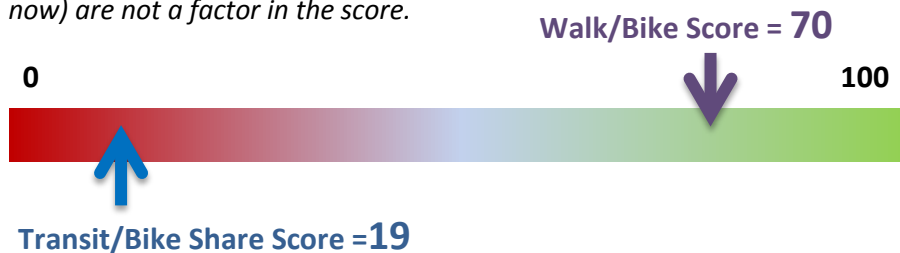


# Ashlawn Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Ashlawn Elementary School  
 5950 N 8<sup>th</sup> Road  
 Arlington, VA 22205  
 Phone: 703.228.5270

## Type of Site:

Elementary School

## Grade Levels:

Pre K-5

## Summary Conditions

Ashlawn Elementary School is located in west Arlington County, Virginia. This school is north of Arlington Boulevard, south of Wilson Boulevard and directly west of Bluemount Park. In 2013, Ashlawn Elementary School has 567 students and 94 staff members.

## Neighborhood Context

Ashlawn Elementary School is located close to several community amenities. The campus is south of Wilson Boulevard, east of Dominion Hills Recreation Center and directly west of Bluemount Park. The immediate neighborhood around the school is mostly comprised of single-family, detached homes. The streets in the area have complete sidewalks and are mostly oriented on a grid. The school is located about 1 mile from the Seven Corners commercial district.

## Transportation Assets

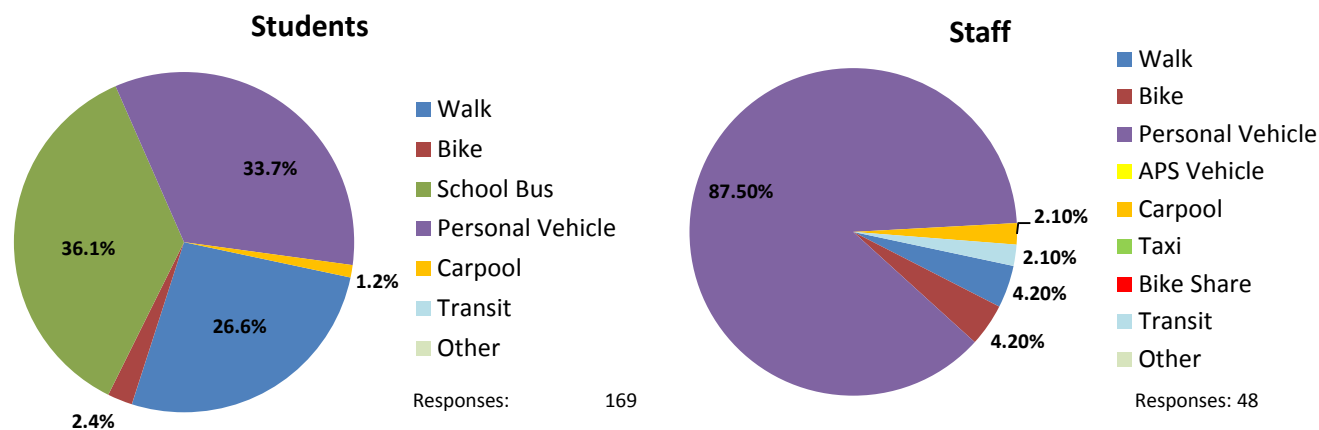
Ashlawn Elementary School has access to bus transit within two blocks on Wilson Boulevard. There is no access to Metro or Capital Bikeshare stations. The school has bike racks located at the front entrance. Ashlawn is within one block of the Four Mile Run Trail. There is street parking within the neighborhood; however there are parking restrictions on 8<sup>th</sup> Road directly in front of the school. In terms of traffic calming there are speed bumps located within the neighborhood on Livingston Street and Manchester Street. There are also rapid flashing beacons approaching the school from both directions on Manchester Street.

## Physical Barriers

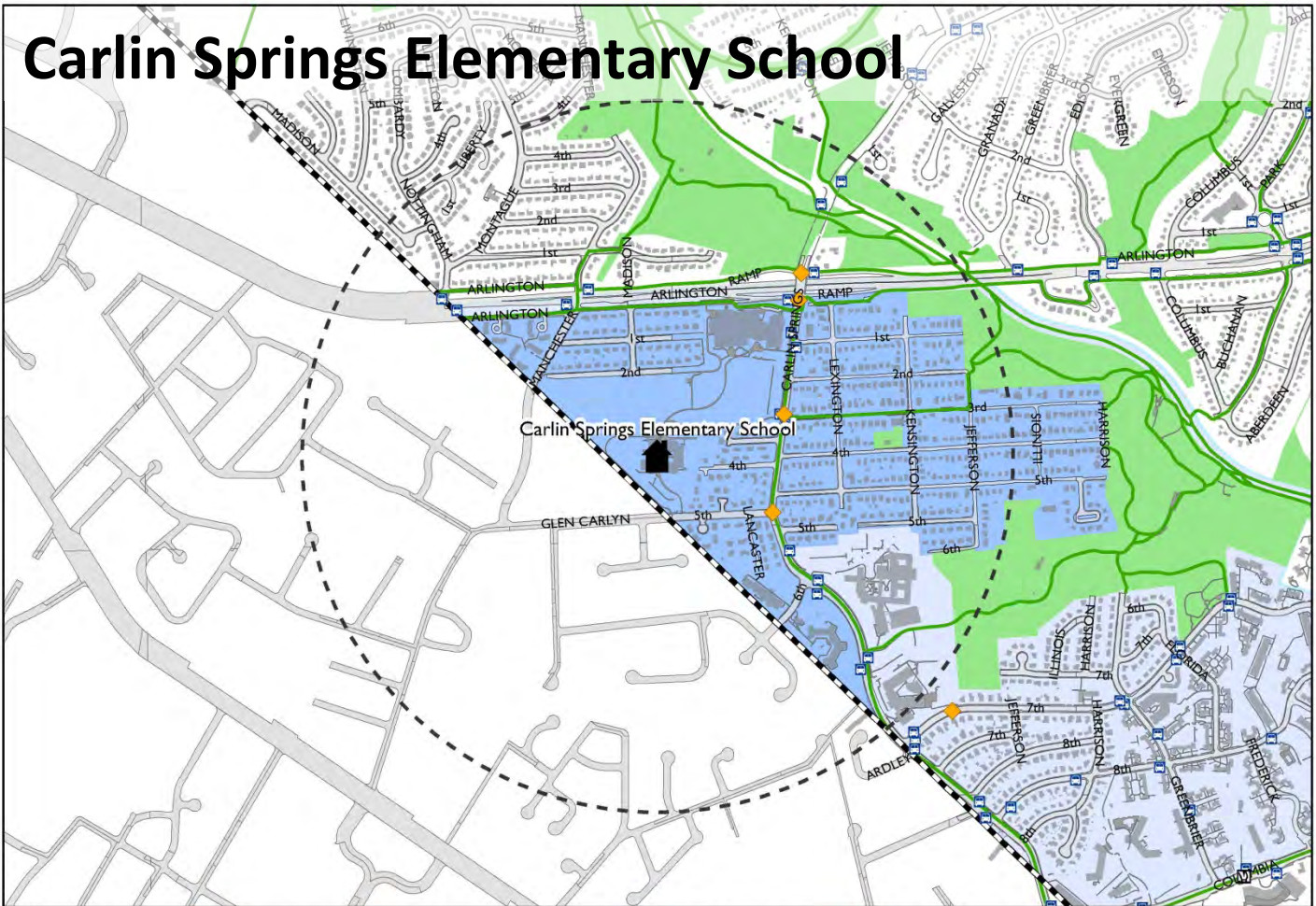
There is a steep slope directly south of the campus and a fence that separates the school from the residential dwellings to the south. Wilson Boulevard has a steep slope when approaching Manchester Street and Four Mile Run Trail. There is no through access to the recreation center or Wilson Boulevard from 8<sup>th</sup> Road.

The intersection at Wilson Boulevard and Manchester Street is difficult for pedestrians and cyclist to cross. This particular intersection is not signalized and does not have high-visibility crosswalks. Overall, Wilson Boulevard acts as an barrier due to high traffic speed, high traffic volume, and the elevation changes, which decrease visibility.

## Existing Travel Modes (from 2013 School Surveys)

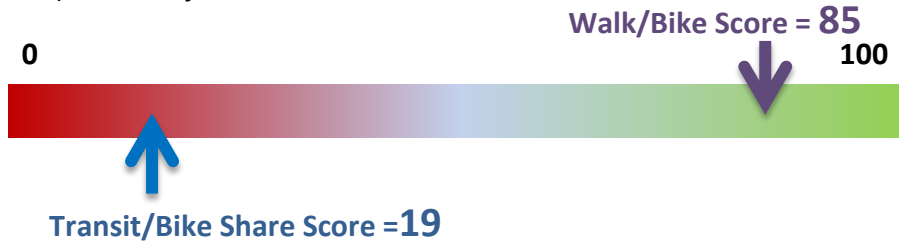


# Carlin Springs Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Carlin Springs  
Elementary School  
5995 S. 5th Road  
Arlington, VA 22204  
Phone: 703.228.6645

## Type of Site:

Elementary School

## Grade Levels:

Pre K-5

## Summary Conditions

Carlin Springs Elementary School is located on 5<sup>th</sup> Road in west Arlington County, Virginia. The school boundary extends to the county boundary directly west of the campus. In 2013, Carlin Springs Elementary School has 584 students and 109 staff members.

## Neighborhood Context

Carlin Springs Elementary School is mostly surrounded by residential development, with the majority being single-family detached housing. Carling Springs adjoins Kenmore Middle School. The two institutions are directly connected by paved pathways and share some athletic fields. The neighborhood streets in the area are generally on a grid, multiple dead-end streets in the area decrease direct access to the school from surrounding homes. The majority of the surrounding streets allow street parking and have a complete sidewalk network.

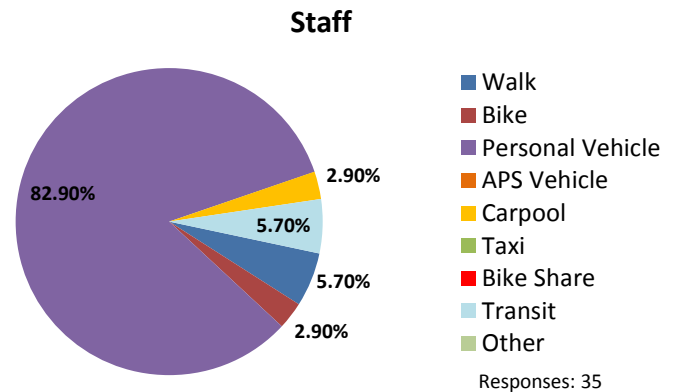
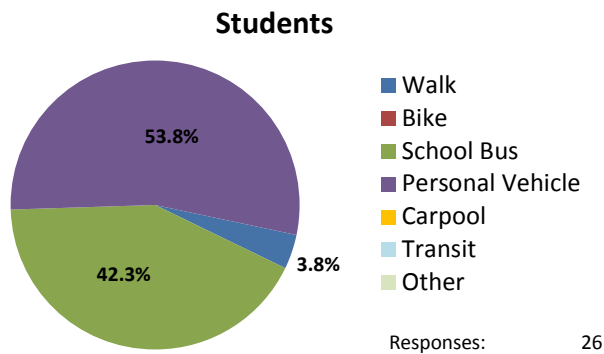
## Transportation Assets

Carlin Springs Elementary school has access to bus transit within two blocks of the campus. There is no access to Metro or Capital Bikeshare stations. There are bike racks at the front entrance of the school on the south side of campus and on the north side of campus near the basketball courts. This school has a vehicular parking lot that uses a permeable surface to help with stormwater run-off. There is some traffic calming in this area and most of the intersections immediately surrounding the school have marked crosswalks. There are rapid flashing beacons on 5<sup>th</sup> Road approaching the school from both directions.

## Physical Barriers

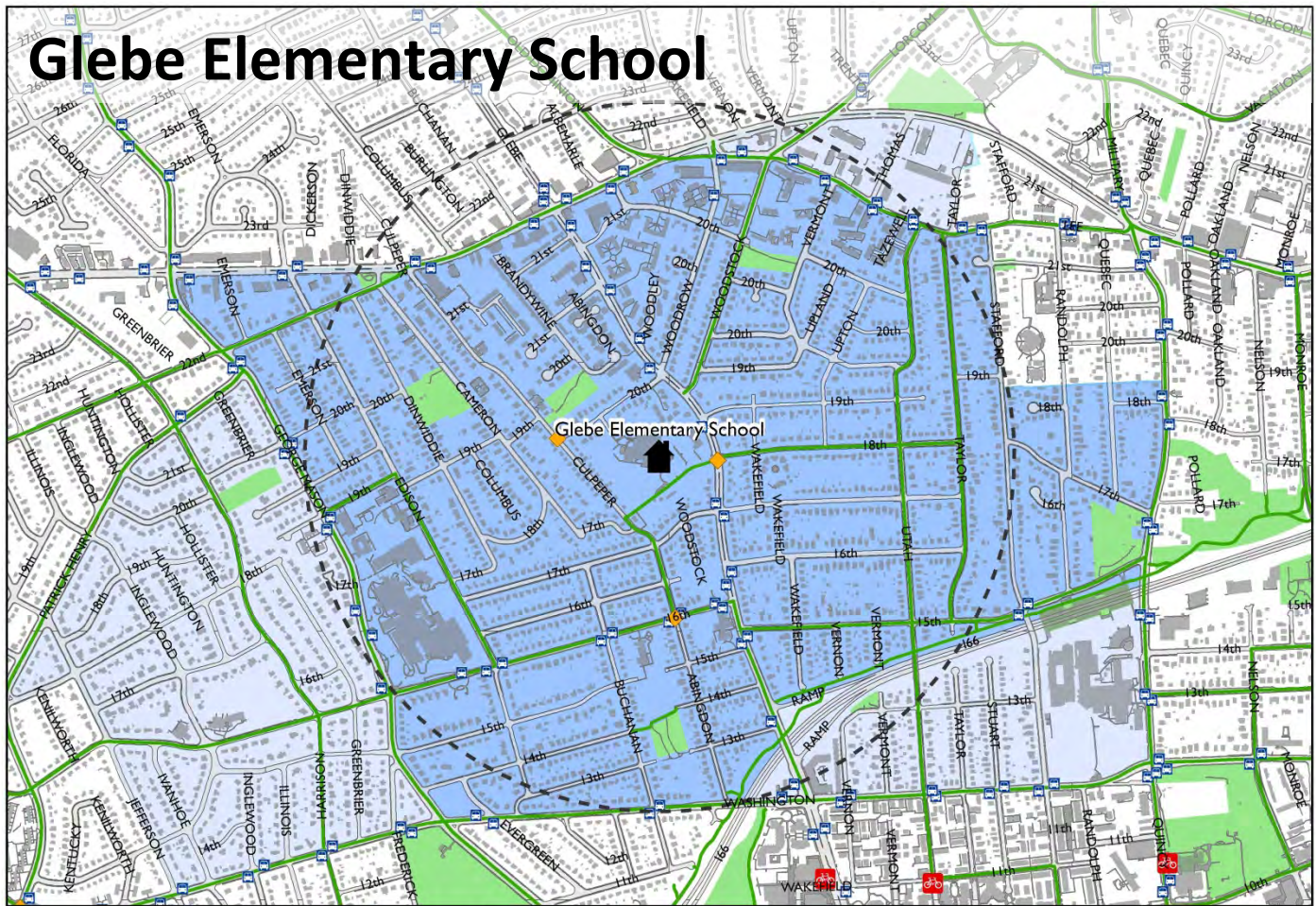
The main physical barrier is 5<sup>th</sup> Road. The street is wide and has relatively high traffic volume, but there is not a clear, well-marked place for pedestrians to cross. In addition, the fractured street grid decreases the potential walkability between the school and homes in the area.

## Existing Travel Modes (from 2013 School Surveys)



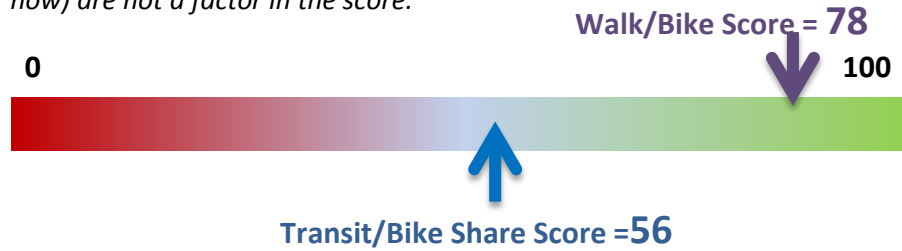


# Glebe Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Glebe Elementary School  
 1770 N Glebe Rd  
 Arlington, VA 22207  
 Phone: 703.228.6280

**Type of Site:**  
 Elementary School

**Grade Levels:**  
 K-5

## Summary Conditions

Glebe Elementary School is located on North Glebe Road. The surrounding streets are North Culpeper Street, 17<sup>th</sup> Street North, and 20<sup>th</sup> Street North. This school is surrounded by residential streets and a commercial shopping center north of the campus. In 2013, the school has 563 students and 86 staff members.

## Neighborhood Context

Glebe Elementary School is located in a walkable, mostly residential neighborhood. There are three direct connections from surrounding streets onto the school campus. The surrounding neighborhood streets allow on-street parking. The surrounding street network is mostly on a grid though there are a few dead-end streets in the area. There is a small park north of the campus with access from Culpeper Street and Brandywine Street.

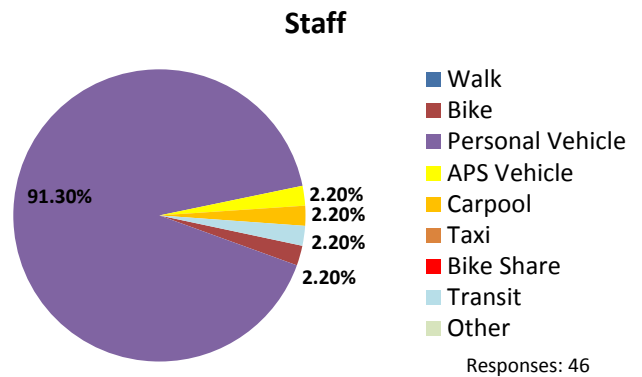
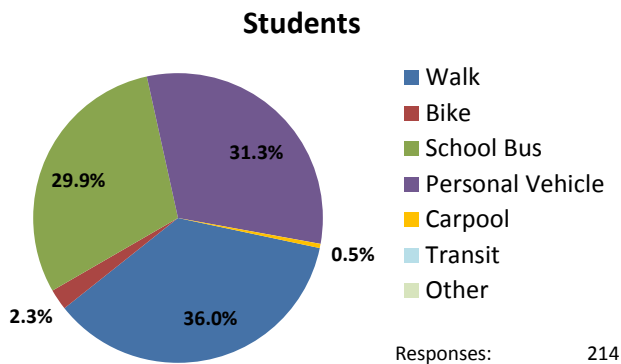
## Transportation Assets

Glebe Elementary has minimal access to public transit. There are bus stops within two blocks of the campus. There is no access to Metro or Capital Bikeshare stations. The main entrance of the school at Glebe Road and 18<sup>th</sup> Street is signalized and has high-visibility crossing. There are well-used bike racks on campus at the front entrance of the building. On the south side of campus there is a well-lit trail that directly connects Glebe Road to Culpeper Street. The north-west side of campus has stairs that connect to 20<sup>th</sup> Street. To the north, there is a footpath that connects the school to 20<sup>th</sup> Street. Most of the surrounding streets have complete sidewalks; however, there are some without sidewalks or with sidewalks only on one side of the street.

## Physical Barriers

Glebe Road is a high-traffic, high-volume, wide street that acts as a barrier for pedestrians accessing the school. Other barriers around the campus are the elevation changes: 20<sup>th</sup> Street north of the campus has several steep slopes and no sidewalks. The access from 20<sup>th</sup> Street to Culpeper Street consists of wide step stairs.

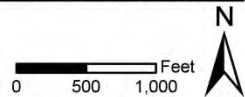
## Existing Travel Modes (from 2013 School Surveys)



# H.S. Continuation-Langston

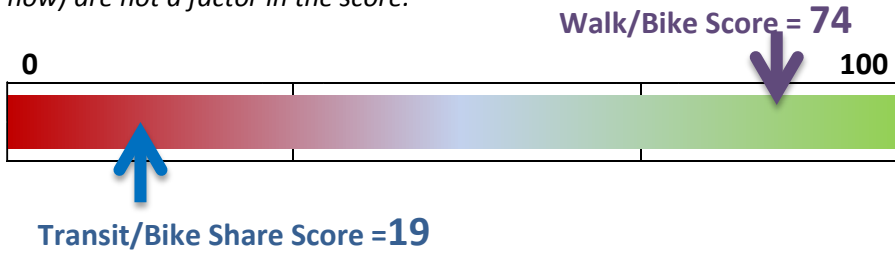


-  APS Site
-  Crossing Guards
-  Bus Stops (Metrobus and ART)
-  Bike Routes/Trails
-  Metro Station
-  County Boundary
-  Parks
-  Car Share
-  Capital Bikeshare
-  Sidewalks



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

H.S. Continuation-Langston School  
 2121 North Culpeper  
 Arlington, VA 22207  
 Phone: 703.228.5295

## Type of Site:

High School  
 Continuation Program

## Grade Levels:

9-Adult

## Summary Conditions

H.S. Continuation-Langston School is located at the intersection of Lee Highway and Culpeper Street in Arlington County, Virginia.

### Neighborhood Context

H.S. Continuation-Langston School is surrounded by a combination of commercial and residential buildings. The residential streets are on a grid and have complete sidewalks. There are a variety of restaurants and shops within the immediate vicinity of the school. Woodstock Park is located to the southwest and Highview Park, located one block south, has athletic fields and amenities for all ages. There is also a community center within three blocks of the campus. The school has a parking lot however street parking is allowed on most of the residential streets.

### Transportation Assets

H.S Continuation-Langston School has bus access on the north side of the campus on Lee Highway. There is a signalized intersection with high-visibility crosswalks on Lee Highway where it intersects with Culpeper. There are bike racks on the west side of campus and bike routes within the surrounding neighborhood. This school does not have access to Metro or Capital Bikeshare stations. In terms of traffic calming, there are speed humps on some of the nearby neighborhood streets.

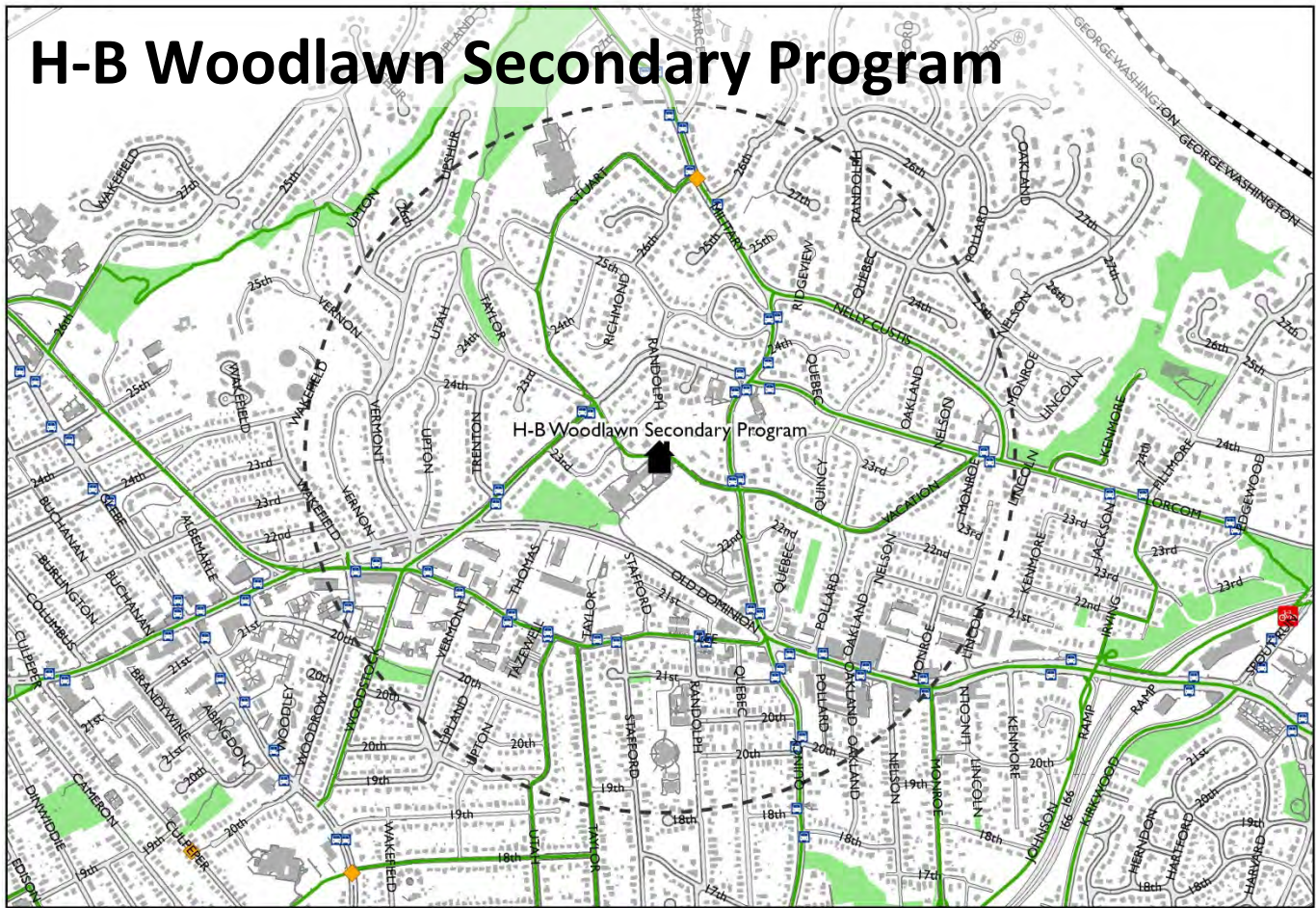
### Physical Barriers

Lee Highway acts as a physical barrier because of the width and high traffic volumes of the street. Also, the residential streets that surround the school on the southern side of Lee Highway have very steep elevation, decreasing visibility.

### Existing Travel Modes (from 2013 School Surveys)

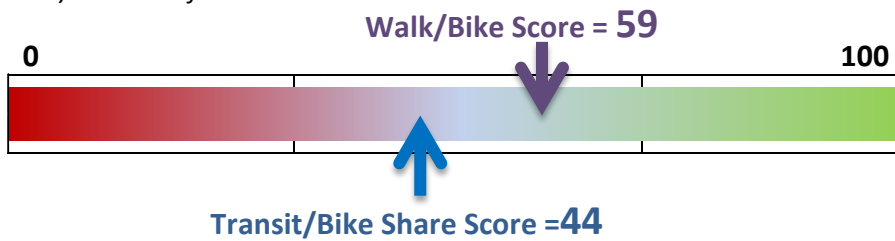
*(Low survey response rates/Data not available)*

# H-B Woodlawn Secondary Program



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

H-B Woodlawn  
 Secondary Program  
 4100 N Vacation Lane  
 Arlington, VA 22207  
 Phone: 703.228.6363

## Type of Site:

Middle and High School

## Grade Levels:

6-12

## Summary Conditions

H-B Woodlawn Secondary Program is located in northwest Arlington County, Virginia. The campus is on Vacation Lane and immediately north of Lee Highway/US Route 29. In 2013, H-B Woodlawn has 635 students and 81 staff members.

## Neighborhood Context

H-B Woodlawn Secondary Program campus is predominately surrounded by residential homes including both single-family detached and multifamily housing. The neighborhood also includes a fire station, library, several parks and some commercial development along Lee Highway and Glebe Road. The street network is a partial grid and the immediate neighborhood has some streets that are without sidewalks and crosswalks, though these are mostly on quiet, residential streets. This school is also connected to the Stratford Program, which shares the same building.

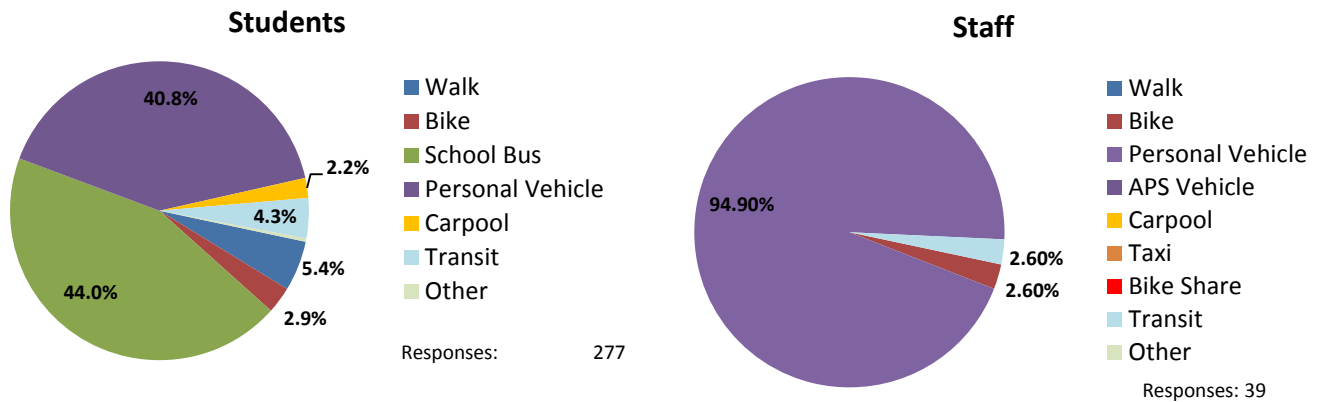
## Transportation Assets

H-B Woodlawn Secondary Program has access to bus transit within two blocks of the campus. There are no Capital Bikeshare stations located nearby and the nearest Metrorail station is 1.5 miles away, at Virginia Square. This school's bike racks, located at the front entrance, appear to be highly utilized. There are bicycle lanes on Lorcom Lane north of the campus. These lanes transition to shared-use lanes as they approach the intersection of Old Dominion Drive and Lorcom Lane. Lorcom is a very high traffic volume street and the bike lanes are often used. There is a concrete pathway with stairs that directly connect the facility (through the Stratford faculty parking lot) to Old Dominion Drive. There are three major intersections surrounding the campus. These intersections are signalized and include visible crosswalks.

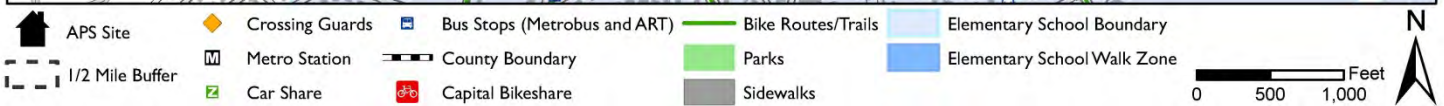
## Physical Barriers

The school is located on Vacation Lane, which is steep and narrow. There are only sidewalks on one side of the road for a portion of the road. The south side of campus has a very steep slope connecting to Old Dominion Drive. There is also fencing around the campus boundary along Old Dominion Drive and there is only one entrance along this long corridor to the school.

## Existing Travel Modes (from 2013 School Surveys)

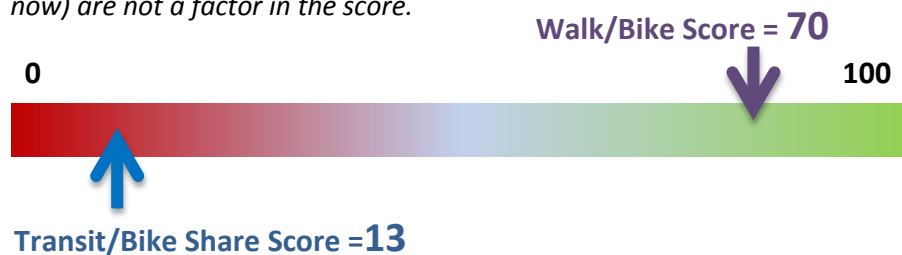


# Jamestown Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Jamestown Elementary School  
 3700 N Delaware Street  
 Arlington, VA 22207  
 Phone: 703.228.5275

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Jamestown Elementary School is located in the north section of Arlington County, about 1.5 miles from the Potomac River and the boundary with D.C. This school sits west of Glebe Road at the intersection of Albemarle Street. The school boundary extends north and east to the county line, south to Yorktown Boulevard and west to N Kensington Street. In 2013, Jamestown Elementary School had 614 students and 84 staff.

## Neighborhood Context

Jamestown Elementary is surrounded by single-family, detached residential homes. The neighborhood is very walkable and has sidewalks on the majority of the streets. The street network is mostly a grid although there are some cul-de-sac streets. Most streets have parking on both sides. The school is north of Jamestown Park, which has tennis courts and green open space.

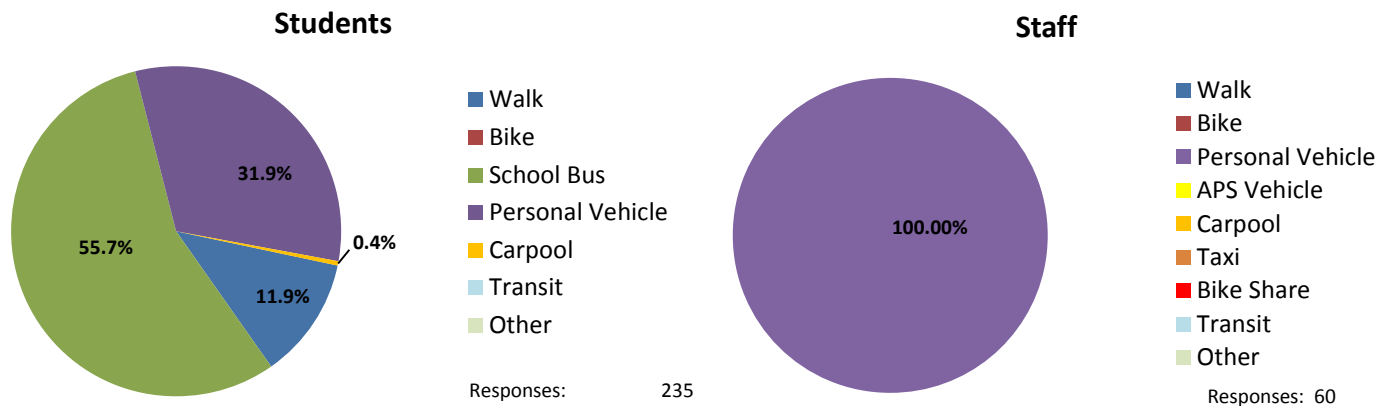
## Transportation Assets

Jamestown Elementary School has access to bus transit within three blocks. There are bus stops on Williamsburg Boulevard near the intersections with Glebe Road. There is no access to Metro or Capital Bikeshare stations in this immediate area. There are several paths/sidewalks that provide access points to the school from 38<sup>th</sup> Street to the north and North Dickerson Street to the south. There are bike racks at the front entrance of the school, on the east side of campus. There are bike lanes on Williamsburg Boulevard that end at the signalized intersection of Glebe Road. In terms of traffic calming, there are speed humps located on Albemarle Street. This road has a steep slope.

## Physical Barriers

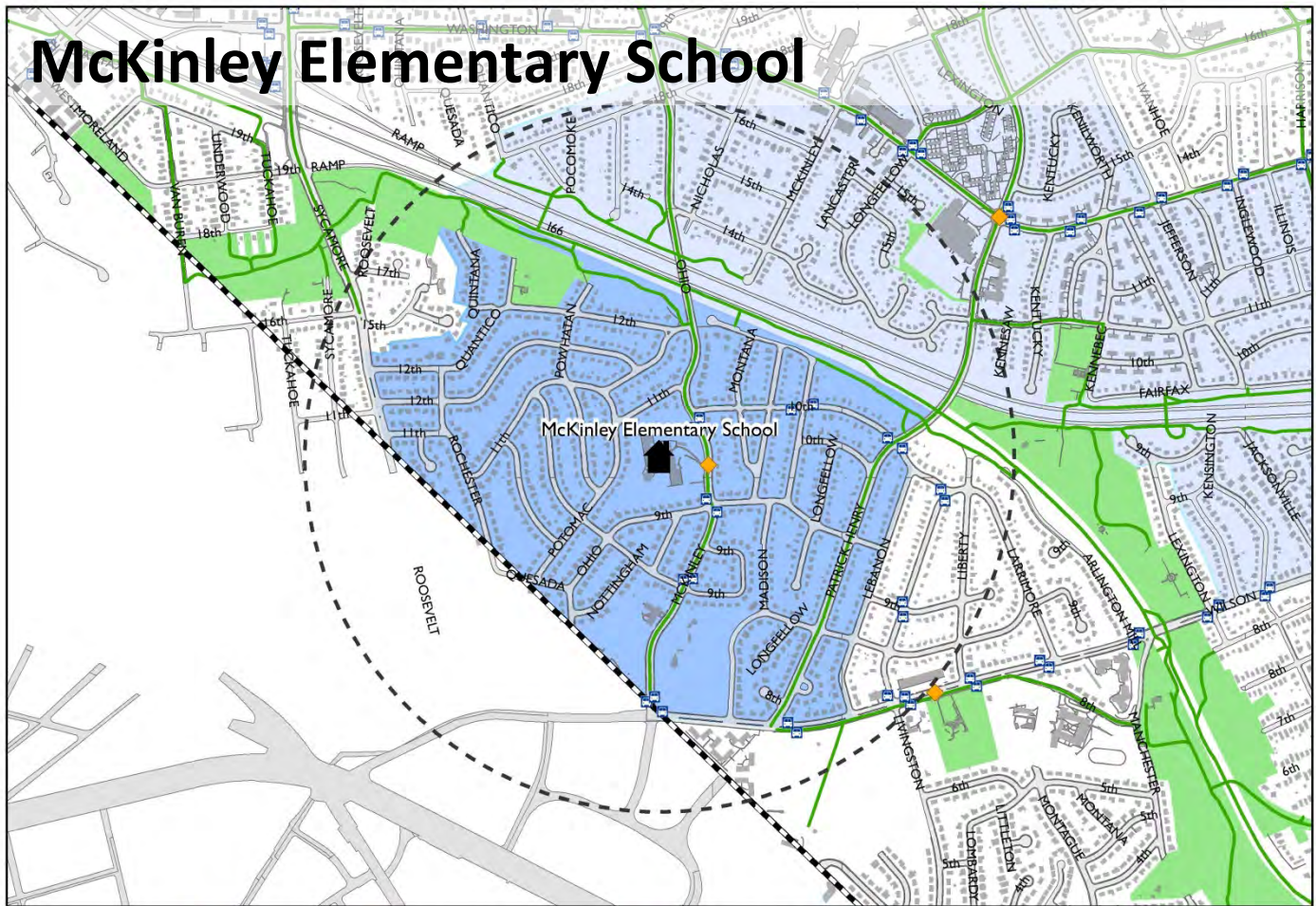
There is a hill to the north of the school with a fence at the top that wraps around the athletic fields. This decreases connectivity to the northern homes. There is also a steep slope on the southwest side that directly connects to Jamestown Park. This park is open to the public and is an opportunity to utilize that for students to have better access from the residences to the south. Overall, the major barriers in the general vicinity are the extreme elevation changes on and off school campus.

## Existing Travel Modes (from 2013 School Surveys)





# McKinley Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

McKinley Elementary School  
 1030 N McKinley Road  
 Arlington, VA 22205  
 Phone: 703.228.5280

## Type of Site:

Elementary School

## Grade Levels:

K - 5

## Summary Conditions

McKinley Elementary School is located on McKinley Road in northwestern Arlington County. This school is a 1/2 mile from the county boundary. In 2013, McKinley Elementary School had 540 students and 71 staff members.

## Neighborhood Context

The neighborhood surrounding McKinley Elementary School is predominantly single-family, detached homes located on a connected, gridded street network. The streets allow for street parking, have complete sidewalk networks, and only a few dead-end streets. The campus is located just south of i-66 and the Seven Corners commercial district is located less than one mile to the southeast of McKinley.

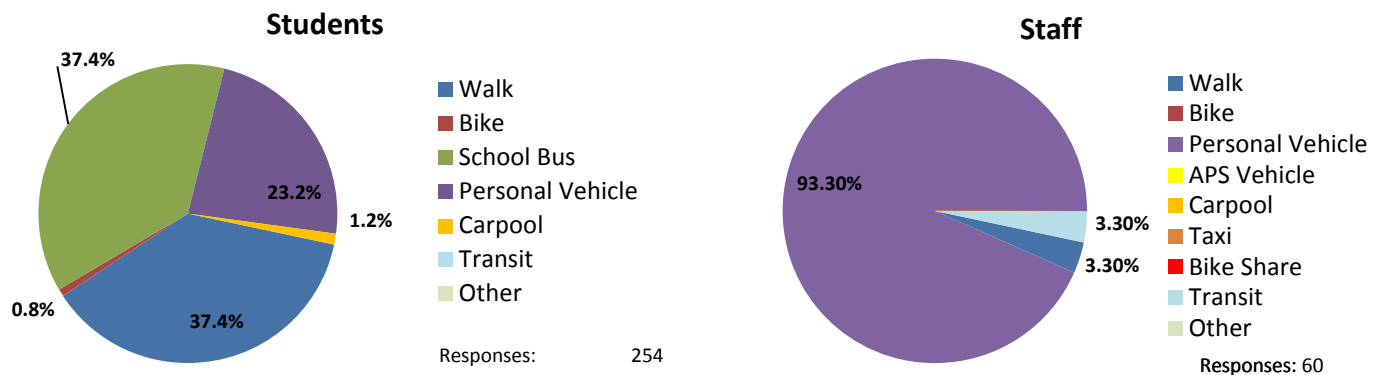
## Transportation Assets

McKinley Elementary School has access to bus transit within one block of its location. There is no access to Metro or Capital Bikeshare nearby. There are bike lanes along McKinley Road and the Washington and Old Dominion Trail is located one block away. The main entrance to the school is on McKinley Road, although there is a footpath providing access to the campus from 11<sup>th</sup> Street North. McKinley Road is a high-volume street, but there are rapid flashing beacons and signs in both directions that alert drivers that they are approaching a school.

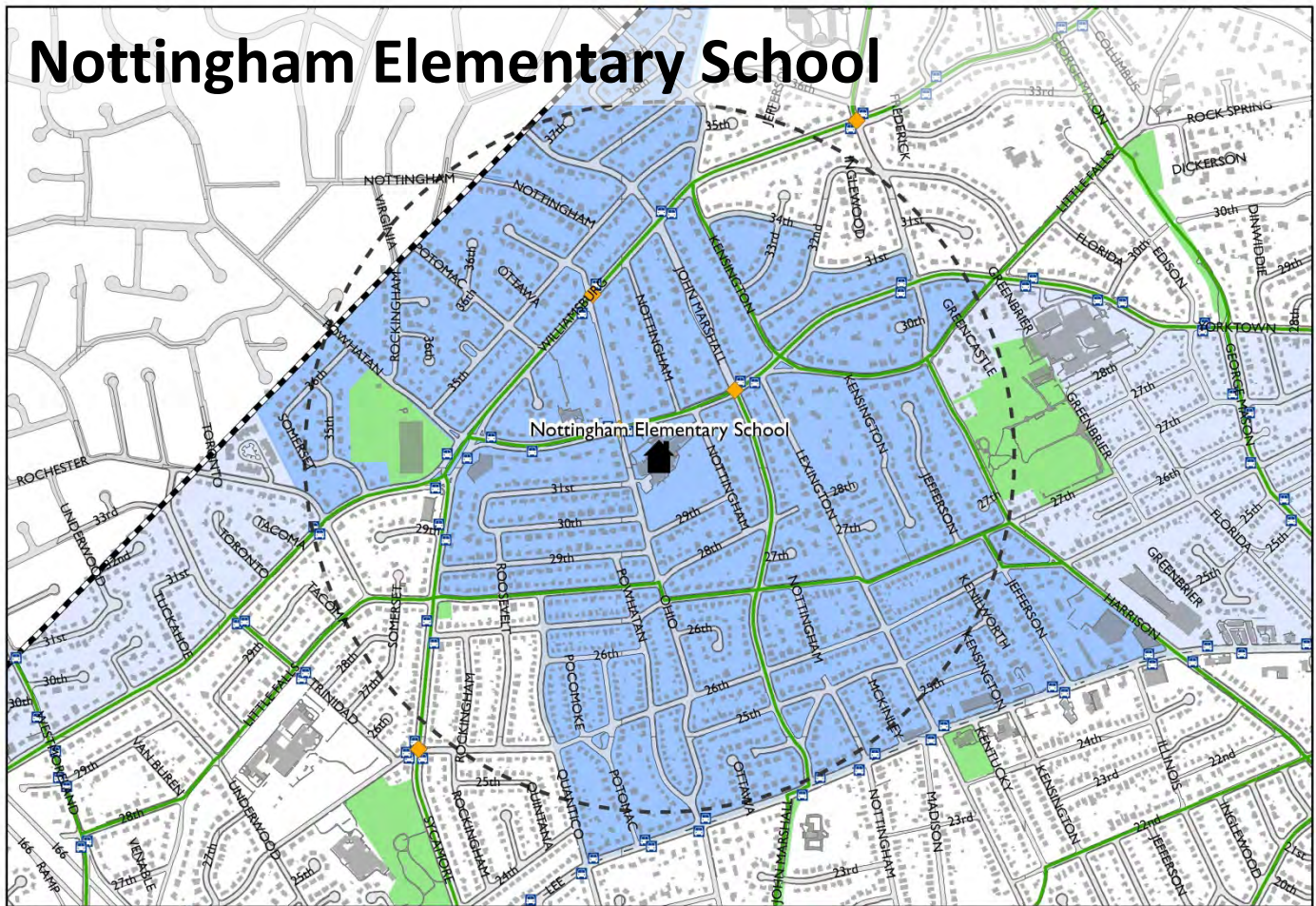
## Physical Barriers

McKinley Road is very steep as it approaches the school from the south. Some of the residential streets have significant elevation changes which decreases visibility for pedestrians, cyclists and vehicles. McKinley Road acts as a barrier due to the quantity of vehicles that use this road. Although there are crosswalks making it easier to cross, there are points in the road where visibility is relatively limited.

## Existing Travel Modes (from 2013 School Surveys)

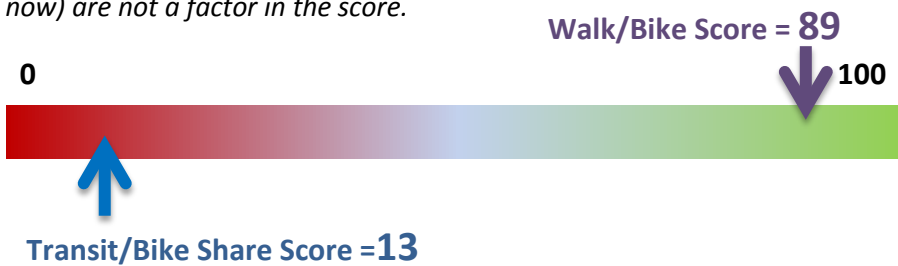


# Nottingham Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Nottingham Elementary School  
 5900 Little Falls Rd.  
 Arlington, VA 22207  
 Phone: 703.228.5290

## Type of Site:

Elementary School

## Grade Levels:

K - 5

## Summary Conditions

Nottingham Elementary School is located in the north region of Arlington County, Virginia. Nottingham Elementary School is situated directly off of Little Falls Road and east of Williamsburg Boulevard. In 2013, Nottingham had 741 students and 84 staff members.

## Neighborhood Context

The surrounding neighborhood is mostly single-family detached homes on a gridded street network. The neighborhood is walkable and includes a complete sidewalk network. There are high-visibility crosswalks on the west side of the campus and directly in front of the campus crossing Little Falls Road. The east side of campus is completely open and provides great connectivity to that side of the neighborhood.

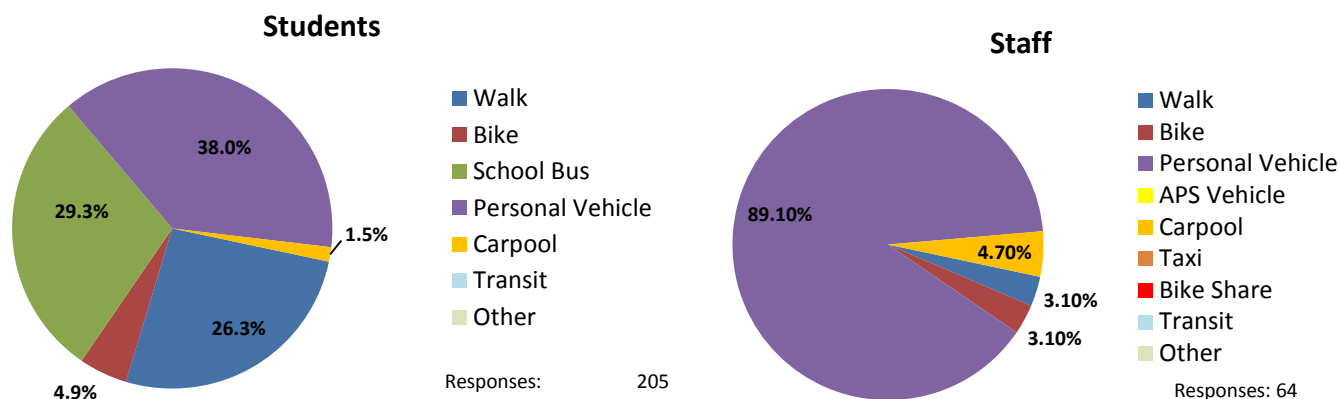
## Transportation Assets

Nottingham Elementary School has bus stops located next to the school parking lot on North Little Falls Road. This school does not have access to Metro or Capital Bikeshare stations. There are heavily-used bicycle racks at the front entrance of the school on the north side of the building. There are bicycle lanes connecting to Nottingham along Little Falls Road, although on the block directly in front of the school the bicycle lanes transition into shared-use lanes. There are also bike lanes on John Marshall Drive which is east of the school and intersects with Little Falls Road. There are speed humps on Lexington Street and 27<sup>th</sup> Street to the east of the campus. Also, there are rapid flashing beacons on Little Falls Road both east and west of the school.

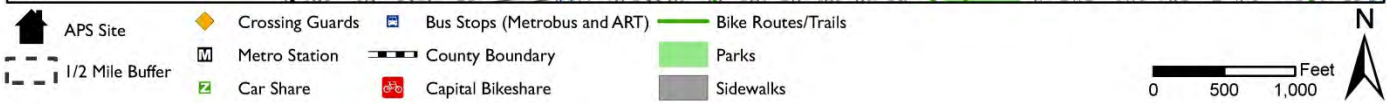
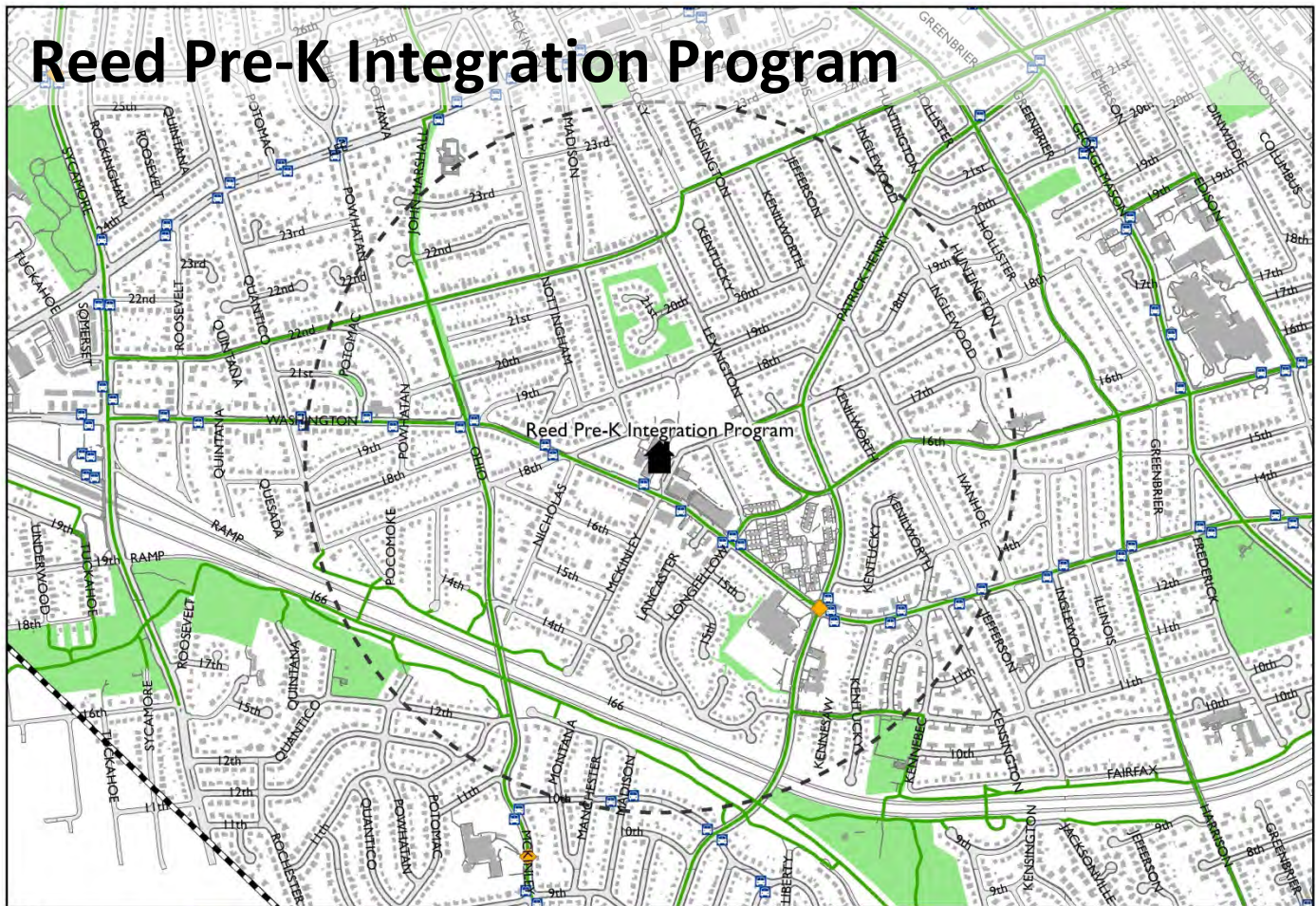
## Physical Barriers

The biggest barrier for pedestrians is the high volume of traffic on Little Falls Road, which could make it difficult to cross for some pedestrians. Another minor barrier is the condition of some pathways/sidewalks around the school. Some are quite narrow and in poor condition.

## Existing Travel Modes (from 2013 School Surveys)

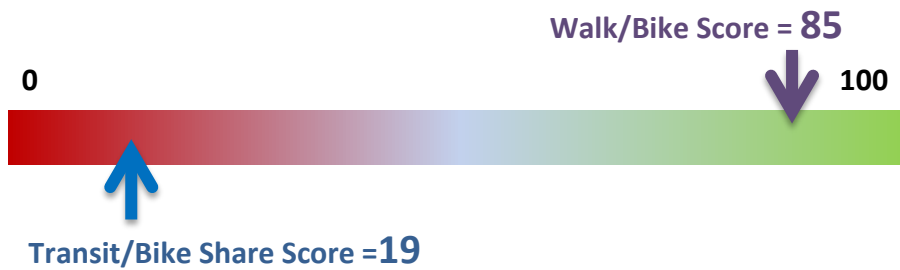


# Reed Pre-K Integration Program



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Reed Pre-K Integration Program  
 1644 N McKinley Road  
 Arlington, VA 22205  
 Phone: 703.228.2760

## Type of Site:

Pre-kindergarten  
 Integration Program

## Grade Levels:

Pre-School

## Summary Conditions

Reed Pre-K Integration Program is located in west Arlington County, Virginia. This program is in the Reed-Westover Building, in the same facility as the Westover Library. In 2013, Reed Pre-K Integration Program had 22 students and 33 staff members.

## Neighborhood Context

The surrounding neighborhood consists of mostly residential homes and commercial buildings. There are several commercial buildings along Washington Boulevard directly south of the Westover Building. The street network is a grid and has a mostly complete network of sidewalk network. There are some streets that only have sidewalks on one side of the street. There are access points to the campus from the northern side through the neighborhood. There is a paved path that connects from 19<sup>th</sup> street through the campus south toward 18<sup>th</sup> street. Swanson Middle School is located two blocks away.

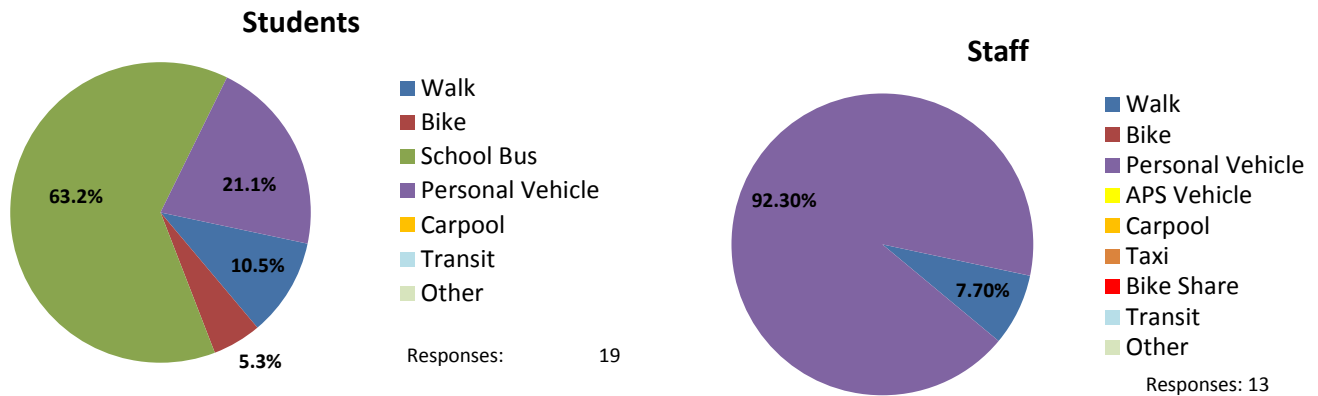
## Transportation Assets

Reed Pre-K Integration program has access to bus transit within one block. There is no access to Metro or Capital Bikeshare stations. There are bicycle lanes along Washington Boulevard that begin at Longfellow Street. There are high visibility crosswalks and speed bumps throughout the neighborhood for traffic calming. The intersection at McKinley Road and Washington Boulevard is signalized and has well-marked crosswalks.

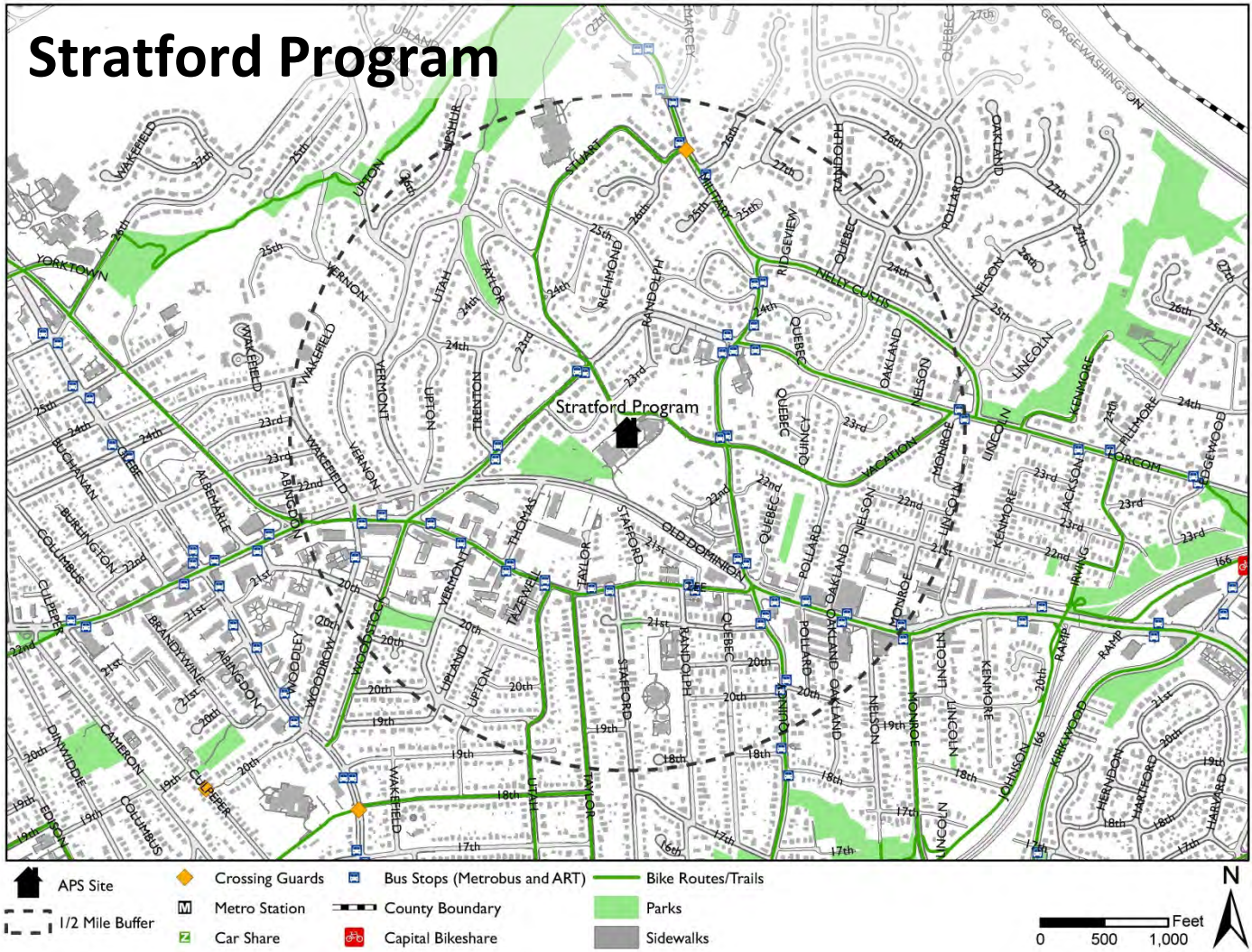
## Physical Barriers

There are no physical barriers.

## Existing Travel Modes (from 2013 School Surveys)

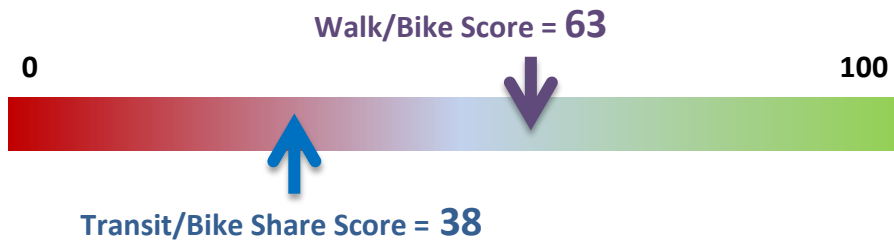


# Stratford Program



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Stratford Program  
 4102 Vacation Lane  
 Arlington, VA 22207  
 Phone: 703.228.6440

## Type of Site:

Secondary Program

## Grade Levels:

6-12

## Summary Conditions

Stratford Program is located in northwest Arlington County, on the same campus with H.B. Woodlawn Secondary School. The campus is on Vacation Lane, immediately north of Old Dominion Drive. In 2013, Stratford Program had 48 students and 41 staff members.

## Neighborhood Context

The Stratford Program site is predominately surrounded by residential homes including both single-family detached and multifamily housing. The neighborhood also includes a fire station, library, several parks and some commercial development along Lee Highway and Glebe Road. The street network is a partial grid and the immediate neighborhood has some streets that are without sidewalks and crosswalks, though these are mostly on quiet, residential streets.

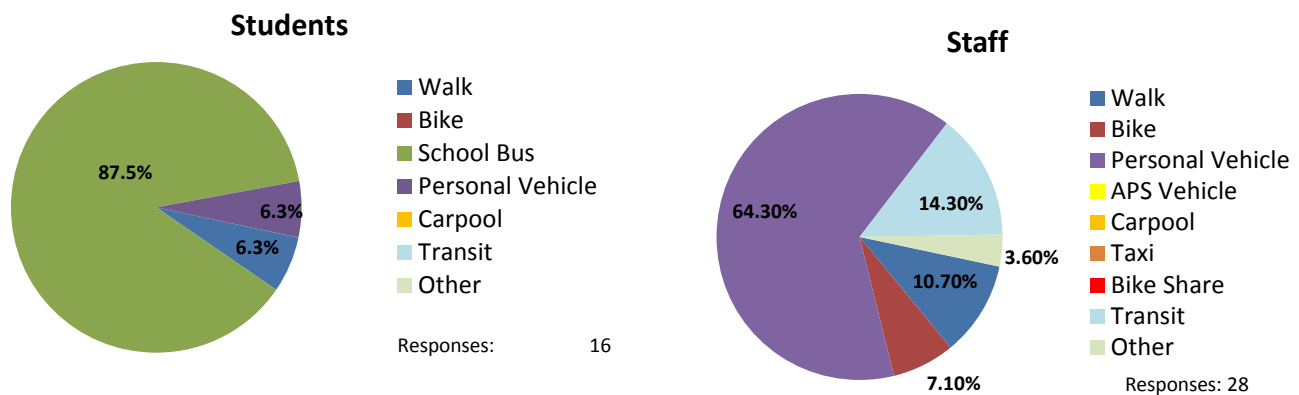
## Transportation Assets

Stratford Program has access to bus transit within two blocks of the campus. There are no Capital Bikeshare stations located nearby and the nearest Metrorail station is 1.5 miles away, at Virginia Square. The bike racks at the entrance to H.B. Woodlawn appear to highly utilized. There are bicycle lanes on Lorcom Lane north of the campus. These lanes transition to shared-use lanes as they approach the intersection of Old Dominion Drive and Lorcom Lane. Lorcom is a very high traffic volume street and the bike lanes are often used. There is a concrete pathway with stairs that directly connects the Stratford faculty parking lot to Old Dominion Drive. There are three major intersections surrounding the campus. These intersections are signalized and include visible crosswalks.

## Physical Barriers

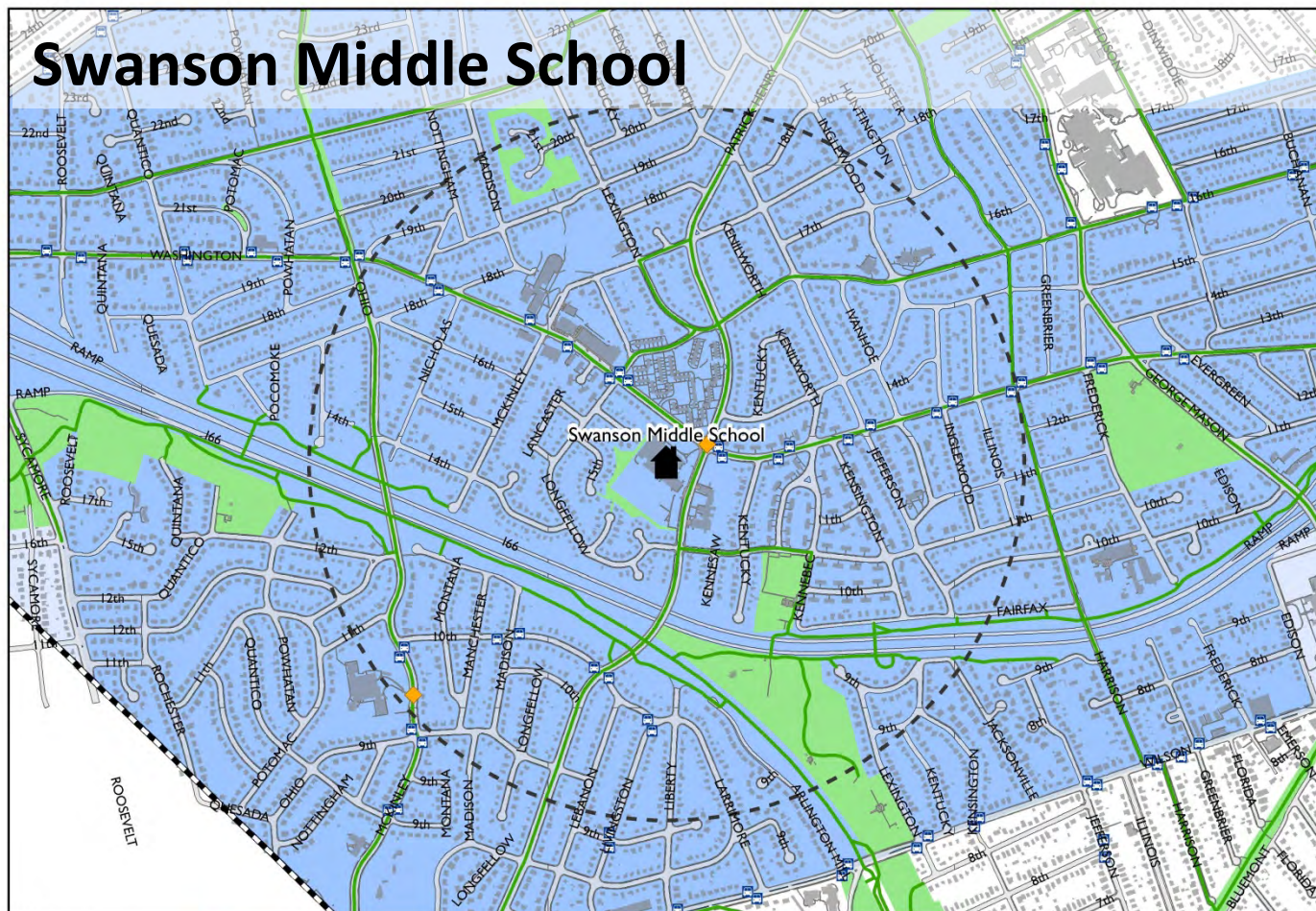
The school is located on Vacation Lane, which is steep and narrow. There are only sidewalks on one side of the road for a portion of the road. The south side of campus has a very steep slope connecting to Old Dominion Drive. There is also fencing around the campus boundary along Old Dominion Drive and there is only one entrance along this long corridor to the school.

## Existing Travel Modes (from 2013 School Surveys)



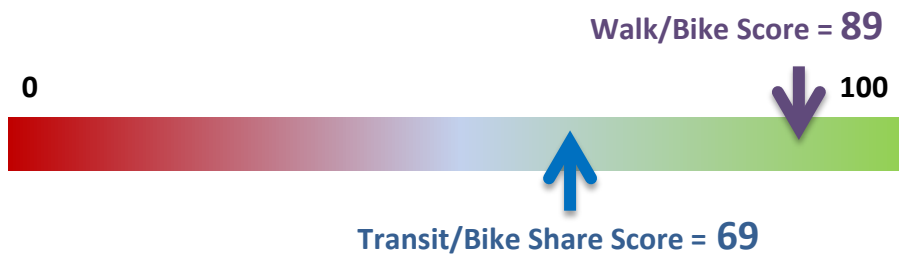


# Swanson Middle School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Swanson Middle School  
 5800 Washington Blvd.  
 Arlington, VA 22205  
 Phone: 703.228.5500

**Type of Site:**  
 Middle School

**Grade Levels:**  
 6 - 8

## Summary Conditions

Swanson Middle School is located on Washington Boulevard between Longfellow Street and Patrick Henry Drive in the western Arlington County. The school boundary extends east to west across the county, roughly following the I-66 corridor. In 2013, Swanson had 944 students and 134 staff.

## Neighborhood Context

Swanson Middle School is located in a walkable neighborhood. The area has a mixture of residential and commercial development. The street network is a partial grid, with several dead-end streets surrounding the school. The residential streets to the north and south of Washington Boulevard have complete sidewalks. The majority of the residential development is comprised of single-family homes. The residential streets are wide and allow on-street parking on both sides. The commercial area north of the campus off of Washington Boulevard consist of a market, hardware store, convenience store, restaurants and several other businesses.

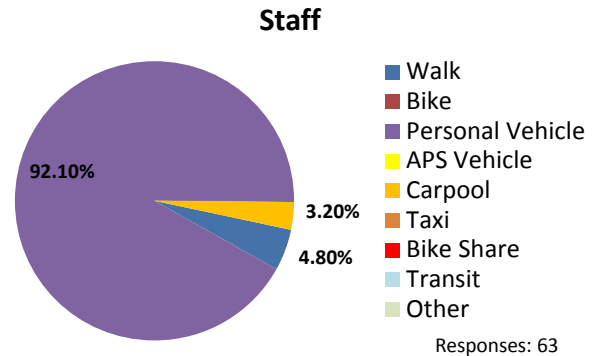
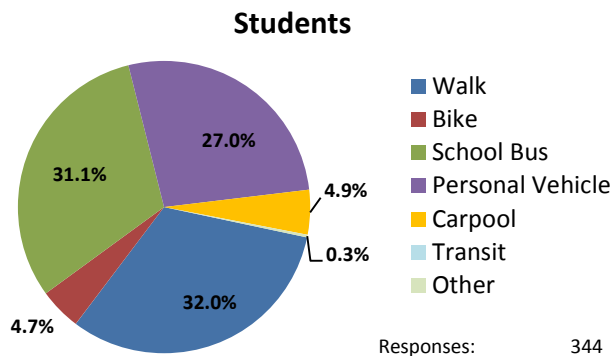
## Transportation Assets

Swanson Middle has minimal access to public transit. There are bus stops within one block of the campus, but there is no access to Metro or Capital Bikeshare. There are bicycle lanes on Washington Boulevard and Patrick Henry Drive. The intersection of Washington Boulevard and Patrick Henry Drive is high-volume but has pedestrian signals and marked crosswalks. On some of the neighborhood dead-end streets, there are footpaths that have been developed over time and that lead to Swanson Middle School's athletic fields.

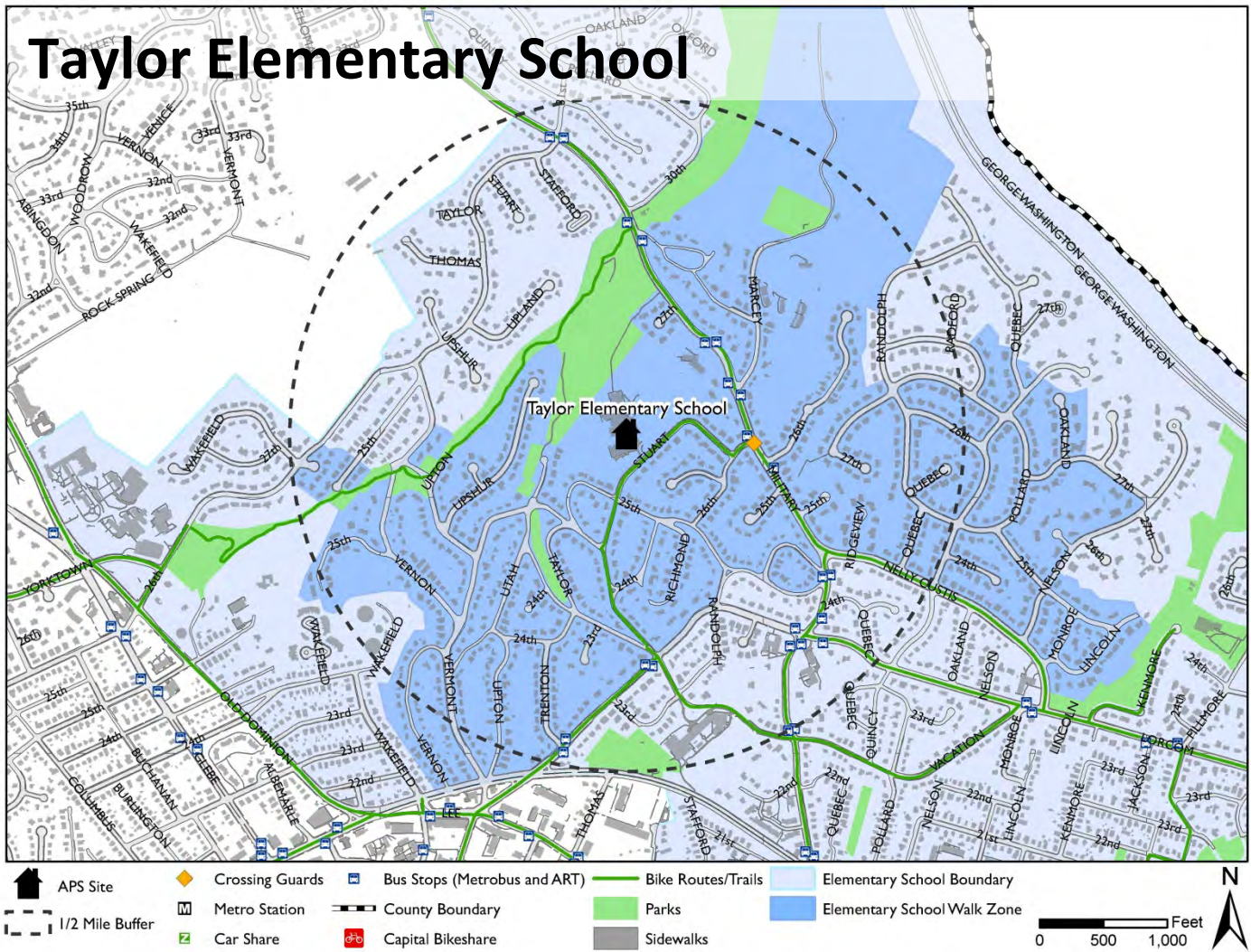
## Physical Barriers

The two barriers surrounding the school are Washington Boulevard and Patrick Henry Drive. Both of these roads have high traffic volume.

## Existing Travel Modes (from 2013 School Surveys)



# Taylor Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



Transit/Bike Share Score = 13

## Summary Conditions

Taylor Elementary School is in northwest Arlington County, adjacent to Potomac Overlook Park. This school is located east of Military Road and north of Lee Highway/Route 29. In 2013, Taylor Elementary School had 744 students and 97 staff members.

## Contact information:

Taylor Elementary School  
 2600 N Stuart St.  
 Arlington, VA 22207  
 Phone: 703.228.6275

## Type of Site:

Elementary School

## Grade Levels:

K - 5

## Neighborhood Context

Taylor Elementary School is surrounded by single-family, detached residential development. There appears to be a relatively low traffic volumes on surrounding streets, including North Stuart Street. The majority of streets have sidewalks on one side of the street. Some streets do not allow for street parking due to narrow street width. The neighborhood around Taylor is relatively hilly and many of the nearby streets have steep elevations.

## Transportation Assets

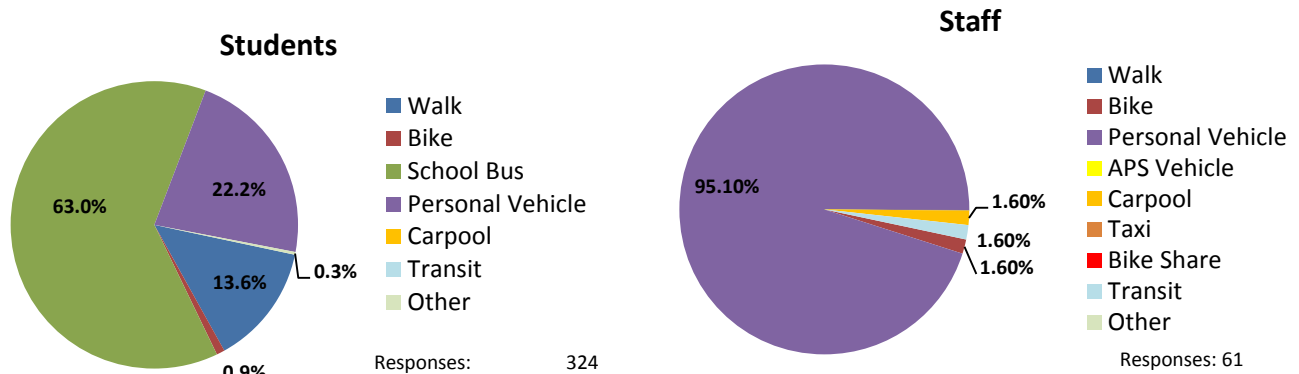
Taylor Elementary School has access to bus transit within two blocks of the campus. There are no Metro or Capital Bikeshare stations nearby. There are bike racks at the front entrance of the school. Military Road, which is east of the campus, has bicycle lanes.

On the north side of campus there is a steep concrete path that begins at Military Road and connects to the north side of campus. This path begins along the perimeter of the residential parcels north of the school and continues through the wooded area. There are also dirt paths that have been created to allow for a shorter distance to the school from a daycare center north of the school on Military Road. There is a sign as you enter the path from the school that informs you where it leads. This dirt path also acts as an emergency evacuation route for Taylor Elementary School.

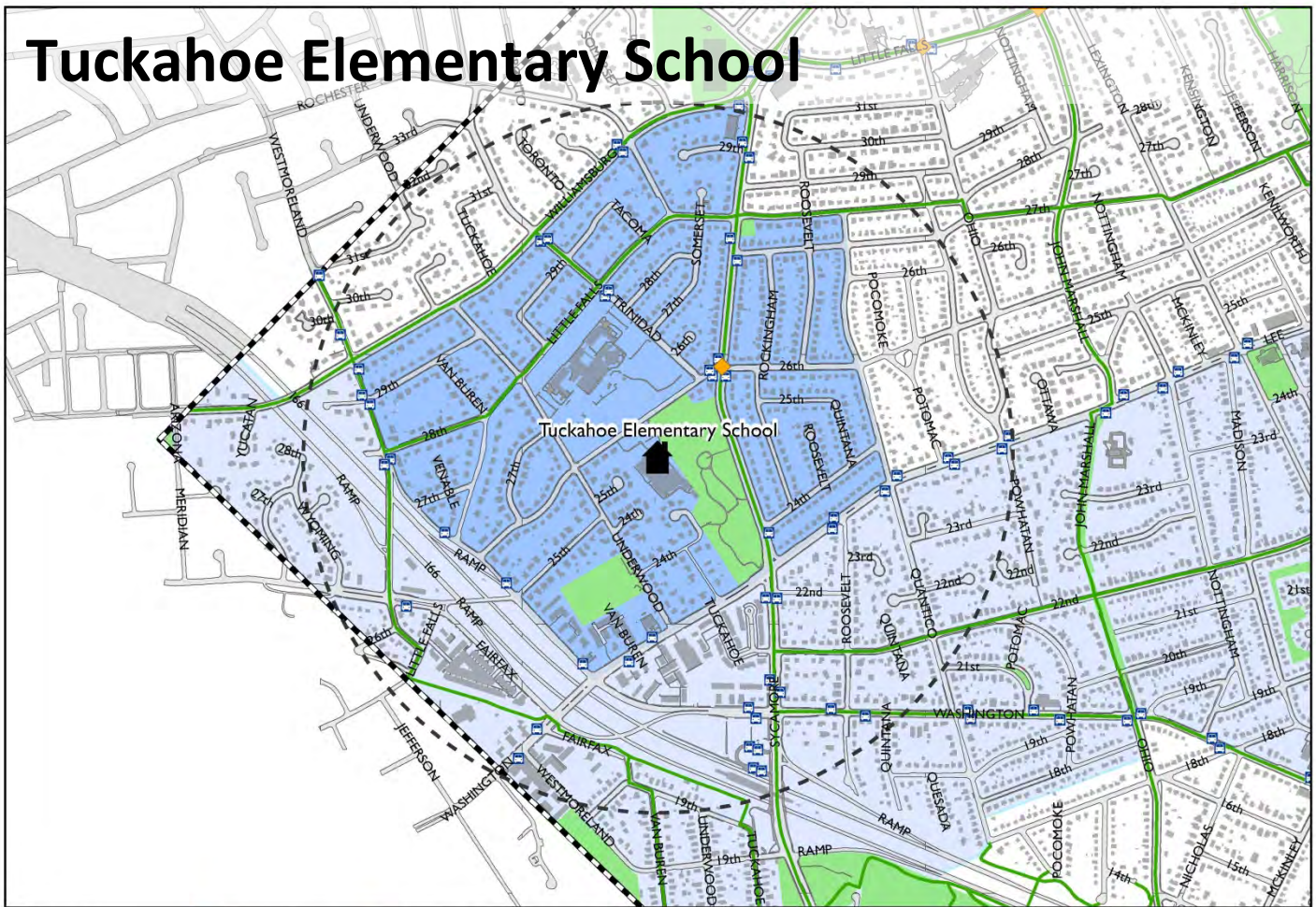
## Physical Barriers

A major barrier around Taylor Elementary School is the slope to the west of campus. This slope is between the school and the trail system to the west. Steep slopes also create some connectivity issues in the area around the school.

## Existing Travel Modes (from 2013 School Surveys)

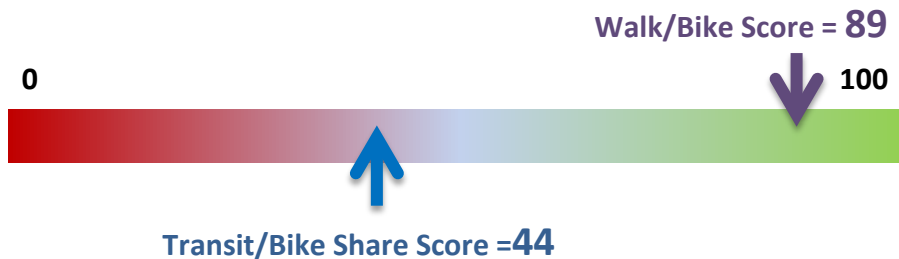


# Tuckahoe Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Tuckahoe Elementary School  
 6550 N 26<sup>th</sup> Street  
 Arlington, VA 22213  
 Phone: 703.228.5288

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Tuckahoe Elementary School is located in the western part of Arlington County, Virginia. This school is east of I-66 and just off of Sycamore Street. The campus is directly south of Bishop O'Connell High School (private). In 2013, Tuckahoe had 82 student and 78 staff members.

## Neighborhood Context

The neighborhood around Tuckahoe Elementary School is mostly comprised of single-family, detached residential development. There is some multifamily housing and commercial development one block away on Lee Highway. The primary access to the school is on 26<sup>th</sup> Street though the school property is bordered by Sycamore Street, a major thoroughfare in this area. Most of the streets in the area have complete sidewalks and allow for parking.

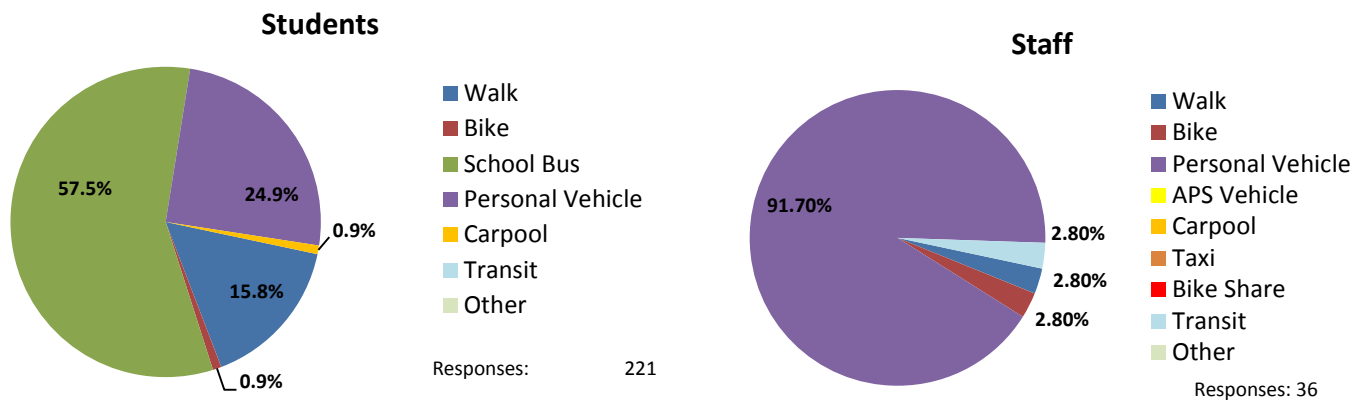
## Transportation Assets

There are bus stops on Sycamore Street next to the school campus. There are no Metro or Capital Bikeshare stations near this school. There are bike racks at the front entrance of the school. There are bike lanes and shared-use lanes along Sycamore Street. In terms of traffic calming, there are speed bumps on several of the surrounding neighborhood streets. The main intersection approaching the school at Sycamore and 26<sup>th</sup> has a pedestrian signal, rapid flashing beacons and marked crosswalks.

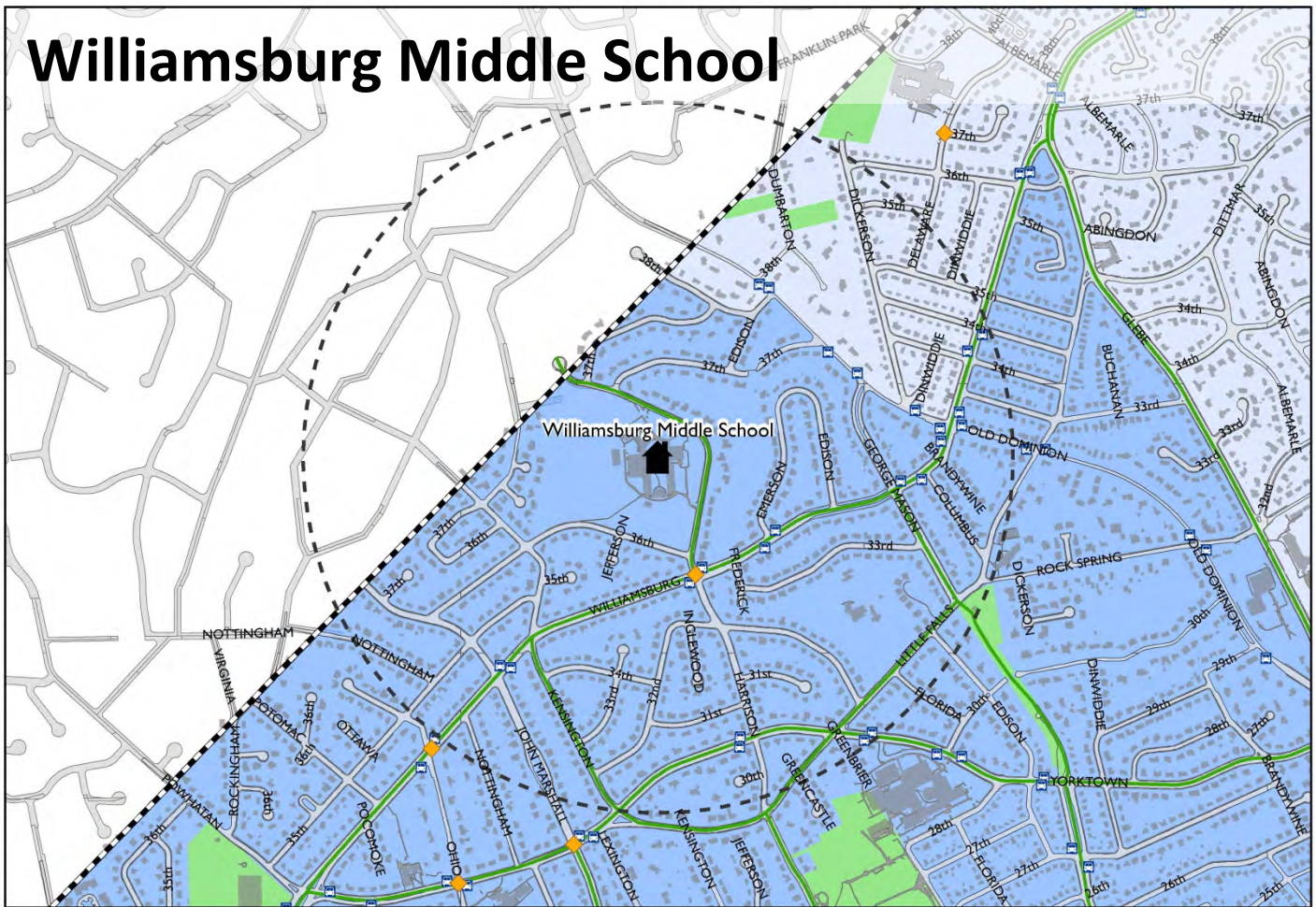
## Physical Barriers

Directly in front of the school there is a steep slope on 26<sup>th</sup> street. There is a steep slope east of the sports field parallel near Sycamore Street; however, access on this side of campus is open with no fencing. There is limited connectivity across Sycamore Street to the neighborhoods on the west side of the campus.

## Existing Travel Modes (from 2013 School Surveys)



# Williamsburg Middle School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.

Walk/Bike Score = 70



## Contact information:

Williamsburg Middle School  
 3600 N Harrison Street  
 Arlington, VA 22207  
 Phone: 703.228.5450

**Type of Site:**  
 Middle School

**Grade Levels:**  
 6 - 8

## Summary Conditions

Williamsburg Middle School is located in northwest Arlington County, Virginia. This school is south of the county boundary and north of Williamsburg Boulevard. Williamsburg Middle School is located about a mile from Yorktown High School. In 2013, Williamsburg Middle School had 1001 students and 122 staff members.

## Neighborhood Context

The surrounding neighborhood is mostly single-family housing although there is a shopping center located about a mile to the north. The street network has limited connectivity due to multiple dead-end streets near the school. Most of the streets have complete sidewalk networks and high visibility crosswalks. The north and south sides of the sports fields are completely open to the neighborhood and allow for easy access to the school.

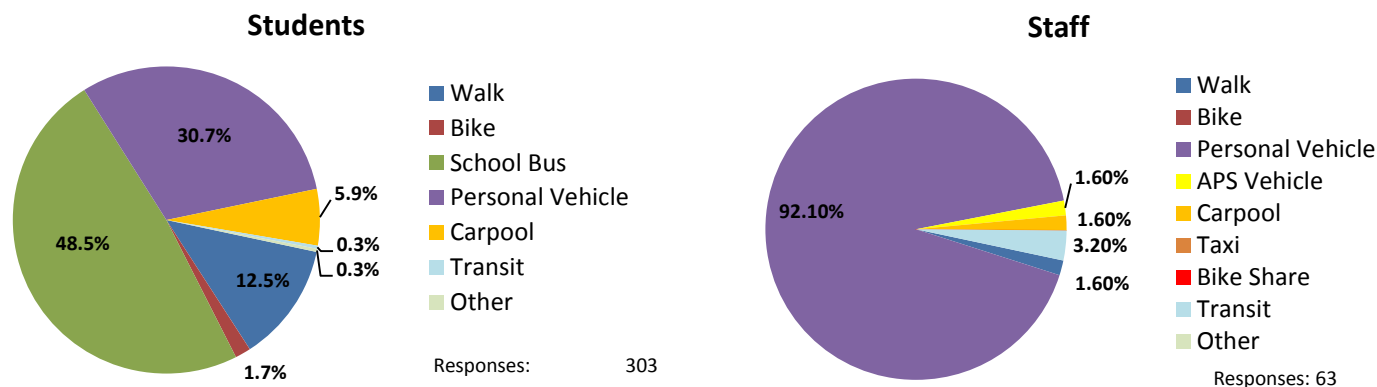
## Transportation Assets

Williamsburg Middle School has access to bus stops within one block of the school. There is no access to Metro or Capital Bikeshare stations nearby. There are speed bumps and rapid flashing beacons on Harrison Street through the neighborhood for traffic calming. These speed bumps are also directly in front of the school’s main entrance. There are bike lanes along Williamsburg Boulevard. There is low traffic volume within the neighborhood and the streets are very wide. The intersection at Williamsburg and Harrison Street is signalized and well-marked with high-visibility crossings.

## Physical Barriers

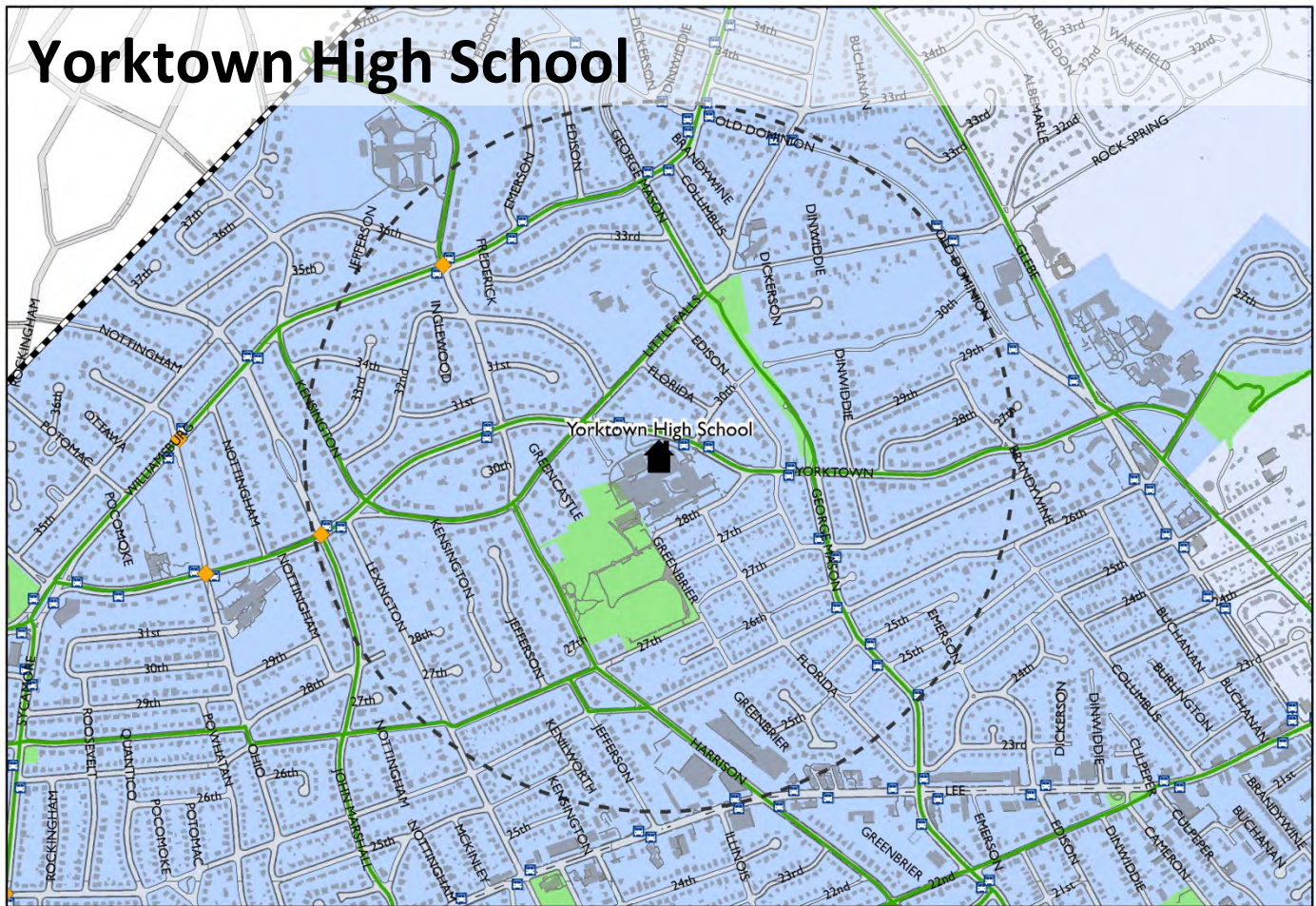
A barrier for pedestrians approaching Williamsburg Middle School is the steep slope that begins at the signalized intersection of Williamsburg Boulevard and Harrison Street and extends north. The southern corner of campus also has a steep slope. Overall, the elevation changes create a lack of connectivity to neighborhoods in the immediate vicinity of the school.

## Existing Travel Modes (from 2013 School Surveys)



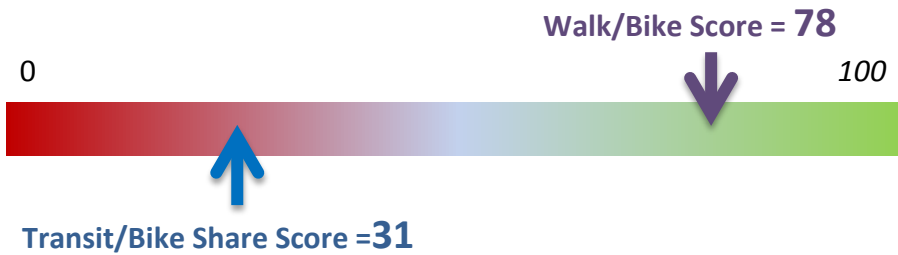


# Yorktown High School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Yorktown High School  
 5200 N Yorktown Blvd  
 Arlington, VA 22207  
 Phone: 703.228.5400

## Type of Site:

High School

## Grade Levels:

9 - 12

## Summary Conditions

Yorktown High School is located in northwest Arlington County, on Yorktown Boulevard between north Greenbrier Street and 28<sup>th</sup> Street. The school is located close to Williamsburg Middle and Nottingham Elementary Schools. In 2013, Yorktown High school had 1738 students and 211 staff members.

## Neighborhood Context

Yorktown High School is predominately surrounded by single-family, detached housing, although there is some commercial development nearby on Lee Highway. The neighborhood street network is on a grid with a limited number of dead-end streets. There is on-street parking on the streets to the south and east side of the campus.

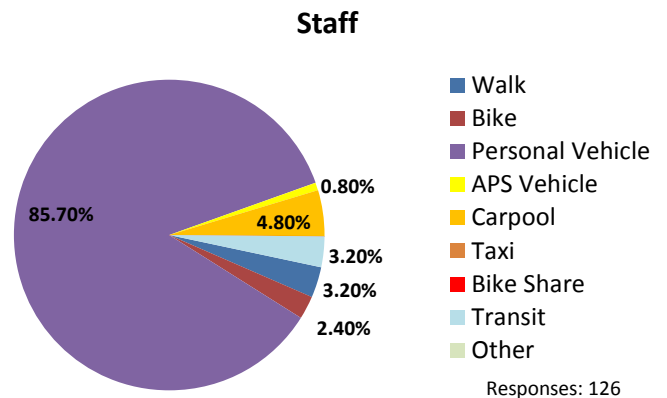
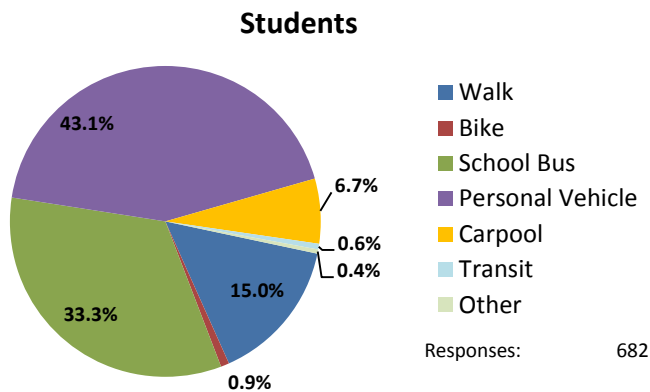
## Transportation Assets

Yorktown High School has bus service within one block. There are several ART bus stops along Yorktown Boulevard. This school does not have access to Metro or Capital Bikeshare stations. There are bicycle lanes along Yorktown Boulevard that run in front of the school campus from North John Marshall Drive to North Glebe Road. There are bicycle lanes that continue onto North George Mason Drive. There is new bike parking area on the south side of the campus that is directly connected to the residential streets. There is some traffic calming, specifically roundabouts and speed bumps, on the neighborhood streets.

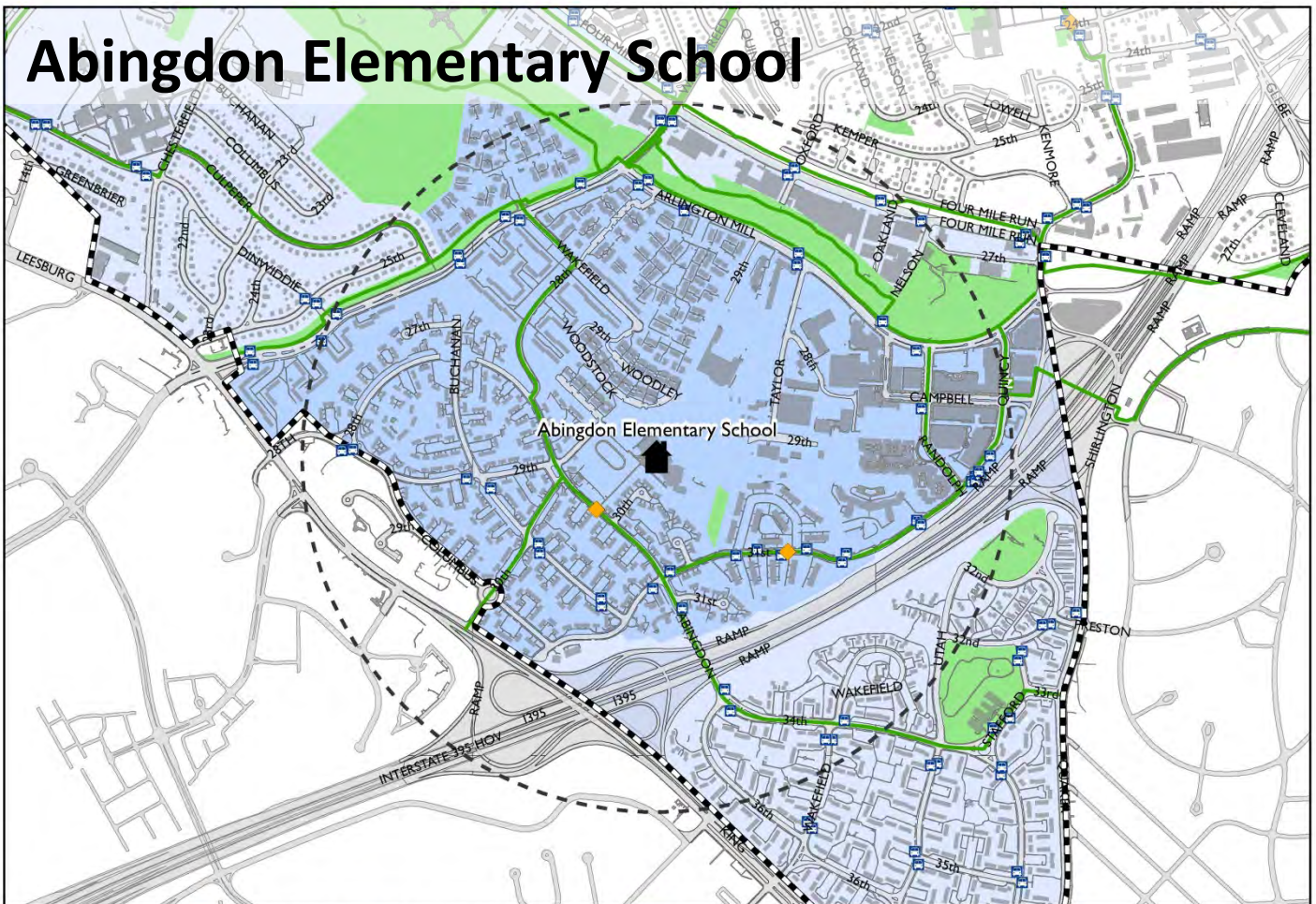
## Physical Barriers

Yorktown Boulevard has a drastic elevation change directly as you approach Yorktown High School from the east. This hill lowers visibility for drivers as they approach the school, however there are marked crosswalks at intersections along Yorktown Boulevard. There is also limited visibility at the intersection of Yorktown Boulevard and George Mason Drive.

## Existing Travel Modes (from 2013 School Surveys)



# Abingdon Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Abingdon Elementary  
 3035 South Abingdon St.  
 Arlington, VA 22206  
 Phone: 703.228.6650

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Abingdon Elementary is located in the southern part of Arlington County. Its main entrance is located at the end of 29<sup>th</sup> street south, in close proximity to the Facilities and Operations campus. In 2013, Abingdon Elementary had a total student population of 578 and a total of 109 employees.

## Neighborhood Context

This school is located in semi-connected walkable neighborhood consisting of mainly multifamily housing and some detached residential. The neighborhood is made up of medium to large blocks and has a relatively complete sidewalk network, although many sidewalks are narrow. The commercial corridor includes office, retail, and multi-family apartment buildings and has a complete sidewalk network.

## Transportation Assets

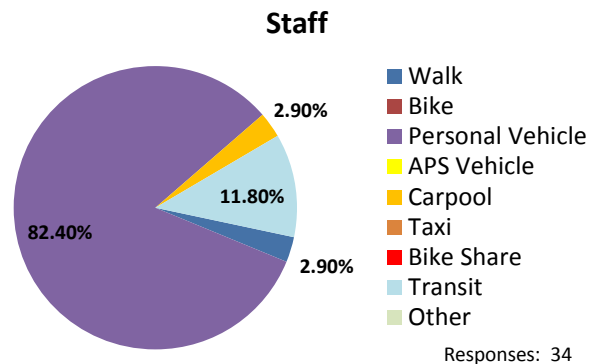
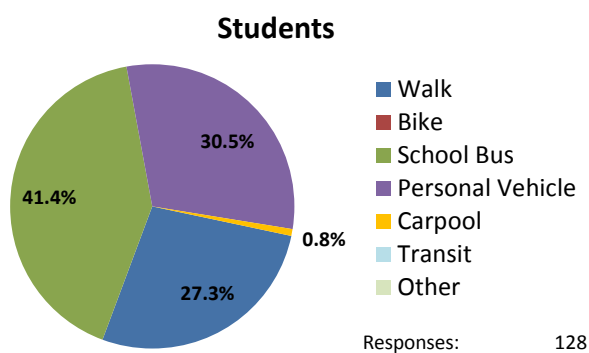
The school has some service by WMATA buses (7A, 7Y, 22 A, 77) but service is very intermittent throughout the day. The closest bus stop is located one block away on Buchanan Street S. The school however is very well served by trails and bicycle facilities. Additionally, the school has access to neighborhoods to the southeast through a paved trail connecting to 31<sup>st</sup> street.

There are various traffic calming and bicycle facilities that make it easy for students and staff to walk or bike to school. These facilities include signalized crossings, sharrows, speed humps and HAWK signals in crossings throughout 31<sup>st</sup> street S.

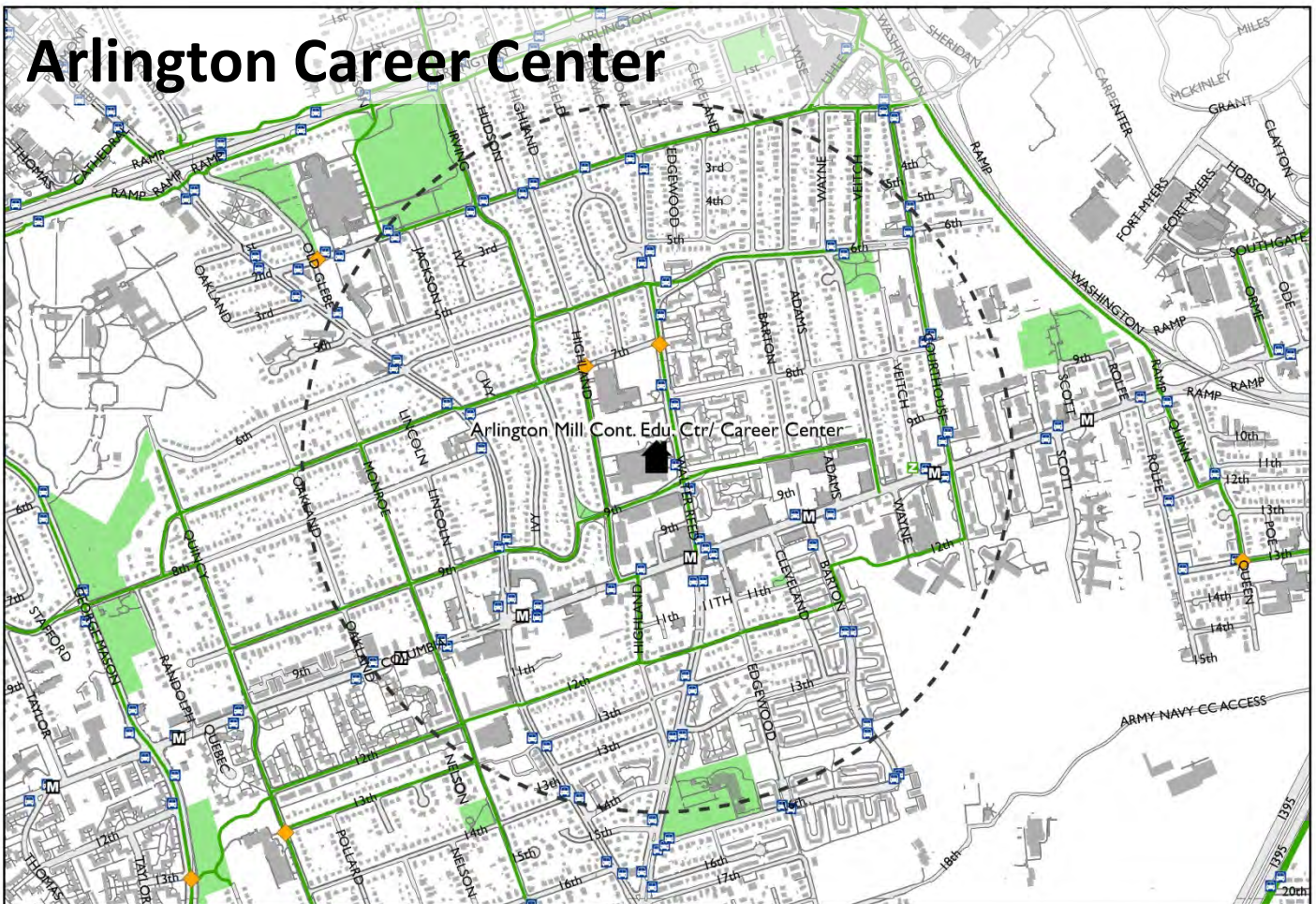
## Physical Barriers

While the school is well connected to the southern and western parts of the neighborhood, it has difficulty connecting with the existing multifamily dwellings located in the northwestern part of the attendance boundary. This is due to the existence of a big hill located north of the school, making it very difficult for students, teachers and visitors to walk or bike to school. Furthermore, the attendance boundary is interrupted by I-395, although neighborhoods on the other side of the interstate are not within the school's walk zone.

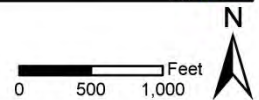
## Existing Travel Modes (from 2013 School Surveys)



# Arlington Career Center

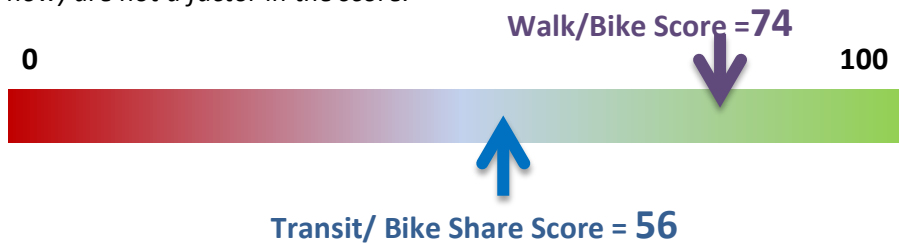


- APS Site
- Crossing Guards
- Bus Stops (Metrobus and ART)
- Bike Routes/Trails
- Metro Station
- County Boundary
- Parks
- 1/2 Mile Buffer
- Car Share
- Capital Bikeshare
- Sidewalks



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Arlington Career Center  
 816 S. Walter Reed Drive  
 Arlington, VA 22204  
 Phone: 703-228-5800

## Type of Site:

Career, Technical and Academic Training

## Grade Levels:

Adult

## Summary Conditions

The Arlington Career Center is located in close proximity to Columbia Pike, Arlington Public Library (Columbia Pike) and Patrick Henry Elementary school. The 2013 data documented 91 employees working on the site.

## Neighborhood Context

This school is located in a mostly commercial strip of Columbia Pike and in close proximity to various neighborhoods consisting of multifamily residential dwellings. While the neighborhoods to the north and west of the Center are residential, much of the site is surrounded by commerce located along Columbia Pike. The commercial corridor includes office, retail, and multi-family apartment buildings and has a complete sidewalk network.

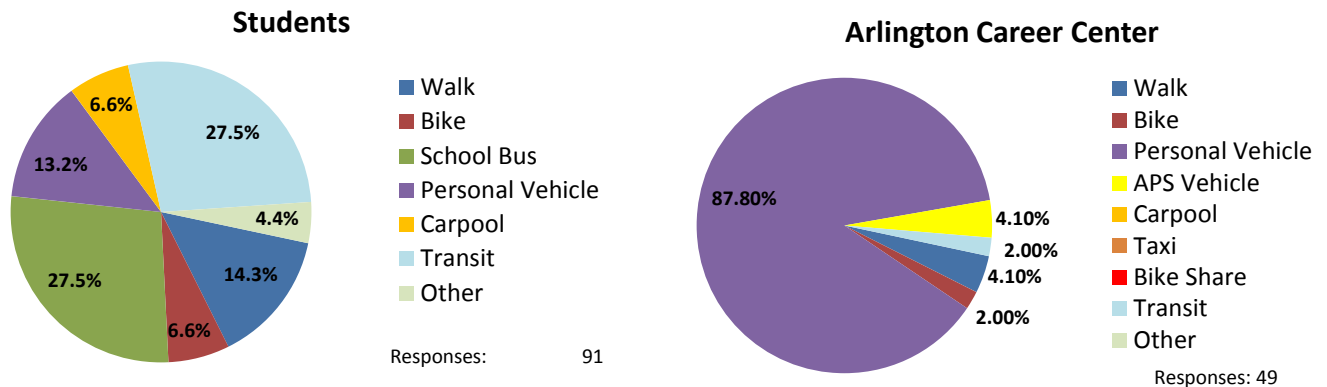
## Transportation Assets

The Career Center is very well served by WMATA and ART buses with increased access to various bus routes running along Walter Reed Drive and Columbia Pike. The site also includes an extensive parking lot (for which a parking decal is required) that is shared with both the library and the school. Although the site is located next to two of the most utilized roadways (Walter Reed Drive and Columbia Pike), there is existing traffic calming, signalized crossings, bicycle lanes and marked crossings along both streets. The site also includes covered parking, which appears to be at capacity.

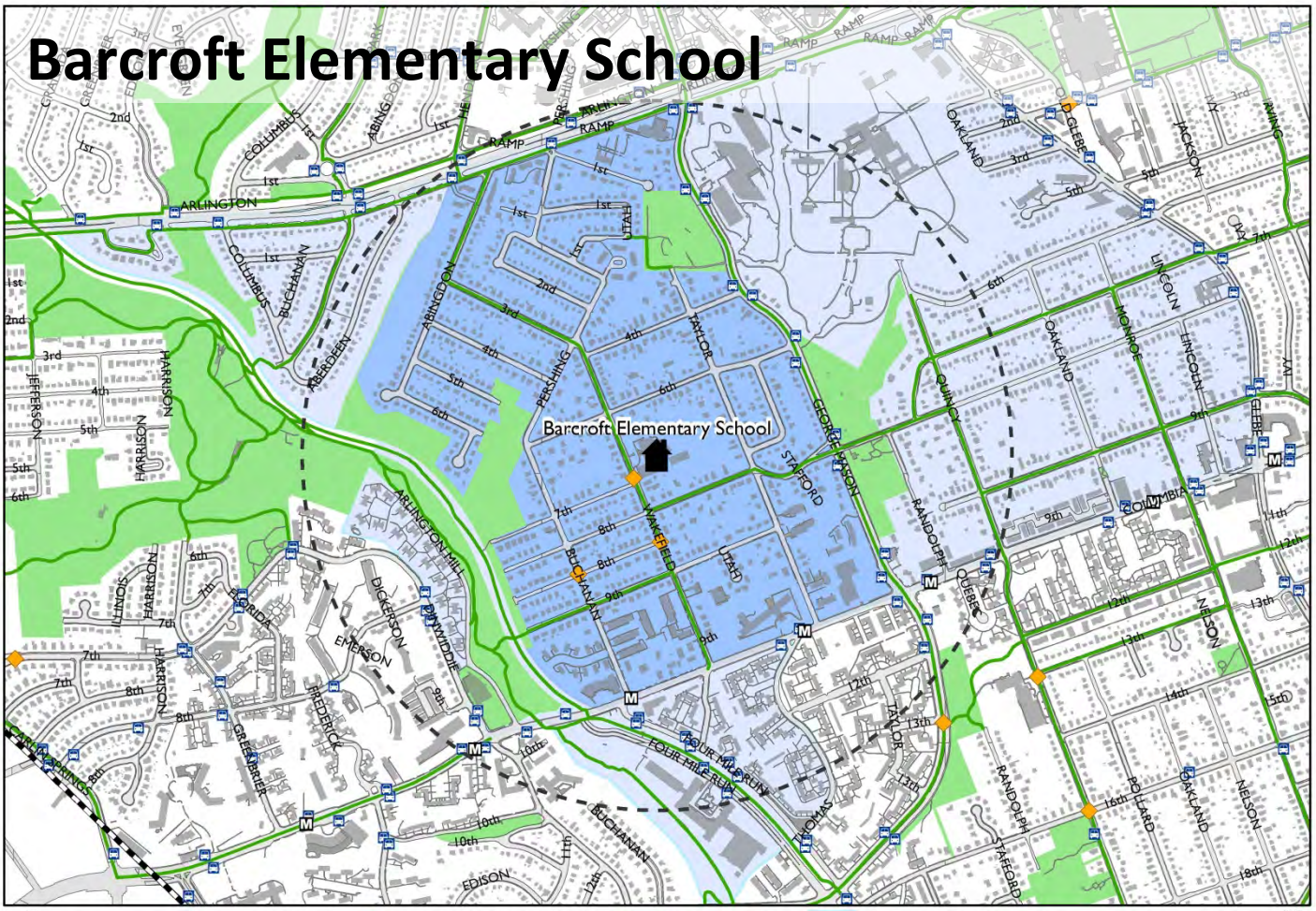
## Physical Barriers

Although there are some existing traffic calming mechanisms and bicycle facilities around the site, the high speed and high volumes of traffic observed along Columbia Pike and Walter Reed Drive represent potential physical barriers for both staff and people attending sessions at the center. At the time the field work observation was performed, there was roadways construction along Walter Reed Drive without any additional accommodation for pedestrians or bicycles.

## Existing Travel Modes (from 2013 School Surveys)

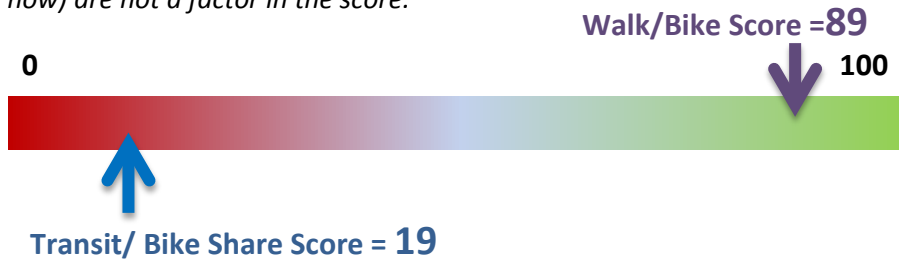


# Barcroft Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Barcroft Elementary  
625 S. Wakefield Street  
Arlington, VA 22204  
Phone: 703-228-5838

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Barcroft Elementary is located at the corner of 6<sup>th</sup> Street and Wakefield Road South, in the southern quadrant of Arlington County. In 2013, the school population included 490 students and 103 teachers and staff.

## Neighborhood Context

The school is located in a very well connected and walkable neighborhood mostly made out of single-family residential development, and it is located only two blocks from Columbia Pike, one of the county's major roadways. The neighborhood is made up of compact and connected blocks with complete sidewalks on both sides of the street, although sometimes uneven and narrow (less than 5 ft.).

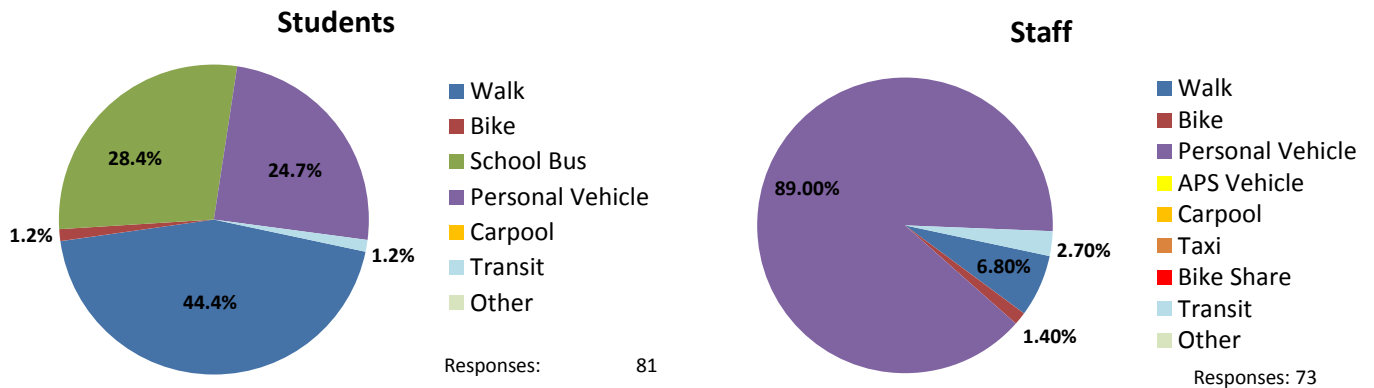
## Transportation Assets

The school is well served by all bus lines adjacent to George Mason Drive and Columbia Pike. This makes connectivity to metro very easy, as there is a bus every 10-15 minutes linking the area to the Pentagon Metrorail Station. While there is no major bicycle infrastructure throughout the neighborhood, the streets are low speed and have various traffic calming mechanisms including raised crosswalks and marked crossings along Wakefield road.

## Physical Barriers

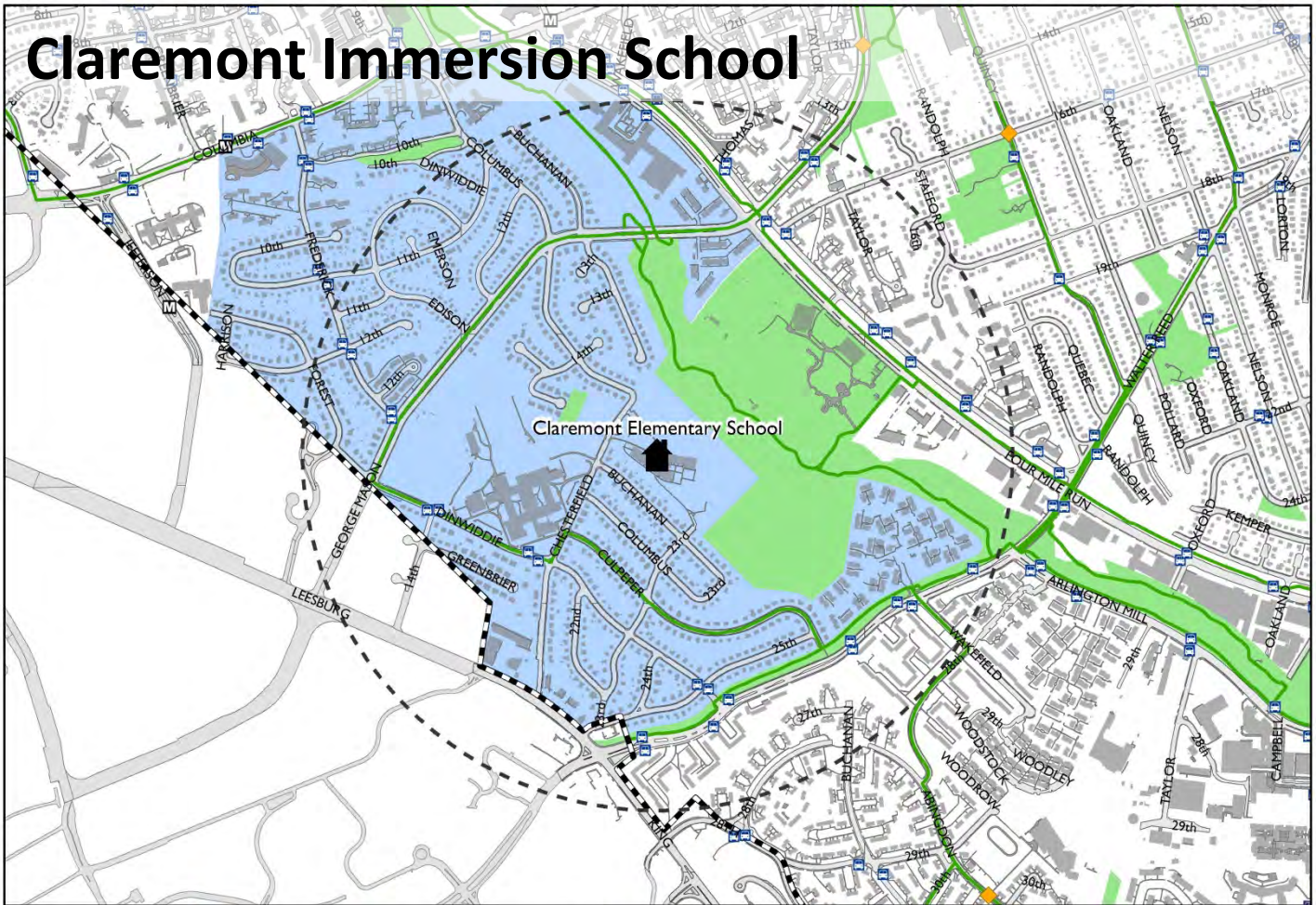
While the school is located at the top of a hill making it difficult for students living south of the school to walk or bike to school, the most noticeable barrier is the lack of additional entrances to the school, which is only served by one entrance on Wakefield road, although it could have easy connectivity to Taylor road, 6<sup>th</sup> Street and 8<sup>th</sup> Street south with small pedestrian walkways.

## Existing Travel Modes (from 2013 School Surveys)



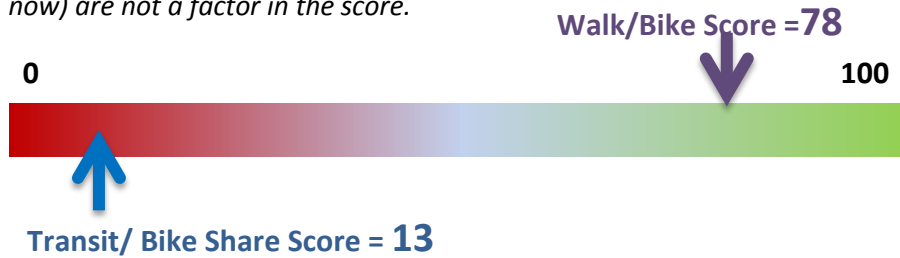


# Claremont Immersion School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Claremont Immersion  
4700 S. Chesterfield Rd.  
Arlington, VA 22206  
Phone: 703-228-2500

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Claremont Immersion School is located at the top of the hill near the corner of South Columbus Street and South Chesterfield Road in Arlington County, less than one block away from both Four Mile Run trail and South George Mason Drive. In 2013, the school had a total enrollment of 728 students and 109 faculty and staff.

## Neighborhood Context

This school is located in a compact neighborhood mostly consisting of single-family residences. The neighborhood also includes some commercial activity in the south western part of the attendance boundary. The neighborhood is also home to Wakefield High School which remained under construction/demolition during the Fall of 2013. Most of the neighborhood is made up of semi-connected small to mid-size blocks which have sidewalks at either side. While many of the sidewalks around the neighborhood have recently been built or reconstructed to accommodate most users, sidewalks in close proximity to the school remain narrow (less than 5 ft.) and uneven.

## Transportation Assets

Claremont Immersion is served by various bus lines which have infrequent service (mostly serving in the morning and afternoon rush hours). The school does include a small parking lot for staff and visitors which at the time of the site visit was at capacity. Some teachers and visitors were observed utilizing unmarked on-street parking on S. Chesterfield Road.

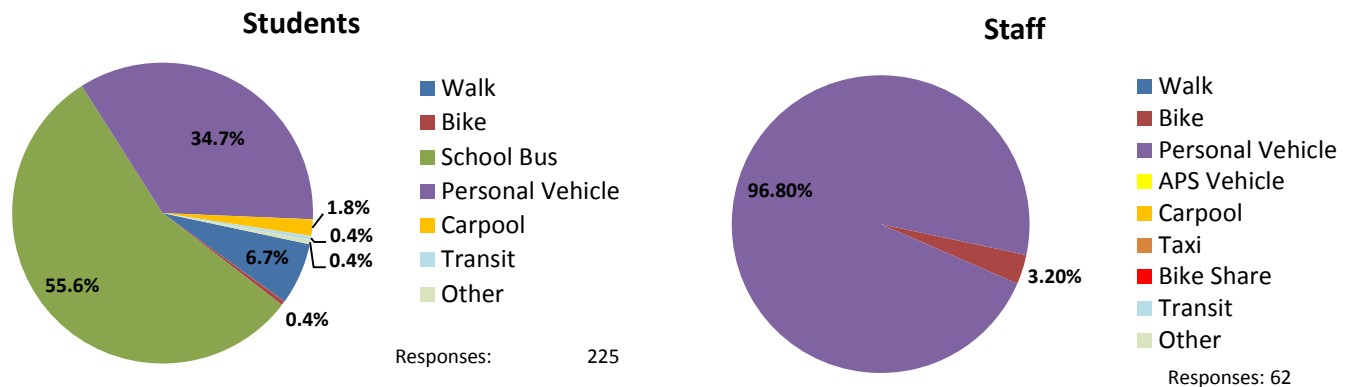
There is some existing traffic calming in the form of traffic circles, signalized crossings and pedestrian islands in the surrounding streets. The school also provided some bicycle racks at the entrance of the school. The racks were underutilized.

While there is a trail in close proximity of the school (Four Mile Run) access to the trail is very difficult due to the steep and muddy conditions. Although there are stairs connecting the school to the trail, the stairs were in need of some maintenance.

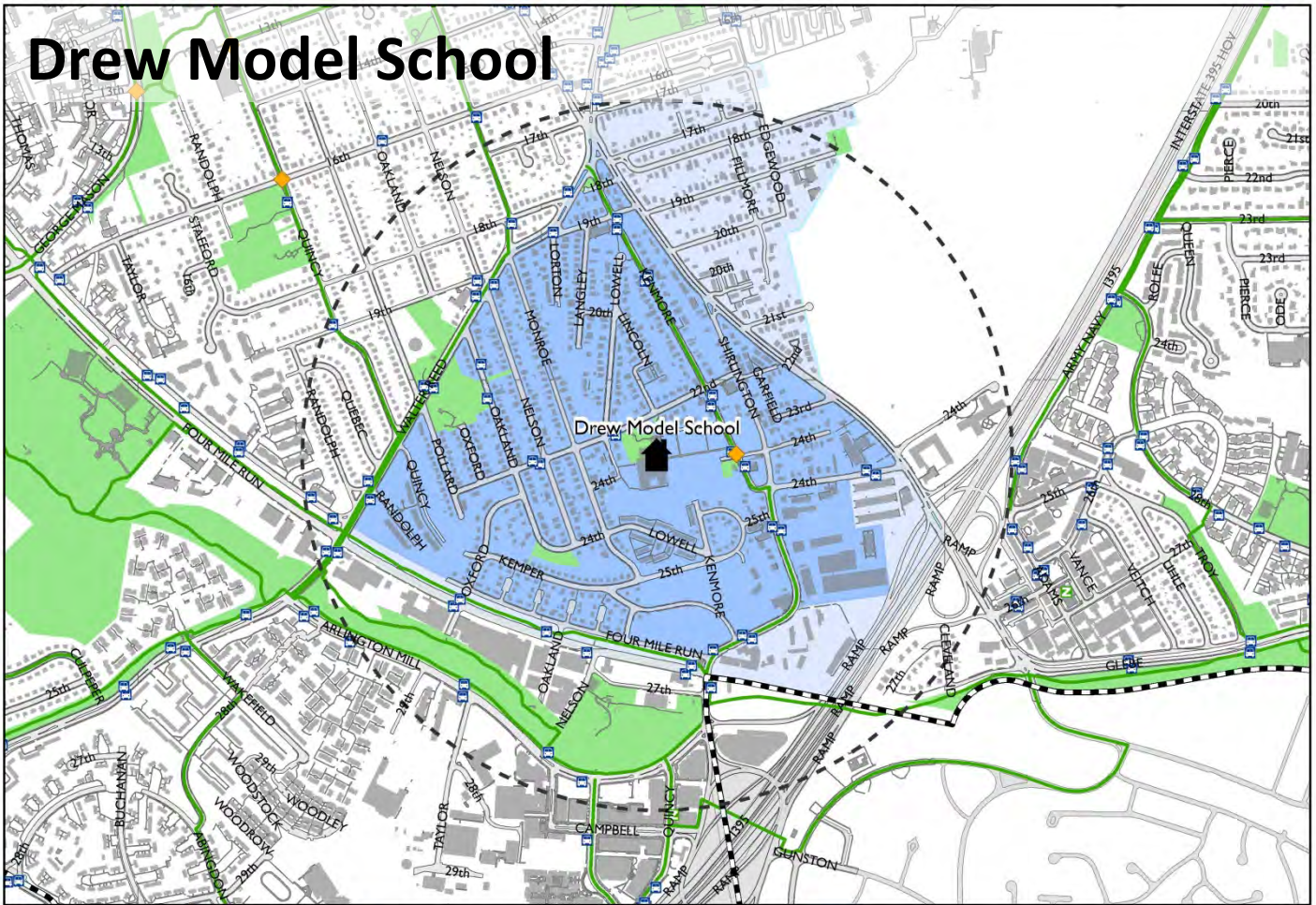
## Physical Barriers

As previously expressed, the school is located at the top of the hill and much of the neighborhood around the school is hilly. The hill also creates a physical barrier for pedestrians who would like to access the school via Four Mile Run. While there are sidewalks in both side of the street immediately adjacent to the school, the sidewalks are narrow and in some cases uneven.

## Existing Travel Modes (from 2013 School Surveys)

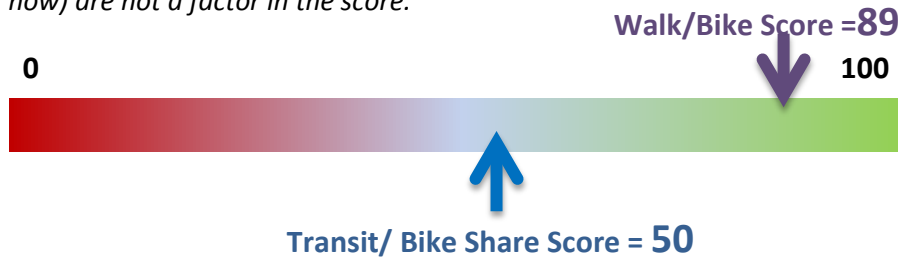


# Drew Model School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Drew Model School  
 3500 South 23rd Street  
 Arlington, VA 22206  
 Phone: 703-228-5825

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Drew Model School is located at the bottom of the hill (hill is located at the southern boundary of the school) near the corner of 22<sup>nd</sup> Street and Kenmore Street South. The school is located about two blocks away from S. Glebe Road a major north-south artery connecting many parts of the county. In 2013, the school had a total enrollment of 641 students and 112 faculty and staff.

## Neighborhood Context

This school is located in a neighborhood consisting mostly of single-family residential with yards on the north and west, and light industrial use in the south and east. There is high connectivity between streets but the neighborhood is also very hilly. The neighborhood is made up of larger blocks with sidewalks on both sides of the streets. The commercial district to the south includes some offices, retail, and multi-family subdivisions with complete sidewalks.

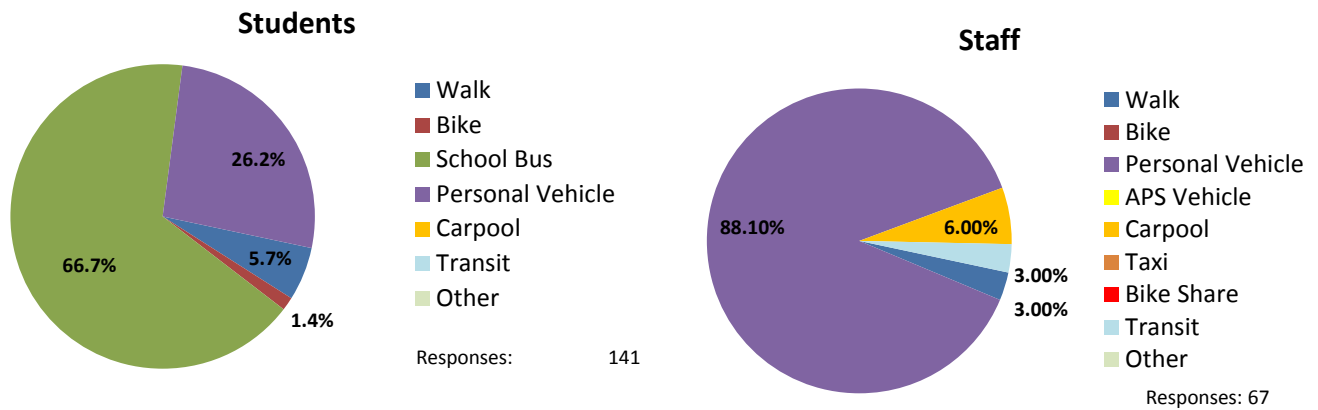
## Transportation Assets

The school is well served by both ART and WMATA bus (ART 84, 87 and WMATA 10B, 23A, 23C). Furthermore there is a Capital Bikeshare station at the corner of 24<sup>th</sup> Street and Kenmore Street. Additionally, the surrounding streets have various traffic calming and bicycle-friendly facilities (e.g. HAWK signal at the corner of 24<sup>th</sup> and Kenmore, sharrows on Shirlington Road, various signalized and marked crossings along Kenmore Rd. and 22<sup>nd</sup> Street). An oversupply of parking within school property was observed, although parking is also used for the community center next to the school.

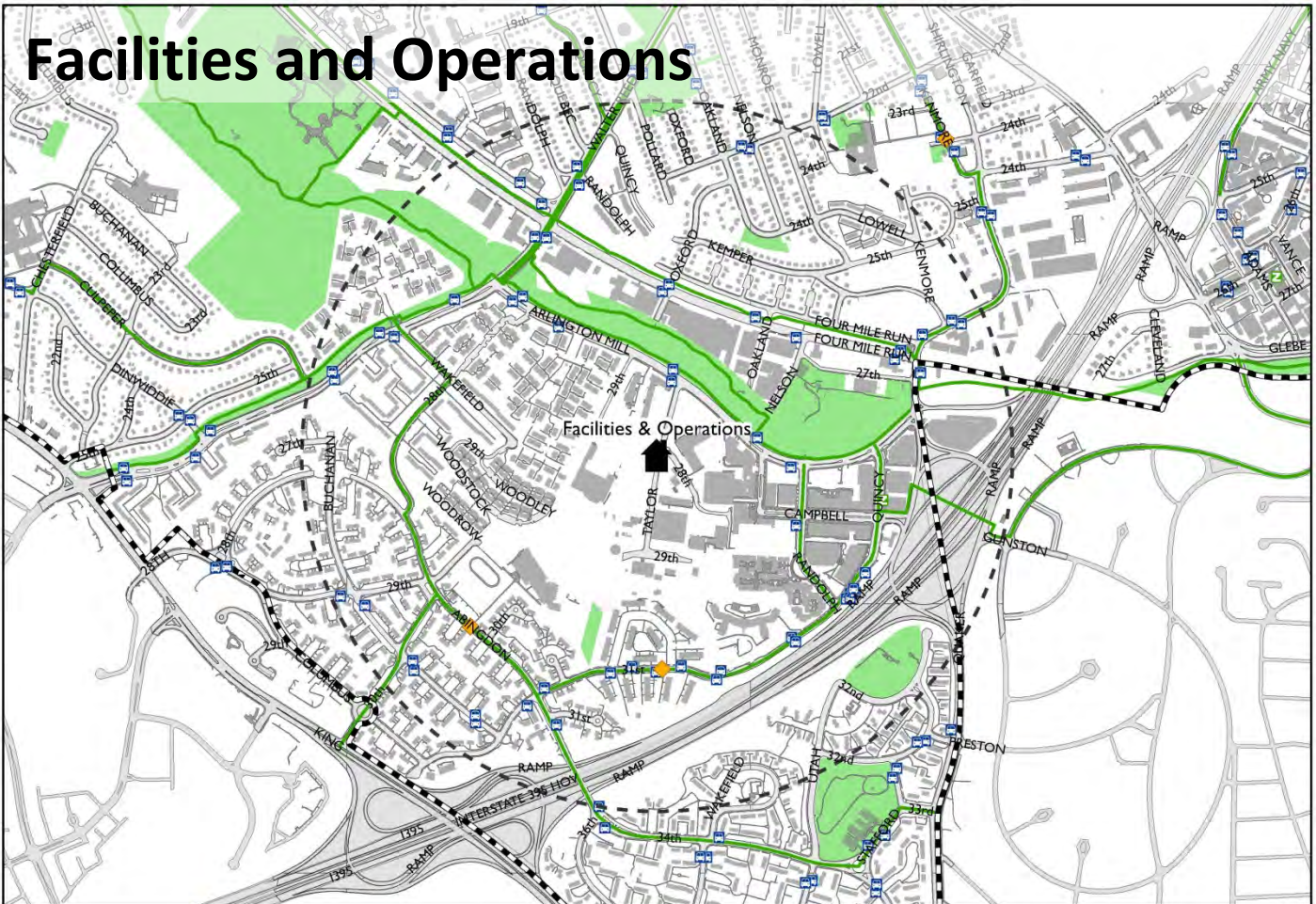
## Physical Barriers

Connectivity from southern parts of the neighborhood to the school is limited due to various dead-end streets south and east of 25<sup>th</sup> street. Shirlington Road also represents a physical barrier as the observed vehicle speeds were higher than the posted speed limit.

## Existing Travel Modes (from 2013 School Surveys)

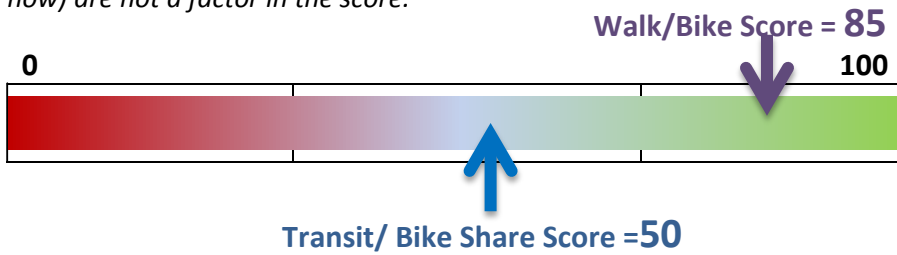


# Facilities and Operations



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Facilities and Operations  
 2770 S Taylor St  
 Arlington VA 22206  
 Phone: 703-228-6600

## Type of Site:

Facilities, Operations,  
 Offices

## Grade Levels:

N/A

## Summary Conditions

The APS Facilities and Operations building includes offices for various departments as well as parking for the complete fleet of school buses serving APS. The site is located in the southern quadrant of Arlington County in close proximity to Leesburg Pike, I-395 and Walter Reed Drive South. There are 277 employees in the site throughout various times of the day. The site is located in an industrial part of Shirlington just south of Four Mile Run Drive.

## Neighborhood Context

As previously expressed the site is an industrial site located south of Four Mile Run Drive mainly surrounded by multi-family dwellings in Shirlington. The site is only accessible from the north through South Arlington Mill Drive. The neighborhood is made up of larger blocks with moderate connectivity: there are some dead-end streets. The site is in close proximity to Shirlington Village, which includes office, retail, and multi-family dwellings.

## Transportation Assets

The site has very good connectivity to major roadways like I-395, S Four Mile Run Drive and S. Walter Reed Drive. It is served by various bus lines along Arlington Mill Drive (WMATA and ART) as well as a network of well-connected and maintained sidewalks and various connections to major trails. The site is also served by Capital Bikeshare which has a station located on Arlington Mill Drive along the existing extension of the Four Mile Run trail.

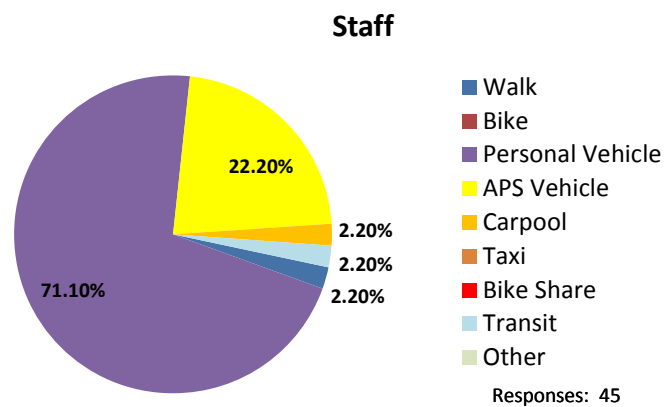
There are bike lanes and bicycle friendly infrastructure on S. Arlington Mill Dr. and south Walter Reed Drive as well as on the neighborhood roads running serving the commercial areas of the neighborhood. The Shirlington commercial area in close proximity to the site is very pedestrian and bike friendly as a result of bike lanes, slow speed limits and clearly marked intersections with generous pedestrian timing.

Because the site also serves as the depot for all APS public buses there is an oversupply of parking.

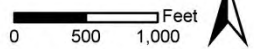
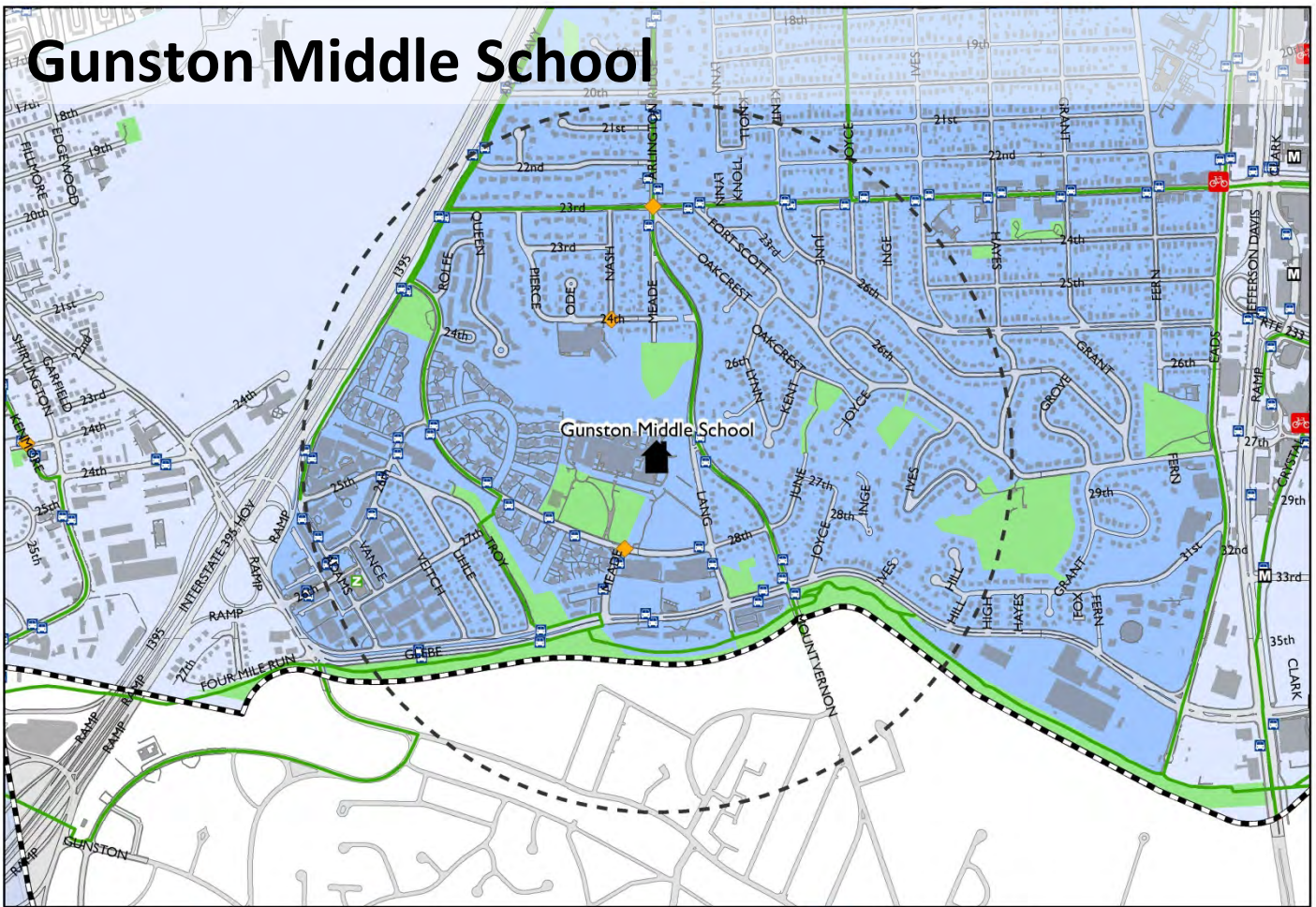
## Physical Barriers

The site is located at the end of a driveway which is unpleasant to walk along, due to bus traffic. Also, it can only be reached via one access on the north side of the site. A security/privacy fence blocks access from the south and east.

## Existing Travel Modes (from 2013 School Surveys)

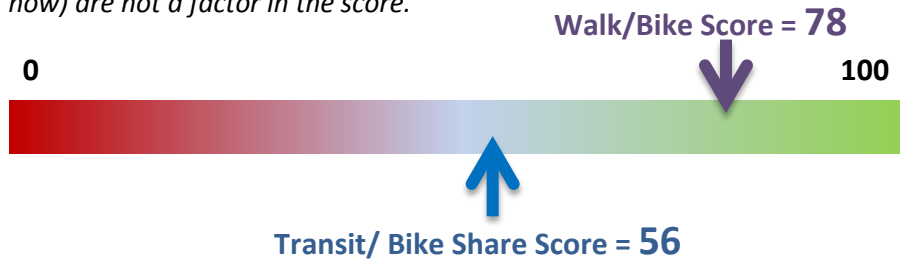


# Gunston Middle School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Gunston Middle School  
 2700 S. Lang Street  
 Arlington, VA 22206  
 Phone: 703-228-6900

## Type of Site:

Middle School

## Grade Levels:

6 - 8

## Summary Conditions

Gunston Middle School lies just south and west of Crystal City and is located south of a big hill along Arlington Ridge Road. The school site is collocated with other community facilities including a Community Center, a Community Cinema and a Senior Center. In 2013, the school had 797 students and 122 teachers and staff.

## Neighborhood Context

The school is located in a well-connected portion of Crystal City: many of its streets are in a grid and include recently-completed sidewalks. The school orientation is influenced by the difficult topography of the area (school is located at the bottom of the Arlington Ridge). Much of its walking area includes single-family residential in the north as well as some commercial and multifamily housing to the south of the school. The school attendance zone is bifurcated by I-395. The neighborhood immediately adjacent to the school is made up of small blocks and has recently completed/upgraded sidewalks. The commercial corridor along S. Glebe Road, just south of the school, also serves as the public transportation corridor, which is served by various WMATA and ART buses throughout the day.

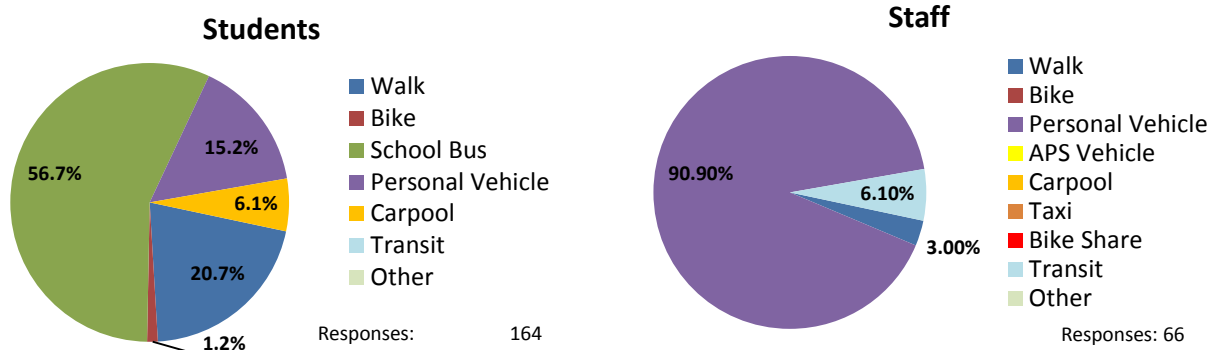
## Transportation Assets

As expressed previously, the school is well served by ART and WMATA buses along S. Glebe Road. The school shares a large parking lot with a community center, a community cinema, a senior center and Gunston Park, all of which are co-located in the same multi-use facility with the school. The school site is also served by Capital Bikeshare with a station on 28<sup>th</sup> Street S. and S. Mead Street. Furthermore, Four Mile Run Trail running south of the school provides additional connections for pedestrians and bicyclists. The nearest Metrorail station is Crystal City, located 1.5 miles away.

## Physical Barriers

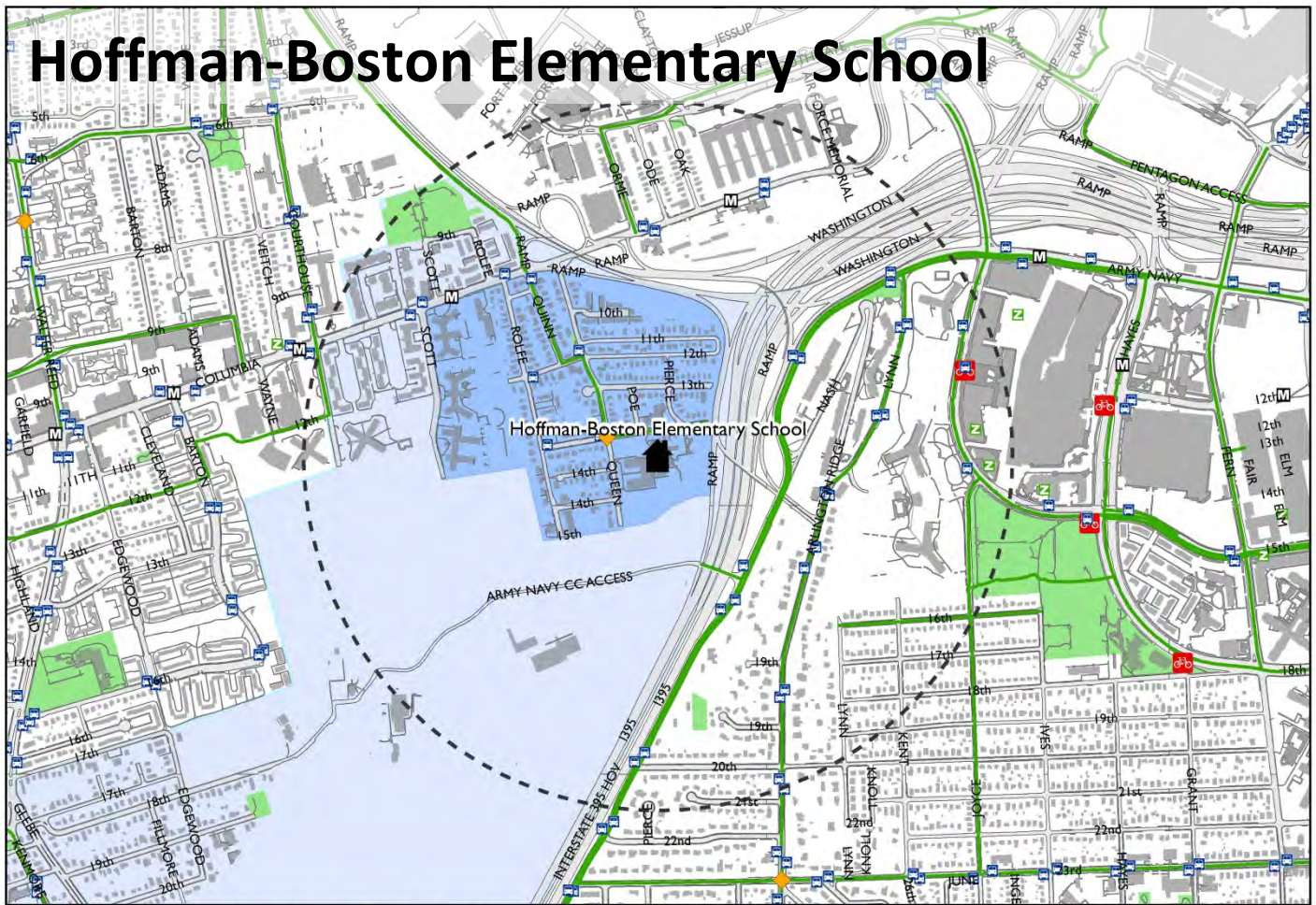
The most noticeable physical barrier is the large hill north of the school along S. Arlington Ridge Road. While not included in the walking zone, I-395 divides the school boundary into two making it very difficult for students living in the western part of the boundary to travel to school using non-motorized transportation.

## Existing Travel Modes (from 2013 School Surveys)



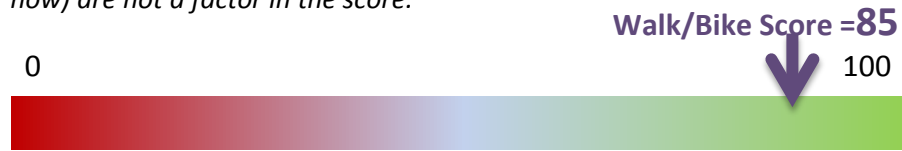


# Hoffman-Boston Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



Transit/ Bike Share Score = 56

## Contact information:

Hoffman-Boston  
Elementary School  
1415 S. Queen Street  
Arlington, VA 22204  
Phone: 703-228-5845

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

HB Elementary School a very small community school located just southeast of the Columbia Pike and serves the northernmost neighborhood along this busy corridor. In 2013, the school had a population of 406 students and 95 staff.

## Neighborhood Context

Hoffman-Boston is located in a compact neighborhood of both multifamily housing as well as detached, single-family homes. While the effective walk zone for the school is limited by Columbia Pike, the school boundary extends north of the Pike. While most streets are interconnected in a grid, cul-de-sacs and dead end roads are present. The neighborhood is made up of small blocks which have complete but narrow sidewalks, many of which are in disrepair.

## Transportation Assets

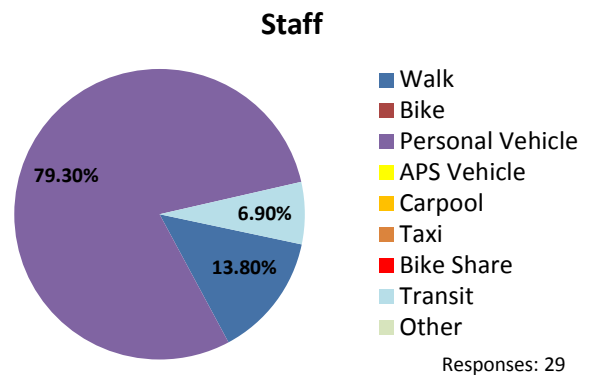
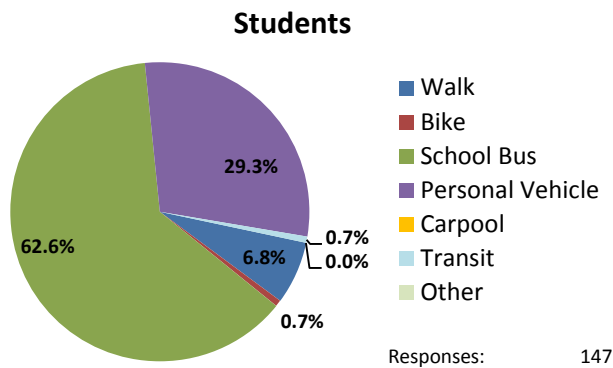
The school is well served by the existing bus routes along the Columbia Pike corridor. Additionally there is a Capital Bikeshare station located just north and west of the school at the intersection of South Courthouse Road and Columbia Pike. At the time of the site visit, some parts of Columbia Pike were under construction and did not have additional accommodations for bicyclists and pedestrians.

Being a major arterial for Arlington County, Columbia Pike exhibited high traffic and high speeds throughout most of the corridor. Additionally, while there were some accommodations along the corridor for pedestrians (ex. HAWK signals), they were not obeyed by motorists and the pedestrian signal timing was short and infrequent.

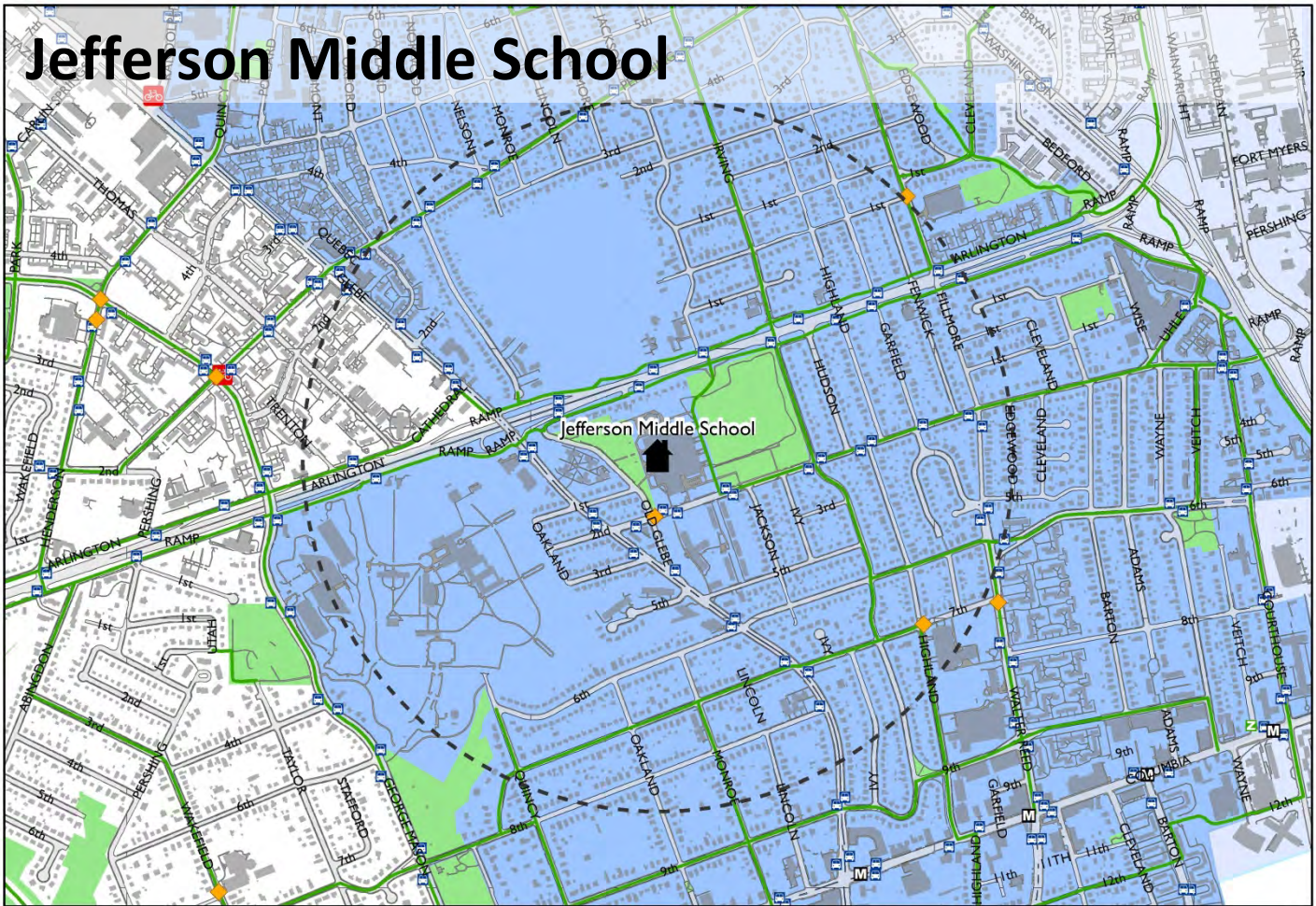
## Physical Barriers

The most noticeable barrier is Columbia Pike which divides the attendance area in half. Additional barriers include the iron fence between Rolfe Street and the multi-family housing complex to the west, and the golf course west and south of the school. These barriers minimize direct access to the school.

## Existing Travel Modes (from 2013 School Surveys)

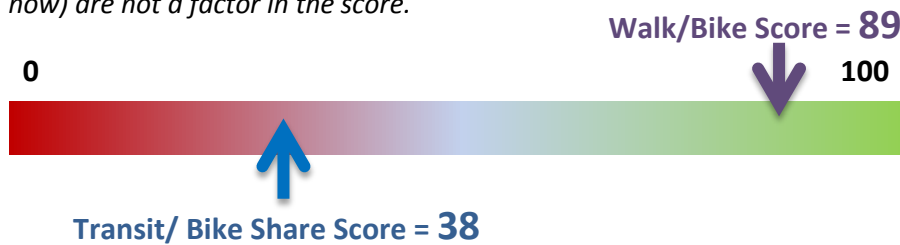


# Jefferson Middle School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Jefferson Middle School  
 125 South Old Glebe Rd.  
 Arlington, VA 22204  
 Phone: 703-228-5900

## Type of Site:

Middle School

## Grade Levels:

6 - 8

## Summary Conditions

Jefferson Middle school is located just south of Arlington Boulevard on the corner of Old Glebe Road and Second Street South. The school is collocated with the Jefferson Community Center, tennis courts and park. In 2013, the school population included 834 students and 114 teachers.

## Neighborhood Context

The school's attendance boundary and effective walk shed are bifurcated by Arlington Boulevard making accessibility to the school via bicycle or by walking limited through a few pedestrian bridges along the corridor. The neighborhood immediately located next to the school is made up of mostly single-family housing and long blocks. Most of the streets throughout the neighborhood have sidewalks although some are narrow (less than 5 ft.). There is also commercial development along S. Glebe Road, which does have some pedestrian and bicycle accommodations.

## Transportation Assets

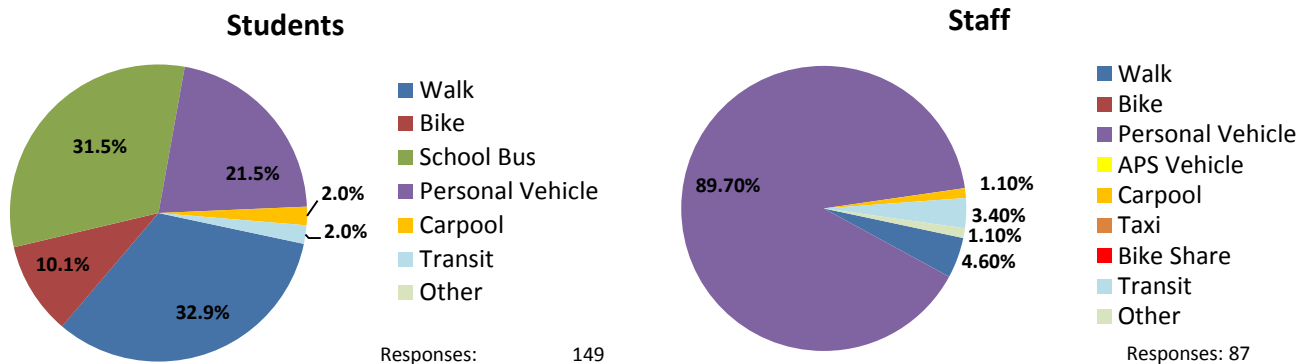
The school has access to various bus routes along S. Glebe Road, Arlington Blvd. and Second Street South. There is a pedestrian bridge connecting the school over Route 50. The school is also served by a Capital Bikeshare station located just two blocks east on the corner of S. Fillmore Street and Arlington boulevard.

There are bike lanes and traffic calming measures along Second Avenue South. There are also separated trails along Arlington Boulevard. Because the school is collocated with a Community Center and park, it has a large parking lot and a large supply of bike racks, which were over capacity at the time of the site visit.

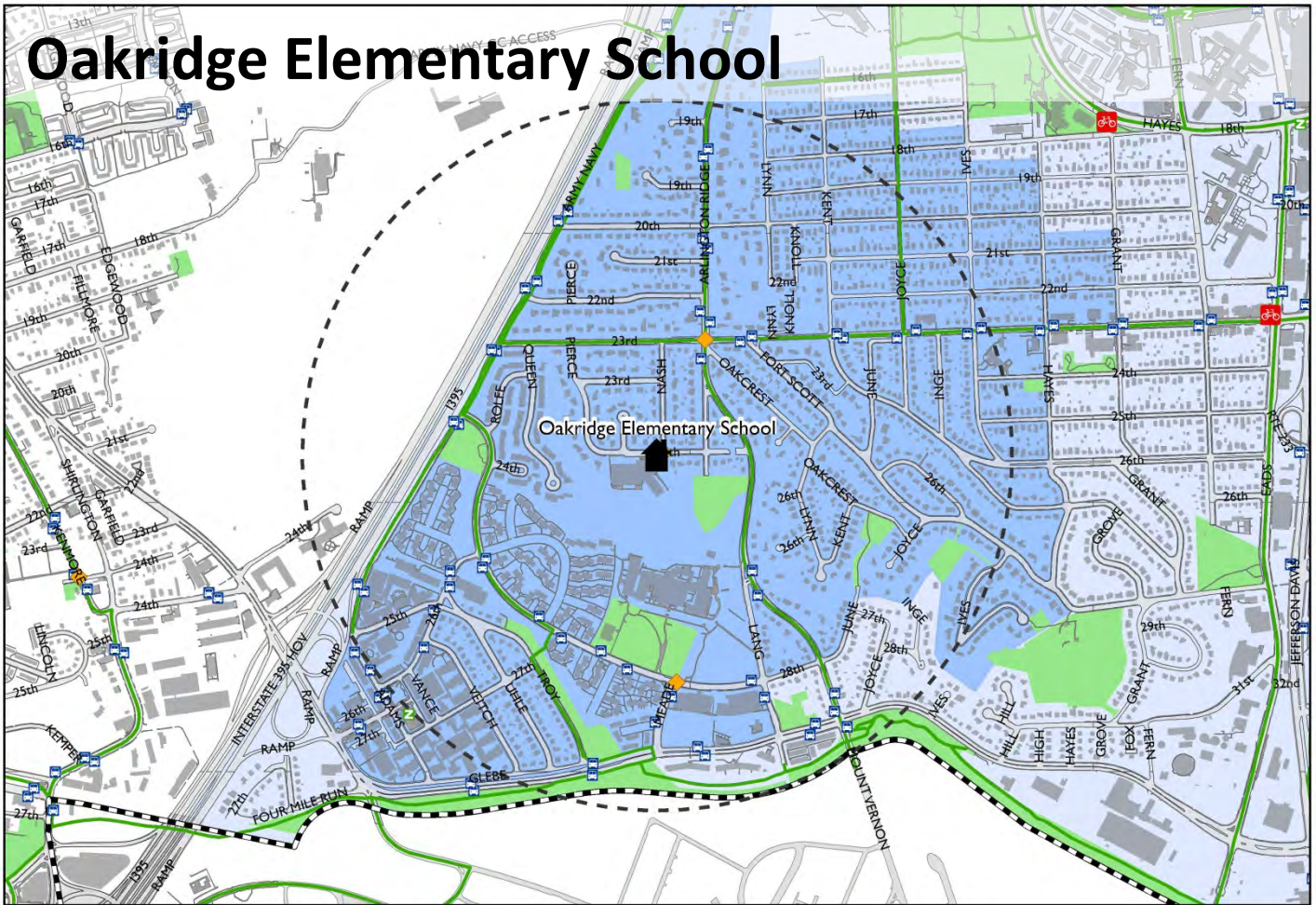
## Physical Barriers

As expressed before, the largest physical barrier is Arlington Boulevard which divides the attendance area and the effective walk zone for the school, creating limited access for pedestrians and bicyclists living north of this major thoroughfare.

## Existing Travel Modes (from 2013 School Surveys)

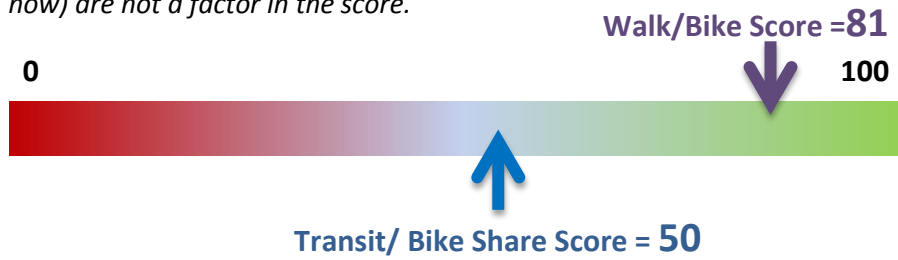


# Oakridge Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Oakridge Elementary  
 1414 24th Street, South  
 Arlington, VA 22202  
 Phone: 703-228-5840

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Oakridge Elementary is located just west of the Crystal City area in a mostly residential neighborhood. In 2013, the school population was 706 students and 98 teachers.

## Neighborhood Context

The school is located north of Gunston Middle school, in a well-connected portion of Crystal City. Many of its streets are in a grid and include recently-completed sidewalks and traffic calming infrastructure. The school orientation is influenced by the difficult topography of the area (school is located at the top of the Arlington Ridge). Much of its walking area includes low-density residential. The neighborhood immediately adjacent to the school is made up of small blocks and has recently completed/upgraded sidewalks.

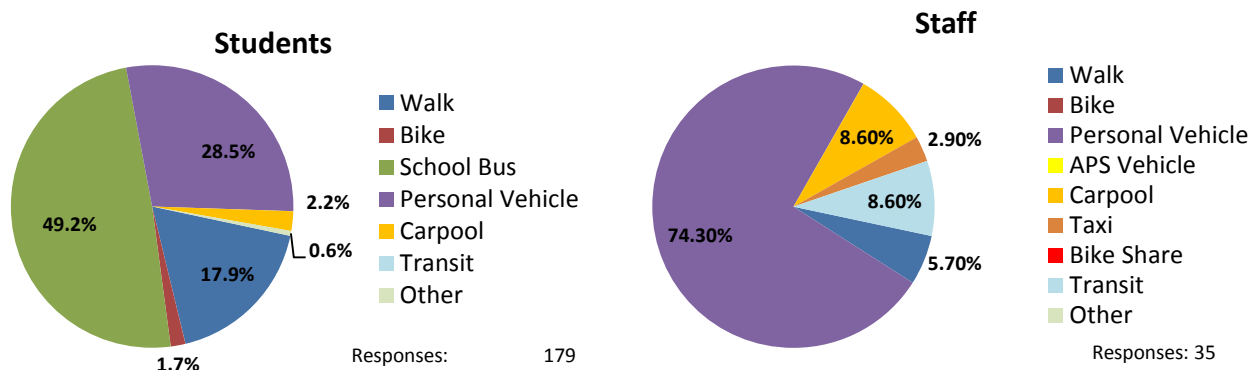
## Transportation Assets

Oakridge Elementary School has considerable transit access with WMATA and ART bus lines running on 23<sup>rd</sup> street south and Arlington Ridge. Additionally, the school is located just over 1 mile from the Crystal City Metrorail Station. While there are no Capital Bikeshare stations close to the school, its proximity to the commercial areas around Crystal City provide the school access to multiple Bikeshare and Zipcar locations. There are various recently completed traffic calming projects along 23<sup>rd</sup> street and Arlington Ridge. The crossing on the intersection of 23<sup>rd</sup> and Arlington Ridge South make it easy for pedestrians and cyclists to cross this very busy intersection. Finally, the school has various bike racks throughout its campus which were observed to be over capacity.

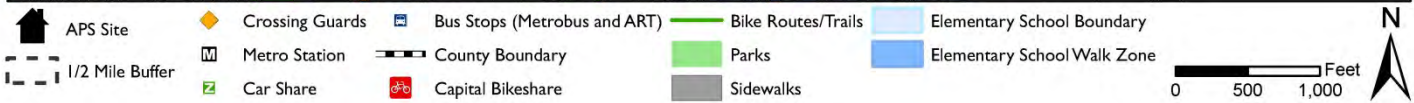
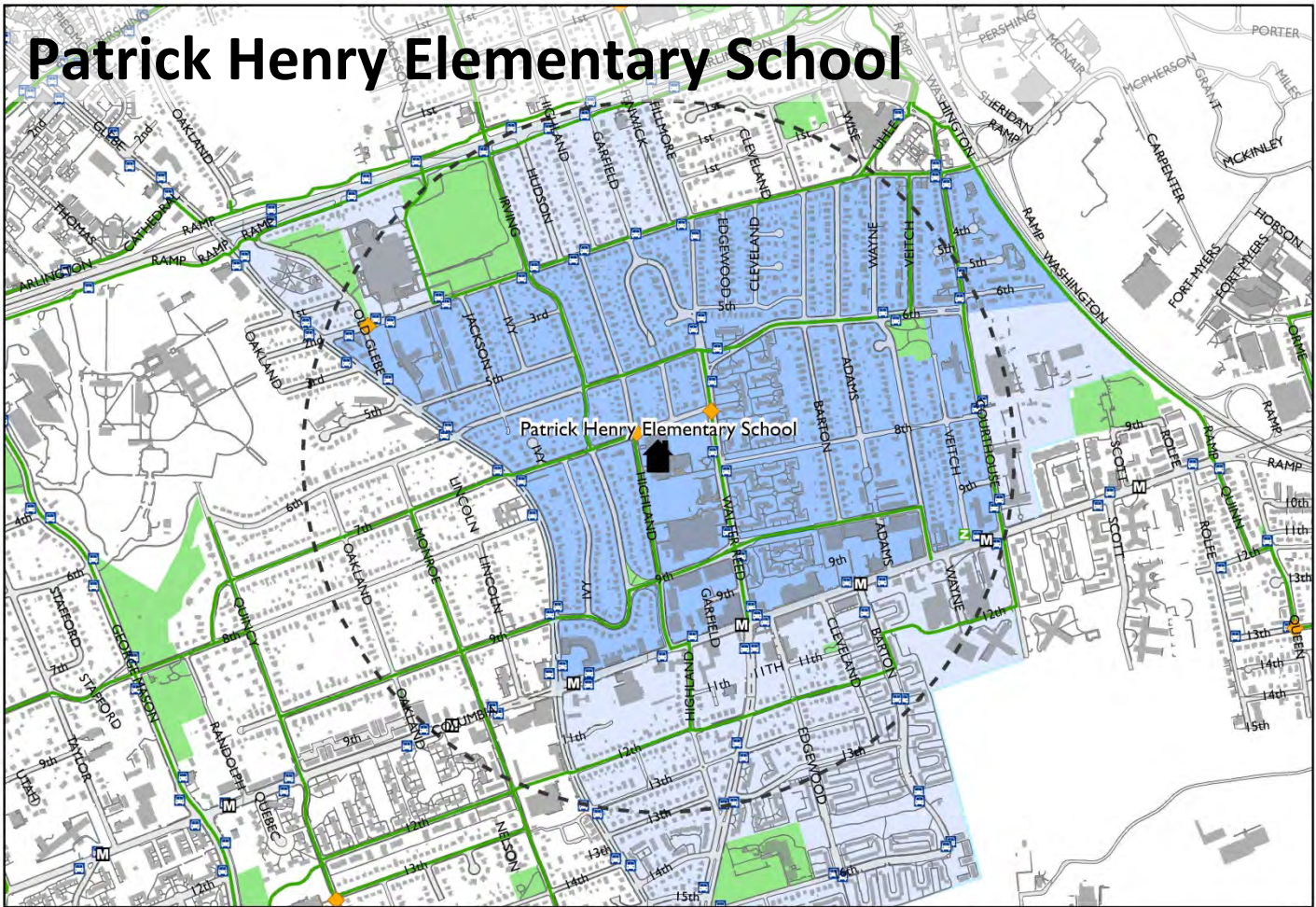
## Physical Barriers

The school is located at the top of the hill. While there appeared to be a high volume of traffic on 23<sup>rd</sup> Street South, the recent addition of traffic calming infrastructure as well as upgrades to existing sidewalks mitigate some of the barrier posed by traffic.

## Existing Travel Modes (from 2013 School Surveys)

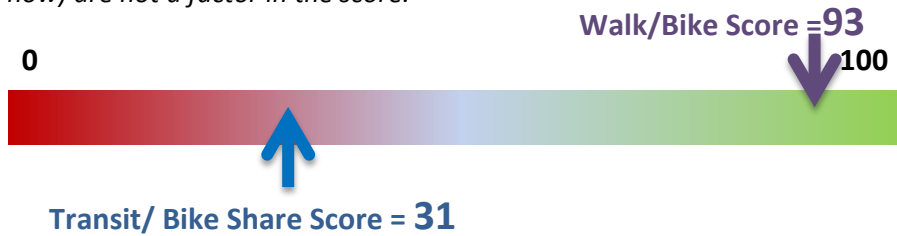


# Patrick Henry Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Patrick Henry Elementary  
701 S. Highland St.  
Arlington, VA 22204  
Phone: 703-228-5820

## Type of Site:

Elementary School

## Grade Levels:

Pre K - 5

## Summary Conditions

Patrick Henry Elementary is located at a shared site between the Columbia Pike Branch of Arlington Public Libraries and the Arlington Career Center. In 2013, the school population included 459 students and 91 faculty and staff.

## Neighborhood Context

This school is located along the mostly-commercial strip of Columbia Pike and in close proximity to various neighborhoods consisting of multifamily residential dwellings. While the neighborhoods to the north and west of the Center are residential, the Columbia Pike commercial corridor includes office, retail, and multi-family apartment buildings and has a complete sidewalk network. It is important to note that Columbia Pike divides the attendance area into two.

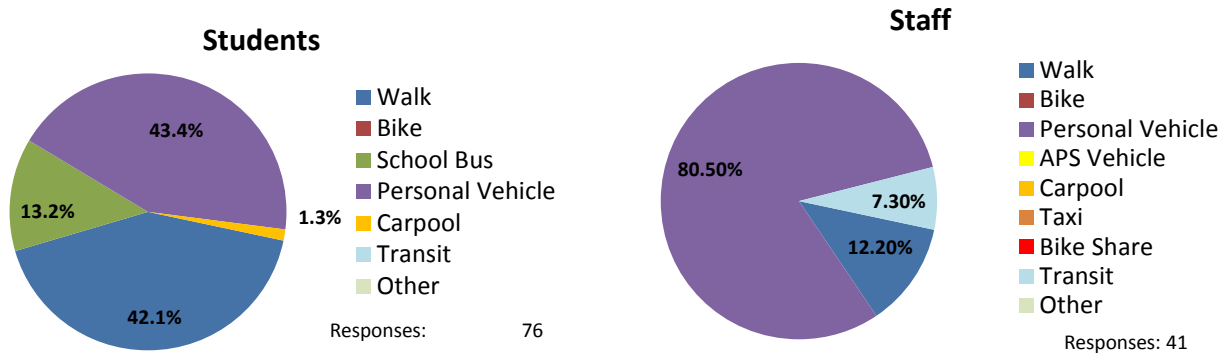
## Transportation Assets

The school is well served by WMATA and ART buses with increased access to various bus routes running along Walter Reed Drive and Columbia Pike. The site also includes a very extensive parking lot (for which a parking decal is required) that is shared with both the library and the school. Although the site is located next to two of the most utilized roadways (Walter Reed Drive and Columbia Pike), there is existing traffic calming, signalized crossings, bicycle lanes and marked crossings along both streets. There were some bike racks present at the northern most end of the school. The school is also served by a Capital Bikeshare station located at the corner of Columbia Pike and South Walter Reed.

## Physical Barriers

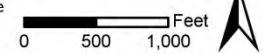
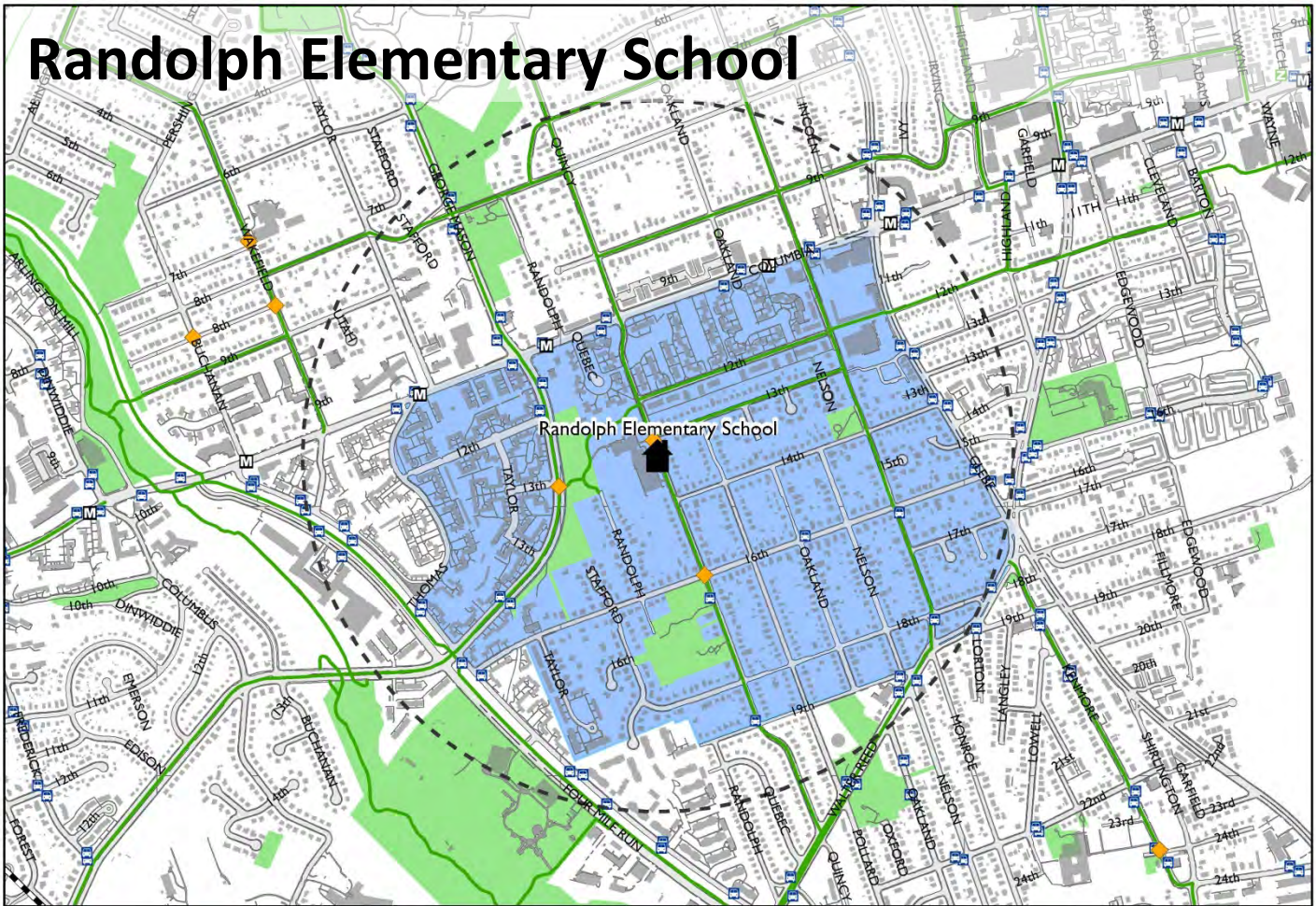
Although there are some existing traffic calming infrastructure and bicycle facilities present, the high speed and high volume of traffic observed along Columbia Pike and Walter Reed Drive create a physical barrier to the school when approaching from the south and east. At the time the field work observation was performed, there was roadways construction along Walter Reed Drive without any additional accommodation for pedestrians or bicycles.

## Existing Travel Modes (from 2013 School Surveys)



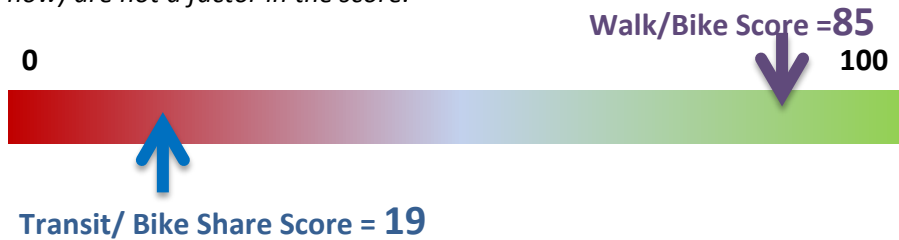


# Randolph Elementary School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Randolph Elementary  
1306 S. Quincy St.  
Arlington, VA 22204  
Phone: 703-228-5830

## Type of Site:

Elementary School

## Grade Levels:

K - 5

## Summary Conditions

Randolph Elementary is located at the southwestern part of Arlington County on the corner of 13<sup>th</sup> street and S. Quincy Street South. In 2013, the school had a total enrollment of 430 students and 91 faculty and staff.

## Neighborhood Context

Randolph Elementary School is located in compact walkable neighborhood, consisting of single-family residential on the west and south of the school and multi-family housing on the north close to Columbia Pike. The neighborhood is made up of small blocks on a grid and has a complete sidewalk network throughout. The residential neighborhood is bounded by two major thoroughfares for the county (Columbia Pike and S. Glebe Road). The neighborhood includes two large multi-family housing developments to the north and southwest of the school.

## Transportation Assets

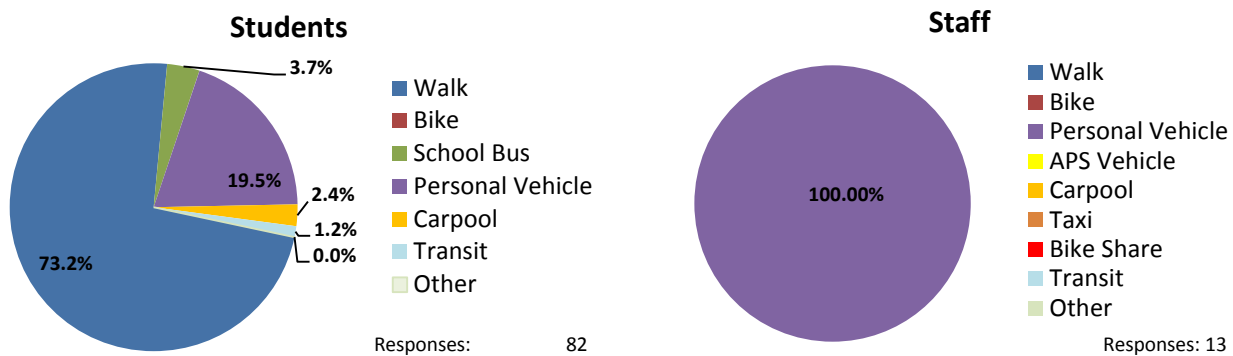
The school is well served by transit, with ART and WMATA bus stops located only one block from the school. Most buses run every 10-15 minutes Monday through Friday and connect to the Pentagon Metrorail Station. The school has a small parking lot for staff and visitors which, at the time of the site visit, was full.

Connectivity in the area around the school is good. The existing sidewalks are generally narrow (less than 5 ft.) but seem to exhibit good maintenance. There is a trail connecting the school to 13<sup>th</sup> Street South and to S. Randolph. There are also various traffic calming mechanism on Quincy Street including speed bumps, marked and signalized crossings. Observed vehicle speeds on Quincy Street were low.

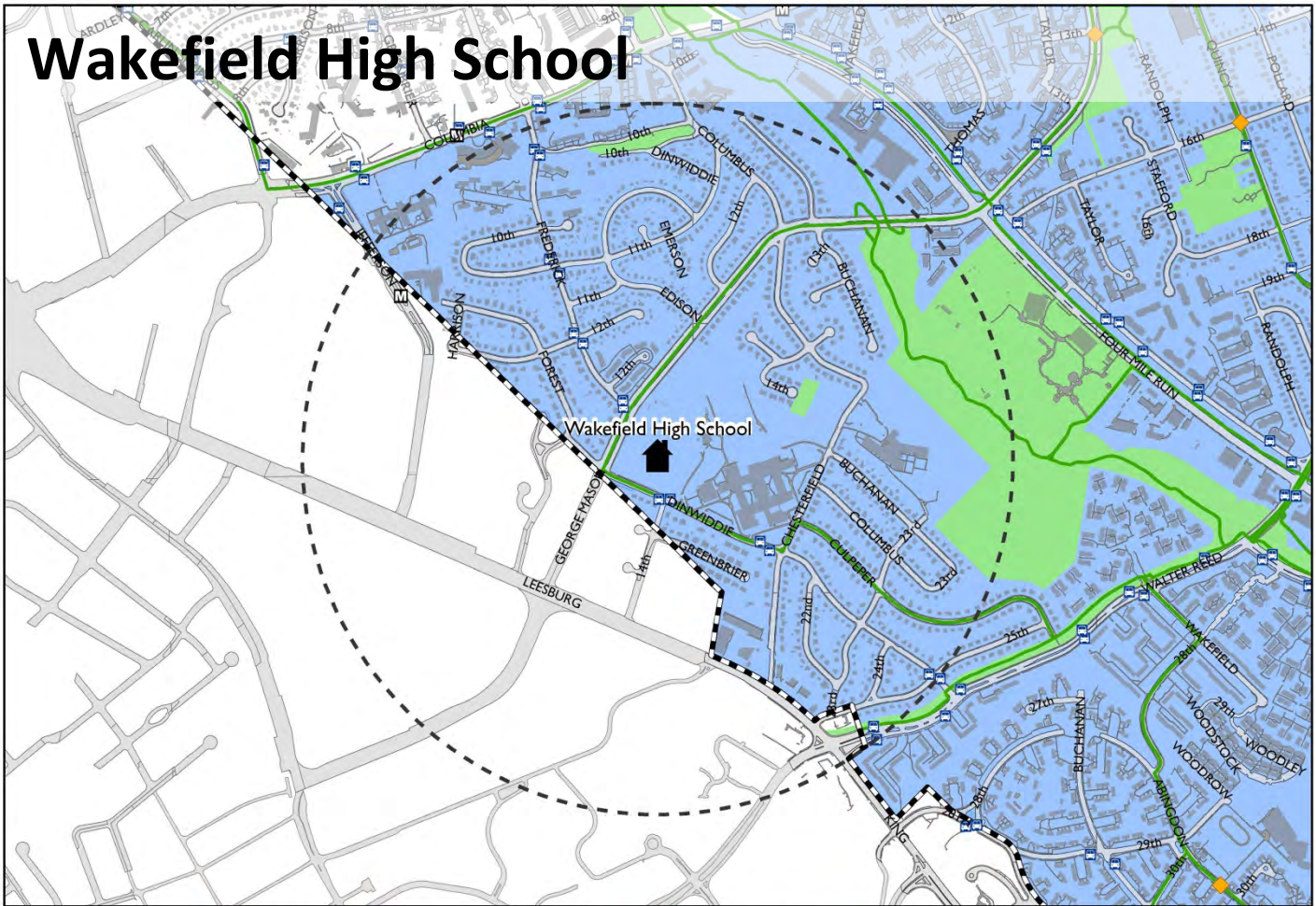
## Physical Barriers

As the school is located at top of a hill, the connectivity between western parts of the attendance zone and the school is limited due to the incline. Furthermore, vehicle speeds seemed high on George Mason Drive and Columbia Pike.

## Existing Travel Modes (from 2013 School Surveys)

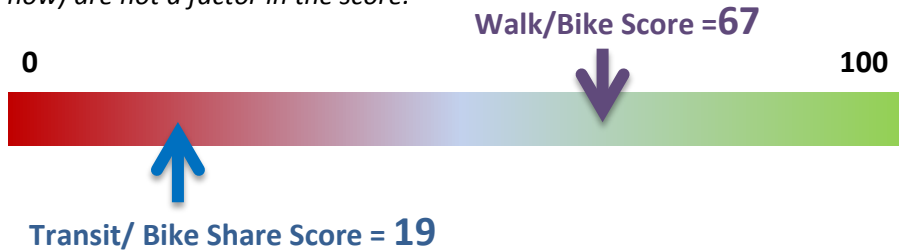


# Wakefield High School



## Multimodal Access Opportunity Scores

This score is based on the physical assets and barriers that determine each school or site's potential for increased walking, bicycling, carpooling and bus/transit use. Current travel modes (how people are accessing the school now) are not a factor in the score.



## Contact information:

Wakefield High School  
 1325 S. Dinwiddie Street  
 Arlington, VA 22206  
 Phone: 703.228.6650

## Type of Site:

High School

## Grade Levels:

9-12

## Summary Conditions

The new site for Wakefield High School is located at the corner of Dinwiddie Street and George Mason Drive, less than two blocks away from the County boundary. In 2013, the school had a total enrollment of 1483 students and 205 faculty and staff.

## Neighborhood Context

Wakefield is immediately surrounded by a compact neighborhood of single-family residences, but is located less than ½ mile from the Baily’s Crossroads commercial district. Wakefield is located one block from Claremont Elementary. At the time of the site visit (Fall 2013), the Wakefield High School site remained under construction/demolition of the old site. Most of the neighborhood is made up of semi-connected small to mid-size blocks which have sidewalks at either side. Most of the sidewalks in the vicinity of the school and around the neighborhood directly north and east were recently reconstructed or widened to accommodate more users.

## Transportation Assets

Wakefield High School is served by various WMATA and ART bus lines along Dinwiddie Road and George Mason Drive. At the time the site visit was conducted, the school had a very small parking lot with and over demand for parking spaced. Some teachers and visitors were observed utilizing unmarked on street parking on Dinwiddie Rd. There is some existing traffic calming in the form of brand new traffic circles, signalized crossings and pedestrian islands in the surrounding streets. The school also has multiple bicycle racks at each of the school entrances. Many of the racks were full at the time of the site visit.

The school is served by various trails including Four Mile Run trail located north of the school site. Direct access to the trail is somewhat limited, however, due to the steep and muddy conditions.

## Physical Barriers

While there is existing traffic calming on S. George Mason Drive, the observed speed of motorists was high. Other major roadways (Columbia Pike and Route 7) also represented major barriers for students living within the walk shed of the school.

## Existing Travel Modes (from 2013 School Surveys)

