Pedestrian and Bicycle Master Plan Update Complete Streets Design Guidelines

Ad Hoc Pedestrian and Bicycle Master Plan Advisory Committee

October 9, 2014

Meeting #2

Agenda

- Welcome and Introductions
- Debrief on Public Meeting

Public Discussion

- Project Goals / Objectives
- Existing Conditions, Issues and Needs

Public Discussion

- Vice Chair Election
- Wrap Up and Next Steps

Ground Rules

- Everyone's opinions are important and valid
- Meetings will begin and end on time
- Please follow the agenda
- Be respectful and courteous - avoid dominating the conversation
- Purpose of the meeting is for Committee discussion
- Time is reserved for public comment
- Please silence cell phones and other mobile devices

Debrief on Public Meeting

- Approximately 60 people
- Outreach and publicity:
  - ✓ Project Webpage
  - ✓ City Web box
  - ✓ E-News
  - ✓ Manager's Report
  - ✓ Facebook
  - ✓ Newspaper Ads – Alexandria Gazette, Washington Hispanic
  - ✓ City Listserves
  - ✓ Ad Hoc Committee members
  - ✓ Flyers (In English / Spanish) at Rec Centers, Parks, Libraries, farmers markets and festivals, Arlandria businesses, Arlandria Chilagua Business / Housing Council, St.Ritas Catholic Church
  - ✓ Poster on most DASH Buses

Key issues/opportunities we have heard so far:

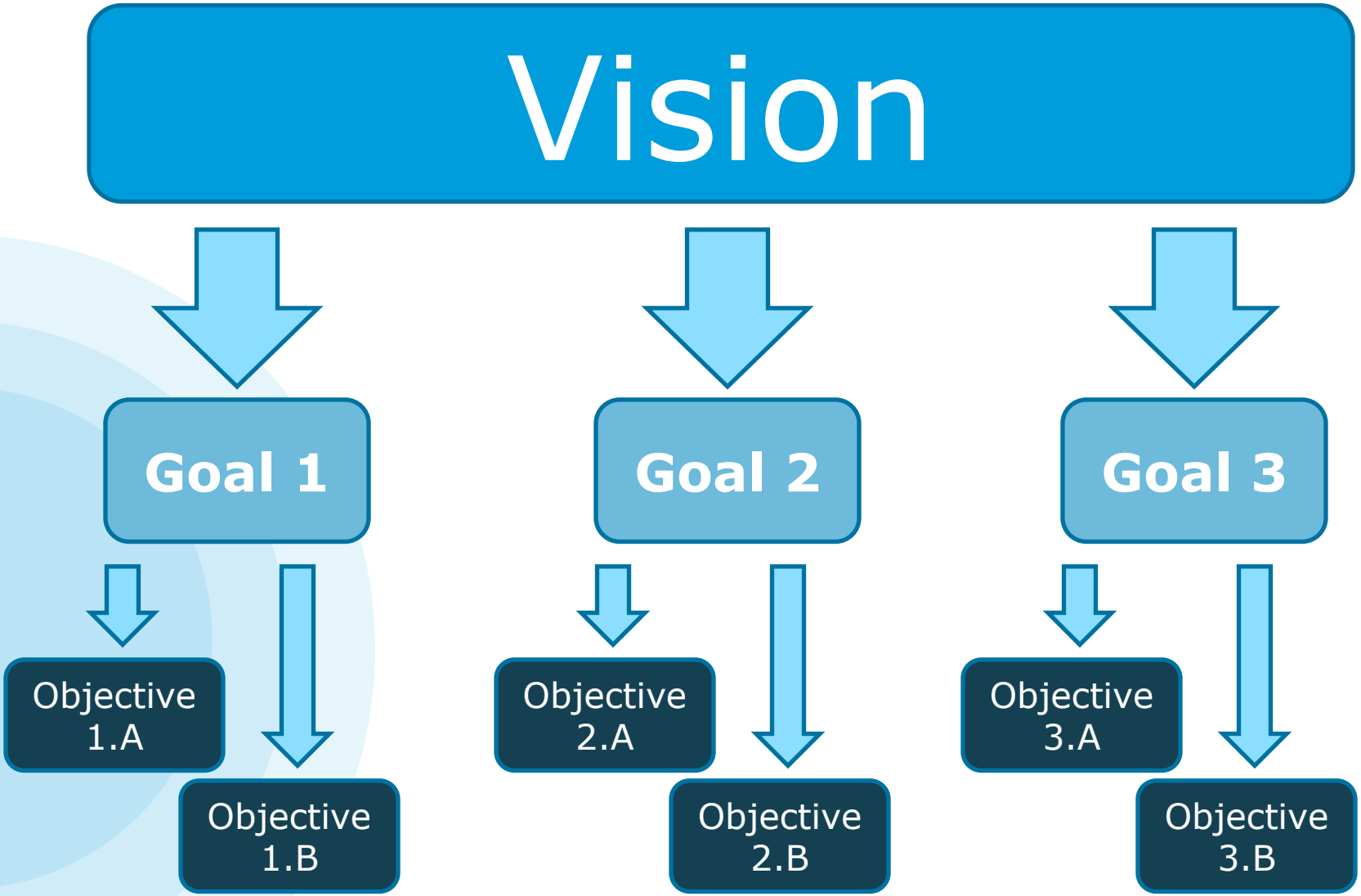
- Targeted intersection improvements
- Safe Routes to Schools
- Improved access for people with disabilities
- Connections to key destinations
  - Schools/Parks
  - Transit Stations
  - Neighborhood Retail Centers
  - Trails
- Safety concerns
- Desire lines

Key issues/opportunities we have heard so far:

- East/West connections
- North/South connections
- Transitions at trail start/end points
- Improving informal connections
- Connect to neighboring jurisdictions/destinations
- Improved enforcement of drivers and bicyclists
- Improved education for all modes
- Increased awareness of rules of the road
- Licensing of bicyclists

Pedestrian and Bicycle Goals/Objectives

Refresher – Vision/Goals/Objectives



Example - Vision

The City of Alexandria envisions a transportation system that encourages the use of alternative modes of transportation, reducing dependence on the private automobile. This system will lead to the establishment of transit-oriented, pedestrian friendly village centers, focused on neighborhood preservation and increased community cohesion, forming a more urban, vibrant and sustainable Alexandria. The City will promote a balance between travel efficiency and quality of life, providing Alexandrians with transportation choice, continued economic growth and a healthy environment.

Example – Goal / Objective

- Pedestrians

Goal 1. Engineering
The City will provide a continuous, connected and accessible network that enables pedestrians – particularly children and those with mobility impairments – to move safely and comfortably between places and destinations.

Objective 1.B
Ensure that accessible curb ramps exist at all pedestrian crossings

Committee Discussion

- Do you feel the following goals adequately address your priorities for walking and bicycling in Alexandria?

- Are there additional concepts that should be considered to help guide the implementation of this plan?

Overarching Pedestrian Goal

Walking will be the safest, most convenient and enjoyable way to get around in Alexandria

Pedestrian Goals

Goal #1. Engineering:

The City will provide a **continuous, connected and accessible network** that enables pedestrians—particularly **children and those with mobility impairments** —to **move safely and comfortably** between places and destinations.

Pedestrian Goals

Goal #2. Encouragement:

The City will **encourage mobility for all** pedestrians by **removing barriers to accessibility** and **promoting walking** as a means of improving health and active lifestyles.

Pedestrian Goals

Goal #3. Education:

The City will develop **Safe Routes to School Programs** and **awareness initiatives** that address pedestrian **safety, rights and responsibilities**.

Pedestrian Goals

Goal #4. Enforcement and Safety:

The City will create a safe pedestrian environment through **effective law enforcement**, **detailed crash analysis** and **implementation of safety countermeasures**.

Overarching Bicycle Goal

Make bicycling an integral part of the transportation system in Alexandria

Bicycle Goals

Goal #1. Engineering:

The City will complete a connected system of primary and secondary bikeways with ample bicycle parking to serve all bicyclists' needs.

Bicycle Goals

Goal #2. Encouragement:

The City will seek to increase bicycle usage and bicycle-transit connections through targeted outreach and encouragement.

Bicycle Goals

Goal #3. Education:

The City will develop and implement targeted Safe Routes to School Programs as well as additional programs for adult cyclists and motorists.

Bicycle Goals

Goal #4. Enforcement and Safety:

The City will create a safe bicycling environment through effective law enforcement and implementation of bicycle safety enhancements.

Public Discussion

Existing Conditions

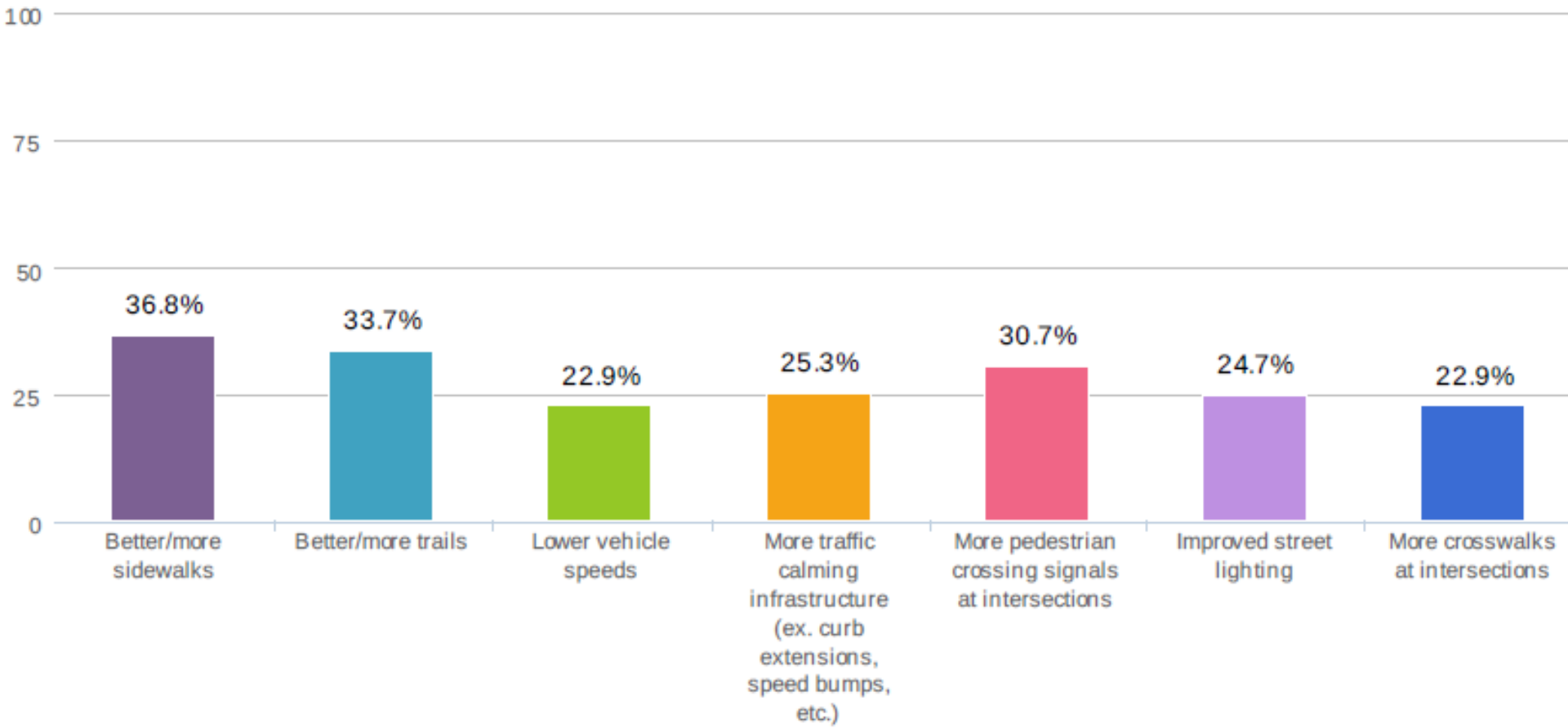
WikiMap

Pedestrian and Bicycle Master Plan Update
INSTRUCTIONS
DRAW your ideas by clicking "Add route" or "Add point" in the menu bar below.
DESCRIBE the route or point by answering a few questions.
CLICK on a route or point to "Agree/Disagree" with other users' suggestions.
For detailed instructions, see "About & Help" below.
LEGEND
Route I currently ride/walk
Route I'd like to ride/walk
Place I currently ride/walk to
Place I'd like to ride/walk to
Barrier to walking
Barrier to biking
Suggested Bike Share Station
BASEMAP
City Limits
Bike Path/Trails
Bike Lane
Bike Friendly Road
Existing Capital Bikeshare Station
Planned Capital Bikeshare Station
About & Help
Add route
Add point
Photo Stream
Map
Satellite
Henry G. Shirley Memorial Hwy
Capital Beltway
Map data ©2014 Google

Online Survey

What we've heard so far

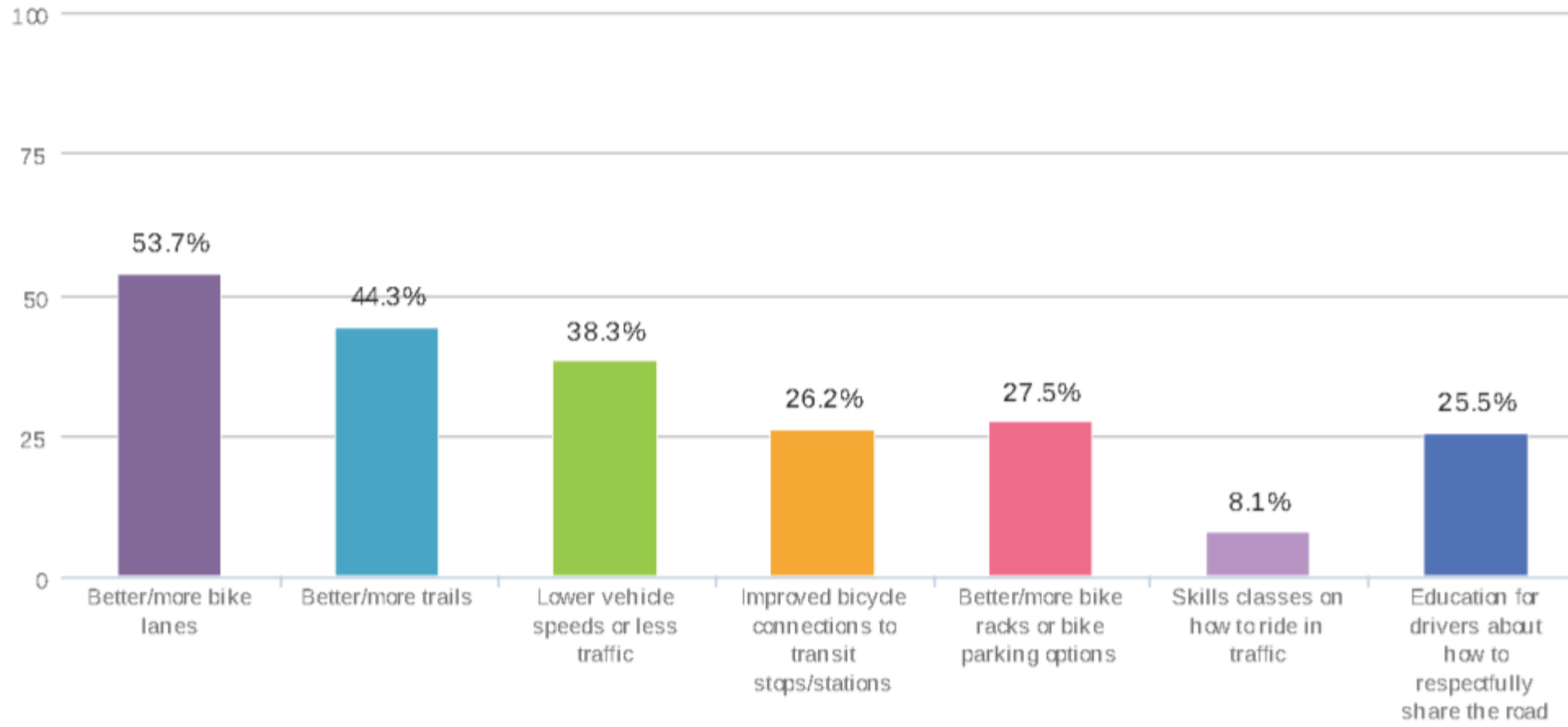
What type of improvements would encourage you to **walk** more often? (Select up to 5)



Online Survey

What we've heard so far

What type of improvements would encourage you to **bike** more often? (Select up to 5)

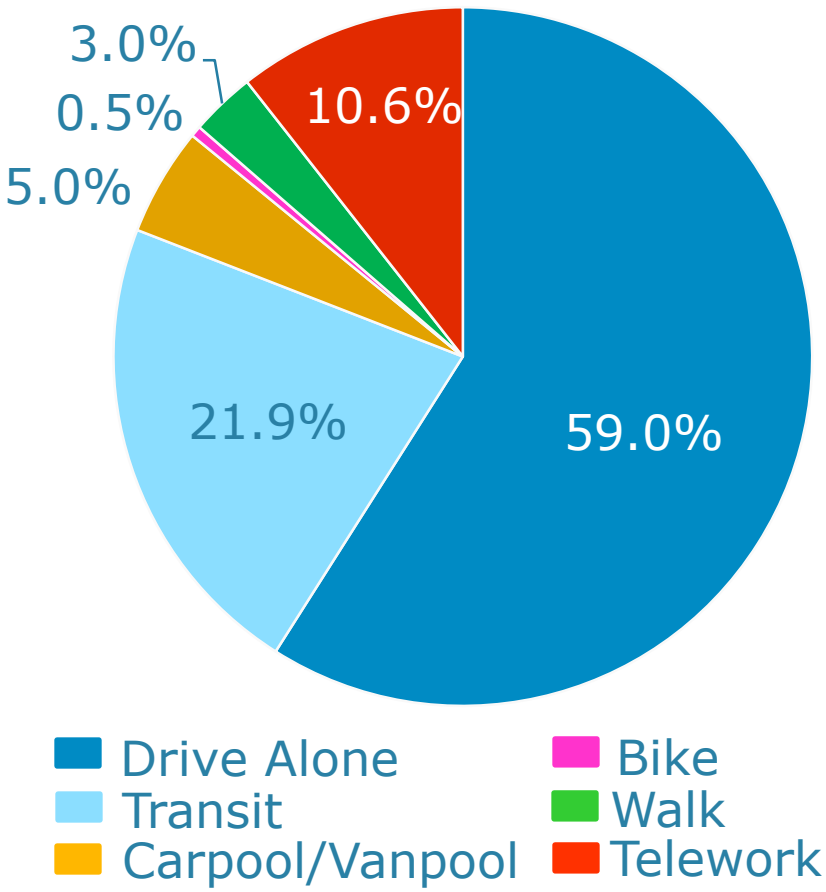


Existing Facilities

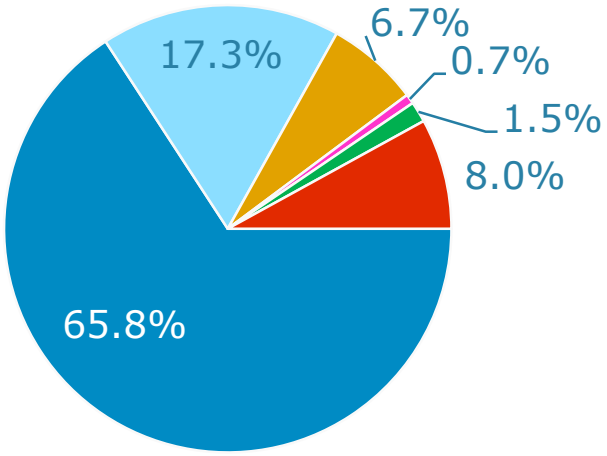
- ~73% of streets have sidewalks
- Over 770 transit stops/stations
- 25.6 miles of trails
- 8.2 miles of bike lanes
- 11.7 miles of "sharrows"
- 16 Capital Bikeshare stations

Alexandria Commute Mode

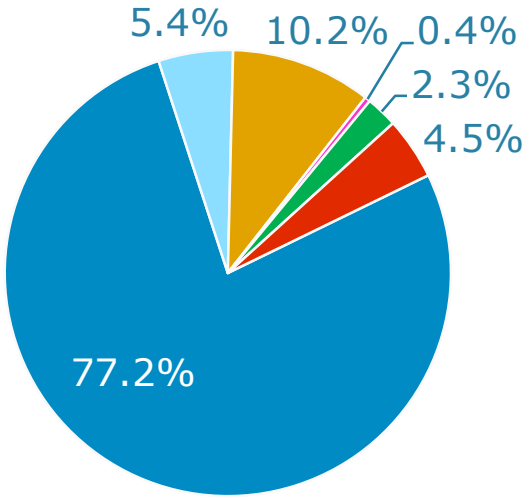
ALEXANDRIA



D.C. REGION



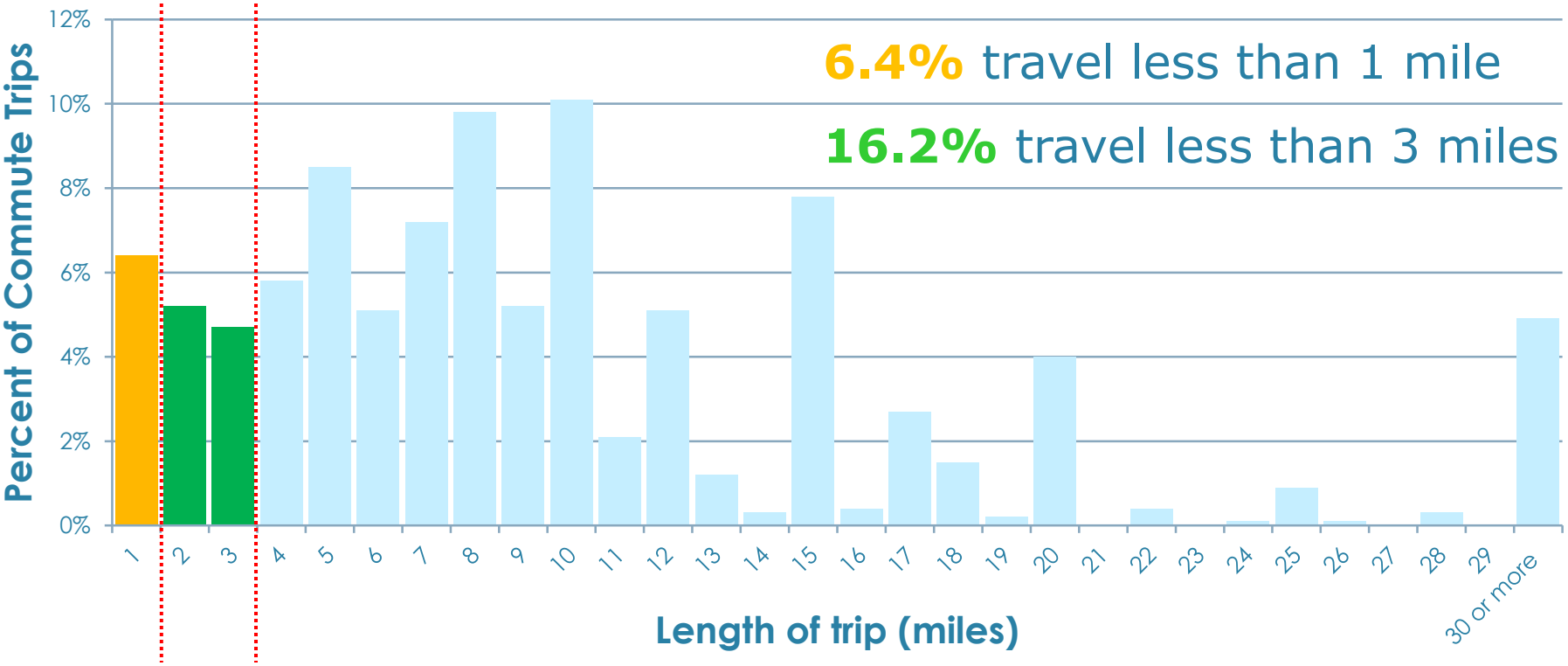
VIRGINIA



Source: MWCOG State of the Commute 2013.
US Census Bureau 2013. File S0801 – Commuting Characteristics by Sex.

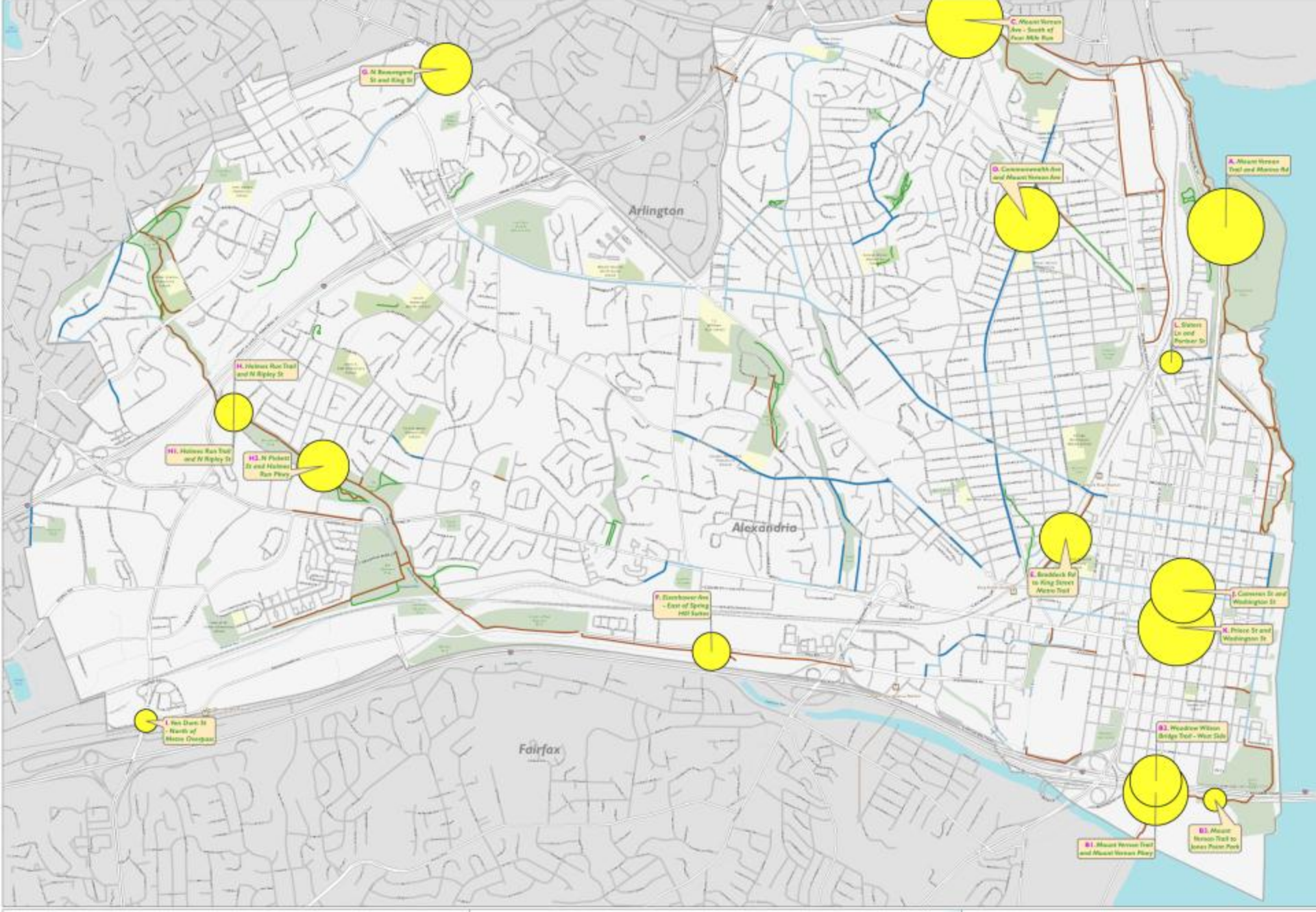
Alexandria Commute Distance

Commute Length (Miles), Alexandria Residents



Source: MWCOG State of the Commute 2013. City of Alexandria Commuting Distance Alexandria Residence

Pedestrian Network



City of Alexandria, Virginia

Department of Transportation and Environmental Services

Pedestrian and Bicycle Master Plan

Pedestrian Counts 2011-2014

Collected by the Alexandria Bicycle and Pedestrian Advisory Committee on Thursdays and Saturdays in January, May, July, & September

Total Pedestrians: High, Low

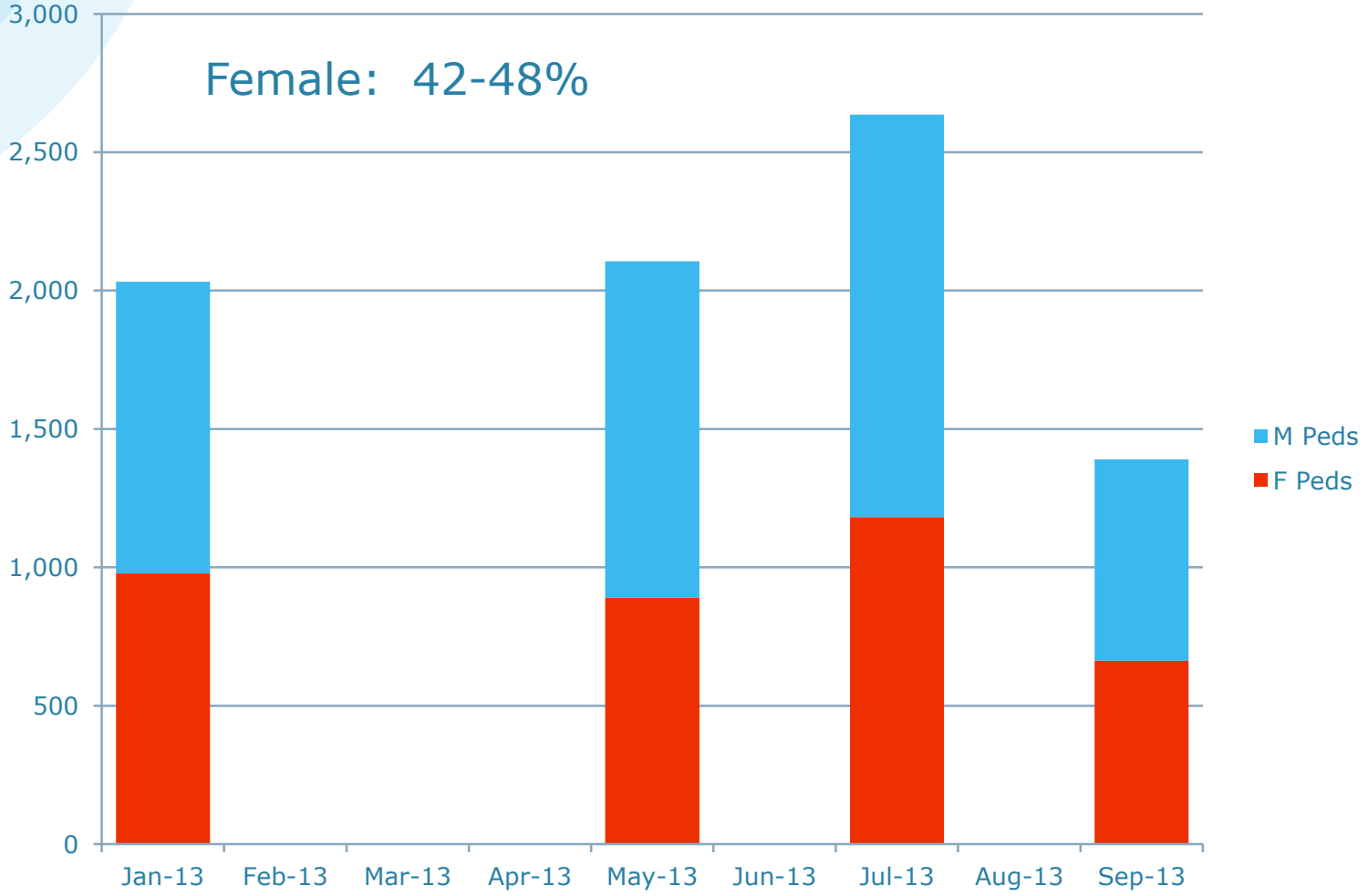
Facilities: Bike Lane, Sharrow, Trail, Unpaved Natural Trail

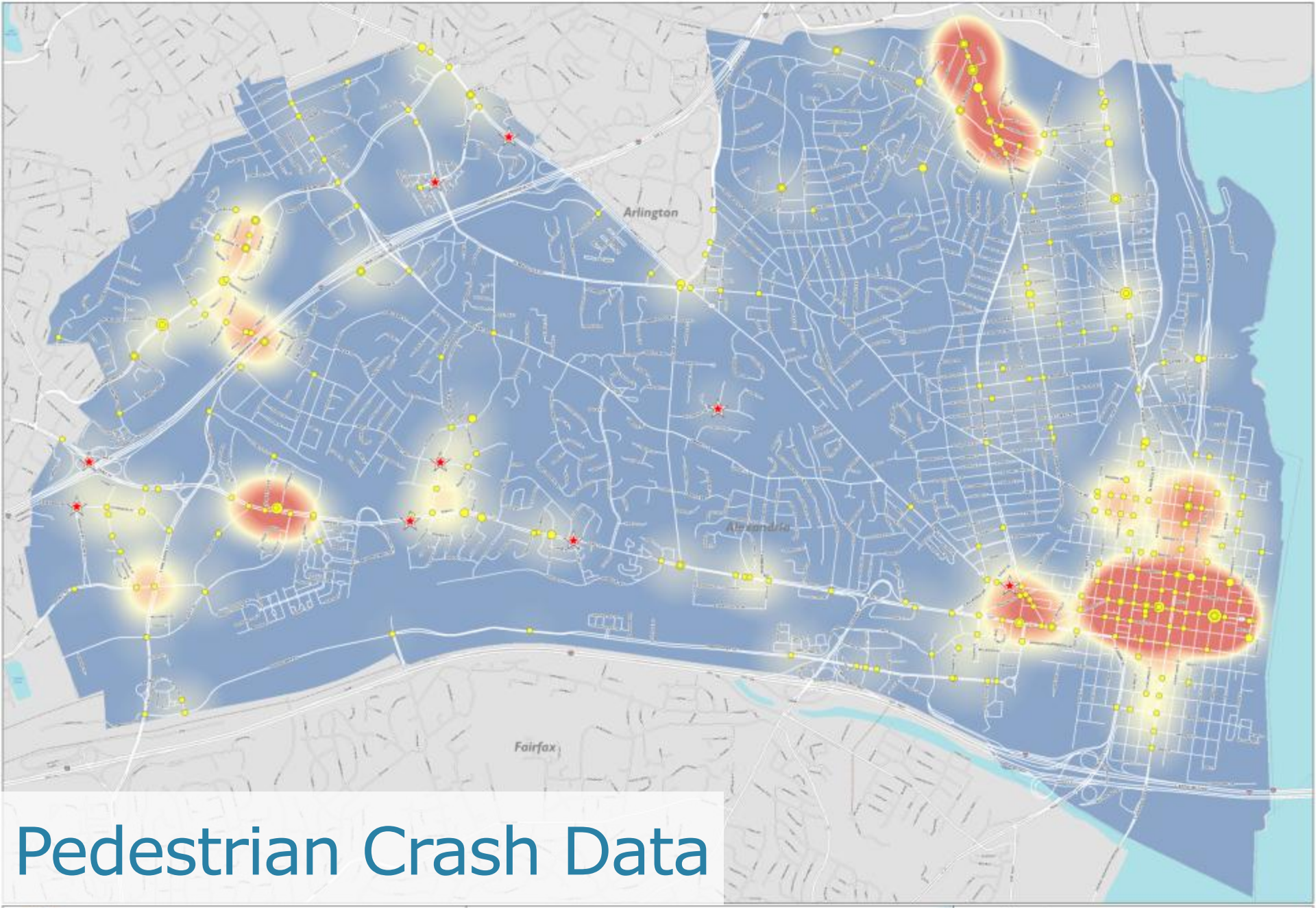
Other: Metro Station, Rail Line, City Boundary, Parks

0, 0.25, 0.5 Miles

N

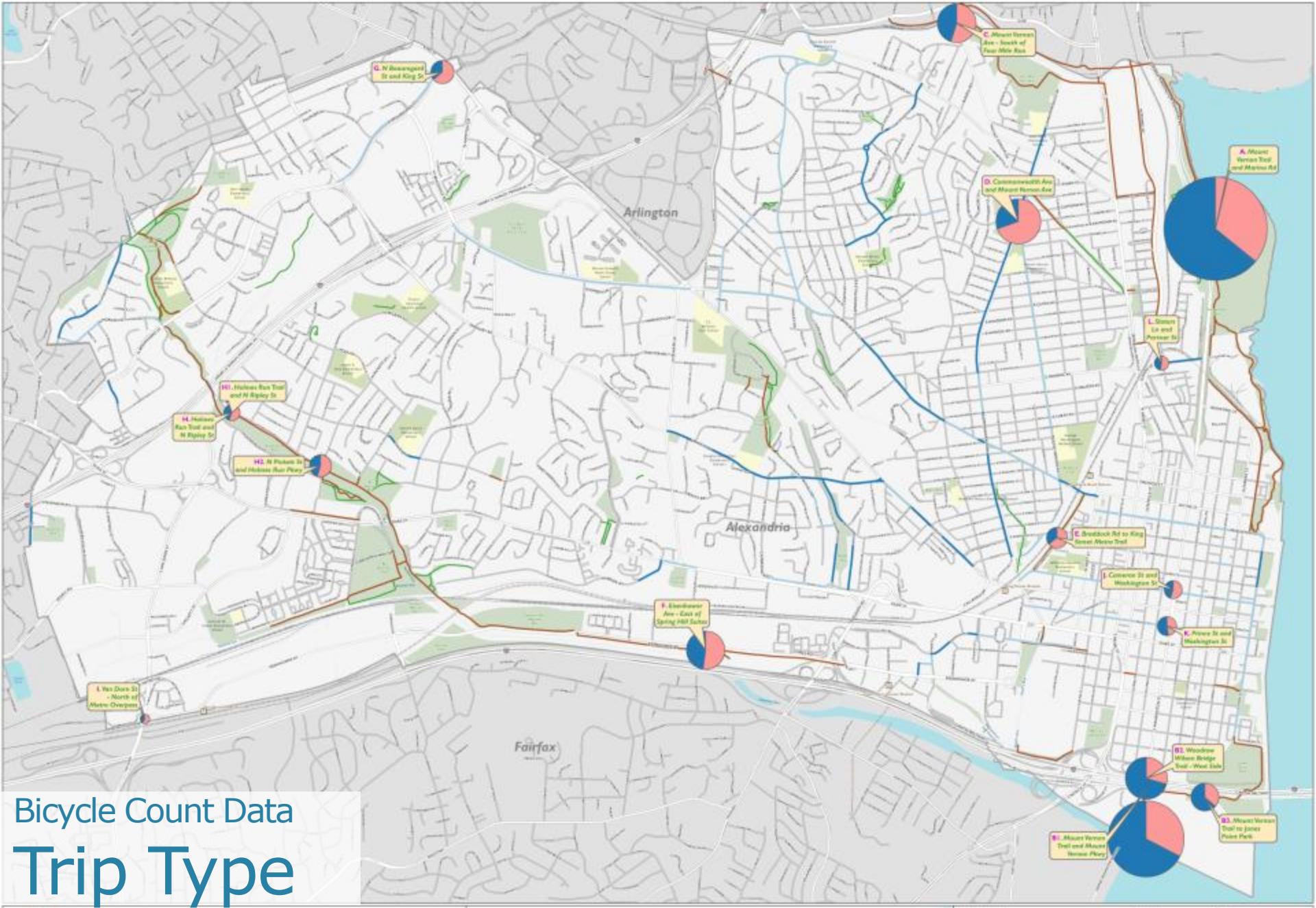
Pedestrian Count Data





Pedestrian Crash Data

Bicycle Network



Bicycle Count Data

Trip Type

City of Alexandria, Virginia

Department of Transportation and Environmental Services

Pedestrian and Bicycle Master Plan

Bicycle Trip Types 2011-2014

Collected by the Alexandria Bicycle and Pedestrian Advisory Committee on Thursdays and Saturdays in January, May, July, & September

Bicycle Counts

- Commutes (Bike Trips Thursday 5:00-7:00 PM)
- Recreational Rides (Bike Trips Saturday 12:00-2:00 PM)

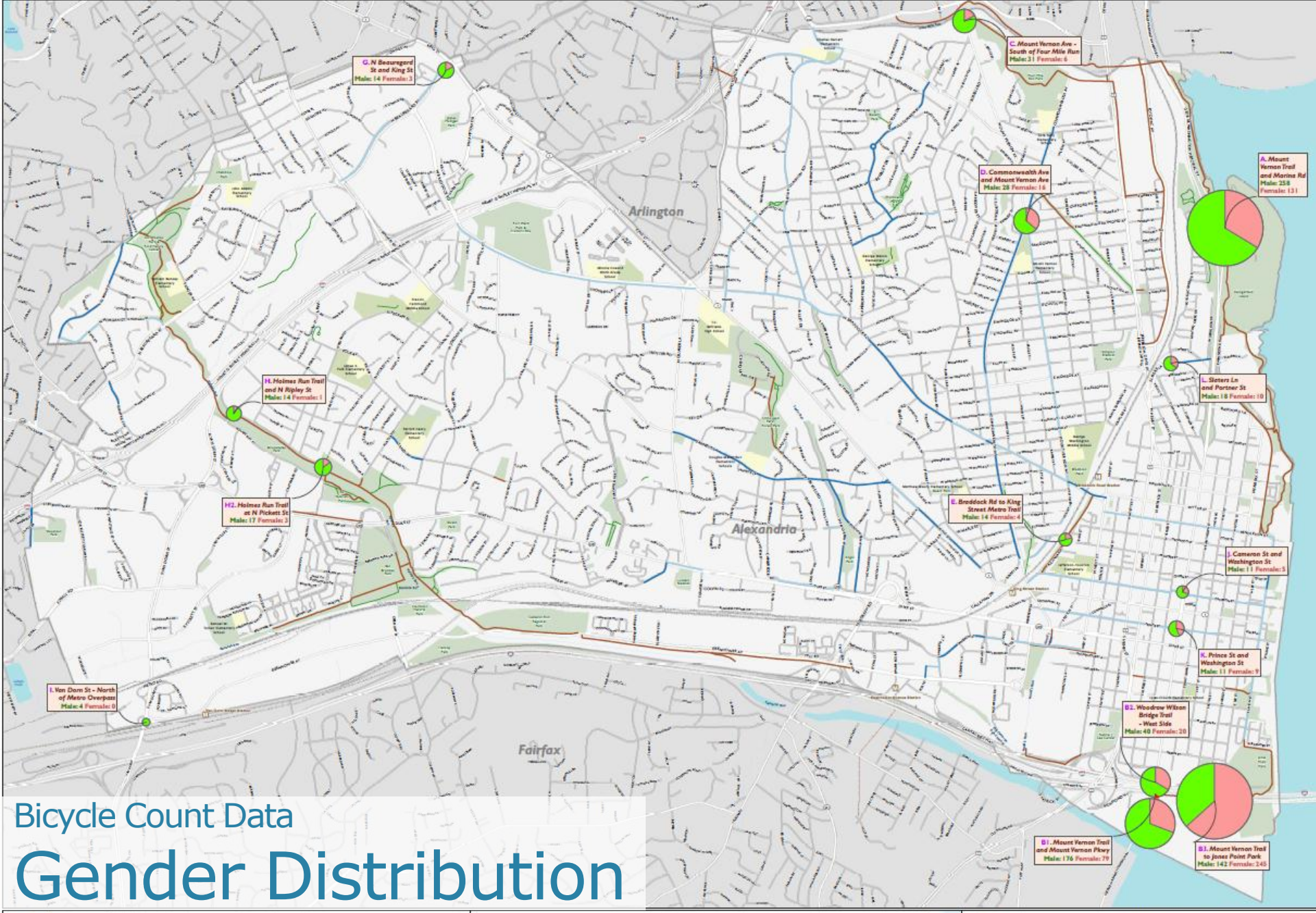
Facilities

- Bike Lane
- Sharrow
- Trail
- Unpaved Nature Trail

Other

- Metro Stations
- Rail Line
- City Boundary
- Parks

N



Bicycle Count Data

Gender Distribution

City of Alexandria, Virginia

Department of Transportation and Environmental Services

Average Bicycle Counts on Saturdays in May 2012-2014

Collected by the Alexandria Bicycle and Pedestrian Advisory Committee

Pedestrian & Bicycle Master Plan

Male/Female Bicycle Counts

10

Average Female Cyclists on Saturday in May

Average Male Cyclists on Saturday in May

Existing Facilities

Bike Lane

Sharrow

Trail

Unpaved Nature Trail

Other

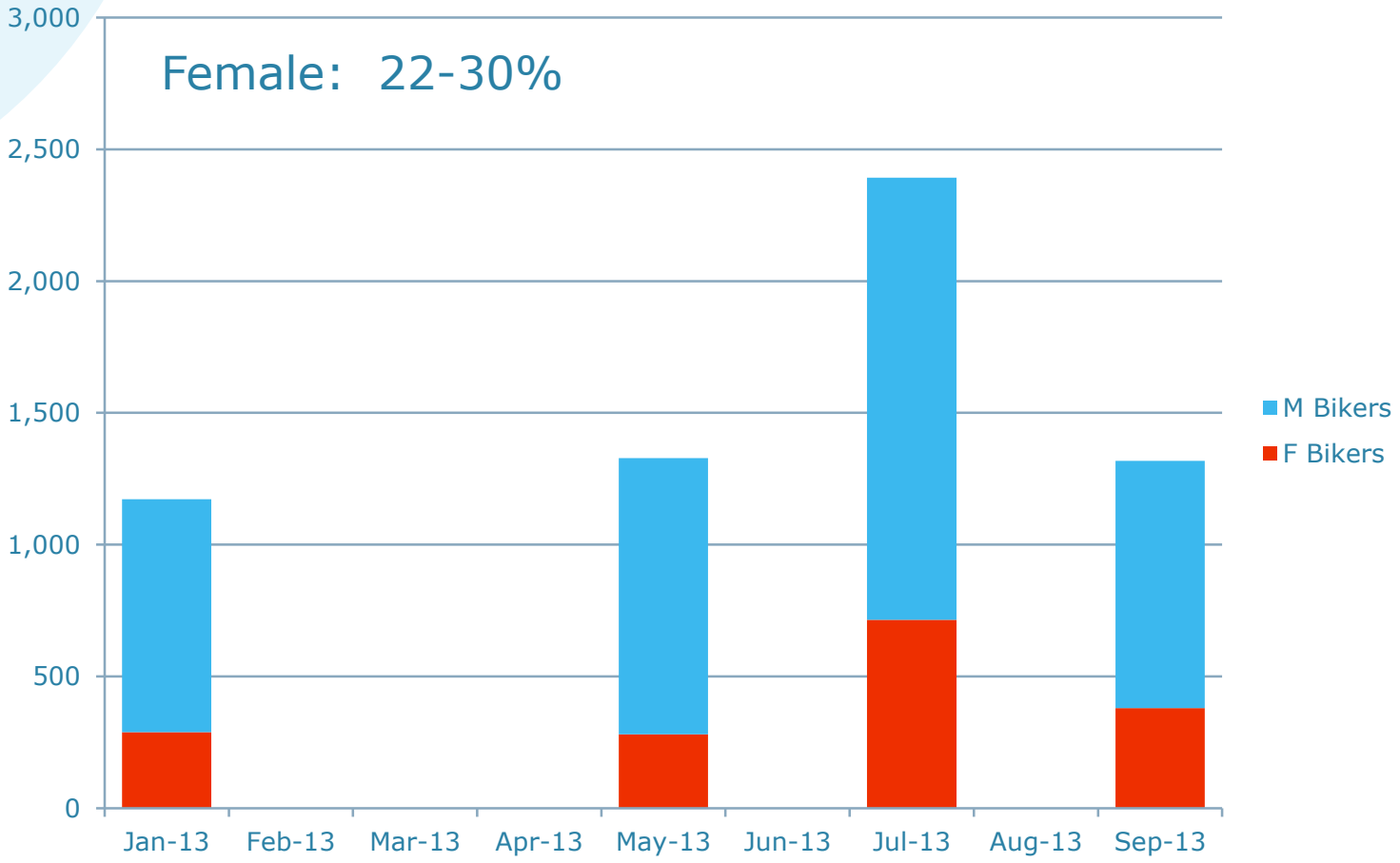
Metro Station

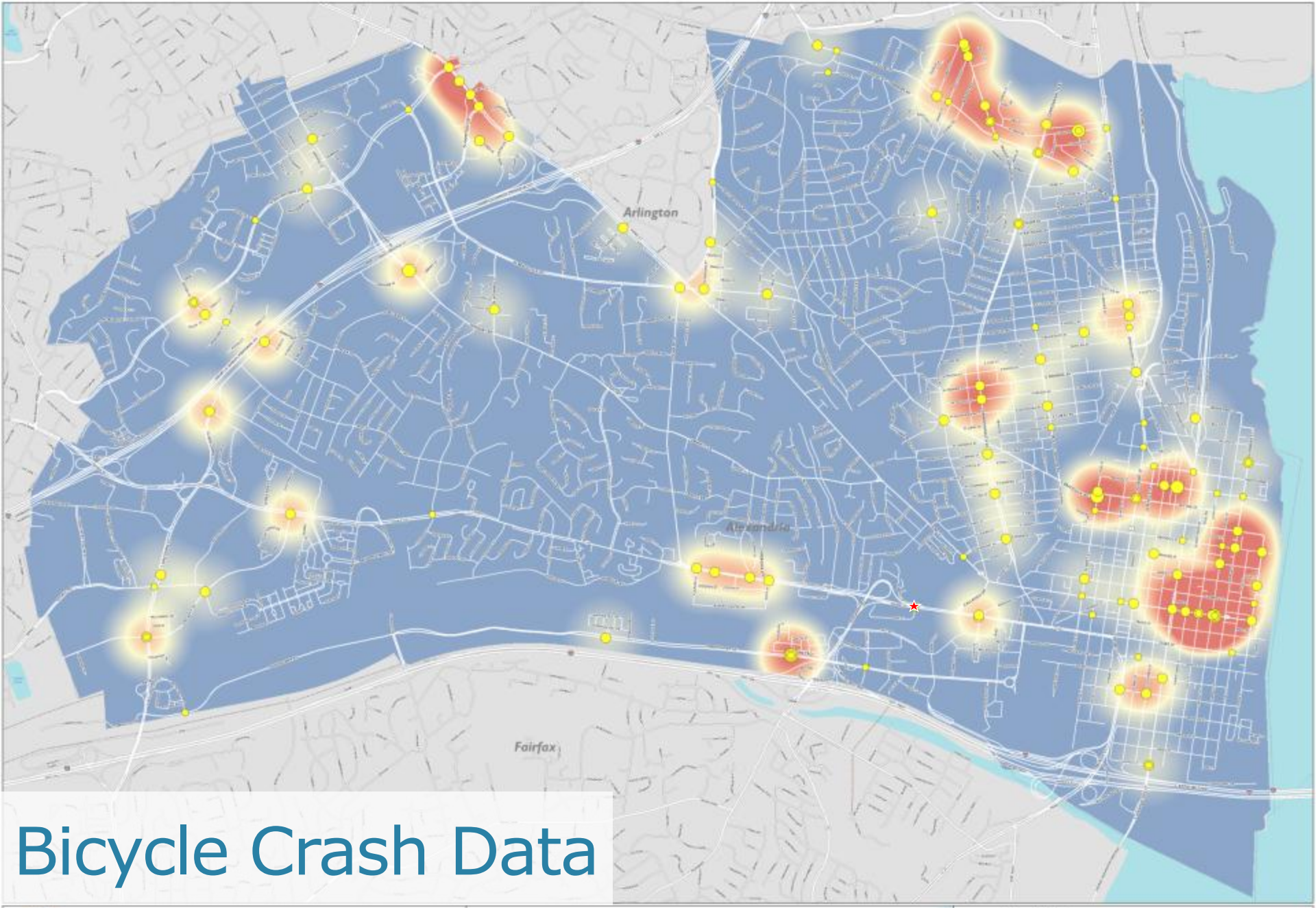
Rail Line

City Boundary

Parks

Bicycle Count Data





Bicycle Crash Data

Capital Bikeshare

Initial System

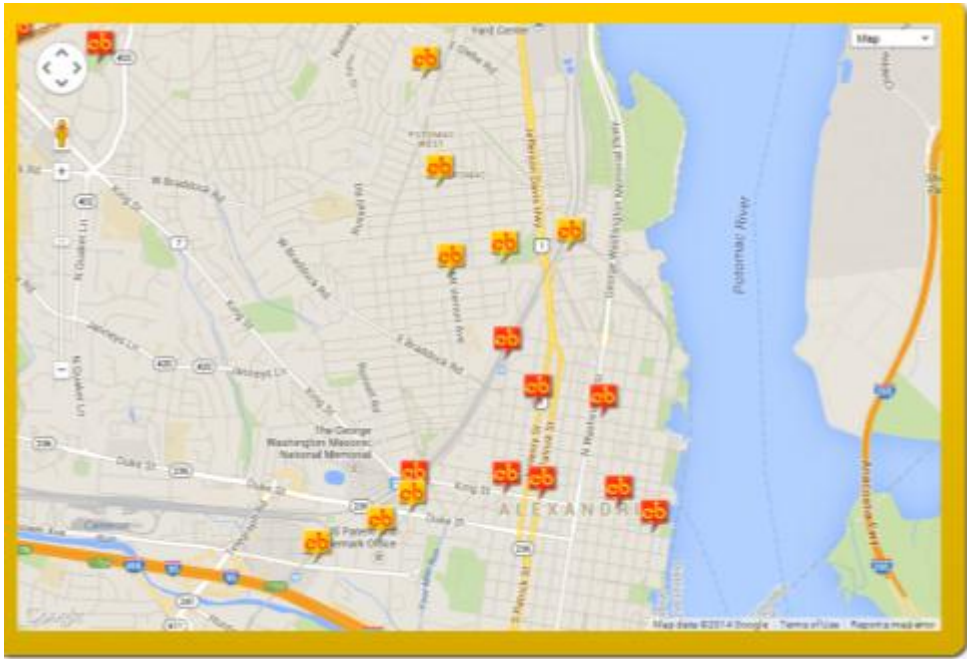
- Stations 8
- Bikes 80
- Docks 120

Expanded System

- Stations 16
- Bikes 160
- Docks 223

Usage

- Rides 45,793*
- Miles Ridden 79,667*

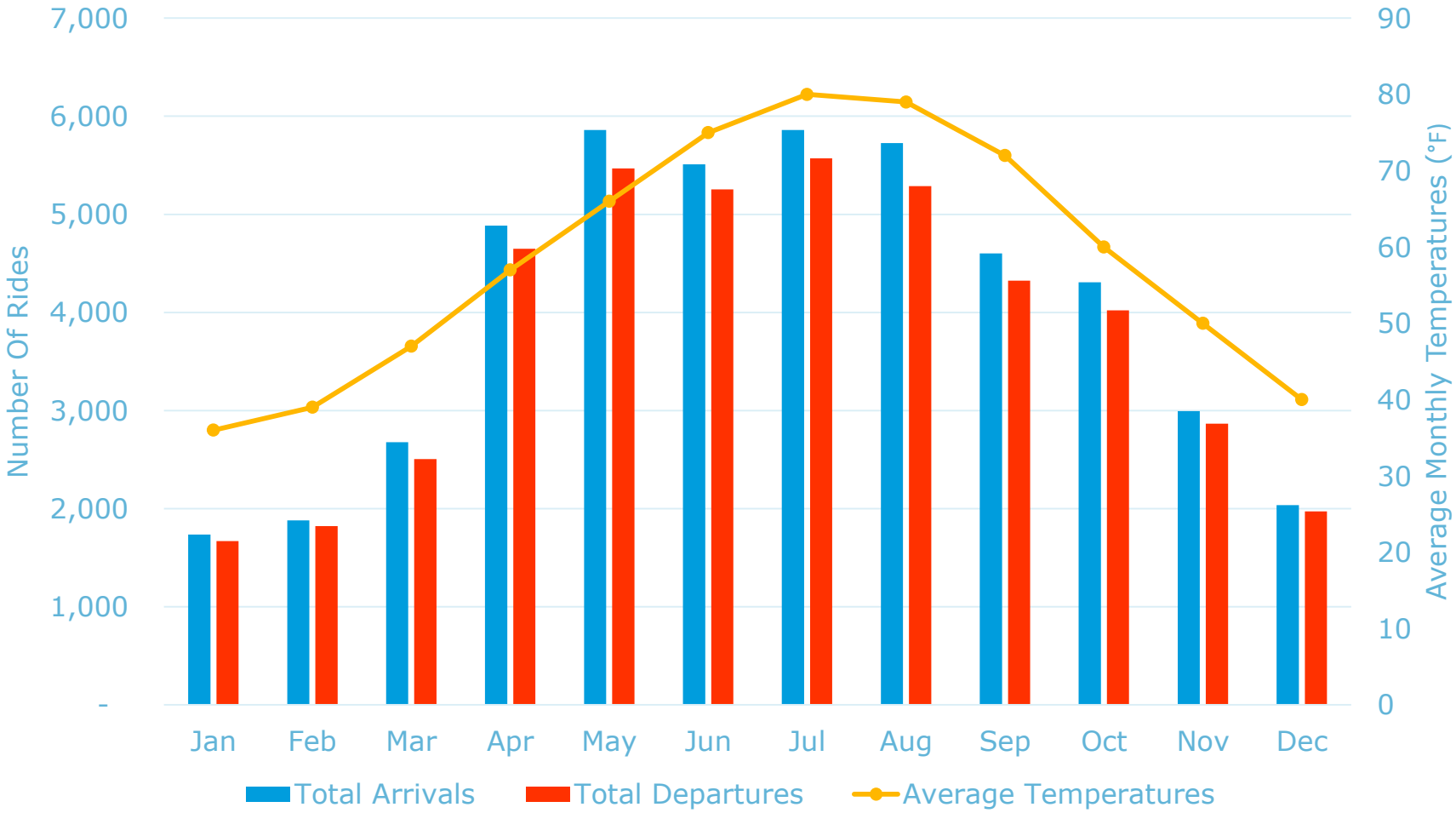


Initial System (September 2012)

Expanded System (August 2014)

* Capital Bikeshare (Data Dashboard) data from Sept. 2012 – Aug. 2014.

Capital Bikeshare
Number of Rides Per Month



Source: Capital Bikeshare (Data Dashboard) data from Sept. 2012 – Aug. 2014. Number of rides originating and ending in Capital Bikeshare stations located within Alexandria City Limits. Data does not include stations installed in September 2014.

Areas where people want improved safety/connectivity:

Areas for Pedestrian Improvements

- Landmark Mall area
- King Street Metro
- Eisenhower Ave Metro
- Arlandria
- Potomac Yards/Jefferson Davis Highway (north of Braddock Rd. metro)
- North Ridge neighborhood
- West End

Areas for Bicycling Improvements

- Duke Street
- Around King Street Metro
- King Street
- Van Dorn Street
- Around Eisenhower Ave Metro
- Holmes Run Trail connections
- Potomac Yards

and many more…..

Committee Discussion

- Are there any issues or areas that specifically resonate with you?

- Are there additional locations or issues that we need to focus on?

Public Discussion

Vice Chair Election

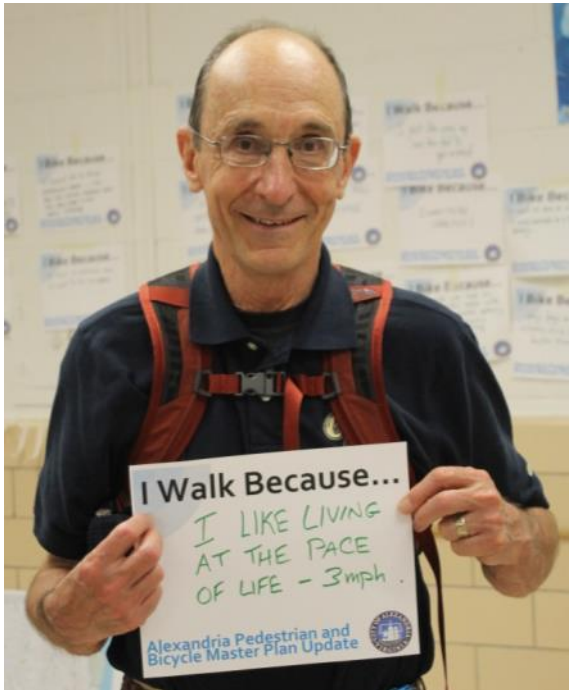
Ad Hoc Committee Next Steps

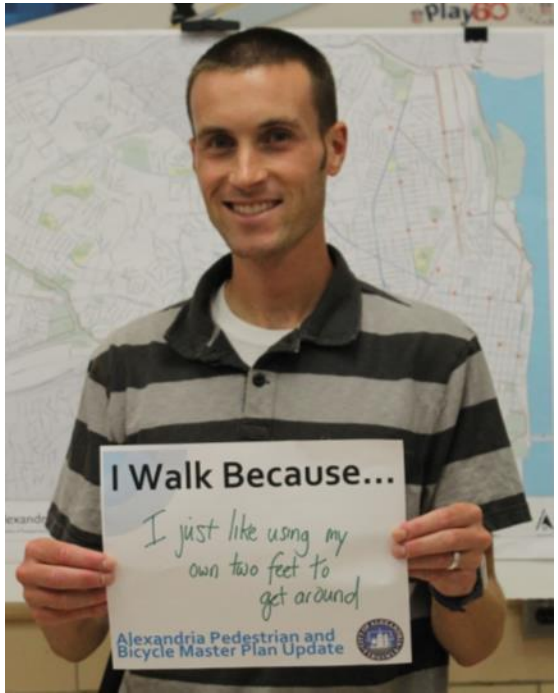
- Next meeting (Winter - date TBD)
  - Finalize Issues and Needs
  - Progress Since 2008
  - Better Block
  - Complete Streets Guidelines update

- Help promote online engagement tools:
  http://www.alexandriava.gov/PedBikePlan

Consultant Next Steps

- Finalize existing conditions
- Analyze public input
- Field work
- Policy analysis





Consultant Next Steps

- Late May 2014: **Project Launch**
- June - Sept: **Existing Conditions Analysis**
- Sept 30: **Public Meeting #1**
- Sept - Dec: **Needs Assessment**
- Jan – June 2015: **Policy Review and Network Plan**
- Spring 2015: **Public Meeting #2**
- Summer: **Draft Plan and Guidelines**
- Fall 2015: **Public Meeting #3**
- Winter 2015: **Completion**

Thank You!

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www.alexandriava.gov/PedBikePlan