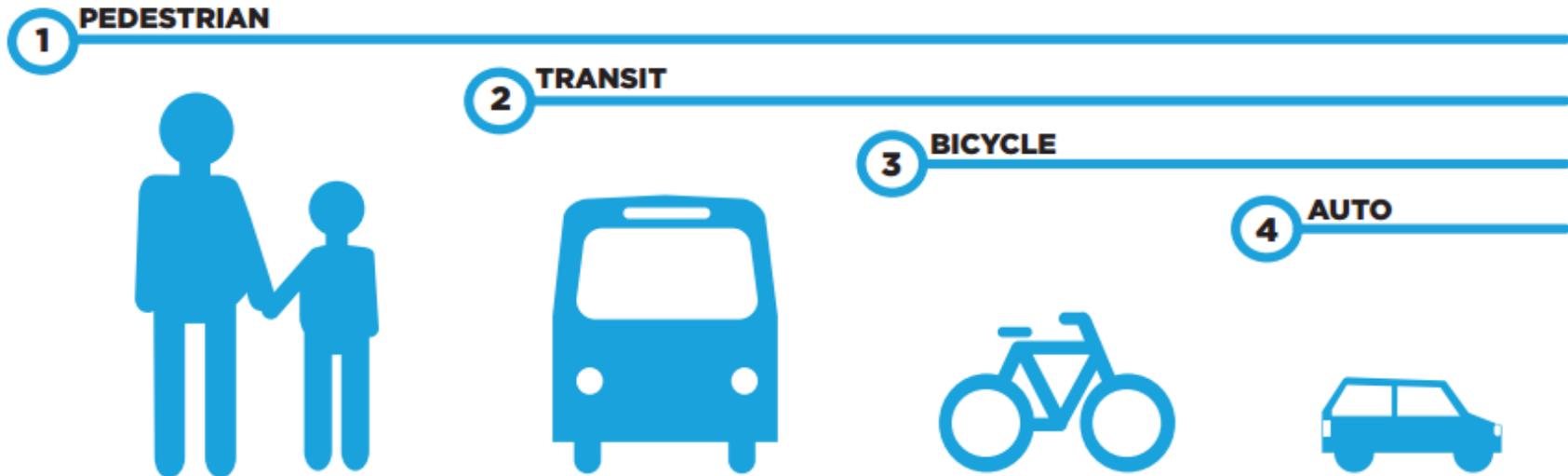


# **Monroe Avenue Complete Streets**

**Community Meeting  
May 20, 2014**

# Complete Streets

*"Streets that are designed to consider the safety and convenience of all users of the transportation system including pedestrians, bicyclists, transit users, freight, and motor vehicle drivers and ensure that the needs of all users shall be accommodated and balanced so that even the most vulnerable – children, elderly, and persons with disabilities – can travel safely within the public right-of way."*





# City Plans and Policies

- **City Council Goal #3:** A multimodal transportation network that supports sustainable land use and provides internal mobility and regional connectivity for Alexandrians
- **Complete Streets Policy:** Alexandria shall incorporate Complete Streets infrastructure into existing public streets to improve the safety and convenience of users and construct and enhance the transportation network for all users
- **Transportation Master Plan:** Implement a citywide bikeway network to serve all users and trip types, provide end-of-trip facilities, improve bicycle/transit integration, implement encouragement programs and improve safety
- **Pedestrian and Bicycle Mobility Plan**



# 2013 Infrastructure Improvements

Project	Total Quantity	Completed	Designed
Redesigned streets through resurfacing projects	8 lane miles		
New sidewalk	7,550 feet	1,300	6,250
New and upgraded crosswalks	140 crosswalks		
New pedestrian countdown signals	6 intersections		
Signal modifications for conflict free crossings	1 intersection		
Access to transit pedestrian improvements	5 bus stops		
Rapid flashing beacons for uncontrolled crossings	3 crossings		
HAWK Signal for safer pedestrian crossing	1 crossing		
15MPH Flashing School Zone signs	6 schools	1	5
Intersection redesign for pedestrian safety	3 locations		3
On street bicycle facility design	20 lane miles	12	8
Bicycle Box	1 intersection		
New bicycle parking spaces	100 spaces		



# Monroe Avenue Project Background

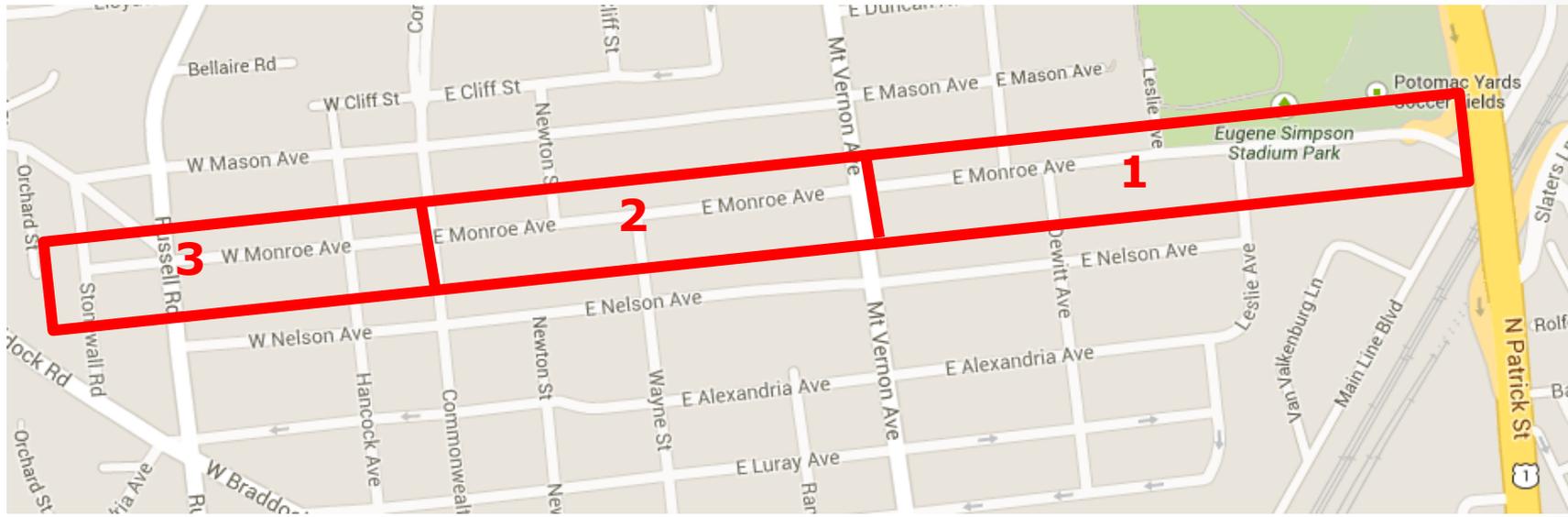
- Spring 2013 – Community requests for traffic calming on Monroe Avenue
- September 2013 - Additional data collection
- October 2013 - Community meeting
- Winter 2014 – Resurfacing Schedule
- Spring 2014 - Expanded project scope to include Complete Streets design
- May 2014 – Community Meeting



# Meeting Activities

- Presentation
- Questions and Comments
- Mark location specific comments on maps
- Comment forms
- Report back – main themes
- Next Steps

# Project Limits



- Section 1: Leslie Ave. to Mt. Vernon Ave.
- Section 2: Mt. Vernon Ave. to Russell Rd.
- Section 3: Russell Rd. to Stonewall Rd.



# Data Collection

Location	85 <sup>th</sup> percentile speed	Eastbound peak hour volume (8am)	Increase since May 2010*	Westbound peak hour volume (5pm)	Increase since May 2010*
Monroe at Dewitt	25 mph	381 vph	87% (204vph)	483 vph	197% (162vph)
Monroe at Wayne	32 mph	300 vph	---	312 vph	---

Monroe at:	Total Crashes (2009-2013)	Pedestrian	Bicycle	Vehicular
Commonwealth	4	0	0	4
Mt. Vernon	2	0	0	2
Russell	2	0	0	2
East of Wayne	1	0	0	2
Leslie	1	0	0	1

\*Data not collected at Wayne in 2010

# Pedestrian and Bicycle Mobility Plan Recommendations – Section 1



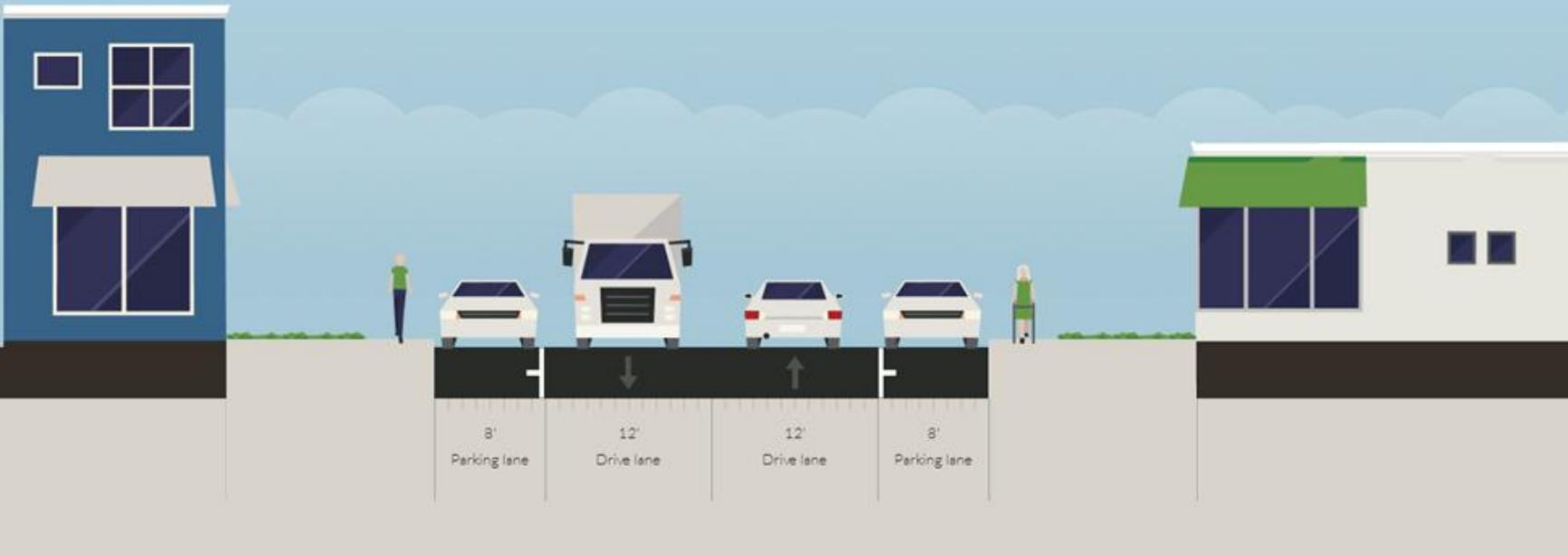
# Pedestrian and Bicycle Mobility Plan Recommendations – Sections 2 & 3



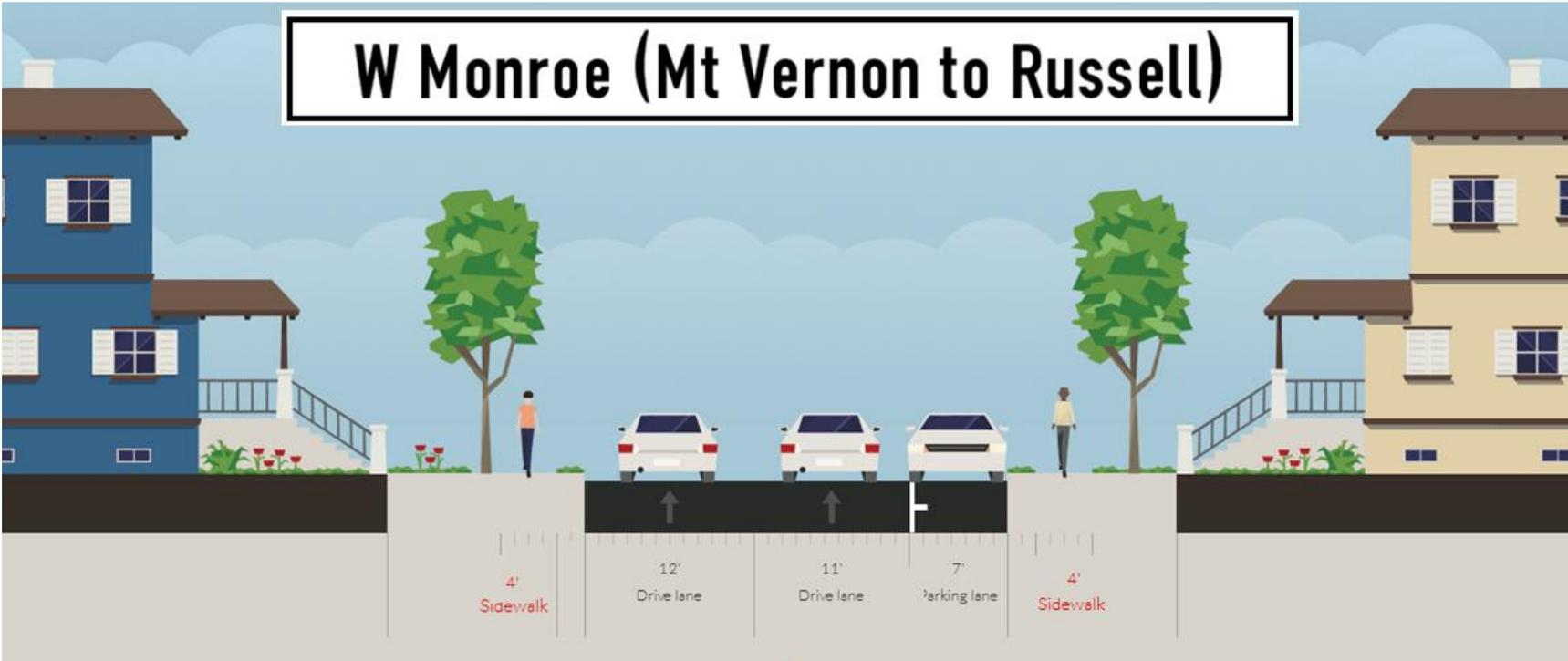
# Existing Conditions – Section 1



## E Monroe Avenue (Mt Vernon to Leslie)



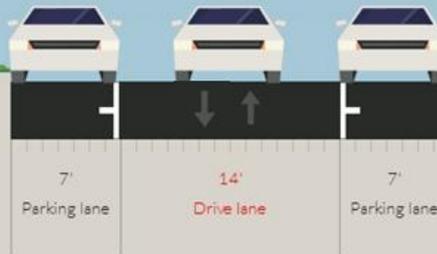
# Existing Conditions – Section 2



- Commonwealth to Hancock – 32' with no parking on the either side
- Getting cyclists from Mt. Vernon to lanes on Commonwealth

# Existing Conditions – Section 3

## W Monroe (Russell to Stonewall)



# Types of Potential Improvements

- Crosswalks
- Curb ramps
- Sidewalks
- Signage
- Bike lanes
- Shared lanes
- Speed boards



# Considerations

- Accessibility
- Safety
- Parking
- Accommodating pedestrians, transit, bicyclists, and motorists
- Roadway width
- Existing and future development
- Cost





# Thank you!

## Questions and Comments

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