



Pedestrian and Bicycle Master Plan Update

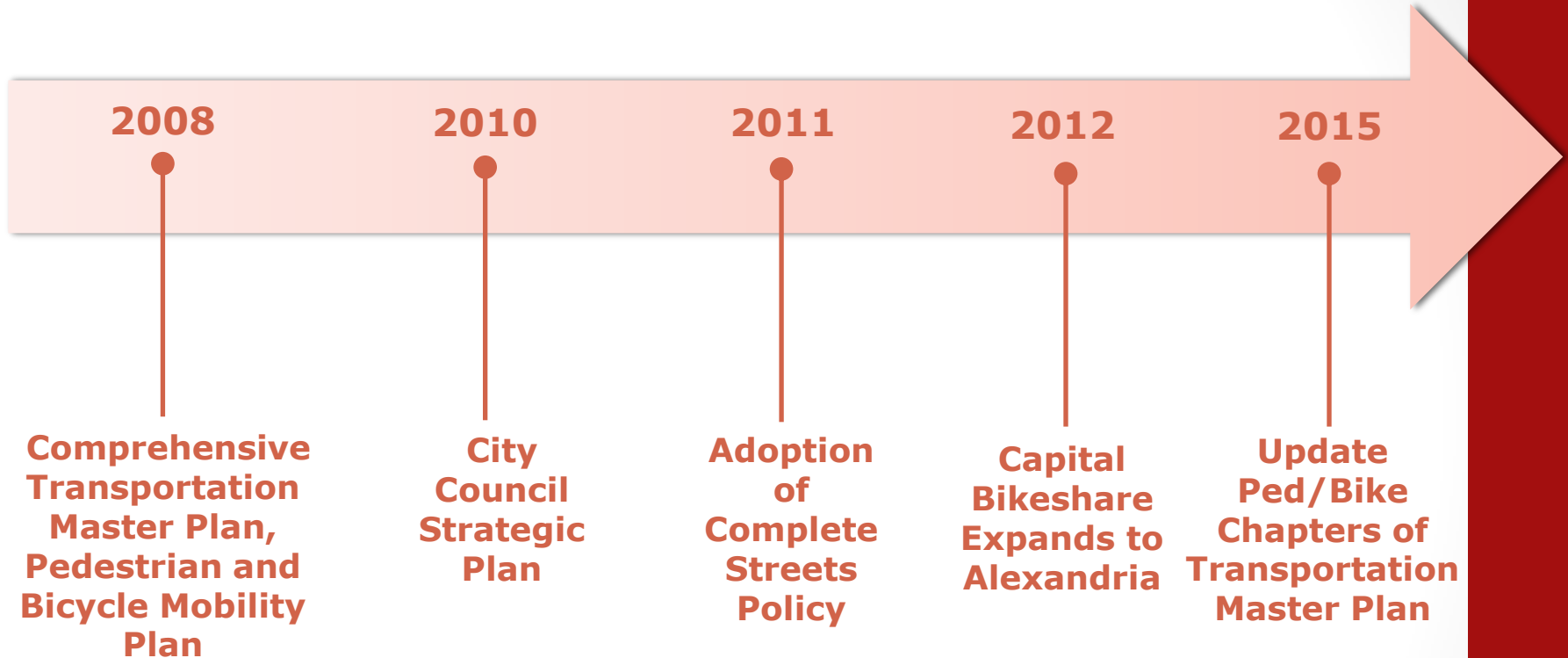
City Council

November 10, 2015

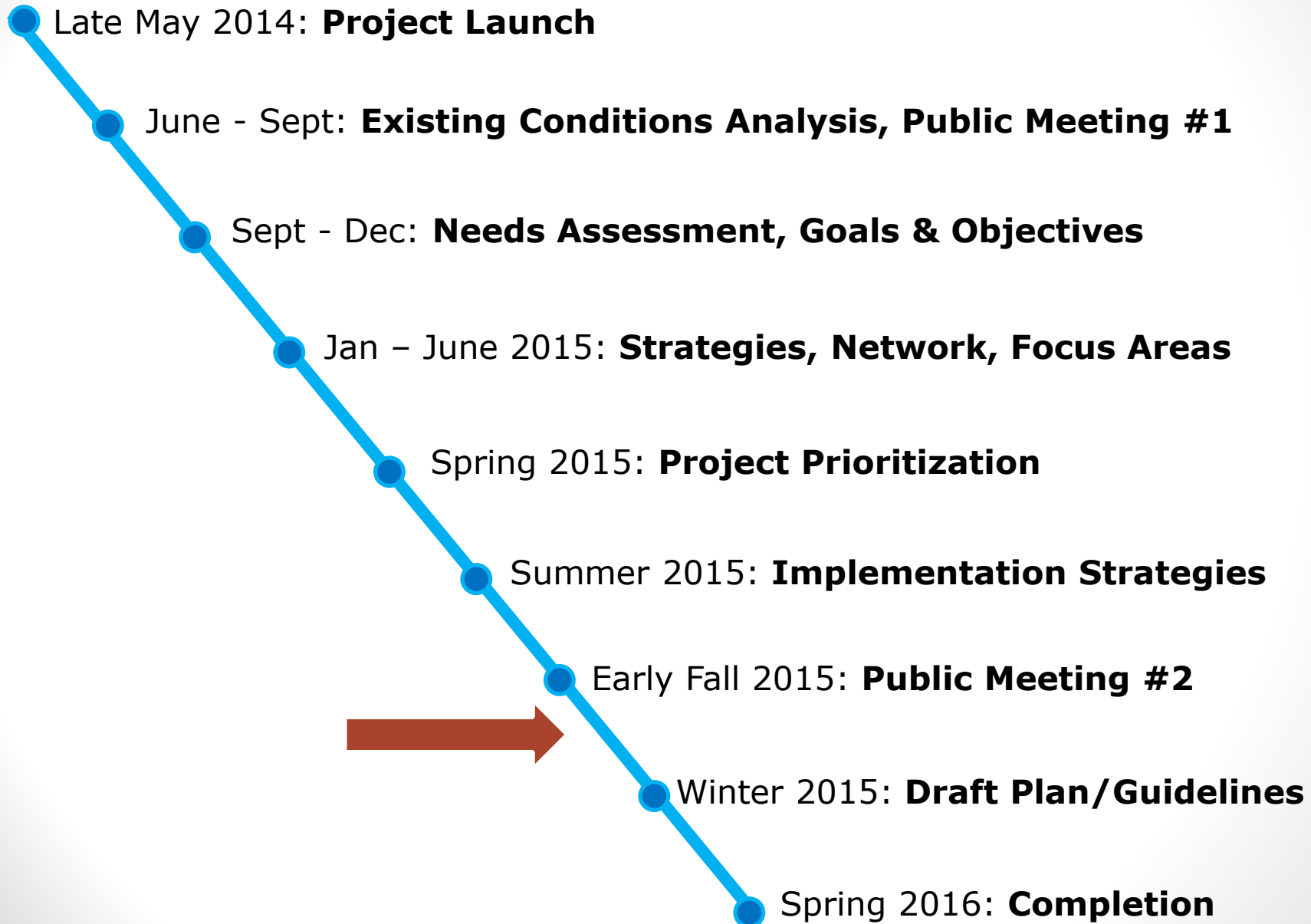
Primary Project Objectives

- Update Pedestrian and Bicycle Chapters of Transportation Master Plan
 - Improve safety for pedestrians and bicyclists
 - Provides priorities and focus
 - Similar to Transit Chapter of Transportation Master Plan
 - After plan adoption, second phase of detailed design and analysis, and public outreach to occur with projects
- Develop Complete Streets Design Guidelines
 - Design guidance for staff, developers, and community

Project Background



Project Schedule



Civic Engagement

- Community Events
- Public Meetings
- Council and Commission Meetings
- Ad Hoc Advisory Committee (8 meetings)
- Technical Advisory Committee
- Over 800 comments through online interactive map, survey and project website
- Views Varied



What We've Heard and Response

Key themes:

- Improve maintenance
- Compliance with existing laws
- More education and outreach
- Reduce conflicts between pedestrians and bicyclists
- Need for protected bike facilities
- Provide Complete Streets while balancing needs for all users, including concerns about loss of parking

Example Goals/strategies respond to key themes:

- Safety, engineering, encouragement, education goals
- Reduce fatalities through Vision Zero program
- Close sidewalk gaps, expand bike network, consider all users when planning, and perform project specific design/outreach
- Citywide promotion and education on safety, rights, and responsibilities

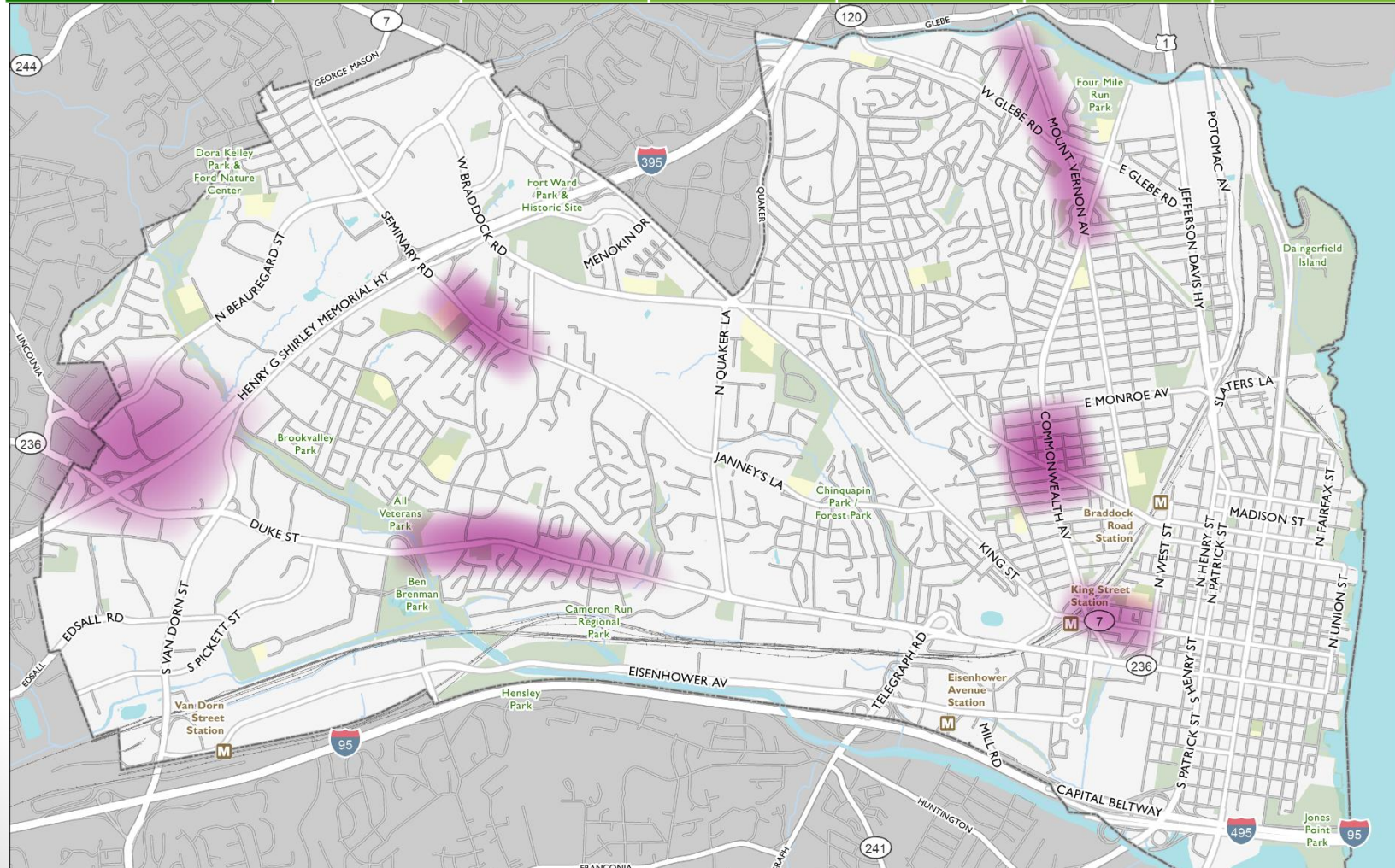
Vision Zero

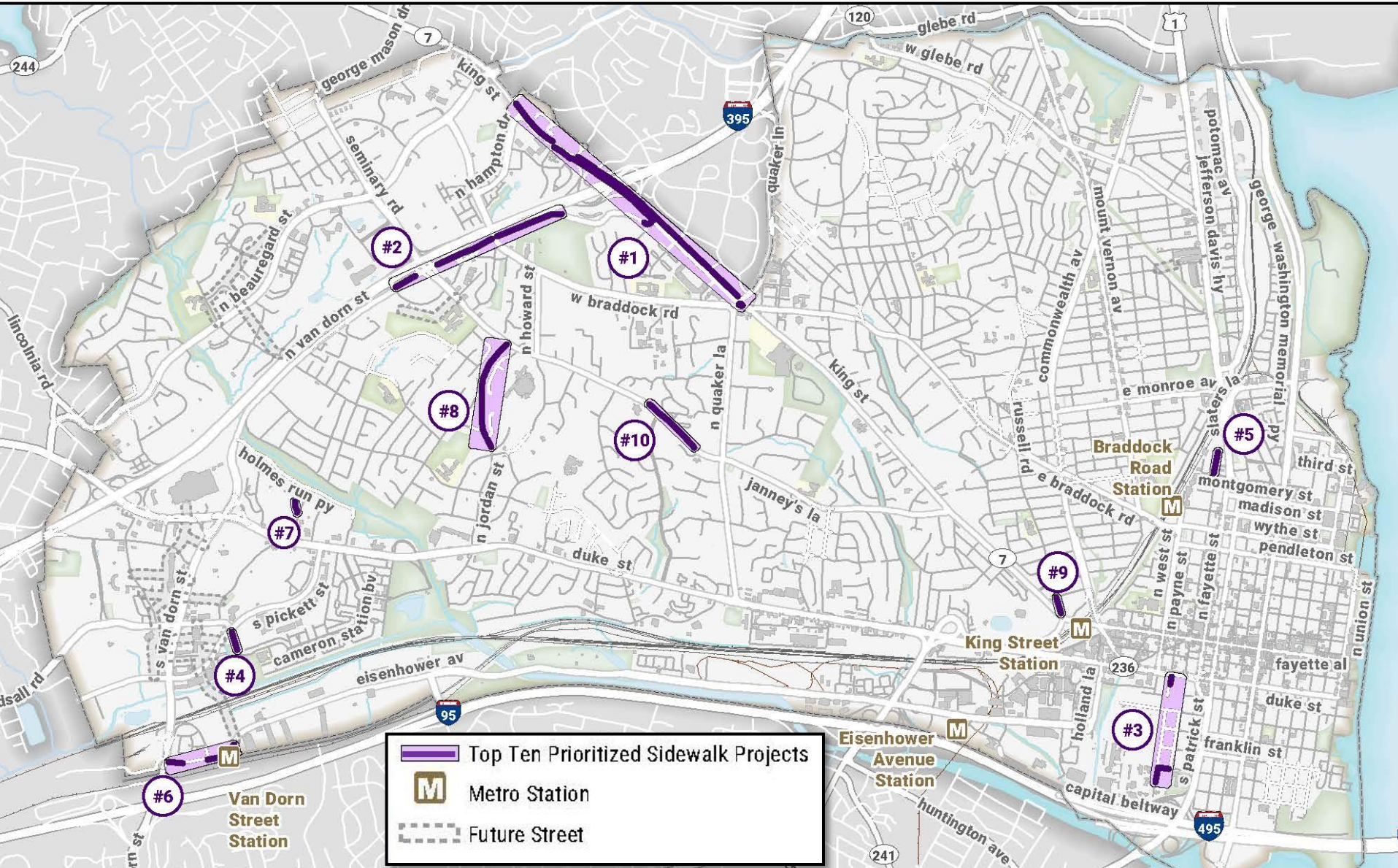
- New approach to the way we think about safety on our streets
- Origin: 1997 policy in Sweden
- Goal = **zero deaths/serious injuries** by a given date
- 3 main differences from previous approaches:
 1. All traffic fatalities are preventable
 2. Interagency collaboration
 3. Data-based approach



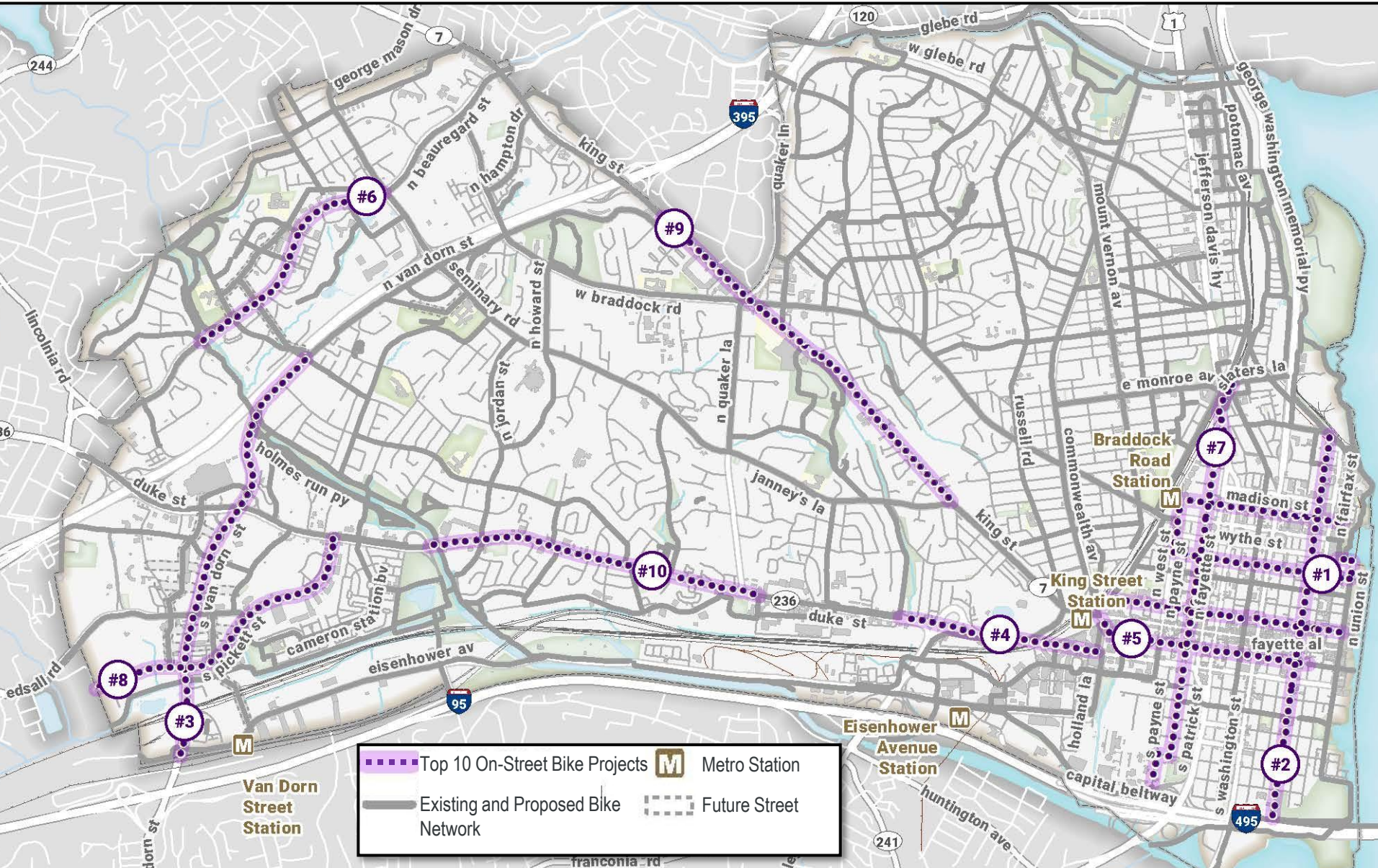
Pedestrian Case Study Areas

CASE STUDIES:	I-395 and Landmark Mall	Hammond Middle School Area	Duke Street Corridor	Commonwealth and Braddock	Mount Vernon Ave/ Four Mile Run	King Street Station
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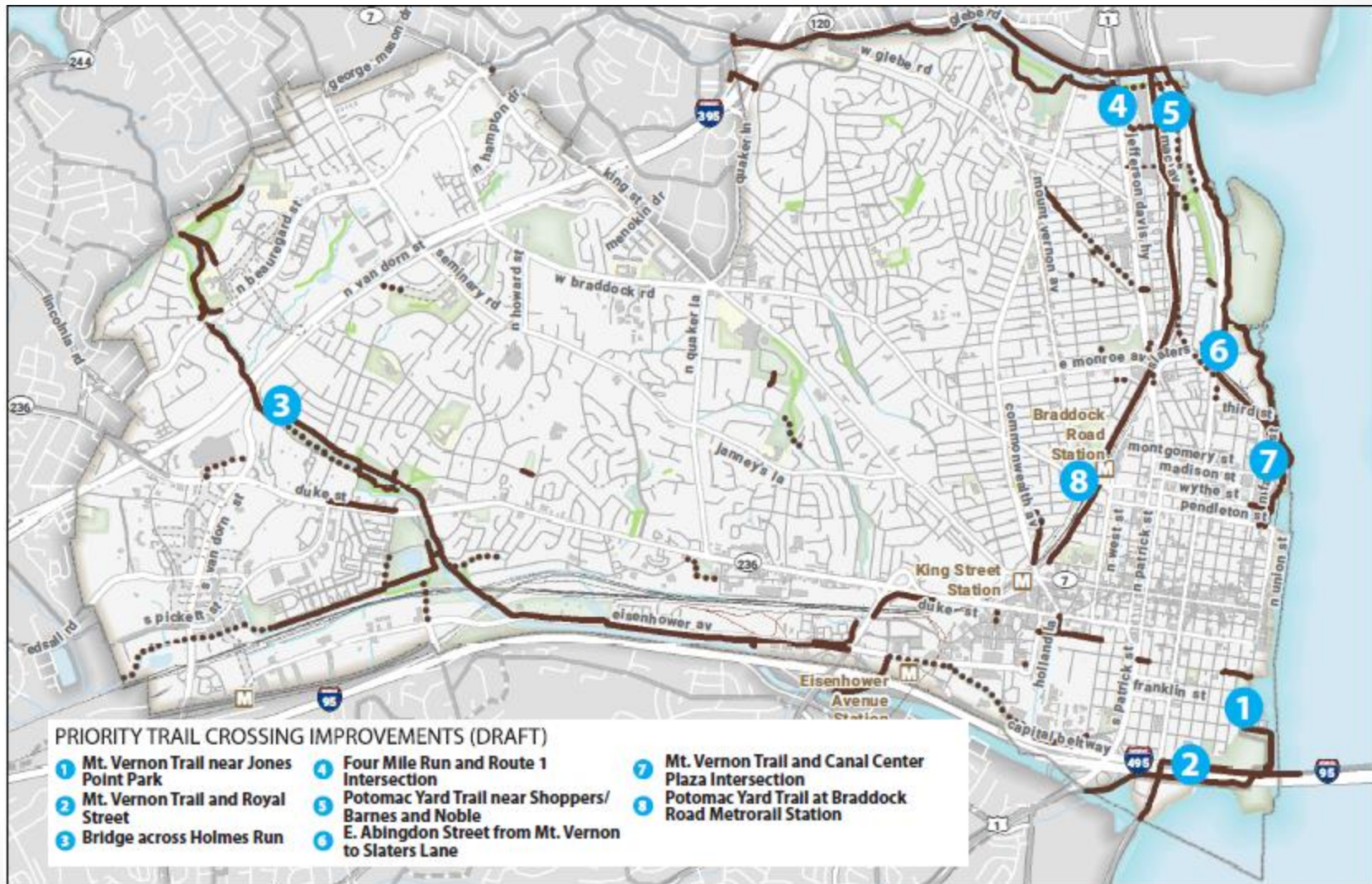




Draft Bicycle Network Prioritization



Draft Trail Transition Improvements



Capital Bikeshare



- 16 new stations will be added by Summer 2016

Next Steps

- **FALL 2015:** Continued public outreach
- **WINTER 2016:** Public release of draft plan
- **SPRING 2016:** City Council approval of amendment to Transportation Master Plan

Resource Slides

The Bicycle Network

Bicycle Facility Groups

- Enhanced Bicycle Corridor
- Shared Roadway
- Trails

Specific designs will be determined case-by-case for future projects.

Enhanced Bicycle Corridor



↑ **Standard Bicycle Lane** ↓



Painted Bike Lanes



Advisory Bike Lane

Enhanced Bicycle Corridor



**2-way Separated
Bicycle Lane**



**1-way Separated
Bicycle Lane**



Buffered Bike Lanes



Sidepath

Shared Roadway



Shared Roadway



**Signed Route on
Shared Roadway**



**Shared Lane
Markings**



Priority Shared Lane Markings



Neighborhood Bikeway

Trails



