

# **Item 9: (DRAFT) Briefing on the Draft Update of the Bicycle and Pedestrian Plan for the National Capital Region**

Michael Farrell  
DTP

Presentation to the  
National Capital Regional Transportation Planning Board

January 21<sup>st</sup>, 2015

# Background

- Update to the 2010 Plan
  - Updates Every Four Years
- Advisory to the CLRP
  - Not financially constrained
- Identifies:
  - Planned major bicycle and pedestrian projects through 2040
  - “Recommended Practices”
  - Goals and Performance Measures
    - From the TPB *Vision* and from *Region Forward*
  - Trends in policy, mode share, & safety

Bicycle and Pedestrian Plan for the  
National Capital Region



DRAFT January 14, 2015

National Capital Region Transportation Planning Board

# Plan Development

- Oversight
  - Bicycle and Pedestrian Subcommittee of the TPB Technical Committee
- Project listings
  - Submitted by state and local jurisdictional staffs
  - On-line database
  - As of (roughly) June - October 2014
- Criteria for including projects:
  - Of a size and scope to be regionally significant
    - Regional connectivity
    - Access to transit, pedestrian safety

1/21/2015      Inclusion in jurisdictional/agency plans

# 2014 Plan Outline

- Chapter 1: Planning context of federal, state, and local bicycle/pedestrian policies and plans
- Chapter 2: Demographic and geographic overview of bicycling and walking in the region
- Chapter 3: Pedestrian and Bicyclist Safety
- Chapter 4: Overview of existing facilities
- Chapter 5: Goals and Indicators
- Chapter 6: Recommended Practices
- Chapter 7: The 2040 Network

**New Since 2010:**

# **Bigger Plans**

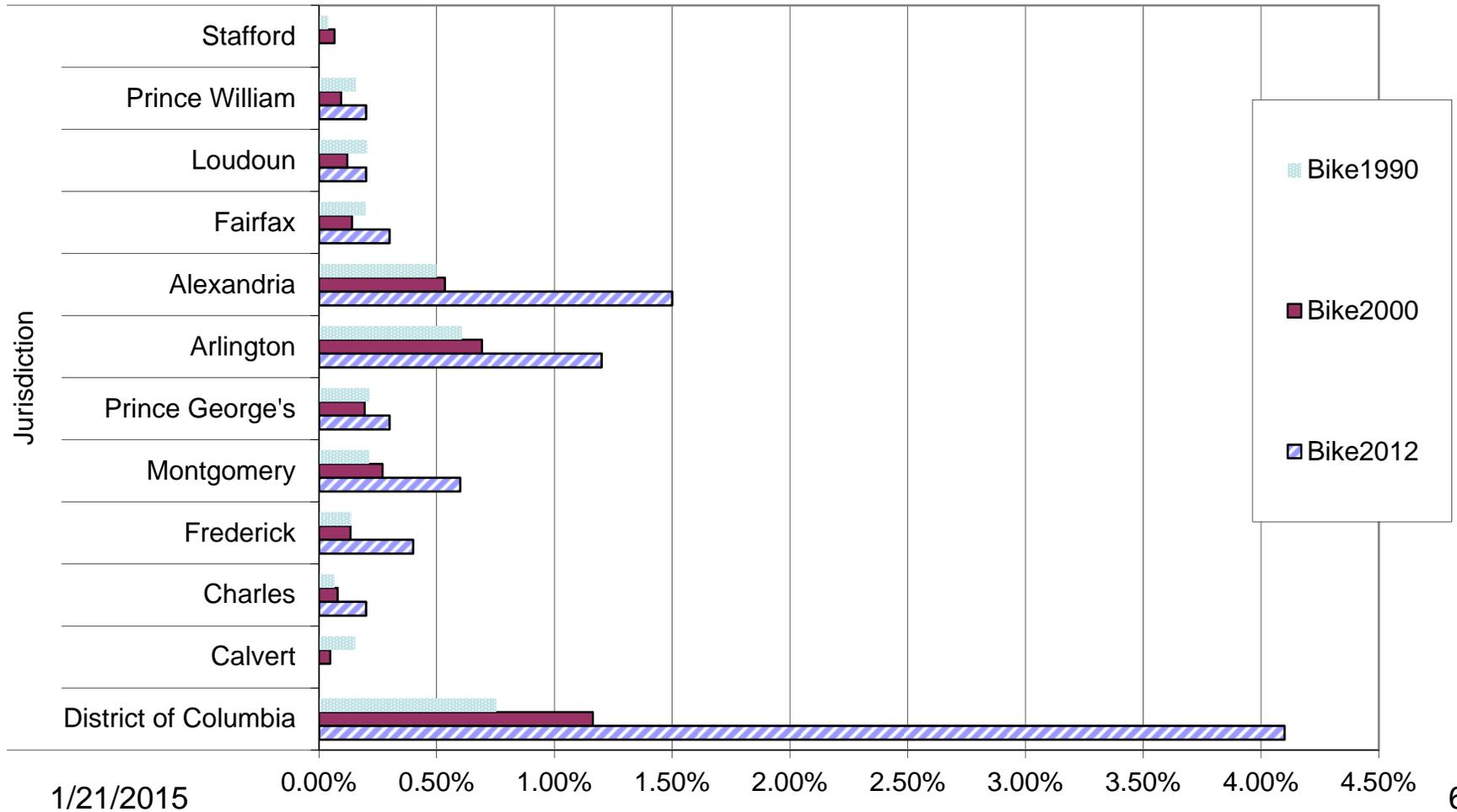
(Chapter 1)

- Regional Transportation Priorities Plan
- MAP-21
  - Transportation Alternatives Program
- TIP
  - B/P funding increased from 1% of total in FY 2010-2015 to 2% of total in FY 2015-2020
- Access to Metrorail
  - Metrorail Expansion
- Complete Streets
  - Regional Policy
  - State and Local Policies

# More Bicycling

(Chapter 2)

Chart 2-15: US Census - Percentage of Workers Biking to Work



# Better Metrorail Access

Table 2-8: Mode of Access to Metrorail - % of Daily Total	2012	2007	AM Peak - 2012	AM Peak - 2007
Bus	15.3	15.6	21.9	22.2
Auto Driver	12.6	13.7	25.6	29.3
Auto Passenger (drop off)	4.5	5.5	7.8	9.3
Rode with someone who Parked	0.5	0.6	0.9	1
Bike	<b>0.7</b>	<b>0.5</b>	<b>1.0</b>	<b>0.7</b>
Walk	<b>62.2</b>	<b>62.1</b>	<b>37.3</b>	<b>33.3</b>
Commuter Rail	1.5	1.7	3.5	3.8
Shuttle	2.5	n/a	2.0	n/a
Taxi	0.2	0.2	0.1	0.2

MEDICAL CENTER BEFORE AND AFTER, REPLACING OLD RACKS



VIENNA STATION BEFORE AND AFTER, NEW ACCESS POINT

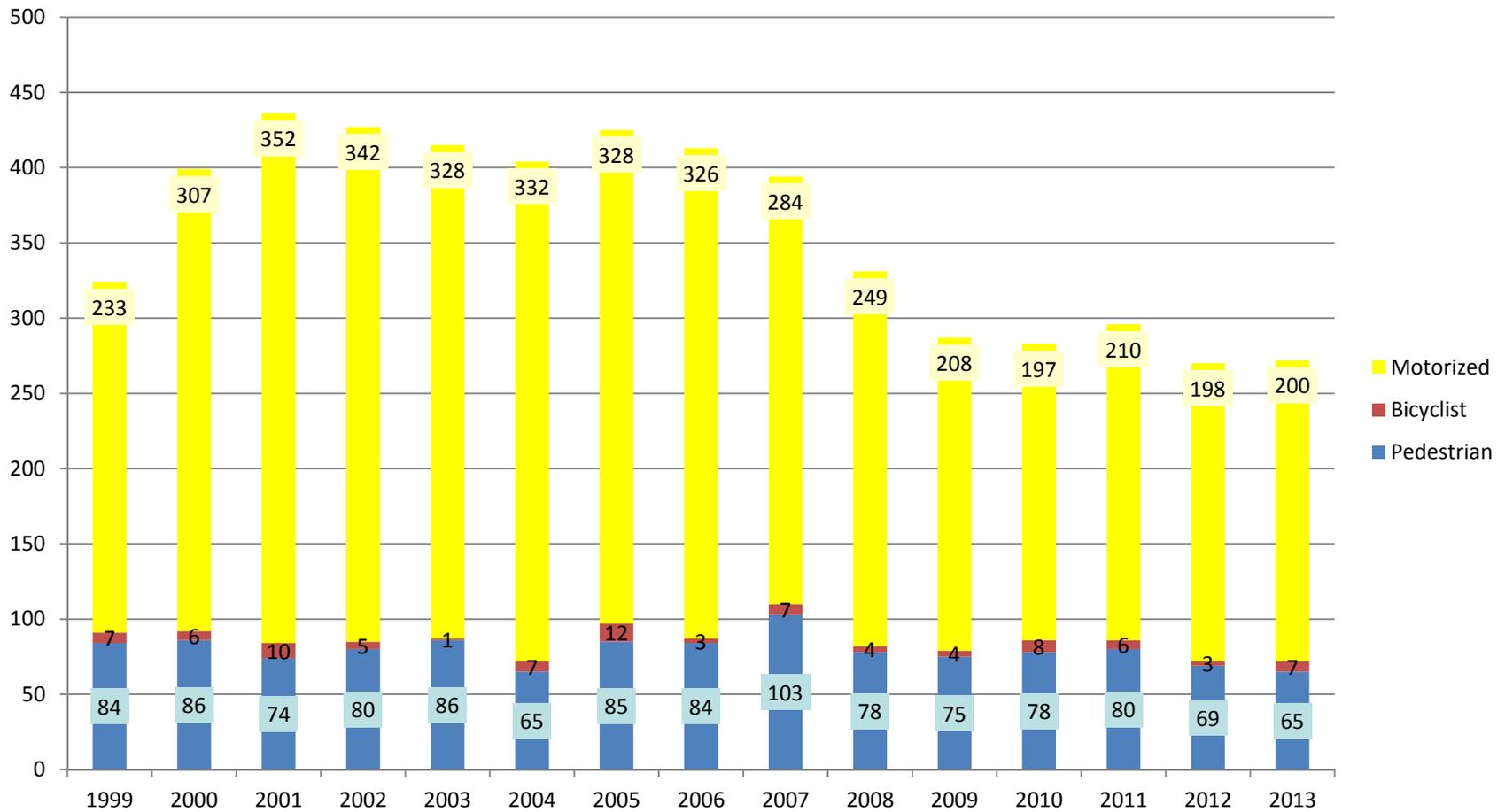


FRANCONIA – SPRINGFIELD BEFORE AND AFTER, NEW SIDEWALK TO IMPROVE SAFETY

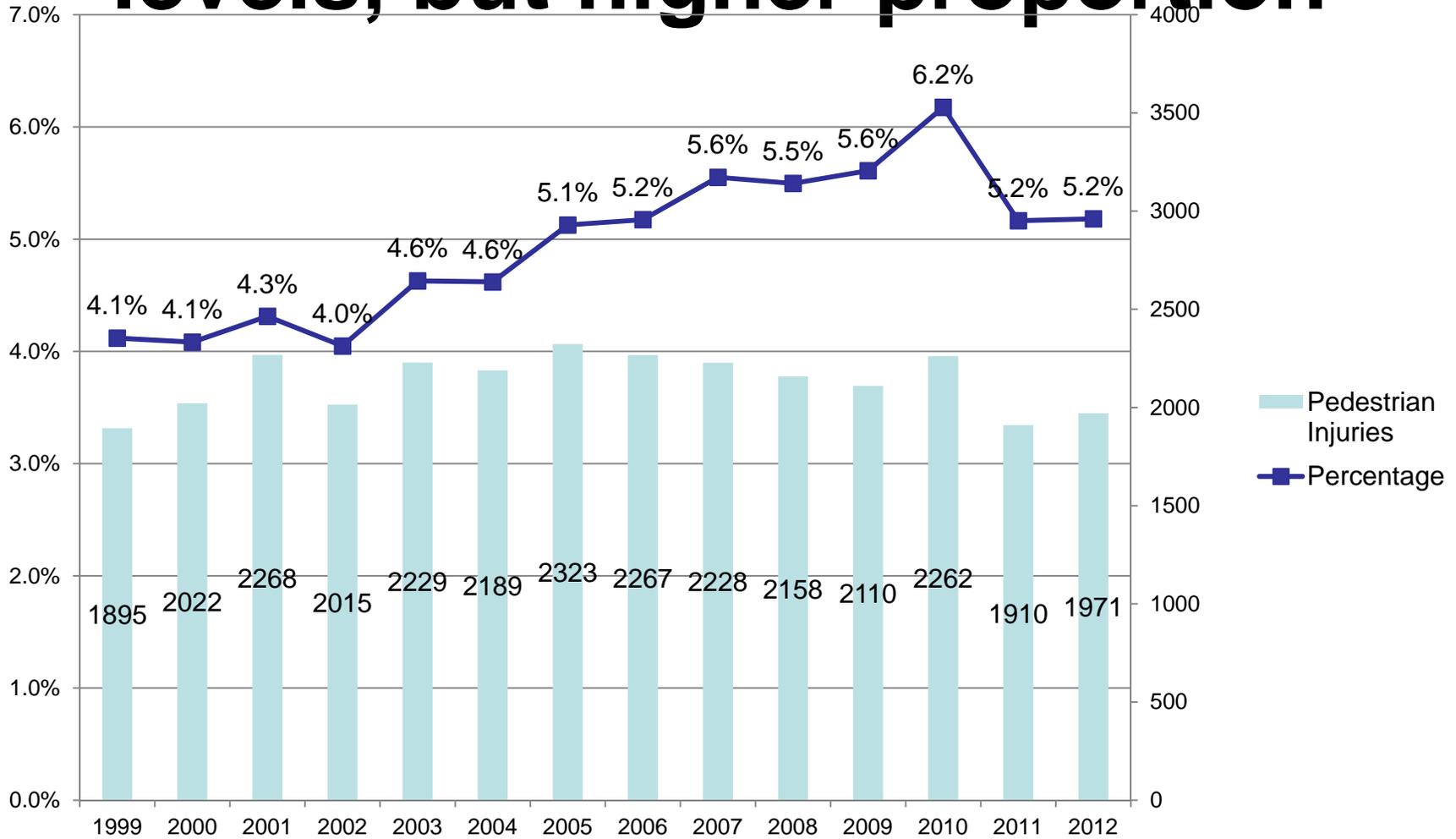


# Safety: Fewer Fatalities

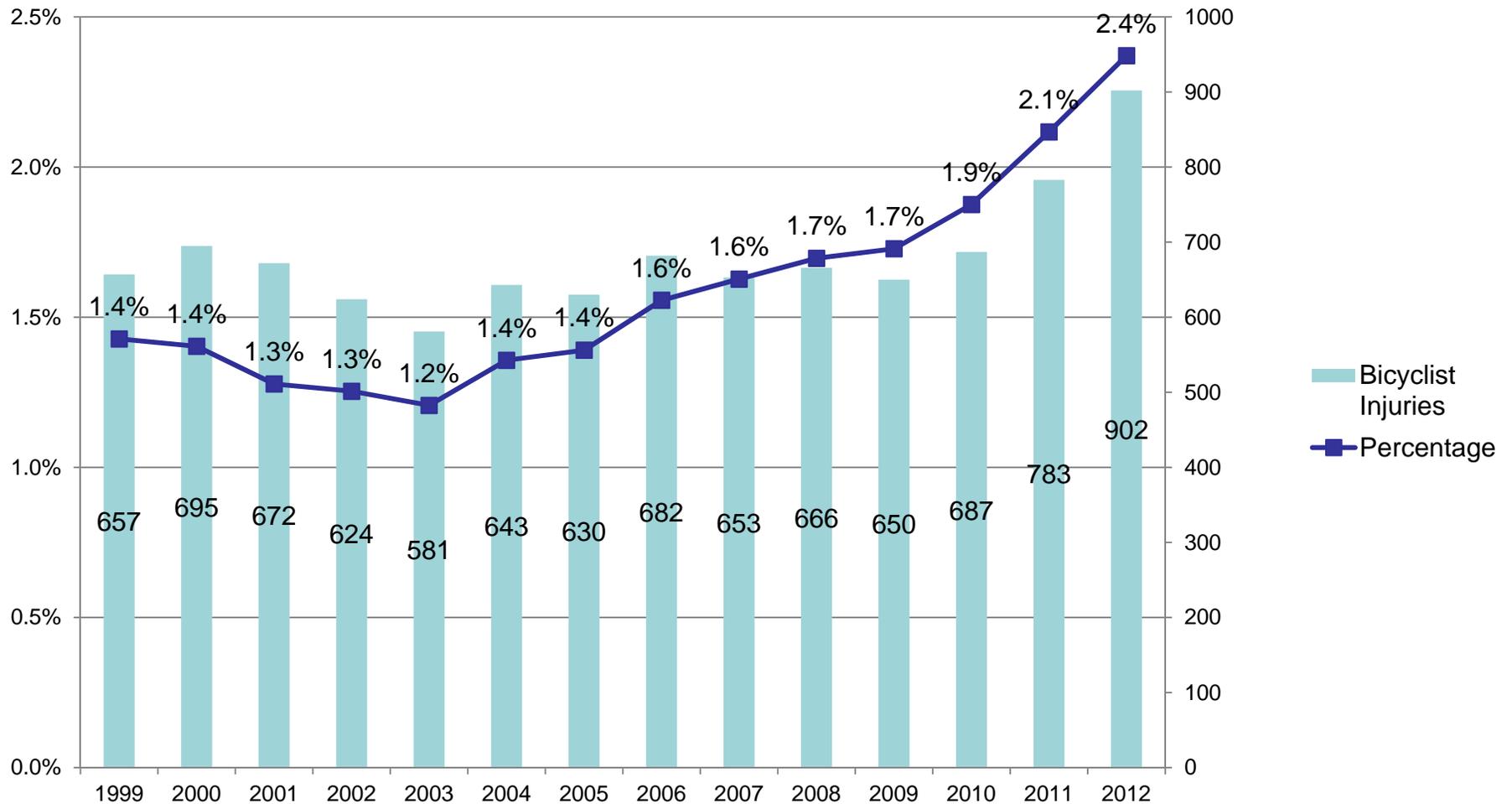
## (Chapter 3)



# Pedestrian Injuries: Same levels, but higher proportion



# Bicyclist Injuries: Higher numbers but lower rates



# New Bike Facility Types

(Chapter 4)

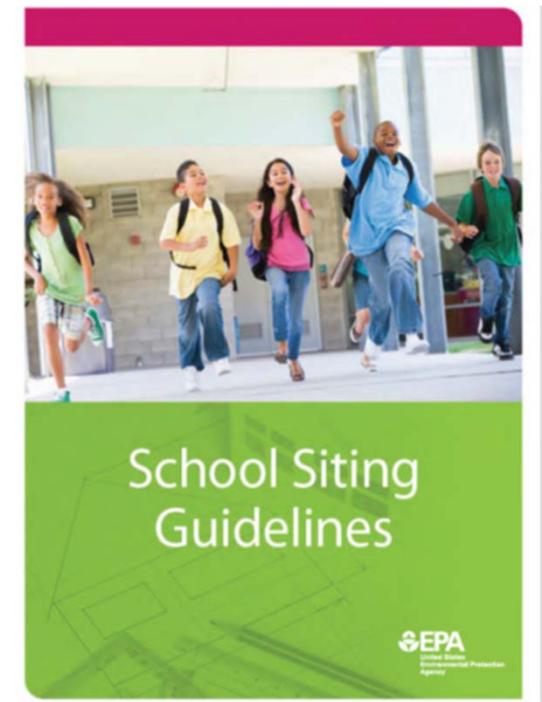
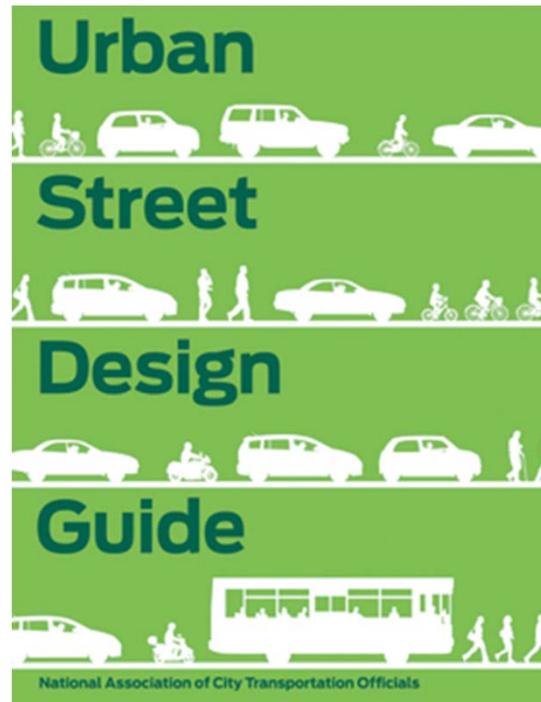
- Protected Bike Lanes
  - Physical buffer
  - Attract users of all ages and abilities
- Green Bike Lanes
- Buffered Bike Lanes
- Bike Corrals
- Metrorail Bike & Ride Facilities



# New Recommended Practices

(Chapter 6)

- NACTO [Urban Street Design Guide](#) and [Urban Bikeway Design Guide](#)
- EPA School Siting Guidelines
- ITDP Bike Share Planning Guide

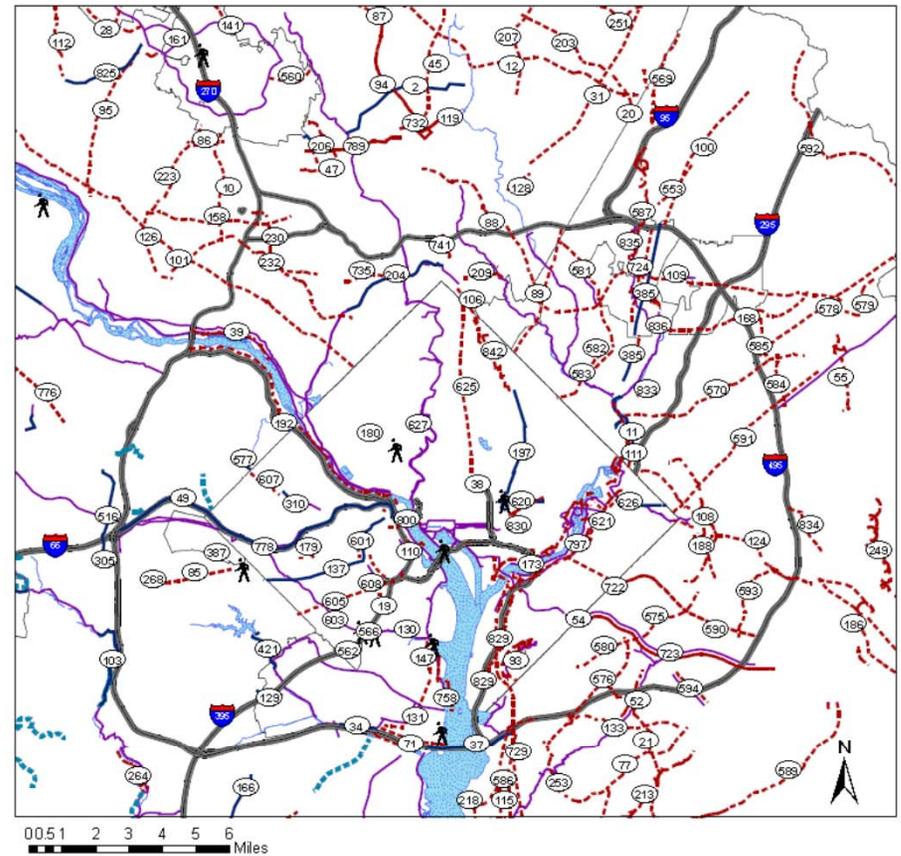
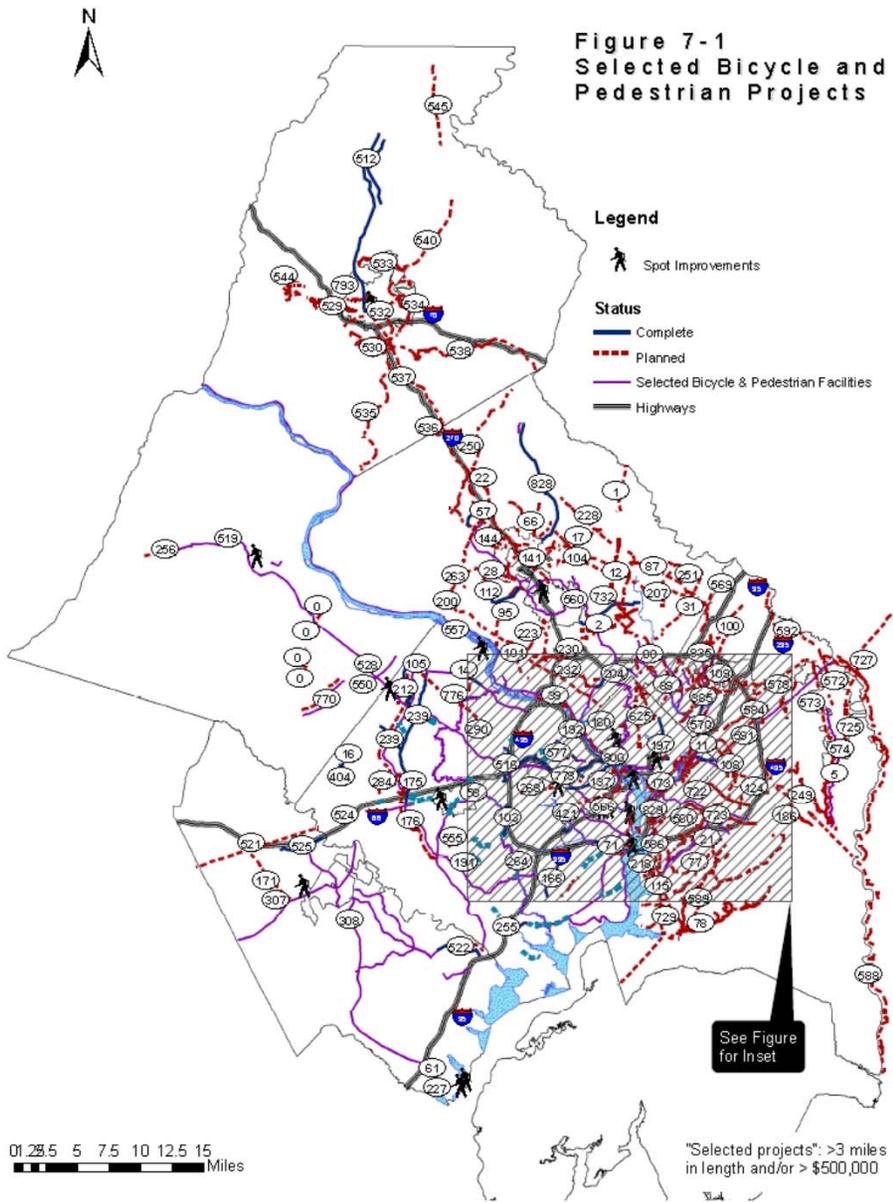


# More Planned Facilities

(Chapter 7)

<b>Table 7-1: Miles of Bicycle/Pedestrian Facilities in the Washington Region</b>					
Facility Type	Total in 2005	Completed 2006- 2010	Completed May June 2010 May 2014	Planned New Facilities/ Upgrades	Total in 2040
Bicycle Lane	56	35	45	792	928
Shared-Use Path	490	53	52	800	1393
<b>Total</b>	<b>546</b>	<b>88</b>	<b>97</b>	<b>1592</b>	<b>2323</b>

- Roughly \$3 billion in new facilities proposed  
= Approximately 3% of anticipated regional  
transportation funding based on FY 2015-20 TIP
- Planned facility mileage is 600 miles longer than in  
the 2010 plan



**Figure 7-2  
Selected Bicycle and Pedestrian Projects**



"Selected projects": >3 miles in length and/or > \$500,000

# Some projects built since 2010



1/21/2015



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# Follow-On Actions

- On-Line Mapping and Visualization
  - Maps linked to project database
  - Other information can be added
  - More accessible to the public
- Database Updates
  - Every 2 years
- Plan Updates
  - Every 4 years