

Item 6: Briefing on the Draft Update of the Bicycle and Pedestrian Plan for the National Capital Region

Michael Farrell
TPB Staff

Presentation to the
Bicycle and Pedestrian Subcommittee
November 18, 2014

11/18/2014

1

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 November 7, 2014

National Capital Region Transportation Planning Board

11/18/2014

2

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

11/18/2014 Inclusion in jurisdictional/agency plans

3

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

11/18/2014

4

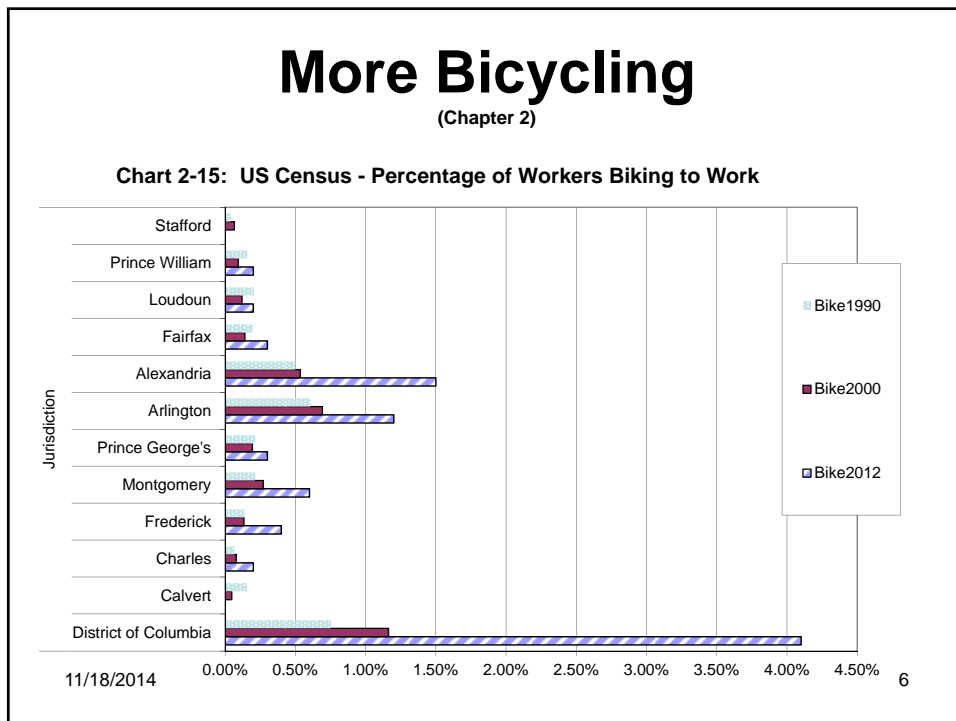
New Since 2010:

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

11/18/2014 5



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	0.7	0.5	1.0	0.7
Walk	62.2	62.1	37.3	33.3
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

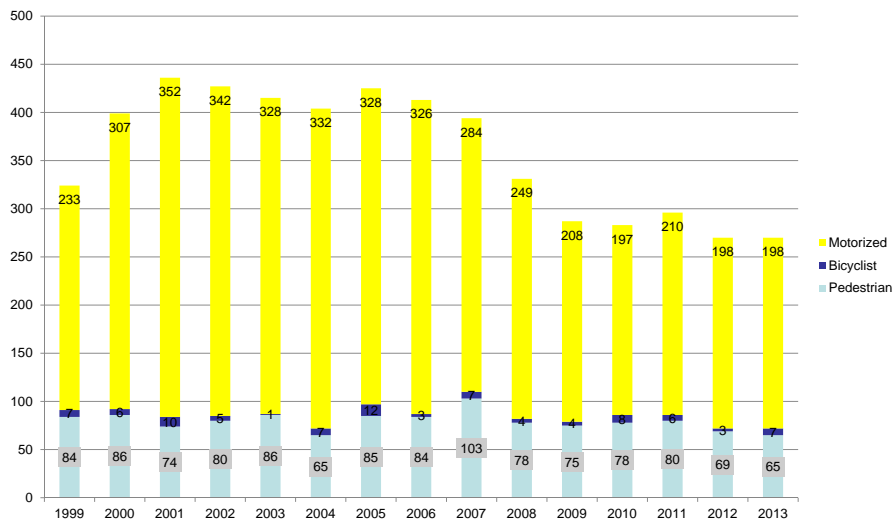


11/18/2014

7

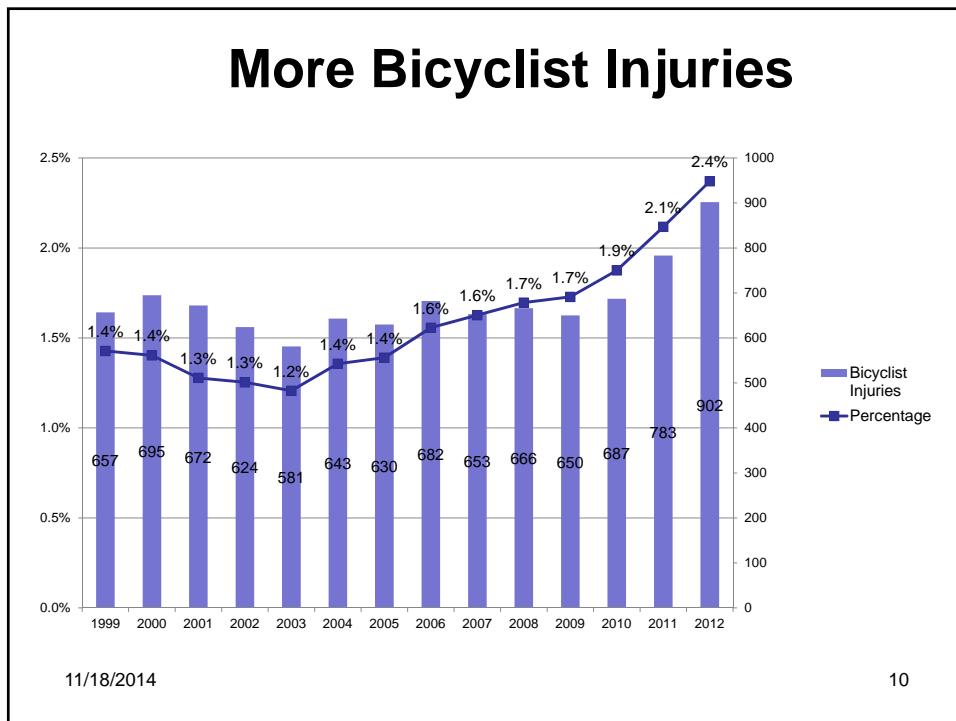
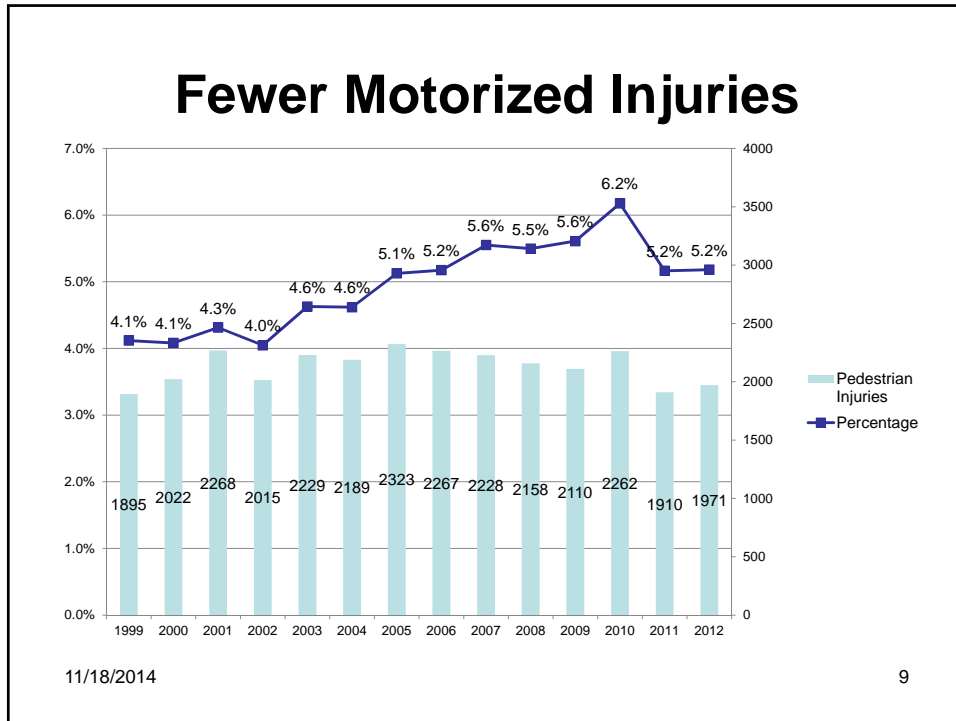
Fewer Motorized Fatalities

(Chapter 3)



11/18/2014

8



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



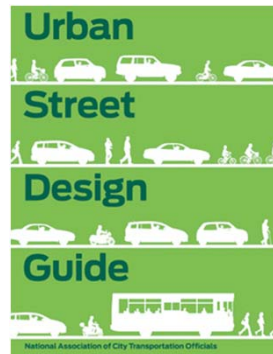
11/18/2014

11

New Recommended Practices

(Chapter 6)

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



11/18/2014

12

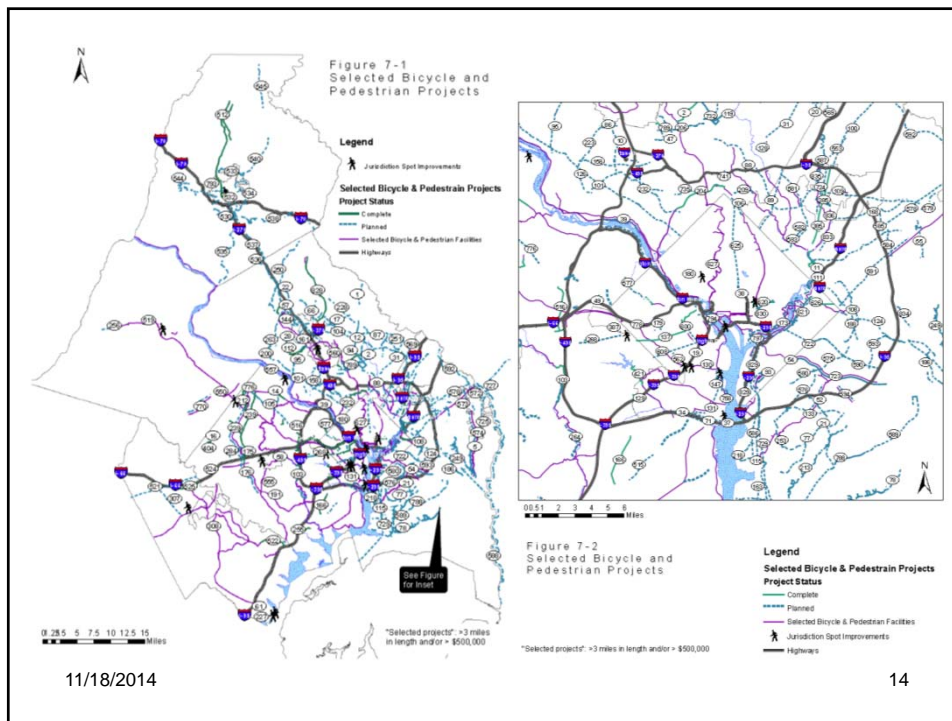
More Planned Facilities (Chapter 7)

Table 7-1: Miles of Bicycle/Pedestrian Facilities in the Washington Region					
Facility Type	Total in 2005	Completed 2006-2010	Completed June 2010 – May 2014	Planned New Facilities/Upgrades	Total in 2040
Bicycle Lane	56	35	45	2090	2226
Shared-Use Path	490	53	50	1990	2583
Total	546	88	95	4080	4809

- Roughly \$6 billion in new facilities proposed
= Approximately 6% of anticipated regional transportation funding based on FY 2015-20 TIP
- Planned facility mileage is nearly four times what was in the 2010 plan

11/18/2014

13

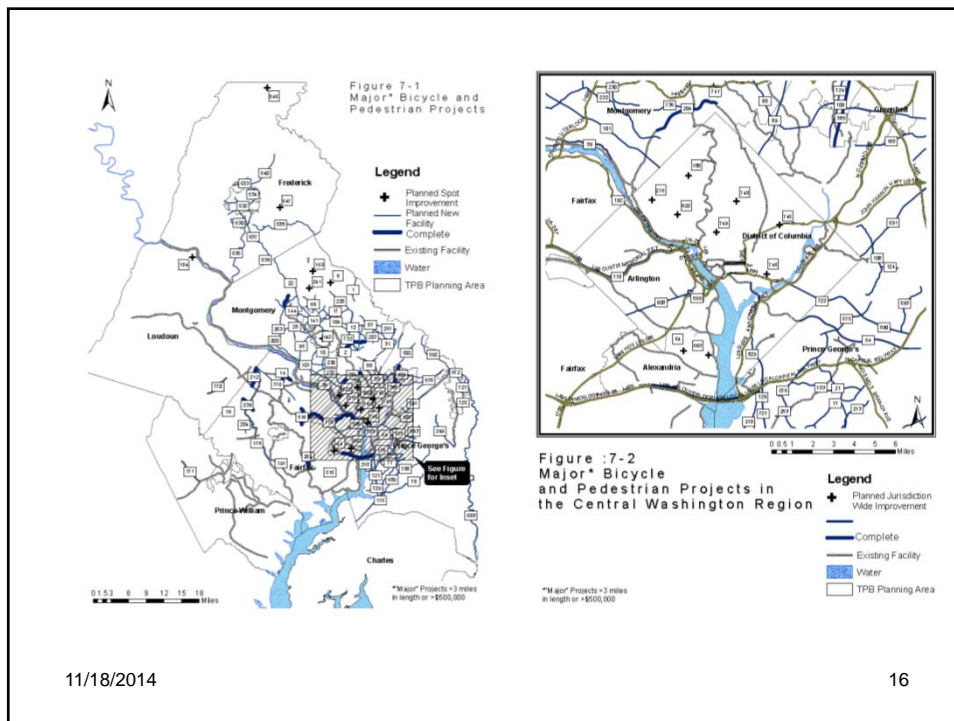


Follow-On Actions

- 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

11/18/2014

15



11/18/2014

16

Some projects built since 2010



11/18/2014



17