



County of Fairfax, Virginia

Existing Transportation Conditions

Seven Corners

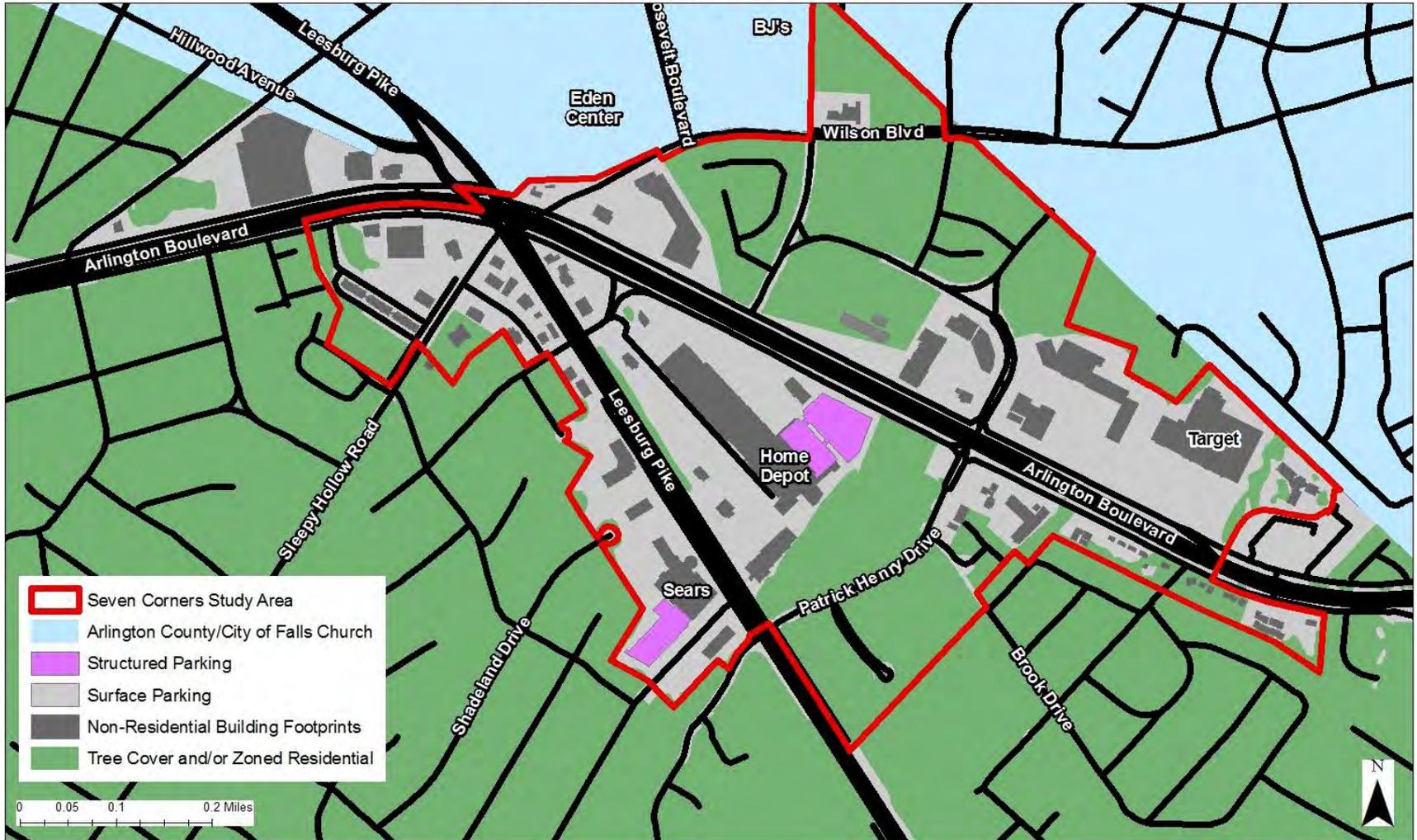
Presented to: Seven Corners Task Force

Presented by: Fairfax County DOT

December 12, 2012

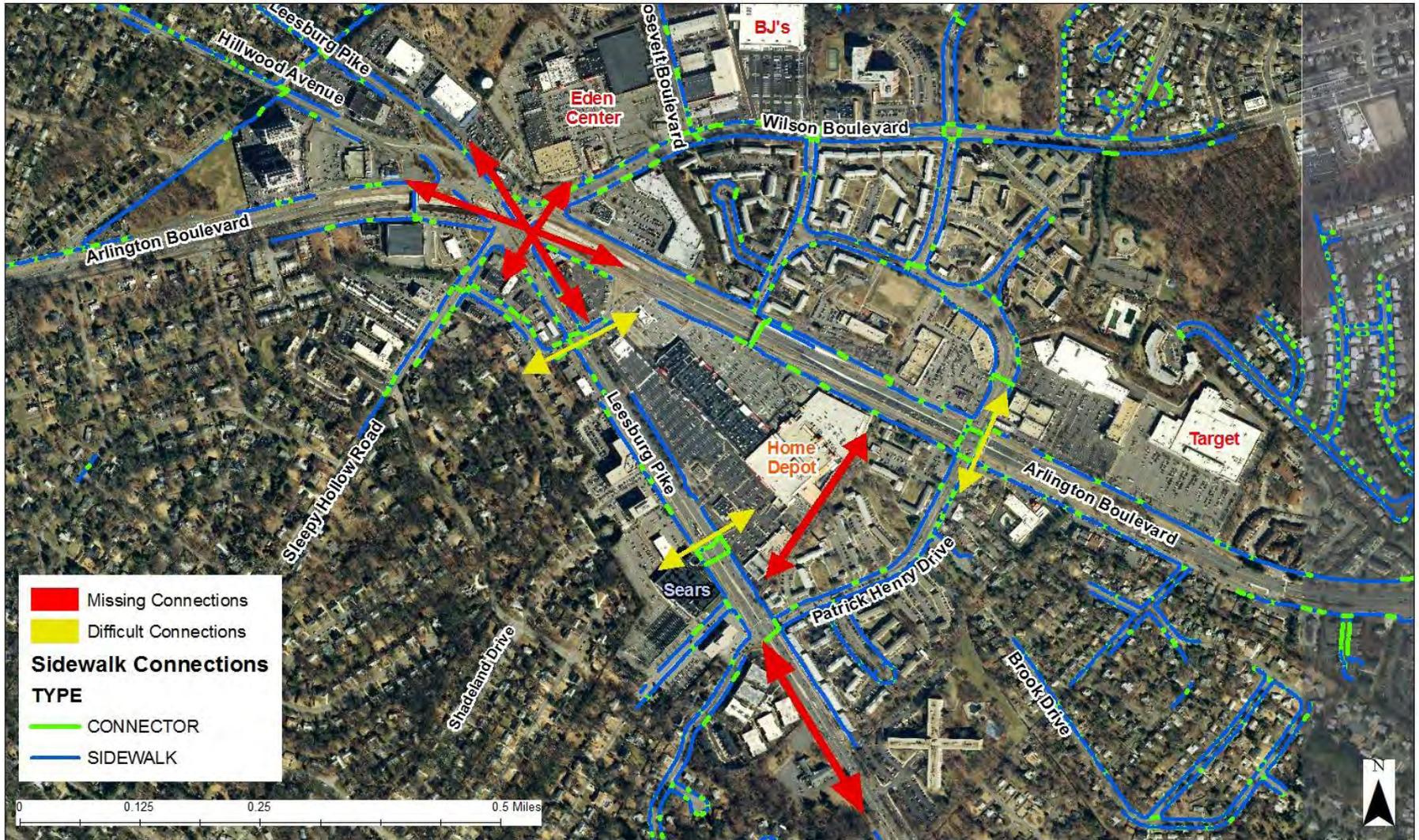


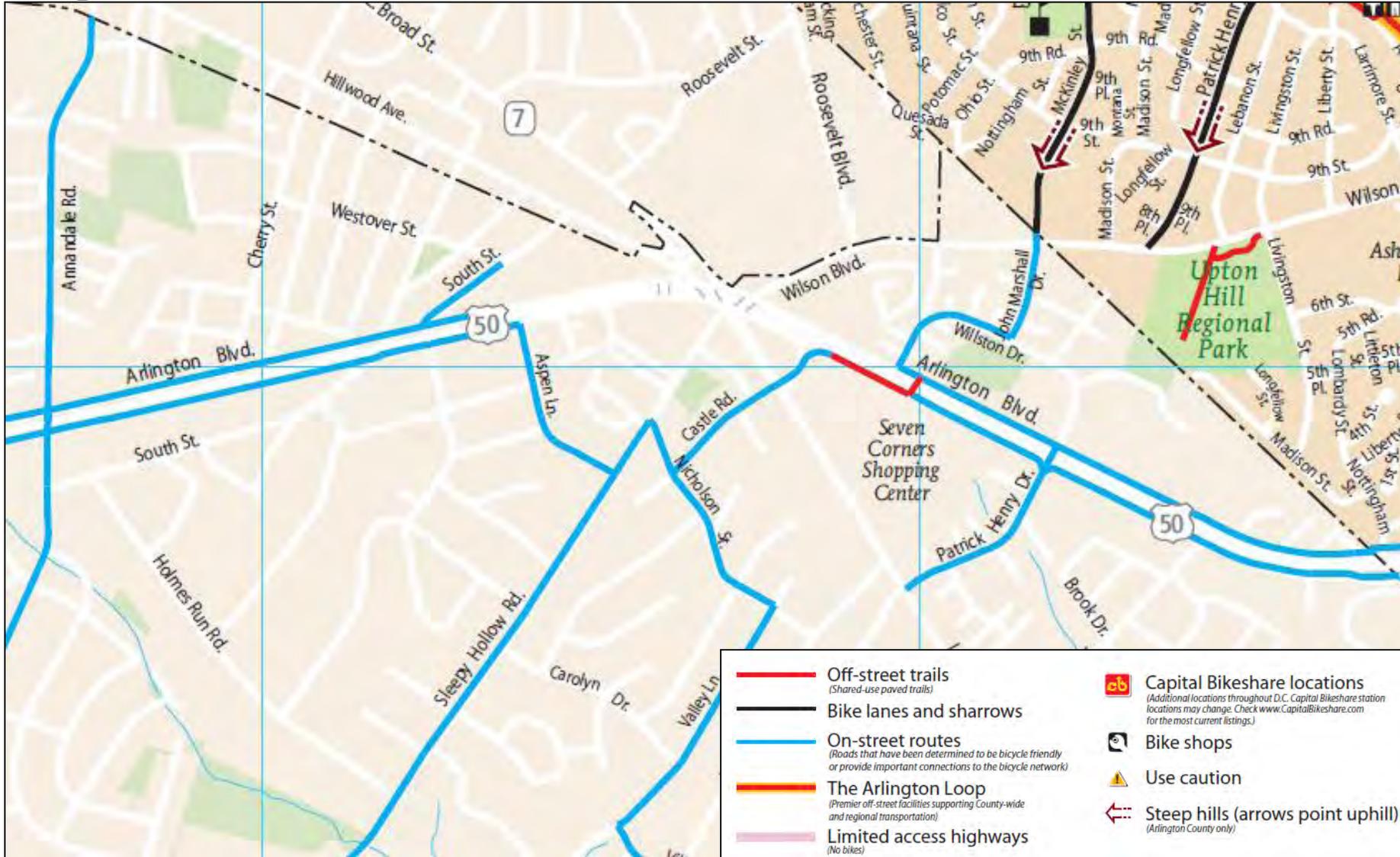
Existing Parking in Seven Corners





Seven Corners Existing Pedestrian Infrastructure





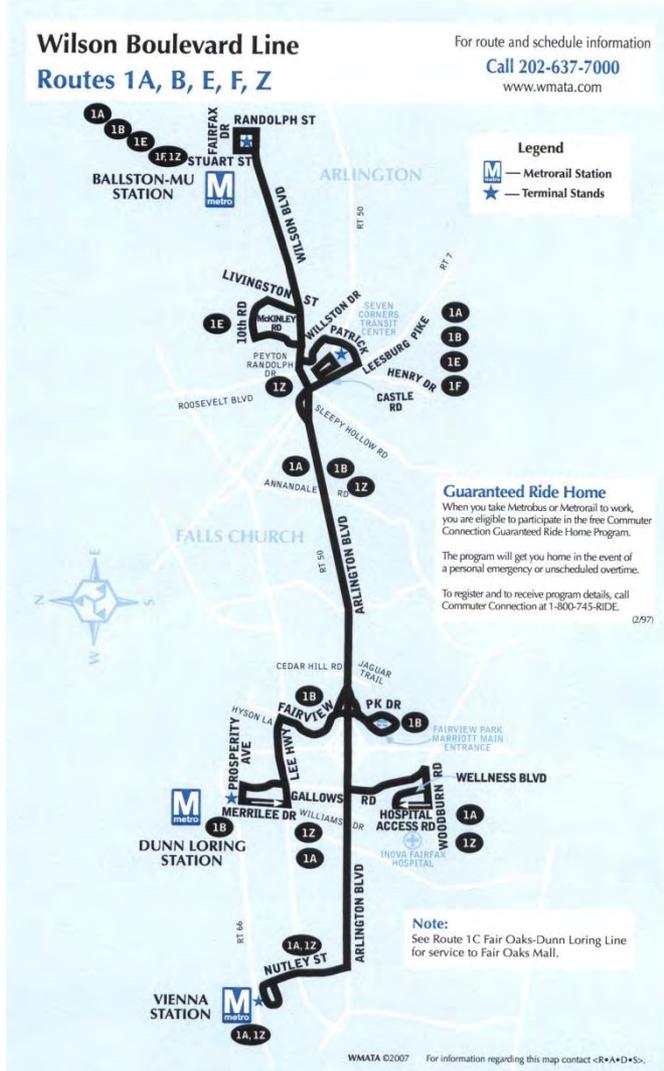


WMATA provides bus service in the area through 3 lines (1, 4, and 28)

- 1 line (5 routes)
- 4 line (3 routes)
- 28 line (2 routes)

Metrorail service near study area:

- East Falls Church Metrorail Station
(Approx 0.9 miles from study area boundary)
 - Orange Line
 - Silver Line end of 2013
- West Falls Church Metrorail Station
(Approx 2.9 miles from study area boundary)
 - Orange Line



WMATA Routes 1A, 1B, 1E, 1F & 1Z

Connections between:

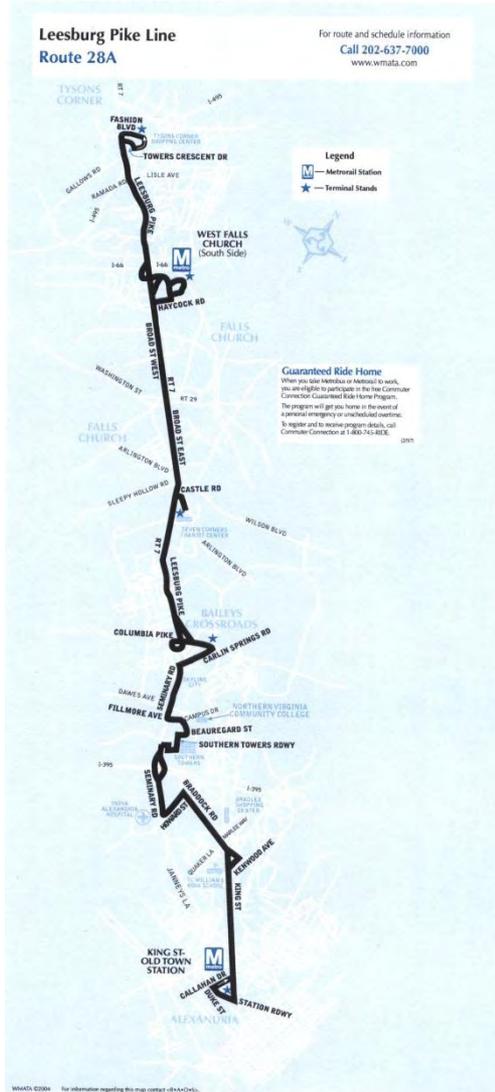
- Ballston Metro
- Seven Corners
- Dunn Loring Metro
- Vienna Metro



WMATA Routes 4A, 4B, & 4H

Connections between:

- Rosslyn Metro
- Courthouse Metro
- Seven Corners



WMATA Route 28A

Connections between:

- King Street Metro
- Baileys Crossroads
- Seven Corners
- West Falls Church Metro
- Tysons Corner



WMATA Route 28X

Connections between:

- Mark Center
- Baileys Crossroads
- Seven Corners
- West Falls Church Metro
- Tysons Corner



Metrics Used to Measure Intersection Performance

Level of Service	Signalized Delay (sec)	Unsignalized Delay (sec)	Typical Roadway Conditions
A	< 10	< 10	Primarily free-flow operations. Control delay at intersections is minimal.
B	10 to 20	10 to 15	Ability to maneuver in traffic is slightly restricted. Delay at intersections is not significant.
C	> 20 to 35	> 15 to 25	Stable operations with ability to maneuver in traffic being restricted. Delay at intersections may contribute to congestion.
D	> 35 to 55	> 25 to 35	Small increases in traffic volumes may cause substantial increases in delay. Congestion at intersections is apparent.
E	> 55 to 80	> 35 to 50	Significant delay and poor travel speeds can be expected. Intersections experience significant delay and queuing.
F	> 80	> 50	Delays are at unacceptable levels for most drivers. Roadway network capacity has been exceeded.



Questions/Comments?



Next Steps