

**Wiehle Avenue and Reston Parkway Station Access Management Study**  
**Pedestrian and Bicyclist Issues**  
**May 22, 2007**

**Issue 1: Crossings at Major Routes**

*How will crossings of major routes be improved?*

- Reston Parkway
- Wiehle Avenue
- Sunset Hills Road
- Sunrise Valley Drive
- W&OD Trail

*Considerations:*

- Improvements at grade
  - Visibility of crosswalks
  - Median refuge islands
  - Treatment of mid-block crossings
  - Pedestrian signals
    - Pedestrian walk-phase
      - Coordination with other phases
      - Crossing times
    - Signal type
    - Location of push-buttons
  - ADA-compliant curb ramps
- Grade separated (overpass/underpass)
  - topography

*Are there enough crossings of the major streets?*

- Crossings at all intersections
- Midblock crossings

*Considerations:*

- Connectivity

**Issue 2: Sidewalk Improvements along Major Routes**

*Should there be sidewalks on both sides of the street on all major routes?*

*Considerations:*

- Access to transit
  - Waiting areas at bus stops
- Area connectivity
  - Coordination with future developments
- Sufficient space for pedestrians
- Sidewalk design
  - Width



- Surface
  - Route where trails don't follow the street
  - Buffers
- Who should sidewalks serve?*
- Pedestrians
  - Bicyclists (see Issue 3)

### **Issue 3: Bike Lanes**

*Should bike lanes be provided?*

*Considerations:*

- Needed roadway width
- Bike lane design

### **Issue 4: Access to Station**

*Should direct access to the south station entrances be provided even if this means purchasing right of way?*

*Considerations:*

- Pedestrian and bicycle desire lines
- Barriers to walking and biking

*Can bikes use the same facilities as pedestrians to access stations?*

*Considerations:*

- Right of way
- Conflicts



### **Issue 5: Connectivity of Trails**

*How should the trails be connected to the sidewalk and street system?*

*Considerations:*

- Connections at grade-separated crossings
- Connections to at grade crossings
- Signage and wayfinding

### **Issue 6: Inter-parcel Pedestrian Access**

*How can pedestrians walk between parcels?*

*Considerations:*

- Links between parcels
- Navigation through parking lots
- Right of way

