



**Wiehle Avenue &  
Reston Parkway  
Station Access  
Management Study**



# Study Team

- The Reston Metrorail Access Group (RMAG) & interested citizens
- Supervisor Catherine Hudgins' office
- Fairfax County DOT
- Vanasse Hangen Brustlin, Inc -  
*Transportation Planning Consultants*
- The Perspectives Group -  
*Public Participation in Transportation Planning*



# Working Teams

- Public outreach
- Market analysis
- Pedestrian and bicycle systems
- Station access and bus service planning
- Traffic circulation and impacts



# Work Tasks-Overview

1. Organize community participation
2. Define station access issues
3. Delineate project study area
4. Describe existing conditions
5. Assess future traffic conditions
6. Design feeder bus service
7. Develop strategies to manage traffic
8. Prepare station access management plans

# Organize Community Participation

- Define mission
- Define and facilitate clear process
- Ensure balanced participation
- Connect to full community

| Timeline for Public Involvement<br>Wiehle Avenue & Reston Parkway Station Access Management Study |   |   |   |   |  |   |   |  |   |   |  |   |   |  |  |  |
|---|---|---|---|---|--|---|---|--|---|---|--|---|---|--|--|--|
|   | Dec 06  | Jan 07  | Feb 07  | Mar 07  | Apr 07   | May 07  | Jun 07  | Jul 07   | Aug 07  | Sep 07  | Oct 07   | Nov 07  | Dec 07  | Jan 08   | Feb 08   | Mar 08   |
| <b>VHS Schedule of Work</b>   | Identify Station Access Issues  | Define Project Area and Profile Existing Conditions   | Assess future traffic conditions, how people will access the stations, and the available facilities for all modes of transportation |   | Develop and test draft access management plans including strategies to manage traffic, and plans for feeder bus systems, pedestrians, and bicycles |   |   |  | Present detailed access management plans for public review    |   |  | Incorporate comments and complete final access management plans   |   | Finalize and present overall access management plan  |  |  |
| <b>Reston Metrorail Access Group (RMAG) Meetings and Activities</b>                               | RMAG meeting<br><i>Agenda: Overview of purpose and process</i><br>Individual members meet with the Perspectives Group | Organizational retreat<br><i>Discuss issues of leadership, organization, expectations, schedule, public outreach, and process. Agree on meeting schedule.</i> | RMAG meeting<br><i>Agenda: Discuss and input on existing conditions</i><br>Begin work on a statement of shared values and interests |   | RMAG meeting<br><i>Agenda: Predicting future traffic issues and opportunities for improvement</i>  | RMAG meeting<br><i>Agenda: Set goals for second public meeting</i>  | RMAG meeting<br><i>Agenda: Discuss issues and approach to drafting access management plans</i>  | RMAG meeting<br><i>Agenda: Discuss results of public meeting</i><br>Input to access strategies development | No RMAG meeting scheduled                                     | RMAG meeting<br><i>Agenda: Review and discussion of draft strategies</i>    | RMAG meeting<br><i>Agenda: Review and discussion of draft strategies</i> | RMAG meeting<br><i>Agenda: Set goals for third public meeting</i> | RMAG meeting<br><i>Agenda: Review of detailed access management plans</i>                           | RMAG meeting<br><i>Agenda: Review results of public meeting and final input to access management plans</i>                   | RMAG meeting<br><i>Agenda: review and plan public meeting</i><br>Outline summary report<br>Celebration |  |
| <b>Public Meetings and Activities</b>   | Begin identifying public stakeholders and conducting stakeholder analysis   |   | Begin meeting with small groups of stakeholders as needed   | Convene first public meeting<br><i>Agenda: Discuss process and goals and identify public values and interests</i> |  |   | Convene second public meeting<br><i>Agenda: Review assessment and RMAG results to date, provide input to draft of access management plans</i> |  |   |   |  |   | Convene third public meeting<br><i>Agenda: Review and input to detailed access management plans</i> |  |  | Convene fourth public meeting<br><i>Agenda: Presentation of overall access management plan</i> |
| <b>Communication Activities and Products</b>  | Create a communication plan.<br><i>Establish a telephone hotline, mailing list, listserv, Web site</i>                |   | 1st fact sheet<br><i>Topic: Announce the RMAG, process, and set expectations. Announce and publicize first meetings</i>             | 2nd fact sheet<br><i>Topic: Identification of existing conditions</i>   | 3rd fact sheet<br><i>Topic: Statement of shared values and public involvement</i><br>Summary report on public input                                | Seek feature story in local media on RMAG and public involvement<br>Announce and publicize second meeting | 4th fact sheet<br><i>Topic: Future conditions</i><br>Produce tv programs for local access channels  | Second summary report on public input  | 5th fact sheet<br><i>Topic: Pedestrian and bicycle access</i> | 6th fact sheet<br><i>Topic: Feeder bus service issues and opportunities</i> | 7th fact sheet<br><i>Topic: Traffic management</i>                       | Announce and publicize third public meeting                       |   | Seek feature story about the successful conclusion to the public involvement process<br>Third summary report on public input | Announce and publicize fourth public meeting   |  |



# Define Access Issues

- Prepare compendium of public comments
- Review ROD & updated Transportation Plan
- Examine Dulles Rail project plans
- Conduct field review of current conditions
- Meet with PAC and other interested groups
- Define set of goals and objectives & measures of effectiveness (MOE)



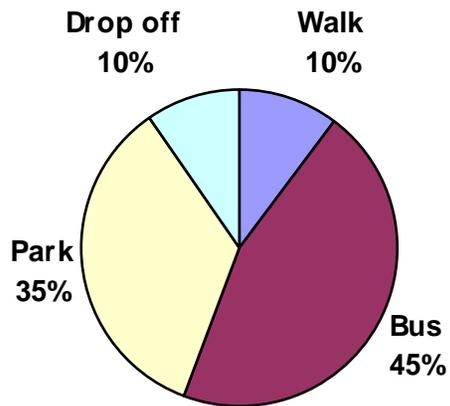
# Delineate Study Area

- Examine travel markets served by each station
- Two scales for markets – influence area and local access shed
  - Access – pedestrian, bike, bus, K&R, P&R
  - Egress – pedestrian, bike, bus (station cars?)
- Using paper maps and GIS resources delineate study boundaries in consultation with PAC, County DOT, others
- Consider different study areas for each station and each access mode

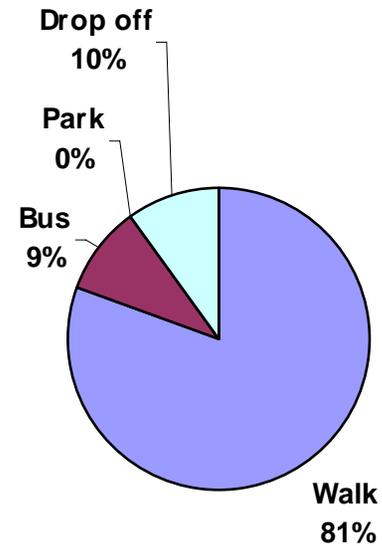


# Preliminary Forecast 2030 Mode of Access to Stations

**Wiehle Avenue**



**Reston Parkway**



Source: Final Environmental Impact Statement

# Assess Future Traffic Conditions

- Review forecasts for analysis year
  - (2015 and 2030 forecasts available)
- Develop concepts of roadways, pedestrian facilities, bus routes and access, bike systems
- Review demographic profile and forecasts, and development proposals
- Run traffic simulation model for alternatives
- Examine outputs for impacts on traffic, feeder bus, pedestrian, bicycle and KNR access



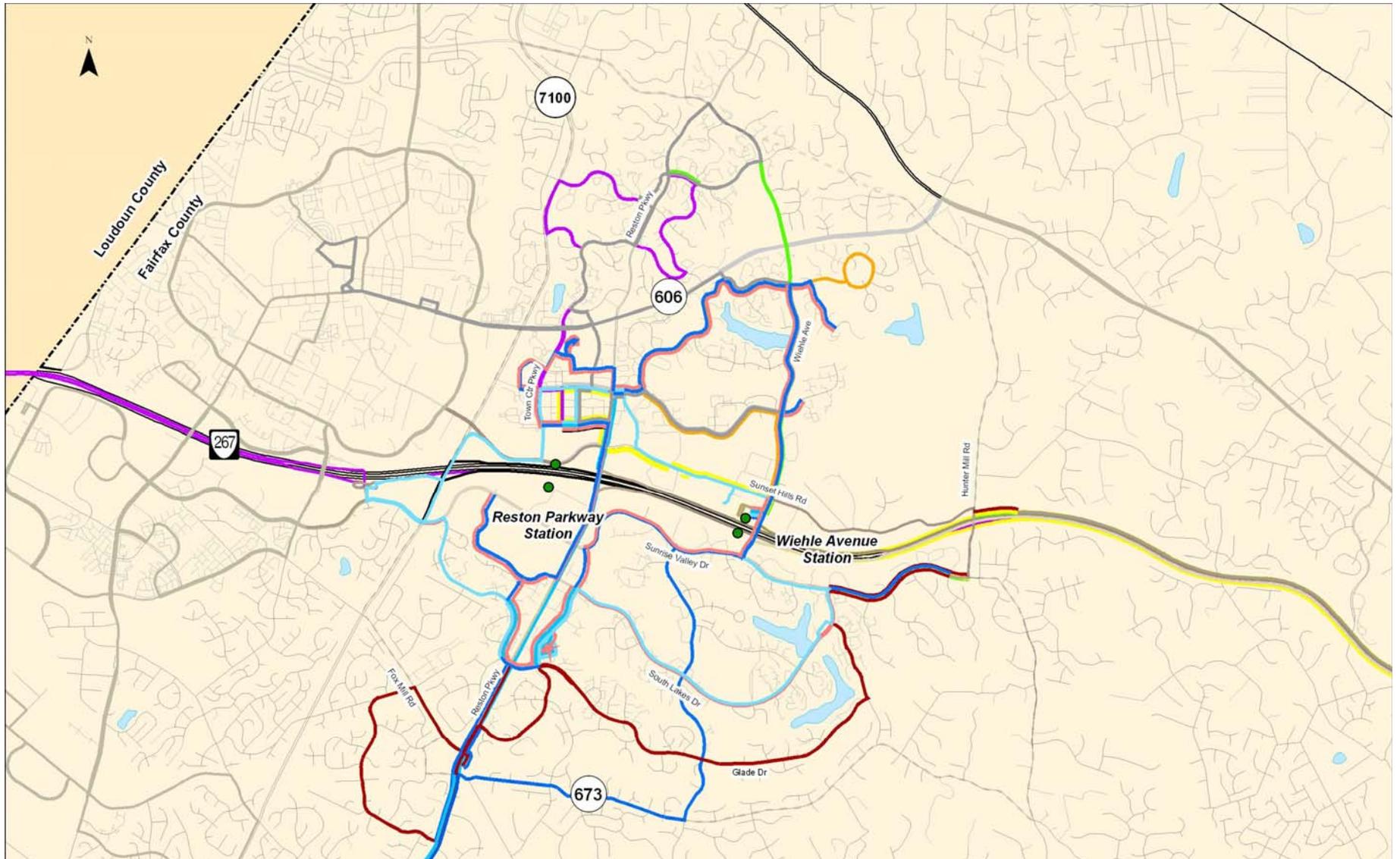
# Develop Feeder Bus Plans

- Review feeder bus plan in FEIS
- Review rail line planning forecasts and output from County travel model
  - Travel markets
  - Modes of arrival/departure
- Develop plans for feeder/distributor bus services
  - In coordination with Fairfax Connector planning
  - Routes, frequencies, stop locations, vehicle type, operating budget





# Current Bus Routes





# Develop Traffic Management Strategies

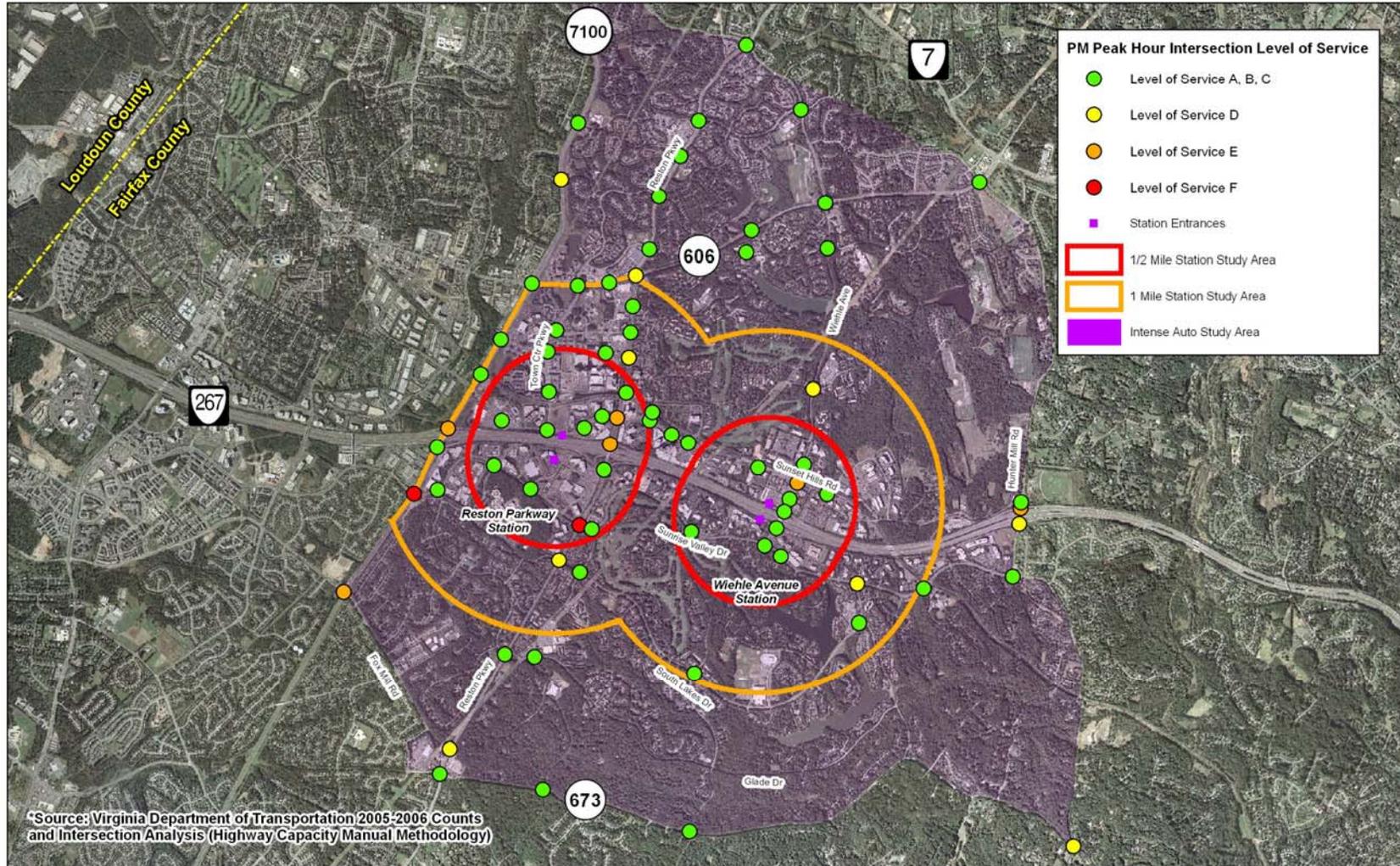
- Based on output from traffic simulation model develop access management strategies including TDM program elements
- Apply context sensitive design
- Develop strategies and actions to enhance pedestrian access
- Develop strategies and actions to enhance bicycle access
- FCDOT and VDOT review of strategies and actions







# Current PM Peak Hour Intersection Levels-of-Service





# Current Pedestrian and Bicycle Facilities





# Prepare Station Access Management Plans

- Actions and projects
- Operating plans
- Capital and operating costs
- Capital improvement program
- Funding plan





# Project Schedule

- Community participation-initiate in Dec. 06 and continue until project termination
- Define Station Access Issues-Dec 06 through Jan 07
- Delineate Project Study Area bounds-Jan 07
- Describe Existing Conditions-Dec 06 through March 07



# Project Schedule (continued)

- Assess future traffic conditions-  
May 07 - August 07
- Design Feeder Bus service-  
August 07- Nov 07
- Develop management strategies-  
Nov 07- Jan 08
- Develop overall management plan  
by March 08



# Project Contacts

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- Wiehle Avenue/Reston Parkway Station Access Study web site:  
**[http://www.fairfaxcounty.gov/fcdot/sam\\_study.htm](http://www.fairfaxcounty.gov/fcdot/sam_study.htm)**
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