

Metrorail Station Area Bicycle and Pedestrian Improvements Study Update



Washington Metropolitan Area
Transit Authority

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TooleDesignGroup



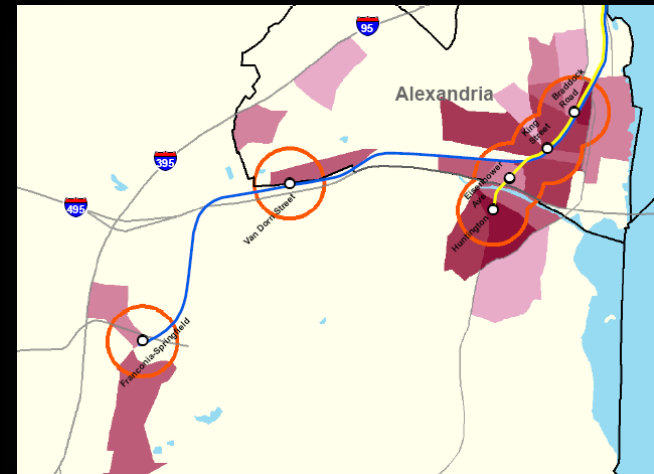
Presentation Outline

- Study Process
- Overview of Station Typologies
- Case Studies
- Key Issues
- Next Steps



Study Process & Progress

- Background research and data collection
- Plan review
- Data analysis
- Outreach
 - Bike/Ped Subcommittee
 - June 2009 public meeting/themes
 - Stakeholder interviews
 - Online questionnaire



Overview of Station Typologies

- Purpose and goals
- Role in the planning process
 - Recommendations
 - Best practices
 - Partnerships



Evaluation Factors

- Existing motor vehicle access levels
 - Mode split
 - Parking
- Surrounding street layout
- Intensity/density
- Land use mix
- Projected future change



Typologies

- High Density Urban Mixed-Use in a Grid Network
- Urban Residential Center
- Urban Residential Area with a Bus/Automobile Orientation
- Campus
- Mixed-Use in a Pod Layout
- Long-Term Potential for TOD/PUD
- Suburban Residential Area
- Auto Collector/Suburban Freeway
- Employment Center/ Downtown/Urban Core



Case Studies

Typology	Station
High Density Urban Mixed-Use in a Grid Network	Ballston
Urban Residential Center	Braddock Road
Urban Residential Area with a Bus/Automobile Orientation	Rhode Island Avenue
Campus and Institutional	College Park
Mixed-Use in a “Pod” Layout	Vienna-Fairfax
Long-Term Potential for TOD/PUD Development	West Hyattsville
Suburban Residential Area	Huntington
Auto Collector/Suburban Freeway	Shady Grove
Employment Center/ Downtown/Urban Core	Gallery Place

Key Issues

- Bicycle parking
- Access to trails
- On-site bicycle barriers
- Off-site bicycle barriers
- Education, encouragement, and enforcement programs

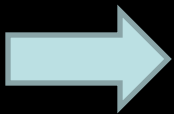


Key Issues, cont.

- On-site pedestrian barriers
- Off-site pedestrian barriers
- Design considerations with future development
- Station assessment process
- Partnerships



Case
study



Key
Issue

Strategies

- Improved and enhanced **bike parking**
- Wayfinding signage
- Connections to bike lanes and **trails** in the vicinity
- Bike stations/cages
- **Intersection and signal improvements**
- Targeted education, outreach, and **promotion** efforts
- Parking lot /access road improvements
- Filling gaps in the pedestrian and bike network
- Private/public **partnerships**



Next Steps

- Case Studies
 - Stakeholder meetings
 - Field work
- Analysis
- Recommendations
- Implementation Plan



Project Website Address and Contact Information

Project Website

<http://tooledesign.com/metro/>

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