



# Washington Metropolitan Area Transit Authority

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## Bicycle Locker & Rack Survey

### Existing Conditions and Planning for the Future

*Presented to:*

Metropolitan Washington Council of Governments  
Bicycle & Pedestrian Subcommittee

Office of Customer Communications, Marketing, & Sales

May 16, 2006



# April-May Survey

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- Metro staff evaluated bicycle facilities at all 86 Metrorail stations
  - Surveyed and documented conditions
  - Gathered snapshot of usage during peak bicycle-riding season
  - Created an accurate inventory
- Documented current procedures for maintenance and replacement
- Compiling report for future upgrading & maintenance of racks and lockers



# Major Use Stations

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# Major Use Stations

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- Bike rack use meets or exceeds current bike rack totals
  - Van Dorn Street
  - Silver Spring
  - Woodley Park-Zoo/Adams Morgan
  - Farragut West (non-WMATA)
  - Pentagon (non-WMATA)
  - Union Station (non-WMATA)



## Rack Use Between 50%-100%

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- Orange & Blue Lines
  - Most Orange Line stations in Virginia
  - Foggy Bottom-GWU
  - Federal Center SW
  - Pentagon City
  - Braddock Road
  - King Street
  - Franconia-Springfield
  - Crystal City (non-WMATA)
  - Federal Triangle (non-WMATA)



# Rack Use Between 50%-100% (cont'd.)

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- Yellow & Green Lines
  - Huntington
  - Suitland
  - Columbia Heights
  - Fort Totten
- Red Line
  - Judiciary Sq
  - Glenmont
  - Bethesda
  - Medical Center
  - Grosvenor
  - Shady Grove



# State of the Lockers

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# Bicycle Lockers

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- 1280 lockers systemwide
- Most in good condition
- Problems:
  - Dirt/dust
  - Graffiti
  - Partially lifted lids





## Partially Lifted Lids

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# Major Recommendations

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- Powerwash all lockers
- Clean graffiti
- Research replacement of malfunctioning lockers
- Ease locker rental procedure
  - Signage with rental information
  - Simpler, web-accessible contract
  - More rental options (only 1 year available now)



# State of the Racks





# Bicycle Racks

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- 1854 racks systemwide
  - Both WMATA and non-WMATA
  - Non-WMATA racks within 200' of station entrances
- Many in poor condition
  - Rust
  - Broken Frames
  - Loose Installation
- Bikes often locked to railings, trees, light poles, etc.



# Broken Frames



Broken Bike Rack Frame (common situation)  
New Carrollton (south) - Apr. 14, 2006



Exposed & Jagged Piece of  
Broken Rack-III  
Dunn Loring - Apr. 11, 2006



Several Racks Totally Rusted & Broken Apart  
Wheaton (east) - Apr. 28, 2006



# Major Recommendations

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- Replace worst Rack-III's ASAP
  - Efforts underway now
- Remove abandoned bikes
  - Current process & constant vigilance
- Move far racks closer to entrances
- Research options to enhance security
- Establish regular survey & maintenance schedule



## Actions Taken

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- Notified Line Managers of issues at their stations
- Reported abandoned bikes to Transit Police
- Following up on reported problems
- Identifying funding for rack replacement



## Next Steps

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- Develop consolidated operating plan for bicycle access management
- Designate dedicated staffing for bike/ped needs
- Complete bicycle facilities demand forecasting
- Improve communication with stakeholders
- Continue partnership with region
  - MWCOG, WABA, jurisdictional bike/ped planners
  - WMATA-sponsored regional Bike 'N' Ride workshop

**Questions/Comments?**