



Washington Metropolitan Area Transit Authority

Bike/Ped Subcommittee

11/23/2010

Item #5

Metro's Bicycle & Pedestrian Access Improvements Study - *Recommendations & Next Steps*

TPB Bicycle & Pedestrian Subcommittee

November 23, 2010

Bicycle & Pedestrian Improvements Study Process

- Reviewed relevant policies and plans
- Analyzed available data on mode of access to stations and bicycle facilities
- Developed station typologies for use in study approach
- Engaged stakeholders and solicited input
 - ✓ Public
 - ✓ Jurisdictional staff
 - ✓ Internal staff
- Conducted best practice peer interviews





Study Recommendations

Metro's Elements

- Adopt Multimodal Policies
- Station Assessment Tools
- Customer Information
- O&M
- Institutional Capacity
- Bicycle Parking Improvements
- TOD design

Metro & Partner Elements

- Off-site Connections
- Signage & Wayfinding
- Adjacent Development



Metro-Led Implementation Highlights

- Adopt bicycle mode share goal
- Improve bicycle portion of website
- Provide covered, secure bicycle parking facilities
- Employ tools to evaluate bicycle and pedestrian needs, safety, circulation and level of service at and within stations
- Ensure joint development designs provide safe and convenient access for pedestrians and bicyclists



Policy: Bicycle Mode Share Goal

Triple by 2020 and Quintuple by 2030

Use these goals to plan for bicycle parking at stations

	2007	2020	2030
Mode Share	.7%	2.1%	3.5%
Est. No. of Riders (AM peak)	1,600	7,000	12,000



Metro + Partner Joint Implementation Highlights

- Coordinate with local jurisdictions to ensure safe, direct off-site bicycle and pedestrian connections to stations
- Enhance signage and wayfinding orienting to/from stations and nearby destinations
- Ensure development adjacent to stations is bicycle and pedestrian friendly



Next Steps

- January – Request Board adoption of Mode Share Goals
- Develop six-year CIP (FY12-17) to implement recommendations
- FY 11 Tasks-
 - Planning & design (station assessments for bike/pedestrian improvements) - Consultant
 - Work with jurisdictions to identify needed connections in station areas
 - Re-tool bike portion of website to make more user-friendly – *in progress*
 - Continue replacing all remaining deteriorated bike racks
 - Pilot one bike cage in a garage



Bicycle & Pedestrian CIP Development Program

- Timeframe: FY12-17
- Goal: Best Allocation of Resources
 - CIP 35: Expansion/ replacement of bike and pedestrian facilities to meet demand (\$7.2 M)
 - CIP 36: State of good repair, existing bike racks and lockers (\$2.7 M)
- Approach: Survey all 86 stations for on-site improvements
 - Full survey: 48 stations with existing park-and-ride facilities/ high bike demand
 - Short survey: 38 stations with small street-level footprint/ bike racks owned by others



Bicycle & Pedestrian CIP Development Program

Project Tasks:

- Data collection, including current bike use, capacity and GIS attributes
- Create concept plans for each station, including bike cages and covered racks, improved bike and pedestrian access, locations for signage
- Right-size facilities to match supply and demand
- Project prioritization, including projects identified by jurisdictional partners
 - Recommendations for off-site station access improvements located up to three miles from station for bikes and ½ mi for pedestrians
 - Requires project cost estimate and determination of feasibility

Secure Bike Parking

- More Secure Bike Parking is:
 - Top recommendation of the recent study
 - Frequent request from our riders
 - Cost-effective way to improve station access
 - Major component of future capital improvements
- We want to explore a Bike Cage system to:
 - Address issues with reserved locker system
 - Maximize capacity
 - Improve security over open-air bike racks



Bike Cage Pilot Project

- We're scanning our peers' experiences
- Still weighing options:
 - Method of Access
 - Scalability
 - Customer convenience
 - Safety
 - Cost
- Likely pursue RFEI/RFQ
- Ideal: Pilot opened by fall 2011





Where to Find the Plan

PlanitMetro.com