



Washington Metropolitan Area Transit Authority

WMATA's Bicycle & Pedestrian Facilities Planning Study

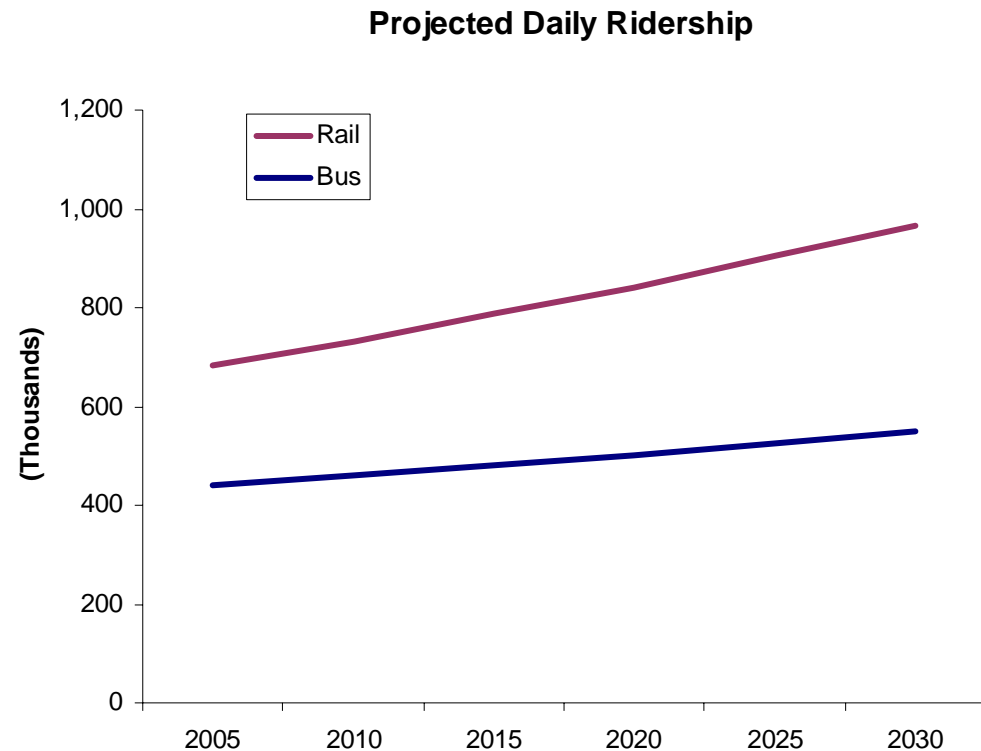
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3/17/09



Metro Ridership Projections

- Between 2005 and 2030, average daily rail ridership is expected to grow by over 40%, or 1.5% annually.
- Over the same period, average daily bus ridership is expected to grow by 26%, or 1% annually.





Growth & Capacity

- **If we do not expand the fleet after 2009:**

Line	2005	2010	2015	2020	2025	2030
Red	Green	Green	Green	Green	Green	Yellow
Blue (Rosslyn)	Green	Green	Green	Green	Green	Green
Orange/Dulles Rail	Yellow	Green	Yellow	Red	Red	Red
Yellow/Blue (14th Bridge)	Green	Green	Green	Yellow	Yellow	Yellow
Green	Green	Green	Green	Yellow	Yellow	Yellow

- **If we expand the fleet for 100% 8-car train service:**

Line	2005	2010	2015	2020	2025	2030
Red	Green	Green	Green	Green	Green	Green
Blue (Rosslyn)	Green	Green	Green	Green	Green	Green
Orange/Dulles Rail	Yellow	Green	Yellow	Yellow	Red	Red
Yellow/Blue (14th Bridge)	Green	Green	Green	Green	Green	Yellow
Green	Green	Green	Green	Green	Green	Yellow

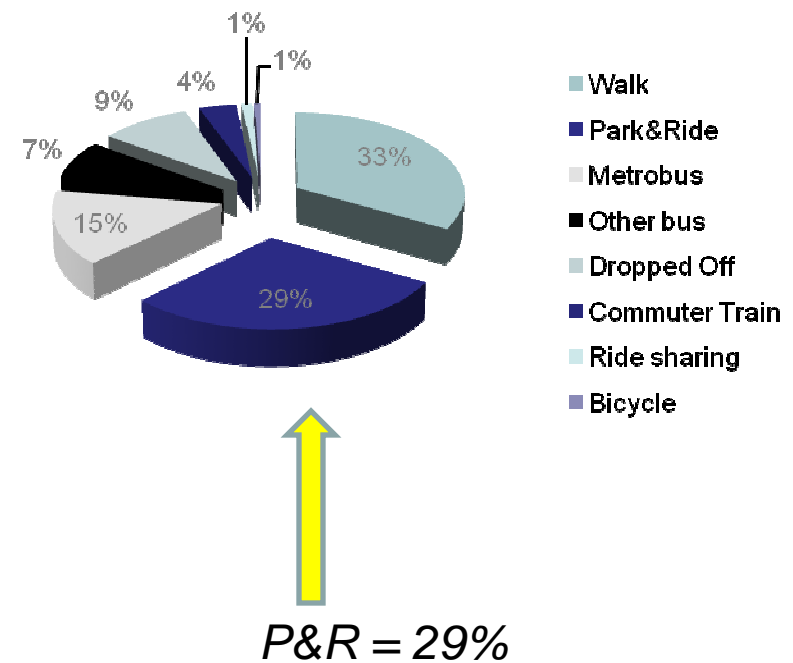
Green	Congested (<100 people per car)
Yellow	Highly Congested (100-120 people per car)
Red	Exceeds Capacity (> 120 people per car)



Mode of Access to Metrorail

Mode	2002	2007	↑ ↓
Walk	66,432	78,460	18%
Park&Ride	69,995	68,969	-1%
Metrobus	28,543	34,952	22%
Other bus	13,033	17,620	35%
Dropped Off	21,000	21,911	4%
Commuter Train	8,675	9,002	4%
Ride sharing	2,606	2,463	-5%
Bicycle	969	1,550	60%
Total AM Peak Trips Reported	216,854	240,512	11%

AM Peak Period





Study Overview

- Needs Assessment – evaluating current and potential demand
- Best Practices Review – innovative solutions for meeting expected demand
- Recommendations – putting solutions to work in the context of our system
- Implementation Plan – next 10 years

Timeframe – 6-9 months

Public Input – workshop; web



Existing Metro Bike Facilities

Rail

- 1280 key operated lockers for annual rental
- 1660 racks – replacing old w/ new; 300 additional to be placed this year

Bus

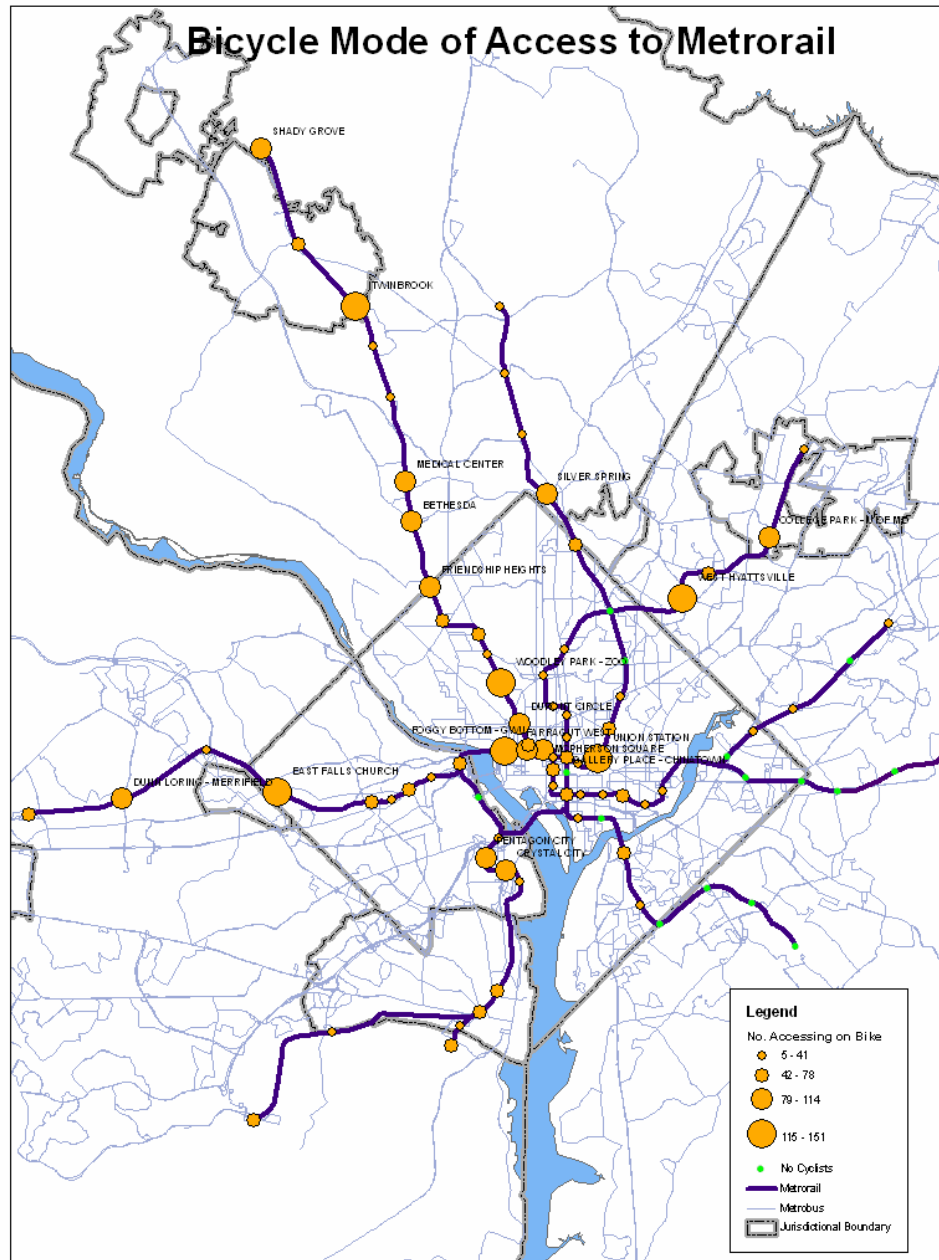
All buses equipped with rack to hold 2 bikes





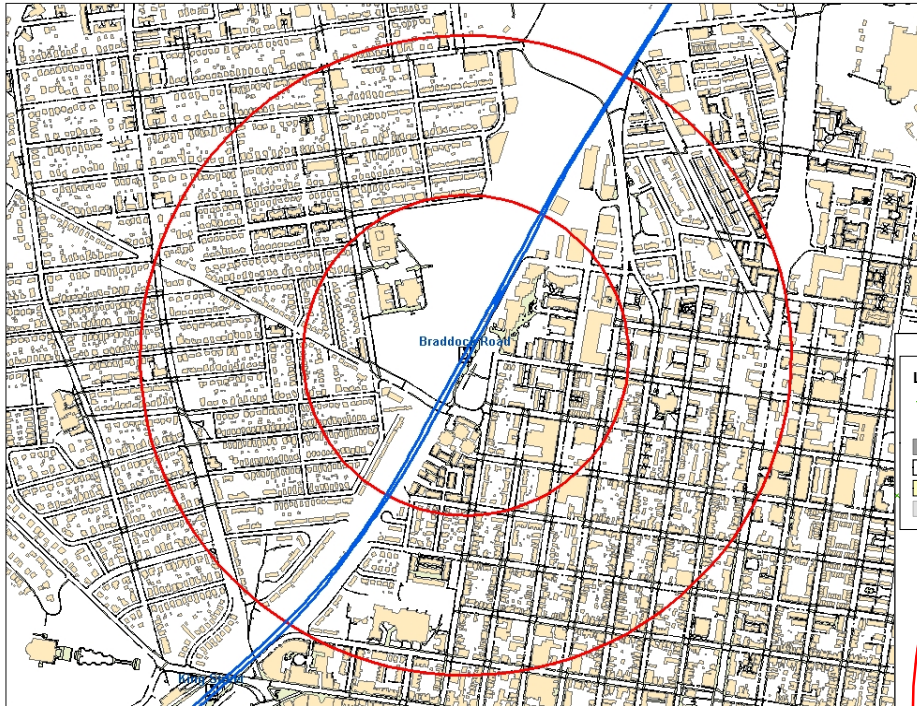
Current High Bike MOA Stations

Cyclists	Station Name
150.70	UNION STATION
147.84	WEST HYATTSVILLE
139.88	FOGGY BOTTOM
130.15	WOODLEY PARK ZOO
121.77	EAST FALLS CHURCH
119.97	TWINBROOK
107.98	PENTAGON CITY
104.04	MEDICAL CENTER
102.30	MCPHERSON SQUARE
102.20	SILVER SPRING



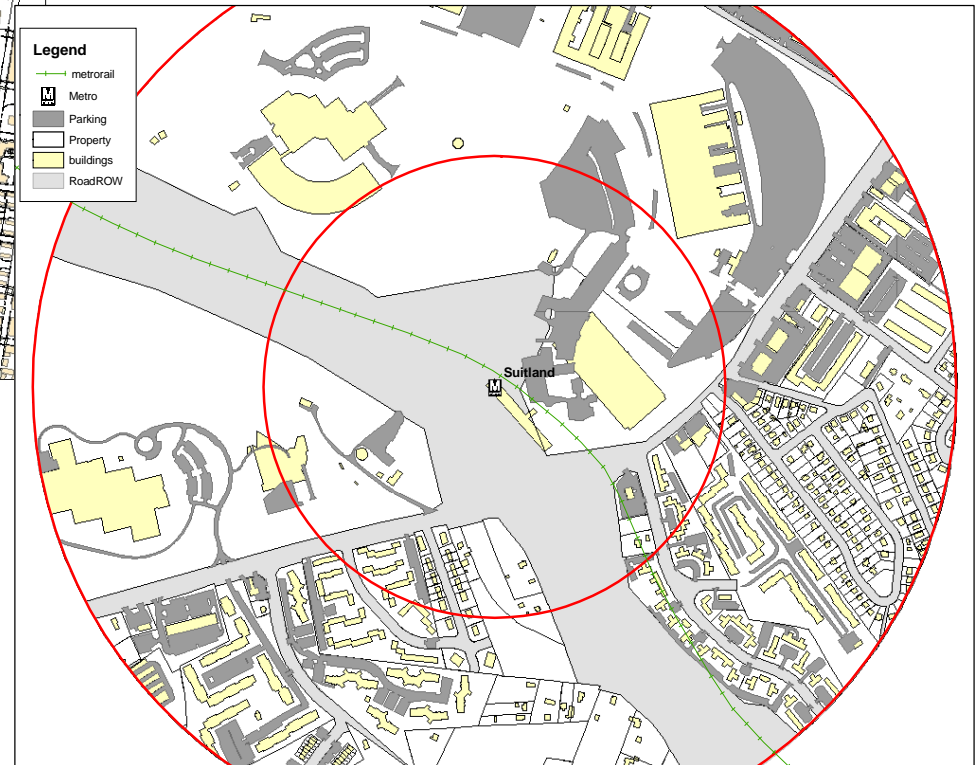


Land Use & Connectivity Factors



Braddock Road Station,
Alexandria

Suitland Station, Prince
George's





Best Practices





Project Timeline

- Finalizing Scope with Consultant
- Begin in next couple weeks
- Public Input Meeting during Needs Assessment phase
+ on-line input
- Return to B/P SubCommittee for feedback/input
- Final Report 8-10 mos.
- Provide recommendations to WMATA CIP