



#### **Agenda**

- I. Welcome & Introductions
- II. RTSP Update
  - I. Jurisdictional Briefings
  - II. Website Development
- III. RTSP Process & Strategy Development
- IV. Discussion of Strategies to Model & Evaluate
- V. Next Steps
- VI. Adjourn



#### **Jurisdictional Meetings**

- · City of Alexandria
- Arlington County (TBD)
- District of Columbia
- DRPT/VDOT
- Fairfax City, Falls Church and NVTC
- Fairfax County
- Frederick County & City of Frederick
- Loudoun County

- MDOT/MTA
- MWCOG/TPB
- Montgomery County DOT
- Montgomery County/M-NCPPC
- NCPC
- Prince George's County DPW & T and M-NCPPC
- Prince William & PRTC
- TPB Tech Comm. (TBD)

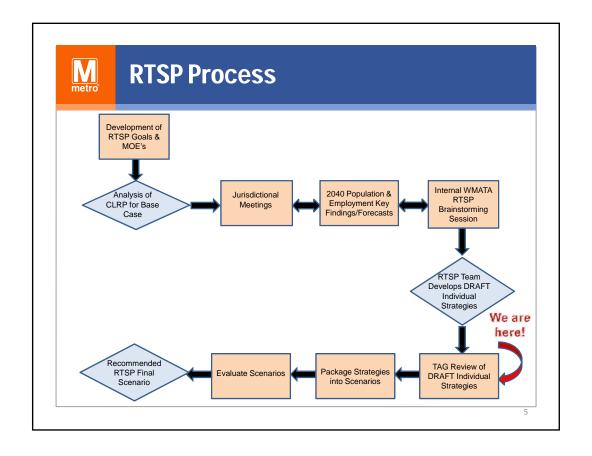
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#### **Website Development**

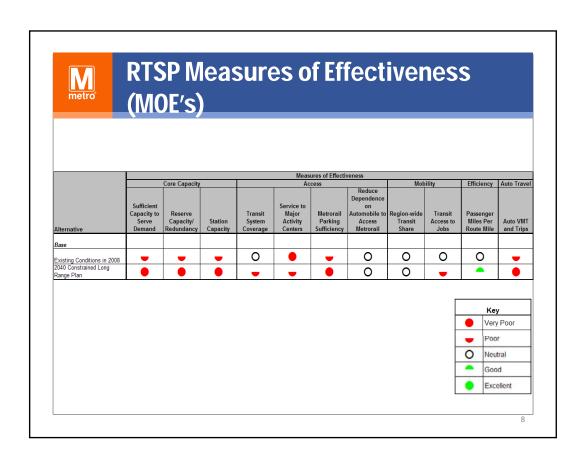
- Purpose of RTSP Website
  - · Forum for transit discussions among visitors
  - · Source of feedback for project team
  - · Links to other transit organizations/agencies
- General Website Content
  - · Project Home
  - FAQ's
  - Technical Advisory Group (TAG)
  - · Community Briefings/Workshops
  - Project Newsletters/Documents/Reports
  - Links
  - · Contact Us/Get Involved
- Evaluating the best hosting mechanism
- Launch during Summer/Fall 2010







RTSP Project Goals & Strategies			
Goal	Strategy		
	•Enhancing Existing Surface Transit		
<b>Core Capacity</b> Transit capacity to serve the regional employment core.	•New Surface Transit Connections		
	•Rail Enhancements		
	•New rail lines through the Core		
<b>Access</b> - Adequate pedestrian, bicycle, automobile and bus access to high-quality	•Urban Design		
transit.	•Park-and-Ride with feeder service to rail		
<b>Surface Transit Corridors</b> - Priority for surface transit including express bus on HOV, rapid bus on arterials, light rail, and streetcar projects.	•New Surface Transit		
New & Emerging Markets - New connections between regional activity centers.	•Rail extension to new markets/activity centers		



Transit Mode Characteristics				
Bus	Standard: 80 (40 seated 40 standing); Articulated: 120 (60 seated, 60 standing)		1-2 Blocks	
Bus Rapid Transit (BRT)	80 (40 seated, 40 standing)	Mixed Traffic or Exclusive ROW	.5 - 1 mile	
Modern Streetcar	127 (35 seated, 92 standing)	Mixed Traffic, fixed guideway	.25 mile	
Light Rail Transit	160 (90 seated, 70 standing)	Mixed Traffic or Exclusive ROW	.5 - 1 mile	
Heavy Rail	170-300	Exclusive fixed guideway	.33 - 2 miles	
Commuter Rail	120 (single level)- 240 (double level)	Exclusive fixed guideway	4 - 7 miles	



### Strategy 3 – Enhancing Existing Surface Transit

- Purpose Enhance existing bus network to provide a high level of service
  - Runningway Improvements (TSP, Queue Jumps, Bus Lanes, HOT/HOV Lanes
  - Enhanced levels of service, increased frequencies
  - BRT-style stop spacing

10

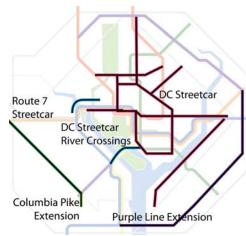


# **Strategy 4 – New Surface Transit Connections**

 Purpose – Develop new surface transit network to connect regional activity centers

Includes Strategy 3 – Enhancing Existing Surface Transit, in addition to other surface transit services:

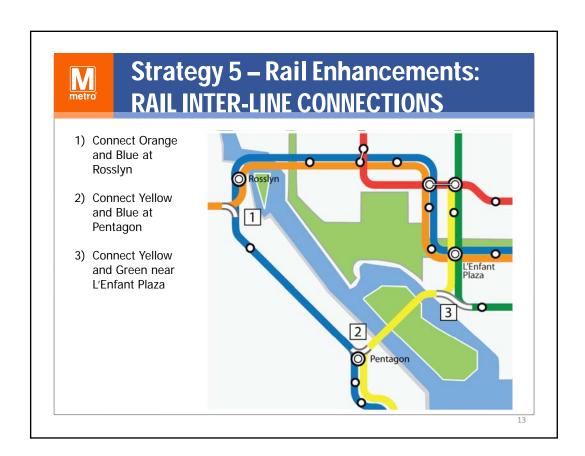
- •LRT
- Streetcar
- Commuter Rail Services





## Strategy 5 – Rail Enhancements: RAIL INTER-LINE CONNECTIONS

- Purpose Target core throughput improvements at congested stations and lines
  - 1) Orange/Silver-Blue inter-lining south of Rosslyn to allow a Silver Split running between the two airports
    - BENEFIT: Faster reach to Ballston, Tysons and airports within Virginia
  - 2) Blue-Yellow inter-lining north of Pentagon to allow I-66 corridor rail lines going through 14<sup>th</sup> Street Bridge
    - BENEFIT: Utilize throughput capacity on 14th Street Bridge
  - 3) Yellow-Green inter-lining south of L'Enfant Plaza to allow a Yellow Line split to Anacostia/Navy Yard





## **Strategy 5 – Rail Enhancements: CORE STATION IMPROVEMENTS**

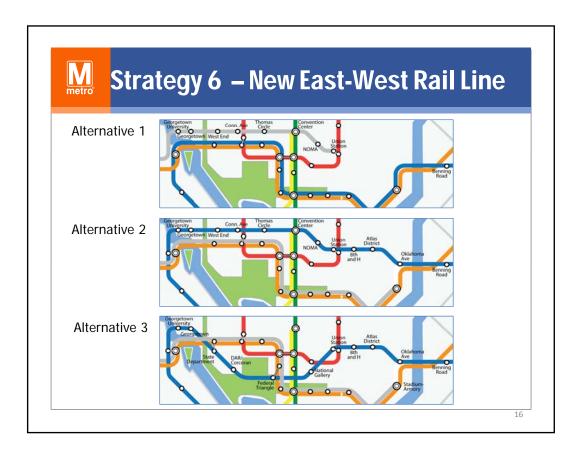
- Purpose Target core throughput improvements at congested stations and lines
  - Build pedestrian tunnels at Farragut North –Farragut West, Gallery Place-Metro Center
  - Expand Union Station Capacity with more vertical circulation
  - Expand transfer capacity at L'Enfant, Gallery Place, Metro Center and Rosslyn

14



#### Strategy 6 – New Rail Lines Through the Core: EAST-WEST

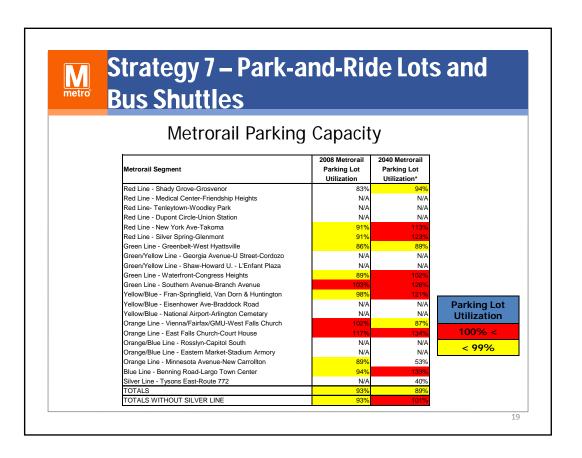
- Alternative 1: Silver Line into Georgetown, ending at Union Station
  - BENEFIT: Relieve Rosslyn portal, shorten Silver Line, and restore Blue Line service (from Blue Line Split)
- Alternative 2: New Blue Line into Georgetown, continuing to Largo
  - BENEFIT: Separate Blue Line from Orange/Silver completely and support growth in new core markets
- Alternative 3: New Blue Line into Georgetown, through Potomac Park, Monumental Core, to Largo
  - BENEFIT: Separate Blue Line from Orange/Silver completely and support unmet demand in the core



# Strategy 6 – New Rail Lines Through the Core: NORTH-SOUTH

- Alternative: Separate Yellow Line from Green Line
  - BENEFIT: Relieve capacity constraint at L'Enfant Plaza, and provide service to emerging market to the east
  - BENEFIT: Potential East Potomac Park Station





### Metro°

# Strategy 7 – Park-and-Ride Lots and Bus Shuttles

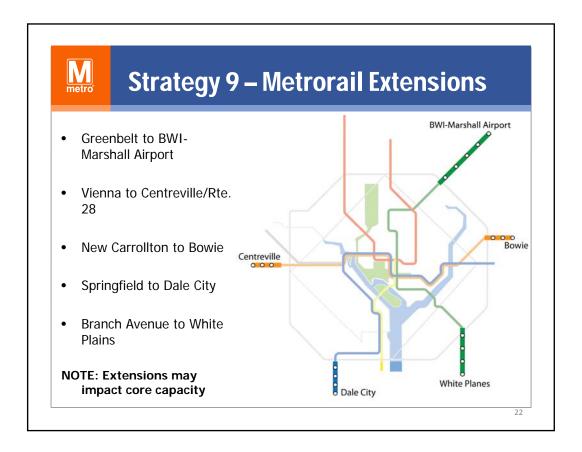
- Station area circulators to reduce demand for parking for trips generated within 1/2 –mile of station
- Remote area Park-and-Ride connected with feeder service to rail stations

20



#### **Strategy 8- Urban Design**





### Next Steps

- Refinement of Strategies based on TAG Feedback
- Strategy Modeling and Evaluation; Development of 4 more strategies
- TAG Meeting 4 July 1, 2010 (Tentative)
- Strategy Modeling & Evaluation; Development of Scenarios
- TAG Meeting 5 September 16, 2010
- Evaluation of Scenarios
- TAG Meeting 6 December 2, 2010

