



Washington Metropolitan Area Transit Authority

2012 Rail Service Realignment Plan



Fairfax County Transportation Advisory Committee
February 21, 2012



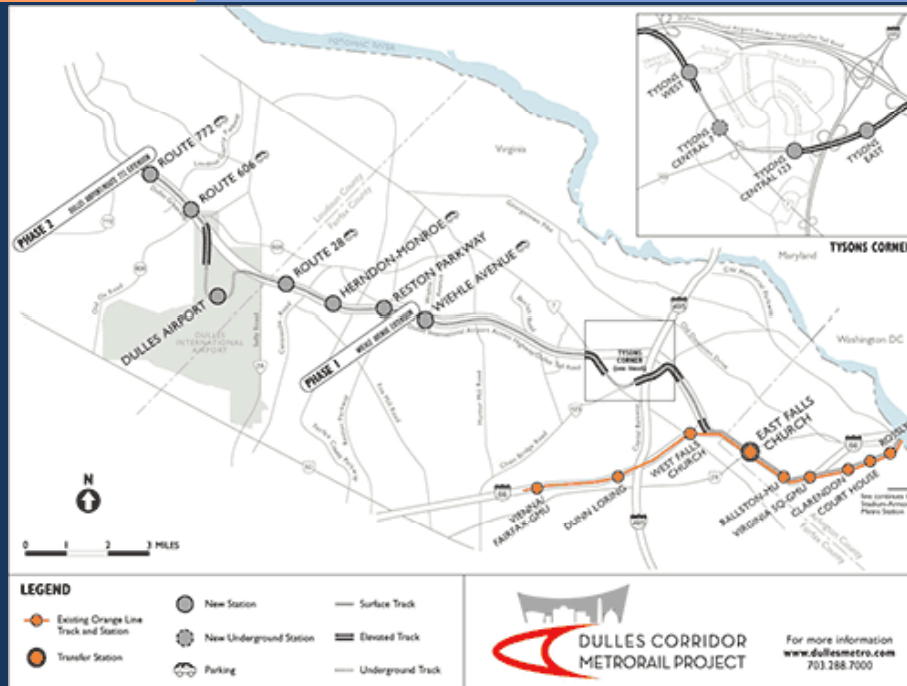
Service Realignment Objectives

June 2012 – Blue/Yellow Line service realignment, called Rush+, will be implemented to serve the following purposes:

1. Address peak period crowding and service reliability at Rosslyn
2. Realign service to better match changing ridership market
3. Transition to future Dulles rail extension



Transition to Dulles Extension Service



- June 2012 - Blue/Yellow Realignment
- December 2013 - Dulles Phase 1 to Wiehle Avenue
- 2017 - Dulles Phase 2 to Loudoun/Route 772

- When the Dulles extension opens, Orange, Blue, and Dulles line trains will all pass through Rosslyn portal
- Rosslyn portal currently operates at maximum throughput of 26 trains per hour; L'Enfant Plaza portal operates at up to 23 trains per hour



June 2012: Rush Hour Blue/Yellow Realignment

Shifts 3 peak hour Blue Line trains
from Franconia–Springfield to operate
via Yellow Line to Greenbelt

Add 3 trains per peak hour to Orange
Line from Vienna/W. Falls Church to
Largo Town Center



(Metro system map with new rush hour information)



Blue/Yellow Line Realignment Peak Period Service Changes

Current Peak Service

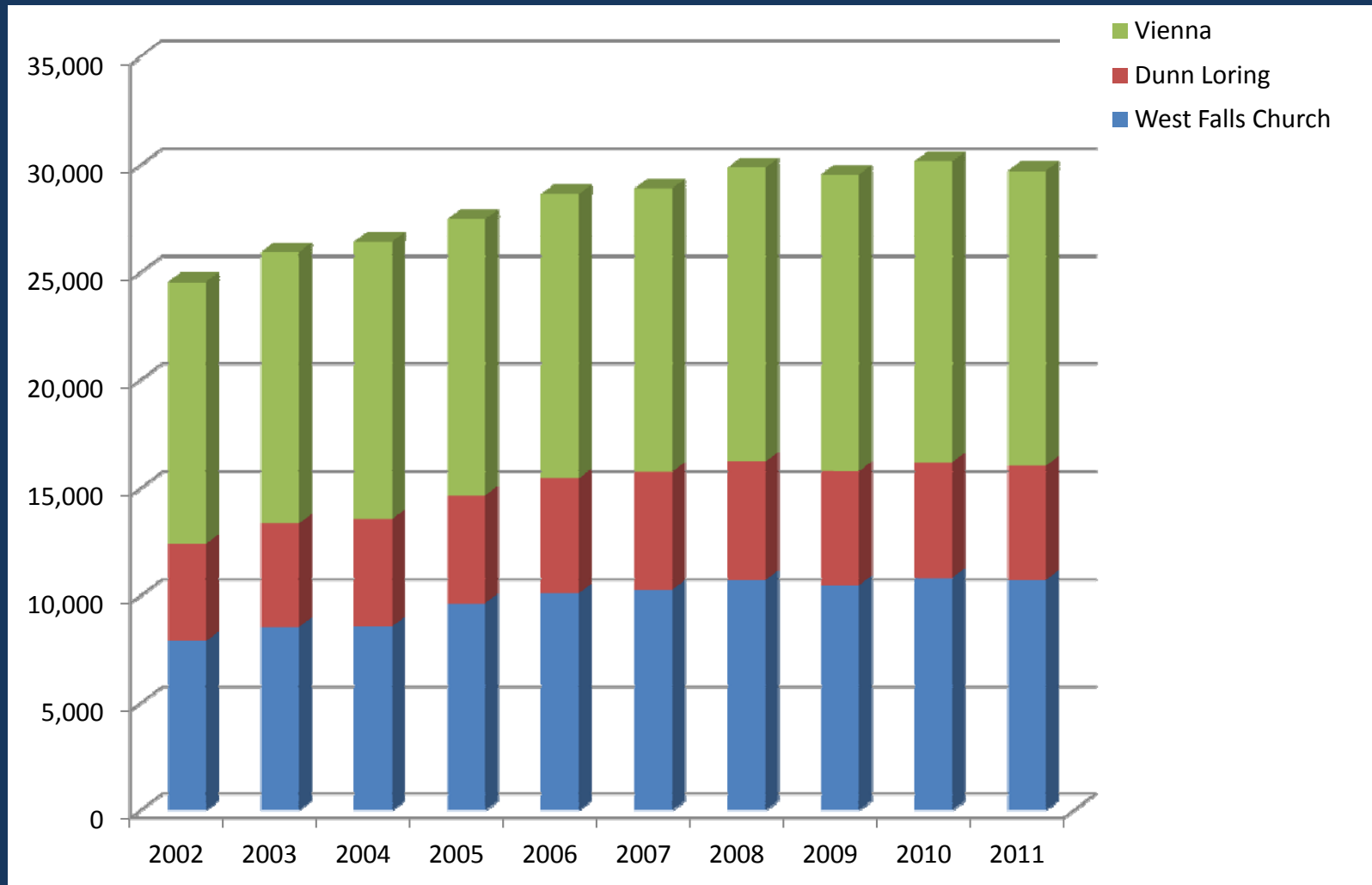
Line	From	To	Trains/Hr	Headway
Blue	Franconia	Largo	10	6 min
Yellow	Huntington	Mont Vernon	10	6 min
Orange	Vienna	New Carrollton	10	6 min
Orange Trippers	Vienna/WFC	New Carrollton	6	n/a

Peak Service After Realignment

Line	From	To	Trains/Hr	Headway
Blue	Franconia	Largo	7	6 - 12 min
Yellow	Franconia	Greenbelt	3	18 min
Yellow	Huntington	Mount Vernon	10	6 min
Orange A	Vienna	New Carrollton	10	6 min
Orange B	Vienna/WFC	Largo	3	18 min
Orange Trippers	Vienna	New Carrollton	6	n/a



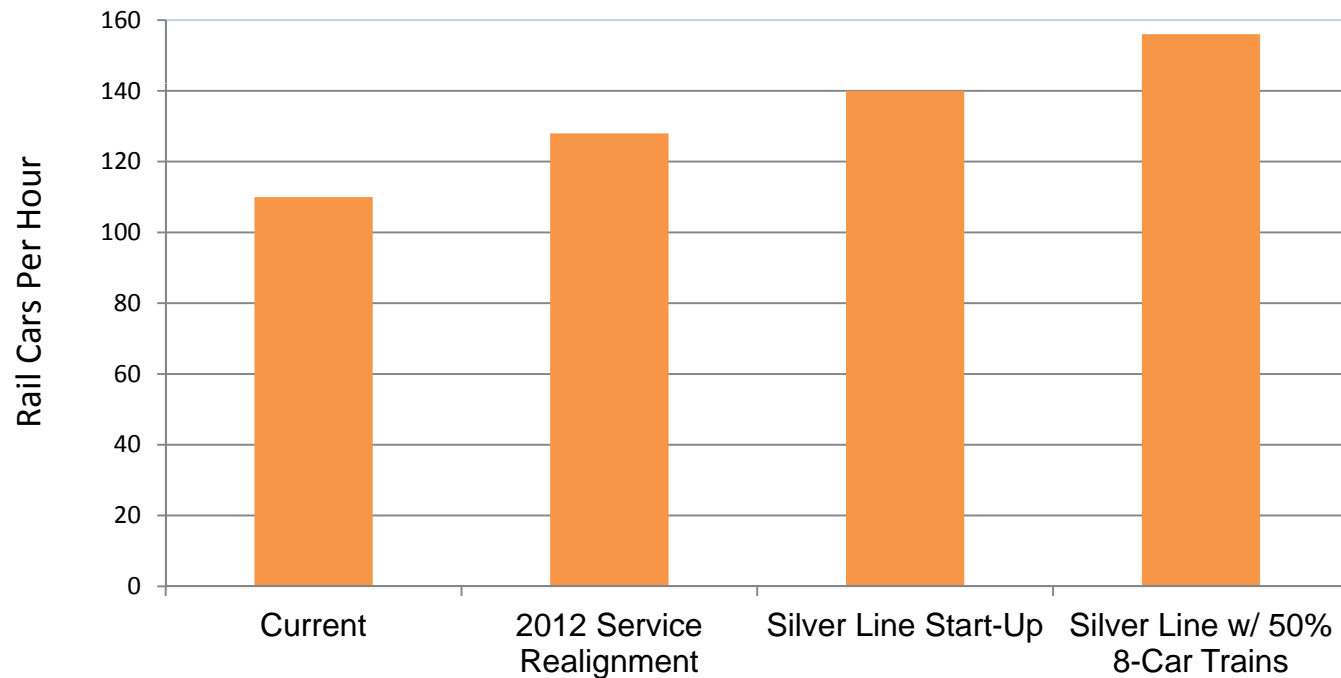
Orange Line Ridership Trend





Orange Line Capacity Metrorail Service Plans: 2012-2014

**Orange Line Capacity at Court House
(AM Peak Hour, Eastbound)**





Blue/Yellow Line Realignment Customer Benefits – Time Savings

- 108,000 riders (43% of peak period trips) to various destinations within the system will benefit with service increase and time savings
- Increased service levels:
 - Yellow /Green Lines (L'Enfant - Greenbelt)
 - Orange Line (West Falls Church - Courthouse)

Passengers Benefiting		
Travel Areas	No. of Passengers (AM Peak Period)	Pk Period Passenger Travel Time Savings (hours)
Between B/Y South and DC/MD	33,510	391
From Orange West (VA) to others	34,021	170
From Orange Downtown West to others	12,497	62
From Green North to others	28,215	329
Total	108,243	953 hours saved



Blue/Yellow Line Realignment Potential Impacts

- 16,000 passengers (6% of peak period trips), will experience increase in travel time up to a maximum of 6 minutes
- Expect 20-33% current Blue Line riders shift to Yellow Line, resulting in transfer increase at L'Enfant
- L'Enfant Plaza station has sufficient capacity to accommodate increase in transfers

Passengers Impacted			
Travel Areas	No. of Passengers (AM Peak Period)	Pk Period Passenger Travel Time Increase (hours)	Max Wait Time Increase (min)
Between B/Y South and Rosslyn	2,630	57	6
Between B/Y South and Orange West	3,522	76	6
Between B/Y South and Downtown West	9,416	204	6
Total	15,568	337 hours increased	
Net Benefits of Realignment	92,675	615 Net Hours Saved	



Station Signs Indicating Rush Service



Greenbelt



Fort Totten

- L'Enfant Plaza
- Archives
- Gallery Place
- Mt Vernon Sq
- Shaw-Howard U
- U Street
- Columbia Heights
- Georgia Ave-Petworth
- Fort Totten
- West Hyattsville
- Prince George's Plaza
- College Park-U of Md
- Greenbelt

OR

New Carrollton



Largo Town Center

- L'Enfant Plaza
- Federal Center SW
- Capitol South
- Eastern Market
- Potomac Ave
- Stadium-Armory
- Benning Road
- Capitol Heights
- Addison Road
- Morgan Boulevard
- Largo Town Center
- Minnesota Ave
- Deanwood
- Cheverly
- Landover
- New Carrollton



Exit to D & 7th Streets



Exit to Maryland Ave & 7th Street



Greenbelt



Fort Totten



2013 - Silver Line Start-Up

