



Washington Metropolitan Area Transit Authority

RTSP

Presentation to the Technical Advisory Group

January 19, 2012

Appendix 1: Phase I Strategies



Base Case Definition

- MWCOG 2009 Adopted CLRP (2009 -2030 projects)
 - District of Columbia
 - Anacostia Streetcar Phase 1
 - K Street Busway
 - Maryland
 - Bus Enhancements: University Blvd and Views Mill Road
 - Corridor Cities Transitway: Shady Grove – COMSAT
 - Purple Line: Bethesda – New Carrollton
 - Virginia
 - Cherry Hill VRE Station
 - Columbia Pike Streetcar: Skyline – Pentagon City
 - Crystal City/Potomac Yard Transitway
 - I-495 HOT Lane Transit Service
 - Potomac Yard Metro Station
 - Silver Line to Loudoun County
- Round 7.2a Land Use
- Increase train frequencies to maximum supported by infrastructure
- Reallocate Orange/Silver/Blue line frequencies to serve demand
- Extend Silver Line to Largo
- Route Orange Line to New Carrollton
- Revise Blue Line on 14th Street Bridge to Yellow Line 2

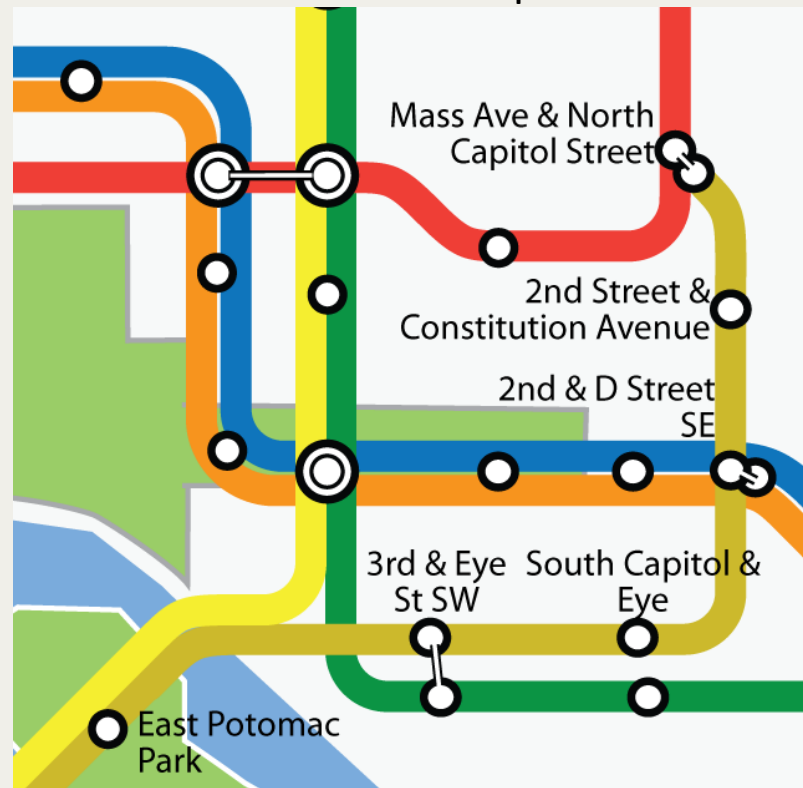


Metrorail: Separate Yellow and Green Lines

New Yellow Line on 10th Street NW, to Red Line

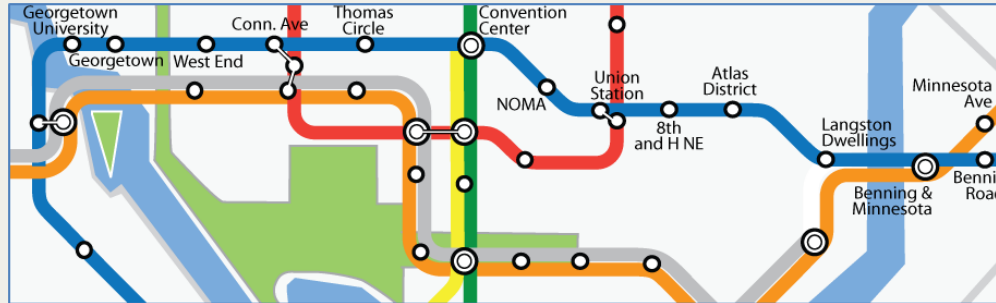


Split Yellow Line to maintain current alignment and add new line on 2nd Street SE/NE



New Yellow Line on 2nd Street SE/NE to Union Station, up North Capitol Street.

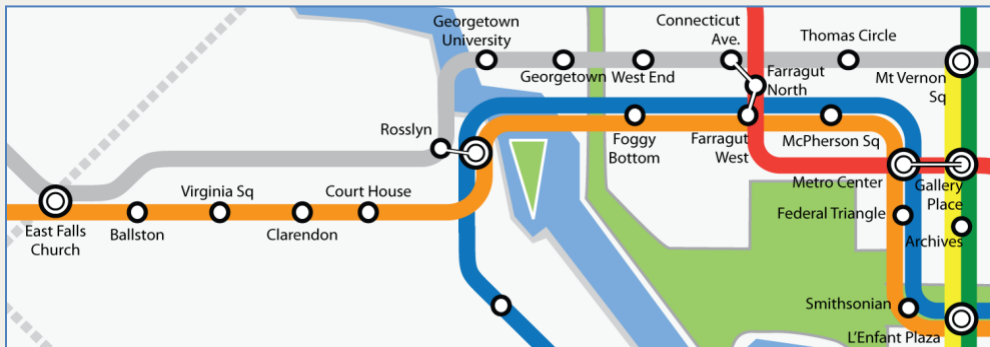
Metrorail: New Rosslyn Tunnel



New Blue Line along M Street, NW, and New Jersey Avenue, NW and H Street, NW/NE



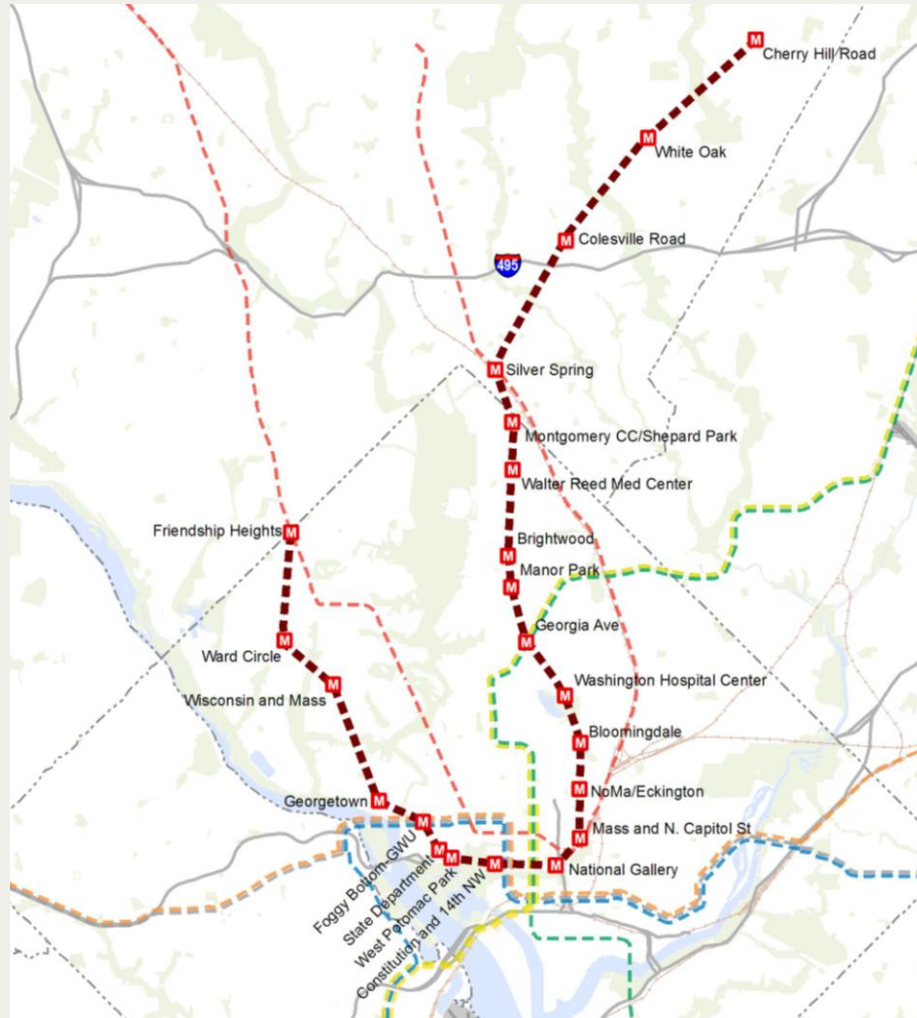
New Blue Line along M Street, NW, Constitution Avenue and H Street, NW/NE



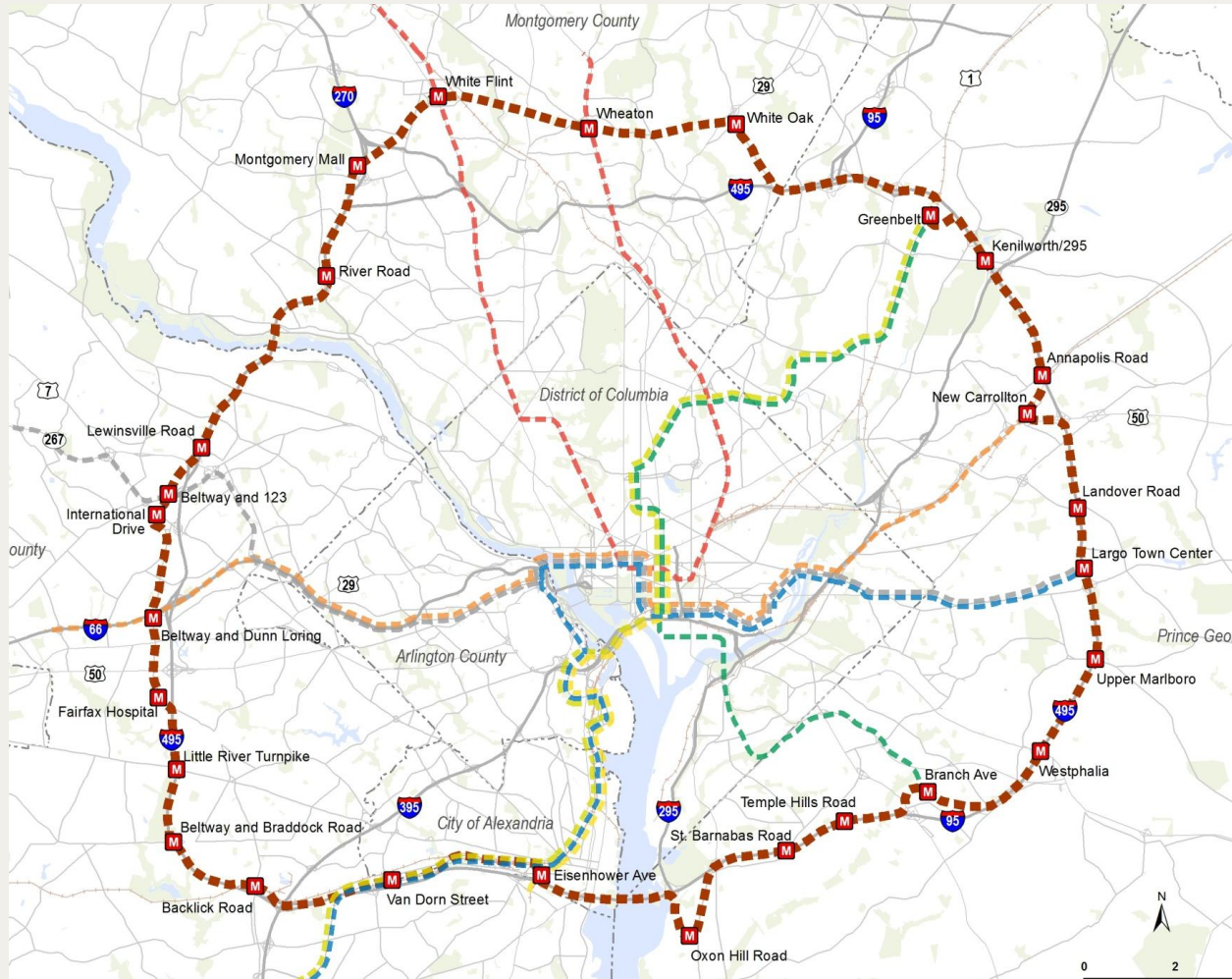
Relocated Silver Line with Ballston-Rosslyn Bypass

Metrorail: Brown Line

New Brown Line along Wisconsin Ave, Constitution, and Georgia Ave.

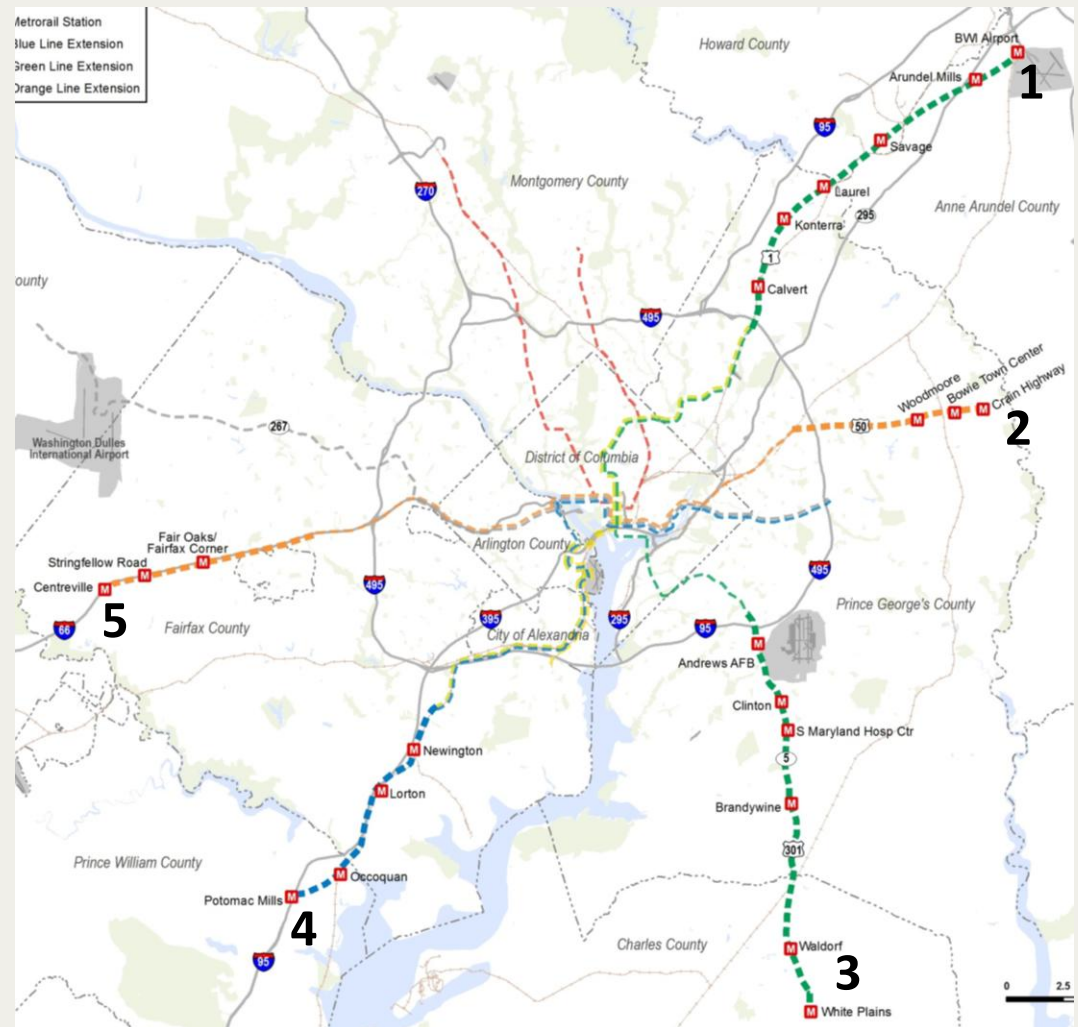


Metrorail: Beltway Line



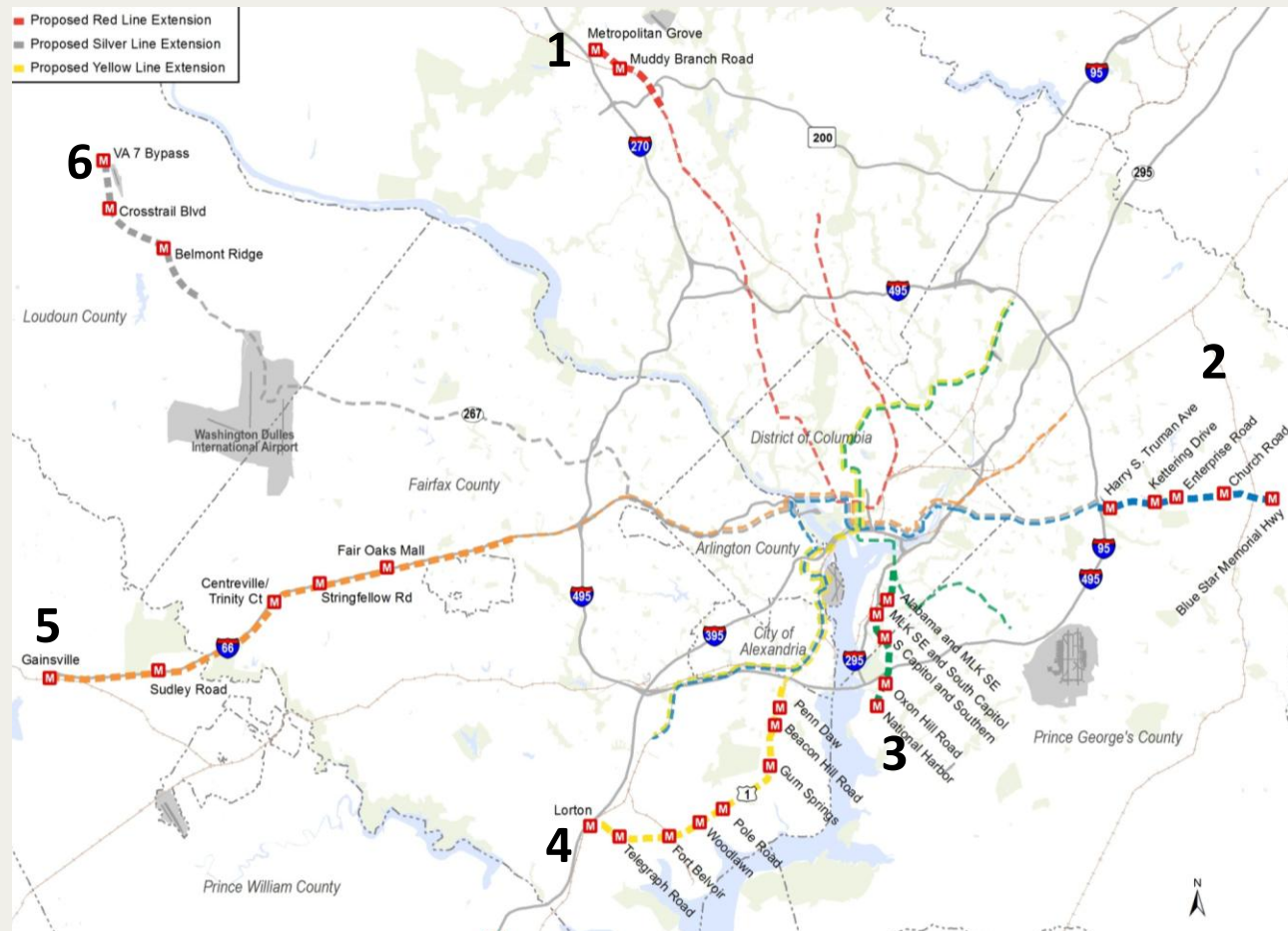
Metrorail: Extensions

1. Green Line to BWI
2. Orange Line to Bowie
3. Green Line to Charles County
4. Blue Line to Potomac Mills
5. Orange Line to Centreville



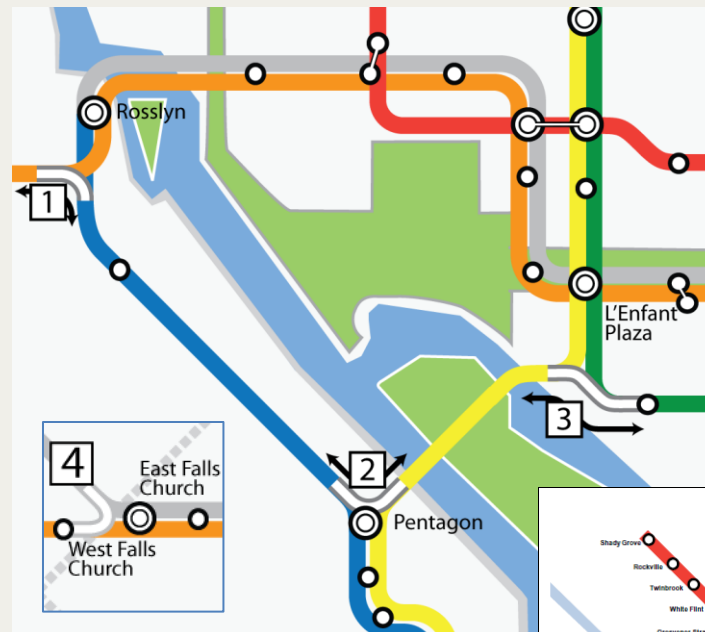
Metrorail: Extensions

1. Red Line to Metropolitan Grove
2. Blue Line to Bowie
3. Green Line to National Harbor
4. Yellow Line to Lorton
5. Orange Line to Gainesville
6. Silver Line to Leesburg



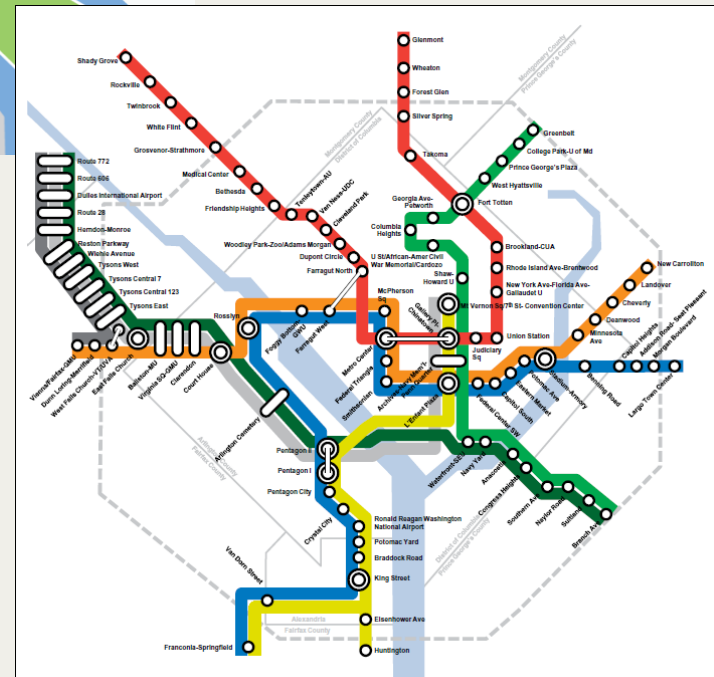
Metrorail: Interline Connections

1. Courthouse – Arlington Cemetery
2. Arlington Cemetery – L'Enfant Plaza
3. Pentagon – Waterfront SEIU
4. Orange and Silver at West Falls Church

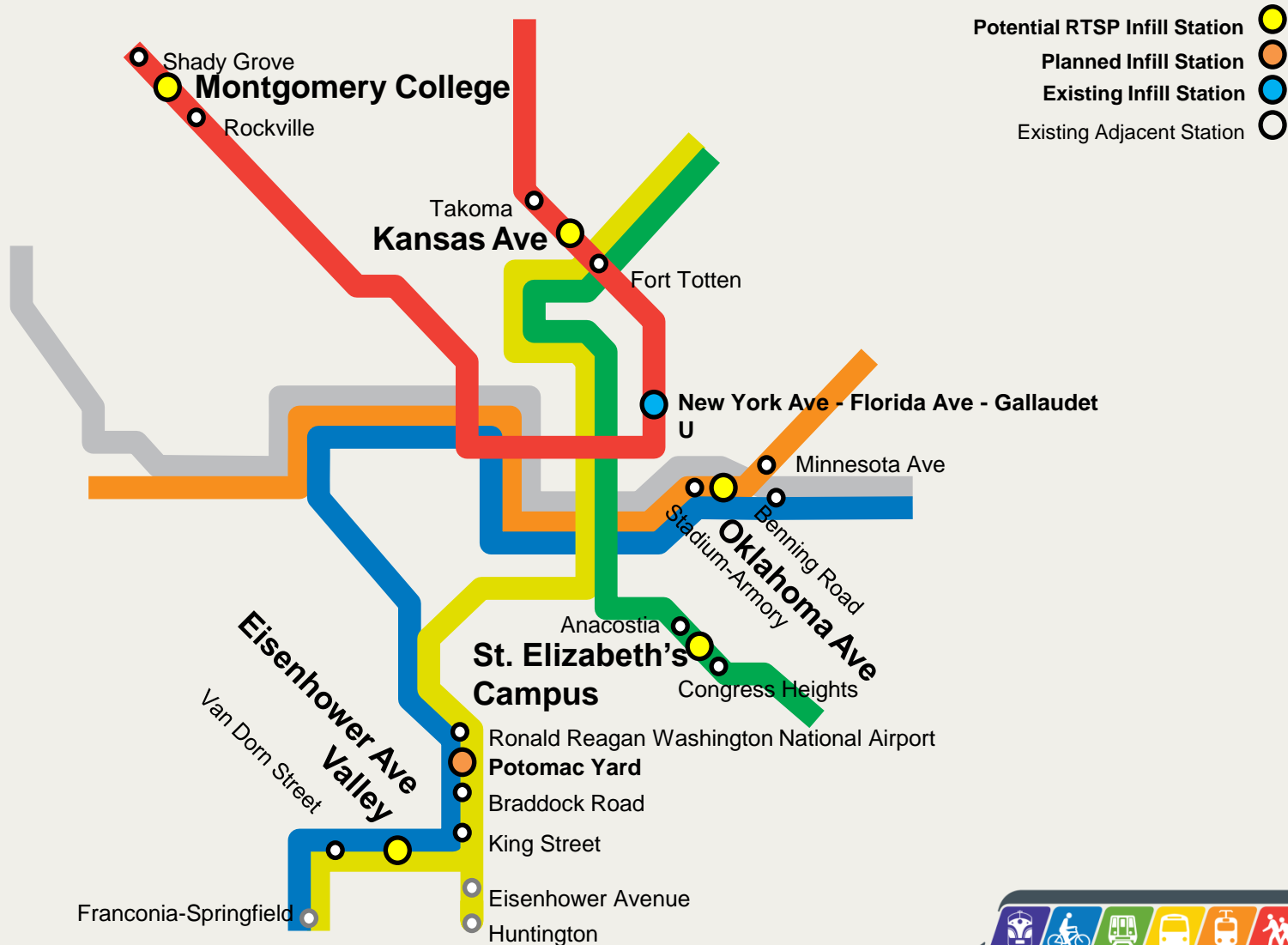


Three new rail services:

1. VA-772 to Mount Vernon Square using connectors 1 and 2 (Silver1)
2. Dulles to Branch Avenue using connectors 1, 2, and 3 (Green2)
3. Dulles to Vienna using connector 4 (Silver2)

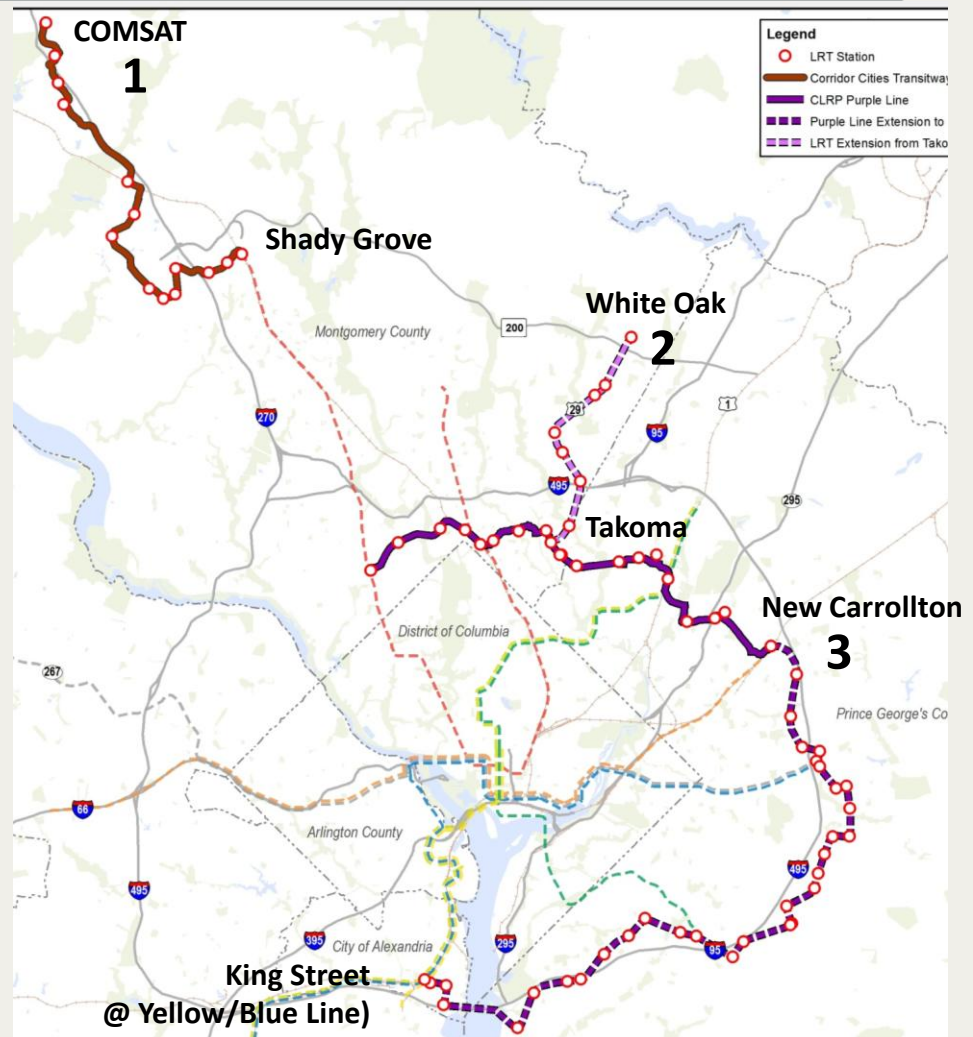


Infill Stations



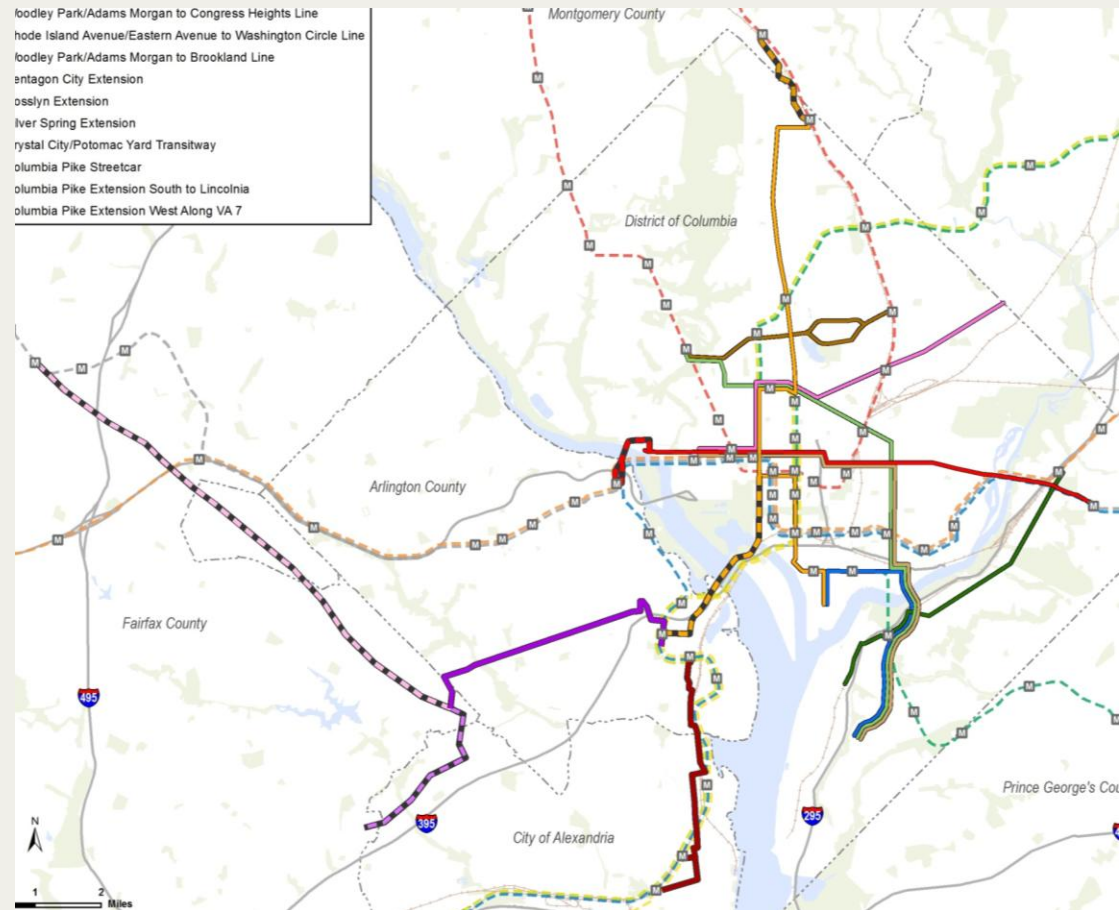
Light Rail

1. Corridor Cities Transitway Revision: Shady Grove – COMSAT
2. Purple Line Spur: Takoma – White Oak
3. Purple Line Extension: New Carrollton - Alexandria



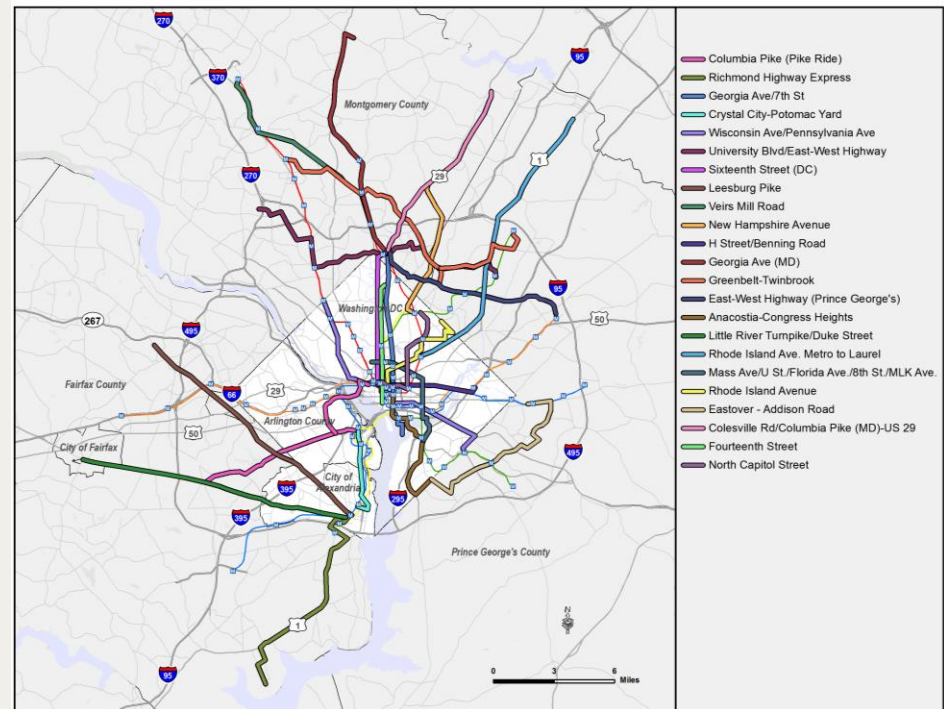
Streetcar

1. 37-mile District network
2. Connect
 - SW - Pentagon City
 - Georgetown – Rosslyn
 - Georgia Ave – Silver Spring
3. Extend
 - Columbia Pike – Lincolnia
 - Columbia Pike – Tysons
 - CCPY to King Street



Priority Corridor Network (PCN)

- Based on networks developed for Priority Corridor Network (PCN) study
 - New routes coded as a limited stop BRT mode
 - Improved running times for existing background bus service as per PCN
- PCN Routes operated at 10-minute peak and 15-minute off-peak frequency



Enhanced Priority Corridor Network

- Priority Corridor Network
- Montgomery BRT network
- NoVa BRT network
- Extend select PCN routes to core and new markets
- Interline PCN routes where possible
- Improve operations with off-board fare payment and express BRT
- Enhance commuter rail
 - Extend MARC to Crystal City
 - Extend VRE to Haymarket
 - Add bi-directional and off-peak service

