City of Alexandria, Virginia
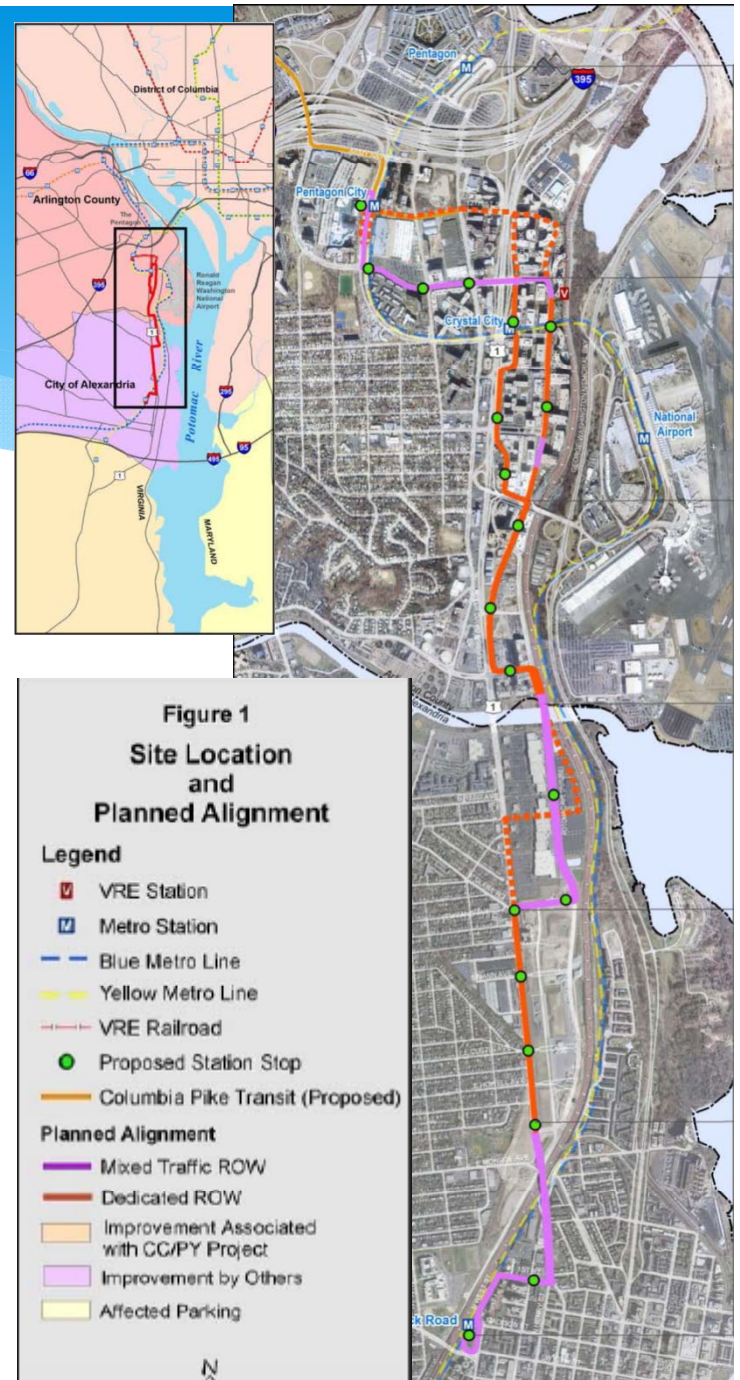
Crystal City – Potomac Yard (CCPY) Transitway

MWCOG Regional Bus Subcommittee Meeting
September 25, 2012

Overview

- 5-mile corridor from Pentagon City to Braddock Road Metrorail stations

- 30 platforms (stations) within the corridor

- Largely dedicated right-of-way

- Will be 1st BRT in region

- Will be first completed TIGER grant in region

- Slated to open December 2013/early 2014
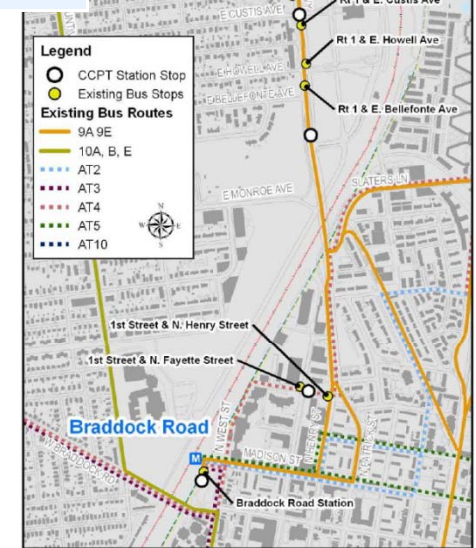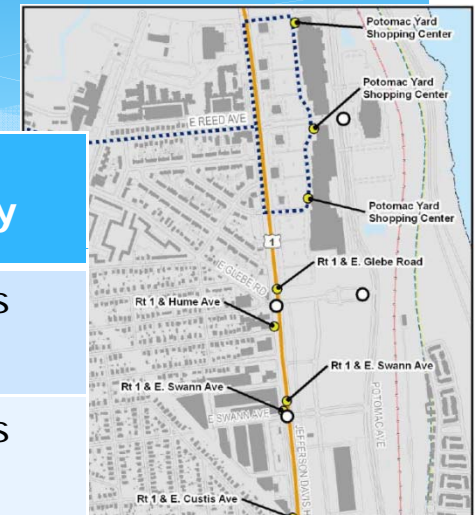
- Expected ridership – 3,570/daily by 2017

Figure 1
Site Location and Planned Alignment

Legend

V — VRE Station
M — Metro Station
- - - Blue Metro Line
- - - Yellow Metro Line
+-+ VRE Railroad
● Proposed Station Stop
— Columbia Pike Transit (Proposed)

Planned Alignment

— Mixed Traffic ROW
— Dedicated ROW
⬜ Improvement Associated with CC/PY Project
⬜ Improvement by Others
⬜ Affected Parking

WMATA Transitway Routes

Service Frequencies

Section	Lines	Peak Frequency	Off-peak Frequency	Weekend Frequency
Crystal City to Potomac Yard	9S, 9X	3-6 minutes 15 buses/hr	7.5 minutes 8 buses/hr	10 minutes 6 buses/hr
Pentagon City to Braddock Road	9X	12 minutes 5 buses/hr	15 minutes 4 buses/hr	20 minutes 3 buses/hr

Vehicle Requirements

Line	Total Vehicles	Existing Vehicles	New Vehicles
9S	6	6	0
9X	7	0	7

*Assumes 40% spare ratio to accommodate unique BRT fleet

3

Goals of project

- Minimize passenger queuing and vehicle dwell times at transit stops
- Allow for boarding and alighting at all doors
- Provide compatibility with SmarTrip and NEPP
- Minimize investment in SmarTrip

Approach

- Off-board fare payment with Proof-of-Payment system

- Passengers board all doors without showing tickets to operators

- Inspectors board vehicles or monitor station platforms periodically to inspect tickets

Amenities

- New Branded service for WMATA (Premium bus service
- Captive Fleet of BRT-Style Vehicles
- Off-Board Fare Collection
- Custom designed stations and shelters
- Real time bus data
- Enhanced pedestrian/user amenities

For more information on this project see:

www.ccpytransit.com

Or contact:

City of Alexandria – Susan Gygi
(susan.gygi@alexandriava.gov)

www.alexandriava.gov/potomacyard

Arlington County – Matthew Huston
(mhuston@arlingtonva.us)

http://sites.arlingtonva.us/ccpc/transit-improvements/crystal-city-potomac-yard-transitway/

THANK YOU

COMMENTS / QUESTIONS?