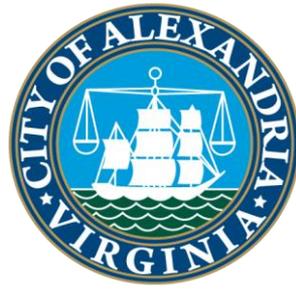


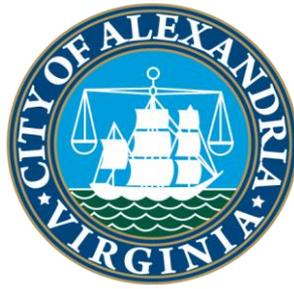
# **Transportation Commission**

July 22, 2015



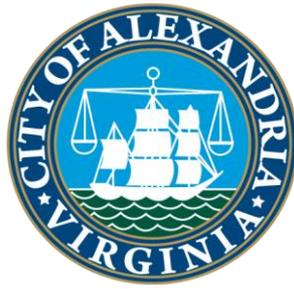
# **UPDATES TO RECEIVE**

Agenda Item #2



# **COMMISSION UPDATES**

Agenda Item #3



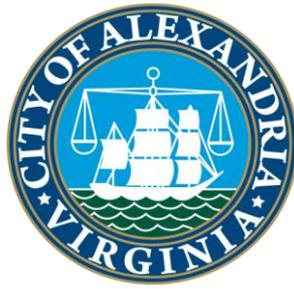
# **2016 GENERAL ASSEMBLY SESSION – LEGISLATIVE PROPOSALS**

Agenda Item #4



# Legislative Proposals

- 2016 General Assembly begins January 13 and ends March 12, 2016
- Legislative Director requesting input from Transportation Commission for Legislative Package
- Legislative Package proposals presented to Council on October 27 for their consideration
- Council Hearing on Legislative Package on November 14



# **TRANSPORTATION LONG RANGE PLAN PUBLIC HEARING**

Agenda Item #5



# Long Range Transportation Plan

- Goal for tonight is to hold a public hearing and approve the 2015 Transportation Long Range Plan



# Long Range Transportation Plan

*Unconstrained* list of transportation projects, programs and studies

1. Project List – capital projects which are not funded (prioritized by the Transportation Commission)
2. Program List (Removed in 2014)
3. Studies List



# Derivation of Long Range Plan projects

- Pedestrian and Bicycle Mobility Plan (to be updated with Pedestrian and Bicycle Master Plan)
- Transportation Master Plan
- Small Area Plans
- Special Area and Corridor Plans
- Studies / Plans from other departments



# 2015 Long Range Plan Process

1. April 15 – Staff provided an overview on the Long Range Plan process
2. May 11 – Long Range Plan subcommittee reviewed prioritization criteria; Staff provided TC overview of new project lists
3. Early Summer – Commissioners individually scored projects
4. June 17 – Overview of initial Commission ranking and additional Commission Input
5. July 22 – Public Hearing and Approval

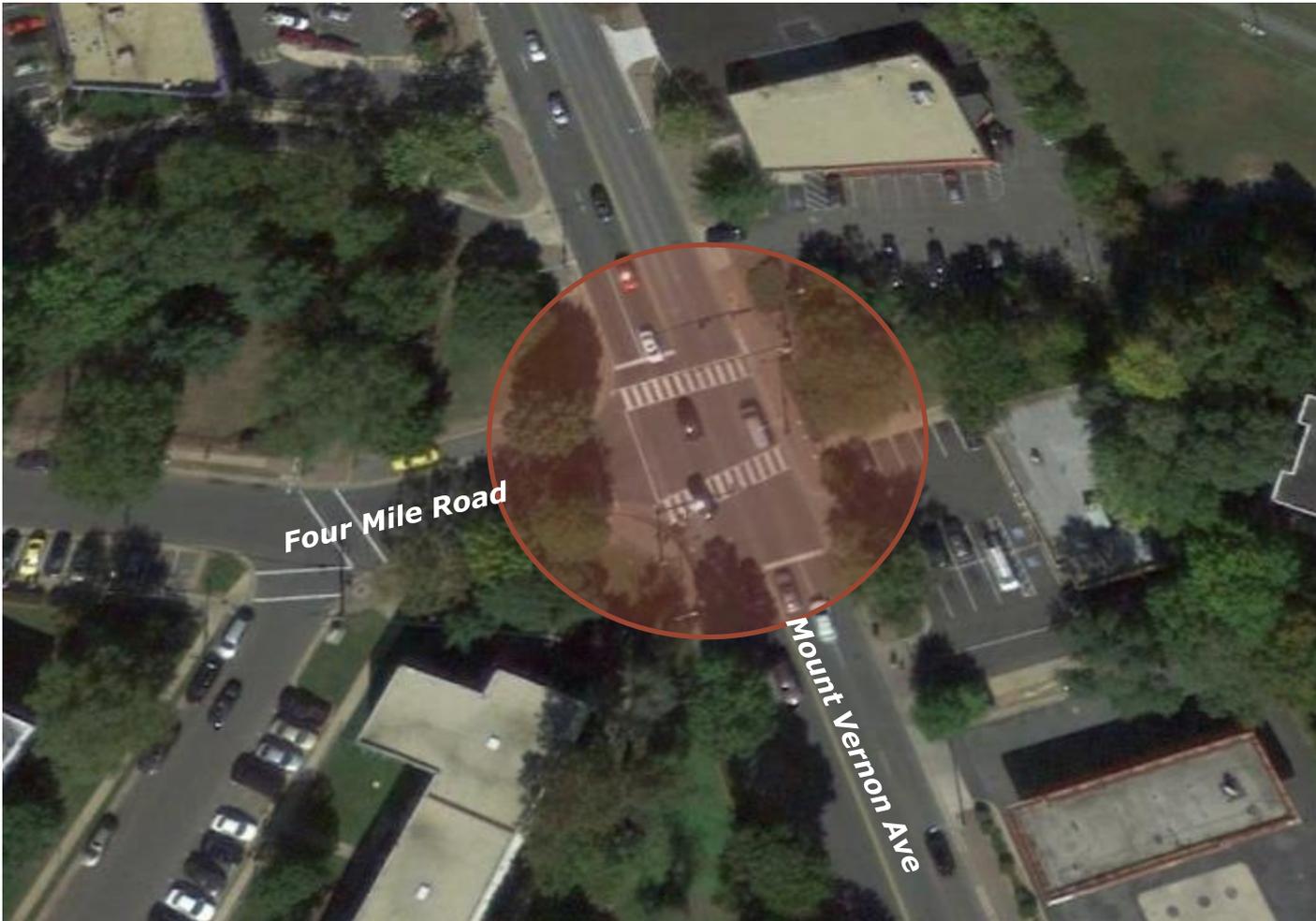


# Proposed Project Additions

- Mt. Vernon at Four Mile Road  
*(Previously on Programs list, and redefined based on Commission input)*
- Mt. Vernon at Russell Road *(Removed from FY 2016-2025 CIP)*
- DASH Bus expansion *(Removed from FY 2016-2025 CIP)*

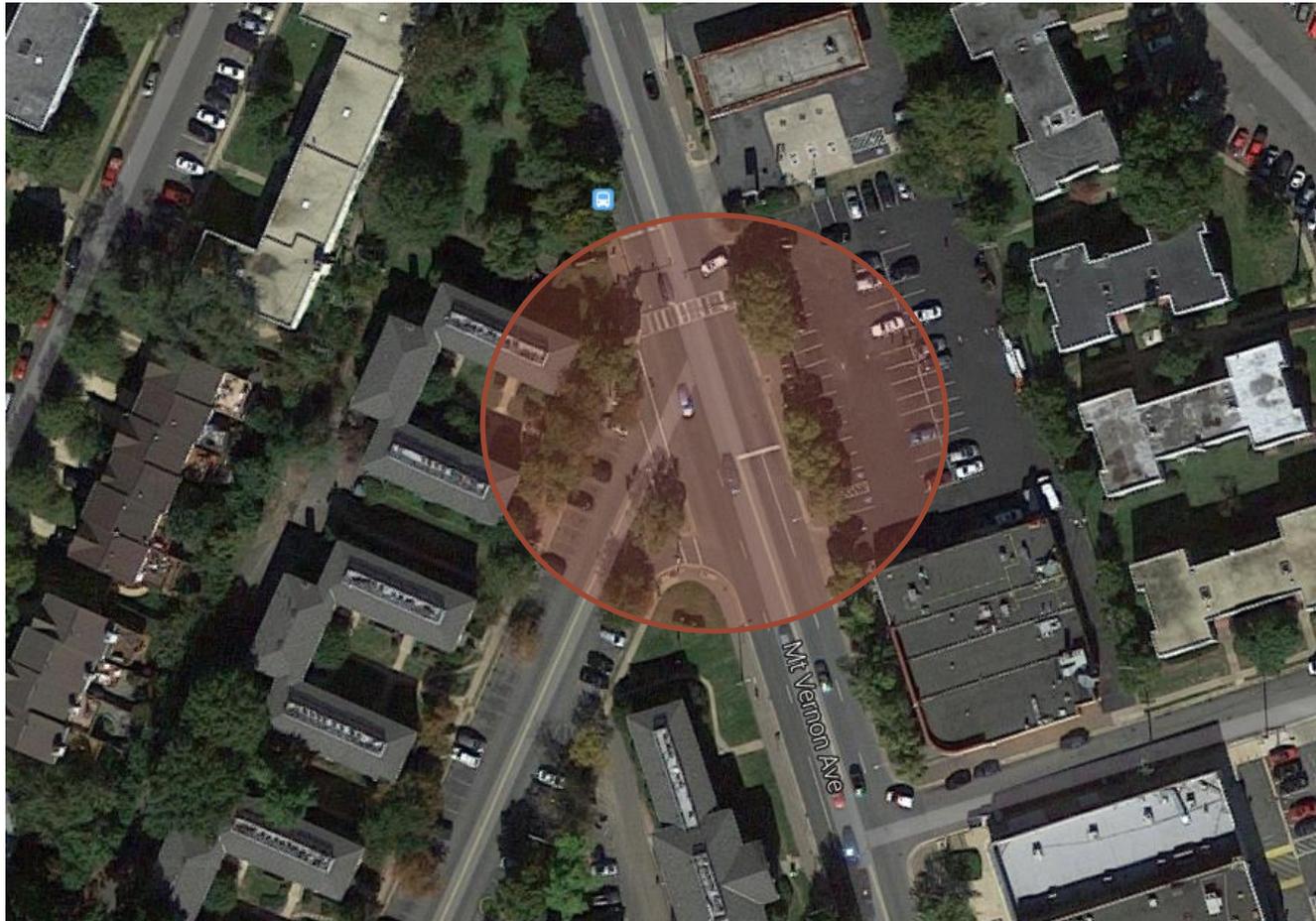
# New 2015 Project

## Mt. Vernon at Four Mile Road Intersection



# New 2015 Project

## Mt. Vernon at Russell Road Intersection



# New 2015 Project

## DASH Bus Expansion



# Proposed Project Deletions

- Prince Street / Cameron Street Bicycle facility (*Added to FY 2016-2025 CIP*)



# June 17 Commission Recommendations

- Move Mt. Vernon safety related projects up (to follow project ranking #4)
- Provide more information on the Quaker at Seminary / Janney's Lane project
- Redefine the West End Transit Shop project



# 2015 Revised Draft Commission Rankings

2014	2015	
1	<b>1</b>	Potomac Yard Intermodal Transit Center
<u>NEW</u>	<b>2</b>	<u>DASH Bus expansion</u>
5	<b>3</b>	Van Dorn Street bridge widening
2	<b>4</b>	Pedestrian/bicycle connection from Potomac Yard to Four Mile Run Trail
<u>NEW</u>	<b>5</b>	<u>Mt. Vernon Ave. at Russell Road improvements</u>
<u>NEW</u>	<b>6</b>	<u>Mt. Vernon at Four Mile Road</u>
4	<b>7</b>	Mt. Vernon Ave at Glebe Rd Intersection Improvements
3	<b>8</b>	Royal Street Bikeway
10*	<b>9</b>	Commonwealth Avenue Non-motorized bridge
15	<b>10</b>	Pedestrian improvements at King Street at waterfront
10*	<b>11</b>	Sanger Avenue Bridge
9	<b>12*</b>	Bradlee Transit Center
7*	<b>12*</b>	Van Dorn Circulator Service
12	<b>12*</b>	Eisenhower East Transit Circulator
16	<b>15</b>	Holmes Run Trail at Morgan Creek
7*	<b>16</b>	Corridor A Circulator transit service
13	<b>17</b>	Bicycle parking at waterfront
14	<b>18</b>	Library Lane extension
18	<b>19</b>	Edsall Road connector to Farrington Avenue and S. Pickett Street
21	<b>20</b>	I-395 Access to West End Town Center
19*	<b>21</b>	South Van Dorn Street improvements at City Limits
19*	<b>22</b>	Construct Elizabeth Lane extension

\* Denotes a Tied Score



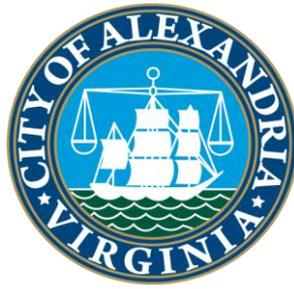
# 2015 Revised Draft Commission Rankings (Continued)

2014	2015	
17	<b>23</b>	West End Transit Shop
22*	<b>24</b>	Van Dorn at Braddock Road intersection improvements
24	<b>25</b>	Beauregard Street at West Braddock intersection improvements
22*	<b>26</b>	New Road to Four Mile Run Park
26	<b>27</b>	Clermont interchange with I-95 and connection to Eisenhower Avenue
25	<b>28</b>	Quaker Lane at Seminary Road/Janney's intersection improvement

\* Denotes a Tied Score

Thank You

**QUESTIONS?**



# **ALEXANDRIA TRANSIT DEVELOPMENT PLAN (TDP)**

Agenda Item #6



# TDP Overview

- Required by Virginia DRPT (Department of Rail and Public Transportation) in order to be eligible for Operating Assistance and Capital Grants
- TDP is a 6-Year policy document guiding all transit investments in Alexandria
  - WMATA, DASH, VRE, DOTS Paratransit

# TDP Overview

- Outlines capital and operating needs within fiscally constrained and unconstrained scenarios
- Updates to DRPT provided annually to track progress and provide relevant updates or changes

# TDP Recommendations

- Implement CIP projects
  - West End Transitway, PY Metro
- Continue to search for new funding opportunities to implement TDP
- As funding becomes available, implement service enhancements
  - Improved service frequencies
  - New circulators

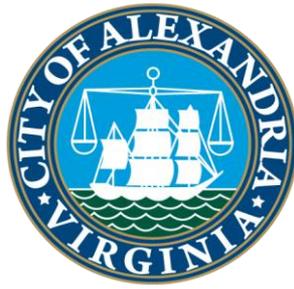
# Next Steps

- Receive feedback and comments from Transportation Commission
  - TDP will be presented to ATC Board in the Fall
- Incorporate comments from City Staff, DASH, WMATA, and Transportation Commission
- Summer / Fall 2015 - Request endorsement of the TDP from Transportation Commission and ATC Board



Thank You

**QUESTIONS?**

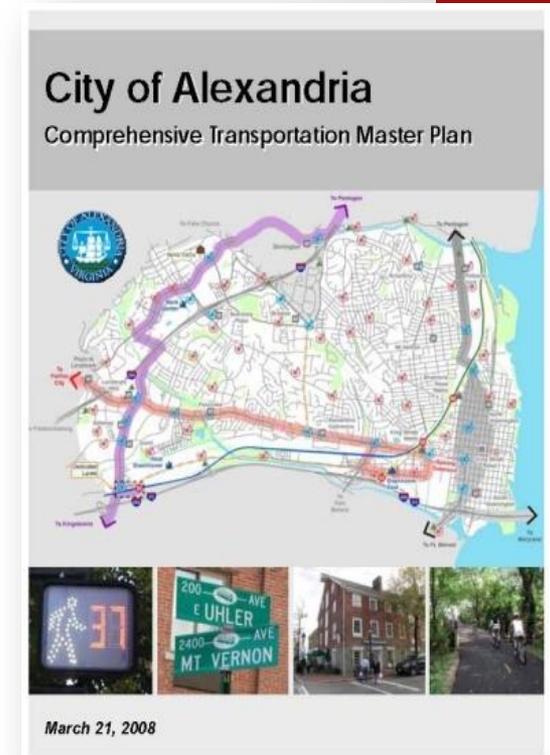


# **WEST END TRANSITWAY**

Agenda Item #7

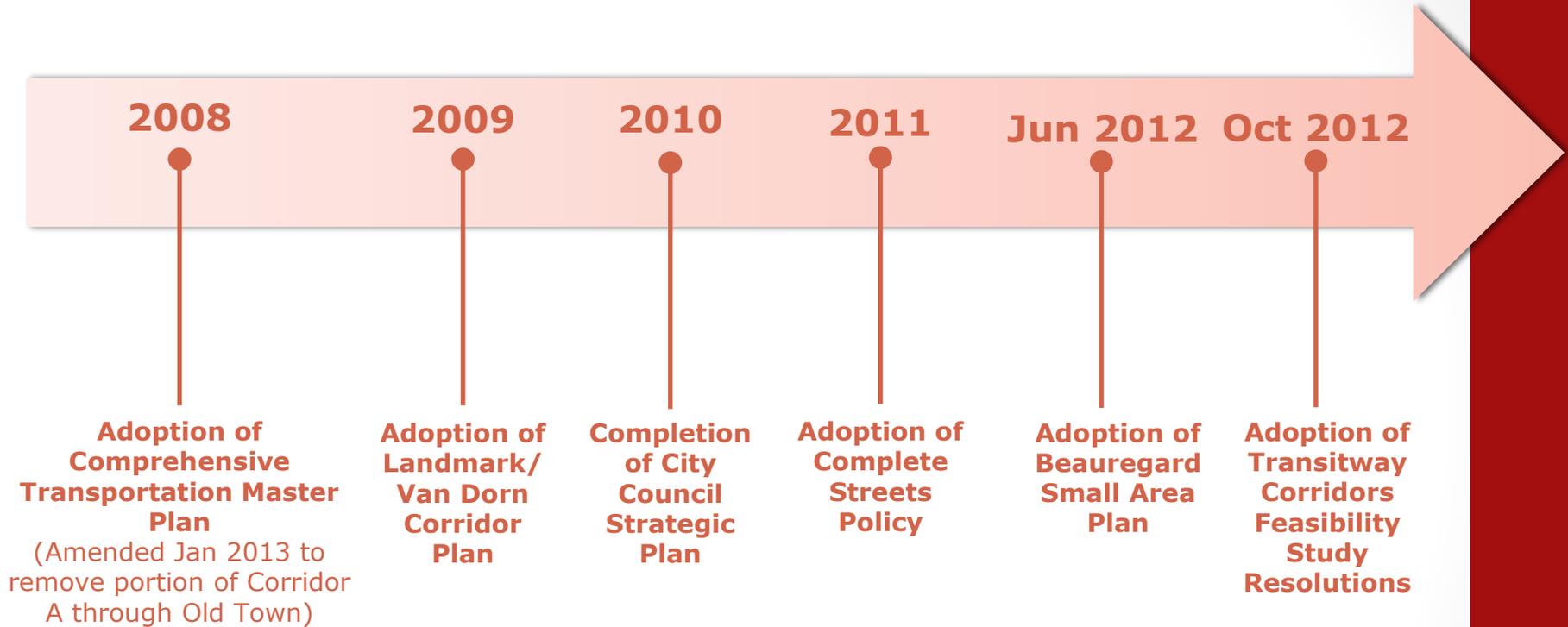
# How We Got Here

- **Comprehensive Transportation Master Plan** (*Prepared 2008, Amended January 2013*)
  - Van Dorn/Beauregard designated as Corridor C in the primary transit network
- **City Council Strategic Plan** (*2010*)
  - Direction to begin formal planning and engineering on Corridor C (Van Dorn/Beauregard)
- **Transitway Corridors Feasibility Study** (*2011*)
  - Resolutions of support from City Council, Transportation Commission, Planning Commission
- **Initiation of Alternatives Analysis and Environmental Assessment** (*2013*)
- **Continued regional support for West End Transitway**
  - NVTA
  - MWCOG CLRP





# City Policy Continuum

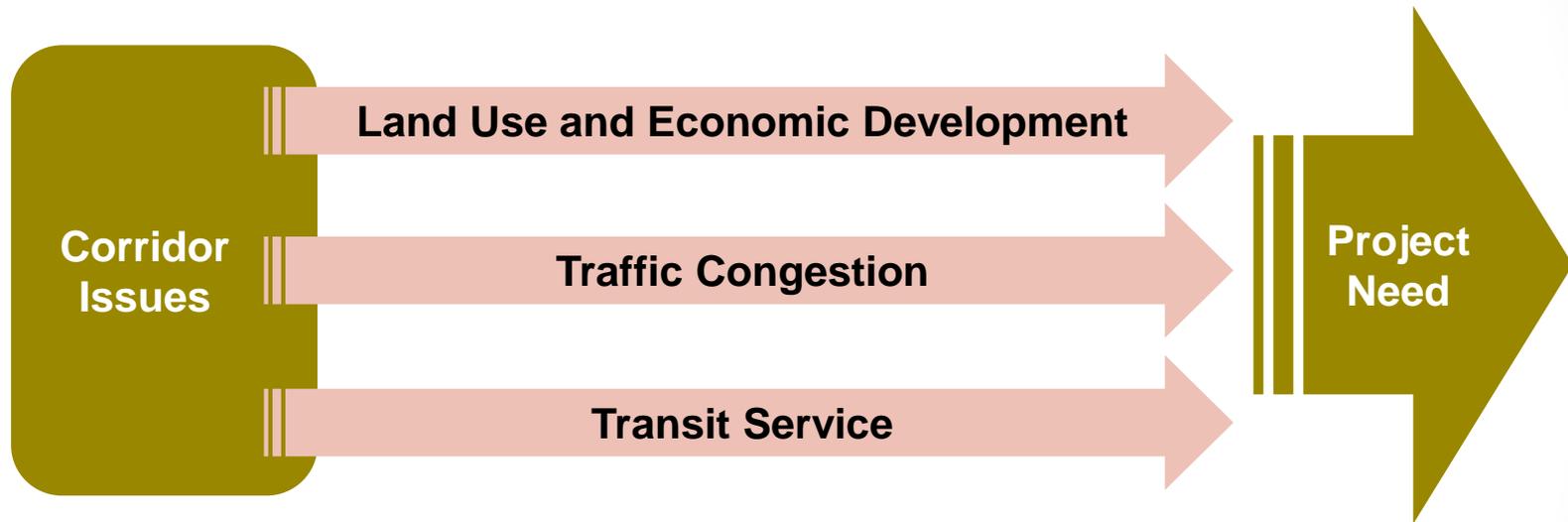


# Proposed Transitway Corridor

- Between Pentagon and Van Dorn Metrorail Station
- Seeking to offer:
  - Simple route structure
  - Frequent, all-day service
  - Quality facilities
  - Improved travel speed
  - Many non-transit improvements



# Project Purpose & Need





# Current Effort: Work Underway

*Further refinement of the transit project through environmental and engineering analyses*

- Alternatives Analysis (AA)
  - Evaluates three alternatives
  - Provides information on benefits, costs, and impacts
  - Seeks approval for a Locally Preferred Alternative (LPA)
- Environmental Document
  - Incorporates conceptual engineering
  - Documents potential effects of the transit project on things like transportation, social, economic, and environmental conditions
  - Identifies mitigation measures, as necessary



# Alternatives Being Studied

This is where currently adopted city policy takes the corridor in the years beyond this project's initial implementation





# Primary Goals of Current Work Underway

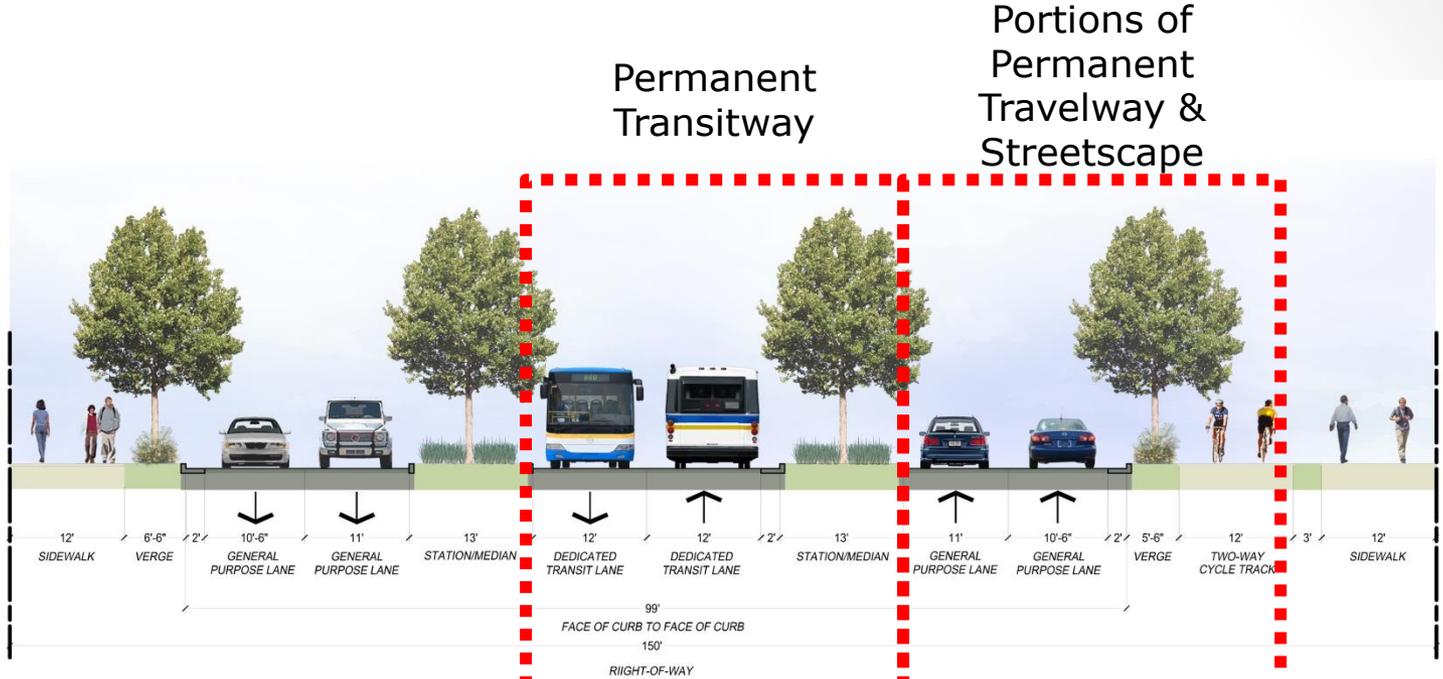
- Policy decision by the City: Adoption of a **Locally-Preferred Alternative** defining:
  - Transit technology
  - Route
  - Configuration
  - Refined planning-level project cost estimate
- Approved **environmental document**
  - Decision is made by Federal Transit Administration in cooperation with other supporting agencies
- *The current work underway will not result in a final engineering design, operating plan, phasing plan, or financial plan → those things come later.*

# Non-Motorized Facilities

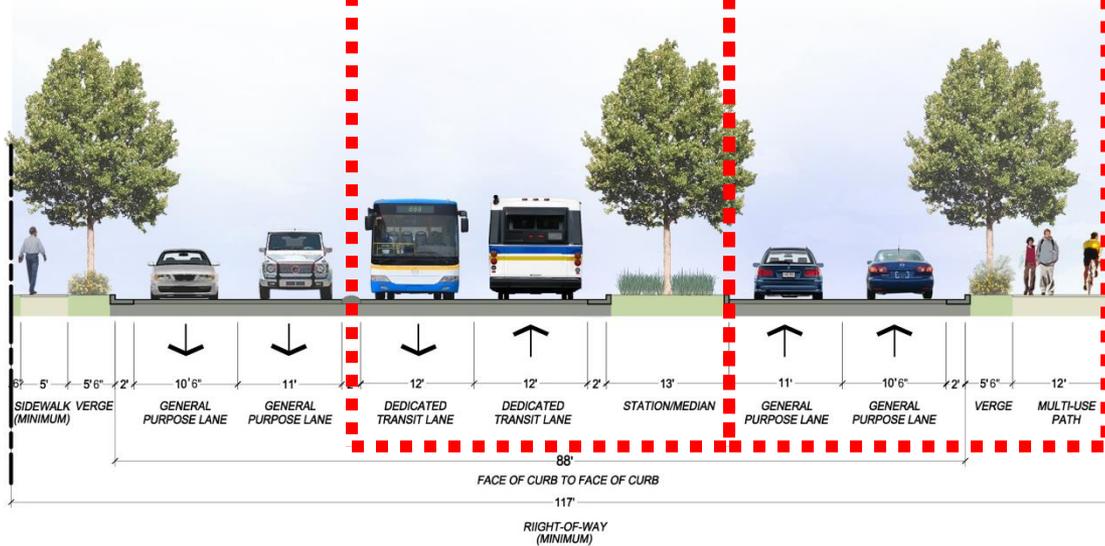
- Received feedback about bike and pedestrian safety concerns along Van Dorn
  - Increased multi-use path from 10' to 12' by taking 6" from each general purpose lane
  - Modifying multi-use path design at intersections to improve safety and visibility
    - In the process of making changes to Conceptual Engineering documents.

# South Van Dorn Street – Cross Section

**Mature  
Corridor**



**Build  
Alternative**





# Adopted West End Transitway Resolution (2012) and Follow-up

**Alternative D (Bus Rapid Transit) is the preferred alternative for phased implementation of transit in dedicated lanes in Corridor C until such time as Alternative G (Streetcar/Rail) becomes feasible and can be implemented. This course of action is consistent with the Council's recent decision to provide dedicated lane transit along the segment of Corridor A that is north of Braddock Road. Evaluation and analysis will continue of Alternative D in preparation for future implementation of Alternative G.**

Caveats	Action Taken	Build Alternative Recommendation	Caveat Addressed
<b>The alignment be optimized to better serve the Northern Virginia Community College (NVCC)</b>	Evaluated multiple station location and alignment alternatives	To enhance access to NVCC, project includes: <ul style="list-style-type: none"><li>- Pedestrian safety/accommodation enhancements at Braddock Road</li><li>- Stations at Filmore and Braddock</li><li>- No preclusion for future service to campus</li></ul>	
<b>Transportation Commission identify decision criteria and monitor the transition from Alternative D to Alternative G and report progress to Council</b>	No action required at this time by the current project	Transportation Commission to discuss when appropriate	No Action Required at this Time

Key Item	Action Taken	Build Alternative Outcome	Item Addressed
<b>Provide Adequate Bicycle Accommodation on S. Van Dorn Street</b>	Multiple alternatives evaluated	<ul style="list-style-type: none"> <li>Selected cross-sectional alternative with multiuse path along one side where corridor is modified</li> <li>Updated layout to best address comments received (path width, intersection/driveway-related features)</li> </ul>	✓
<b>Minimize Parking/Property Impacts on Van Dorn Street near Sanger Avenue</b>	Multiple alternatives evaluated	<ul style="list-style-type: none"> <li>Select alternative that reduces parking/property impacts from 33 spaces lost to 3 spaces lost. Land owner (JBG) supports this alternative as does the community.</li> </ul>	✓
<b>Minimize Right-of-Way/Property Impacts along S. Van Dorn Street</b>	Multiple alternatives evaluated	<ul style="list-style-type: none"> <li>Establish future policy ROW line</li> <li>Phased cross section implementation establishing location of permanent transitway and providing minimum adequate bike/ped accommodations through corridor constrictions</li> <li>Require redevelopment/development to build/provide funds for/ construct full cross section consistent with adopted plans (policies)</li> </ul>	✓
<b>Minimize residential use parking impacts (overall)</b>	Adjusted alignment and cross section	<ul style="list-style-type: none"> <li>Reduced impacts along Van Dorn street (vicinity of Stevenson) and along Beauregard Street</li> </ul>	✓
<b>Establish Landmark Mall-related Alignment</b>	Multiple alternatives evaluated	<ul style="list-style-type: none"> <li>Turn alignment into the mall and connect to the transit center</li> <li>Locate station at transit center</li> </ul>	✓
<b>Confirm that Van Dorn Metrorail Station has Adequate Bus Capacity</b>	Worked with WMATA on station capacity for buses	<ul style="list-style-type: none"> <li>Stop buses within Metrorail station bus facility</li> <li>Confirmed that station can support transitway buses</li> </ul>	✓
<b>Stormwater Compliance of Project</b>	Assessed project's ability to meet current requirements	<ul style="list-style-type: none"> <li>Mange stormwater within ROW</li> <li>May also afford the city stormwater management credits (will need future confirmation)</li> </ul>	✓
<b>Match Beauregard Plan SAP adopted interim ROW</b>	Adjusted corridor layout/alignment	<ul style="list-style-type: none"> <li>Match SAP interim ROW</li> </ul>	✓

# Ongoing Technical Work Items to Complete

- Refining transit operations plan
- Refining capital and operating cost estimates
- Finalizing conceptual engineering plans as a part of the environmental document  
Finishing addressing bicycle accommodation
- Environmental document submittal to City and FTA
- Revising/updating overall project documentation

# Upcoming Coordination Planned

- Project Advisory Group (PAG)
  - Reporting out on remaining technical work items (bicycle accommodations, service plan, costs, environmental findings)
  - Identifying a prospective LPA and drafting a resolution
- Additional public outreach
- Preparation for coordination and meetings with committees, commissions and Council



## Future Project Development Steps, *Beyond the Current Work Underway*

- Phasing considerations of the LPA to align with available funding
- Detailed financial plan
- Final decision on project delivery method (design-build, design-bid-build, hybrid, other)
- Additional engineering to make-ready for delivery method
- Project development support
- Construction
- Testing & initiation
- Operation



Thank You

**QUESTIONS?**