

# Transportation Commission

October 19, 2022

7PM

City Council Workroom and Electronic



# Notice

The October 19 meeting of the Transportation Commission is being held in the City Council Workroom on the second floor of City Hall (301 King Street, Alexandria, Virginia, 22314) and electronically. Members of Transportation Commission and staff are participating either in-person or from a remote location through video conference call on Zoom.



# Commission Members

- **Oleksandr Faryga** – Environmental Policy Commission
- **Oscar Gonzalez** – Resident East, High School Project
- **Casey Kane** – Traffic and Parking Board, Eisenhower West/Landmark/Van Dorn Advisory Group, Ad Hoc Duke Street Transitway Committee
- **Jody Manor**- Planning Commission
- **Bruce Marsh** –Resident East, Potomac Yard Metro Implementation Working Group
- **Jim Maslanka**– Resident West
- **Melissa McMahon** – Planning Commission
- **Matthew McManus** – Resident West
- **Murat Omay** – DASH
- **Kirk McPike** – Council (non-voting)
- **Charles Sumpter** on behalf of **John Chapman** – Council (non-voting)



# Public Comment Period

Agenda Item #1



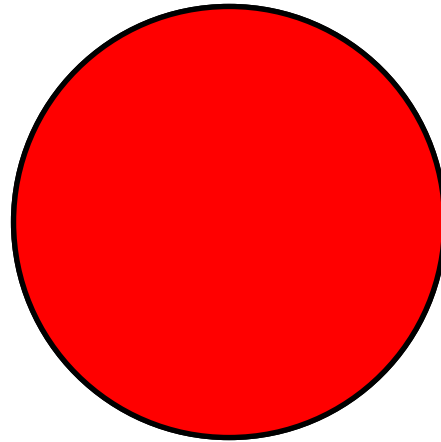
# Public Comment

- For speakers not discussing items related to the public hearings.
- For virtual attendees:
  - Raise hand or press \*9
  - Mute or unmute press \*6
  - 3 minutes per speaker



## 3 Minute Timer

*Announcement will sound automatically when time is up*



# Transportation Commission Minutes: September 21, 2022

Agenda Item #2



# Complete Streets Comprehensive Update

Agenda Item #3





# Complete Streets Update



Safe Routes to School



Multi-Use Trails



Vision Zero



# Safe Routes to School

**250**

Infrastructure recommendations across 13 elementary and K-8 schools

**134**

Recommendations are complete or in progress

**116**

Remaining recommendations. Increasingly complex and/or costly.



# Safe Routes to School

## Recently Completed

Rayburn-Reading  
Complete Streets  
Project

## In Progress

SRTS Walk Audits  
Phase 2

Curb Extensions  
Near Schools

Polk Avenue  
Sidewalk

## Upcoming

William Ramsay  
Elementary SRTS  
Project

Additional Spot  
Improvements







# Rayburn-Reading Avenues Project

- ✓ 10 new or upgraded crosswalks
- ✓ 5 median refuges

- ✓ 2 key sidewalk connections
- ✓ 17 ADA improvements



# Multi-Use Trails

## In Progress

Old Cameron Run Trail

North Beauregard Street  
Multi-Use Trail

Mount Vernon Trail  
Improvements at E Abingdon

Holmes Run Trail Repairs

Four Mile Run Bridge

## Upcoming

Pavement Condition  
Assessment

Mount Vernon Trail  
Improvements





# Old Cameron Run Trail



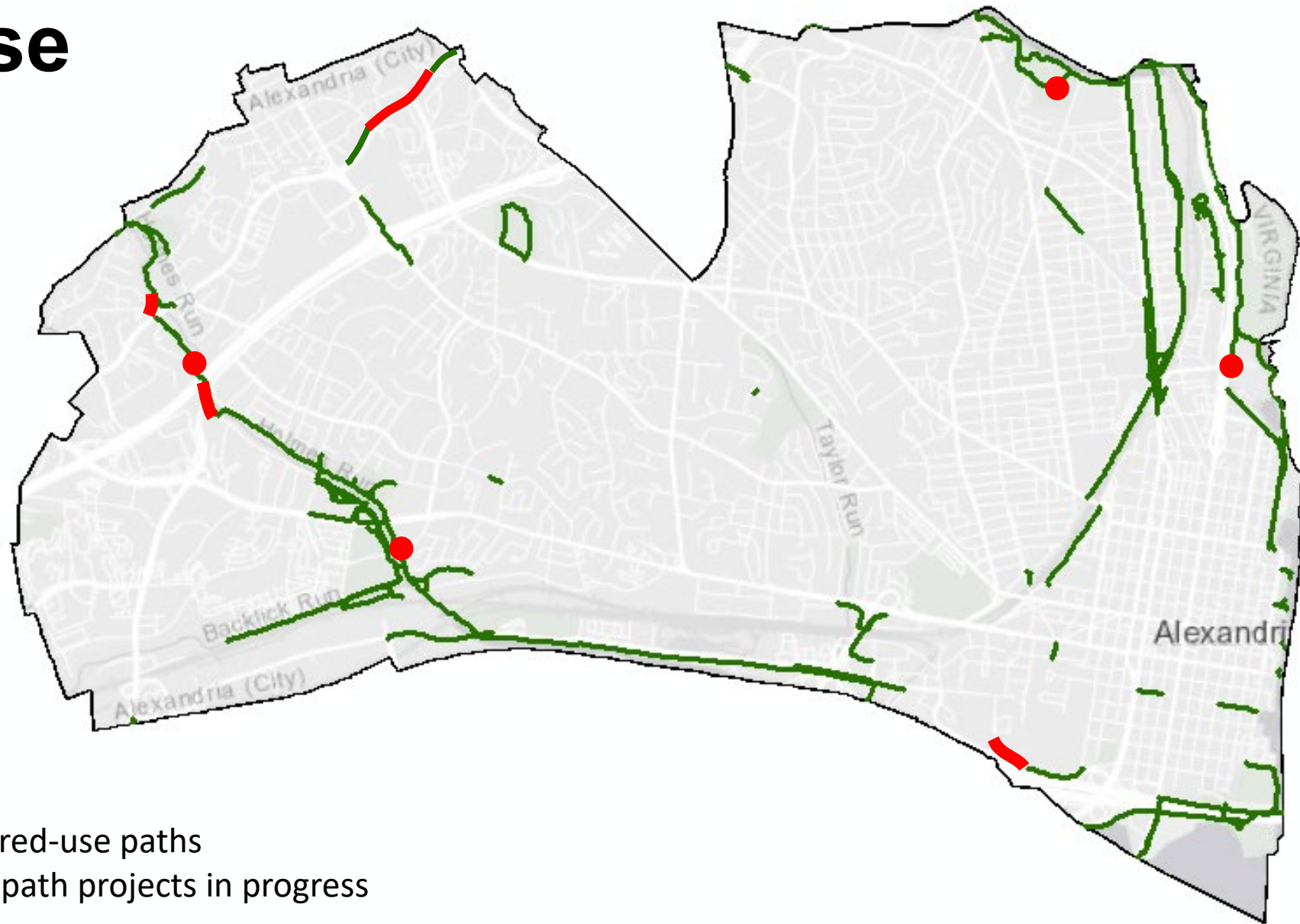
# North Beauregard Street Multi-Use Trail







# Multi-Use Trails

*In Progress*



**Legend:**

-  Existing shared-use paths
-  Shared-use path projects in progress



# Vision Zero

## In Progress

Automated Speed Enforcement

Speed Limit Reductions

Neighborhood Slow Zone Pilot

Duke Street Turn Calming

## Upcoming

High Crash Intersection Audits

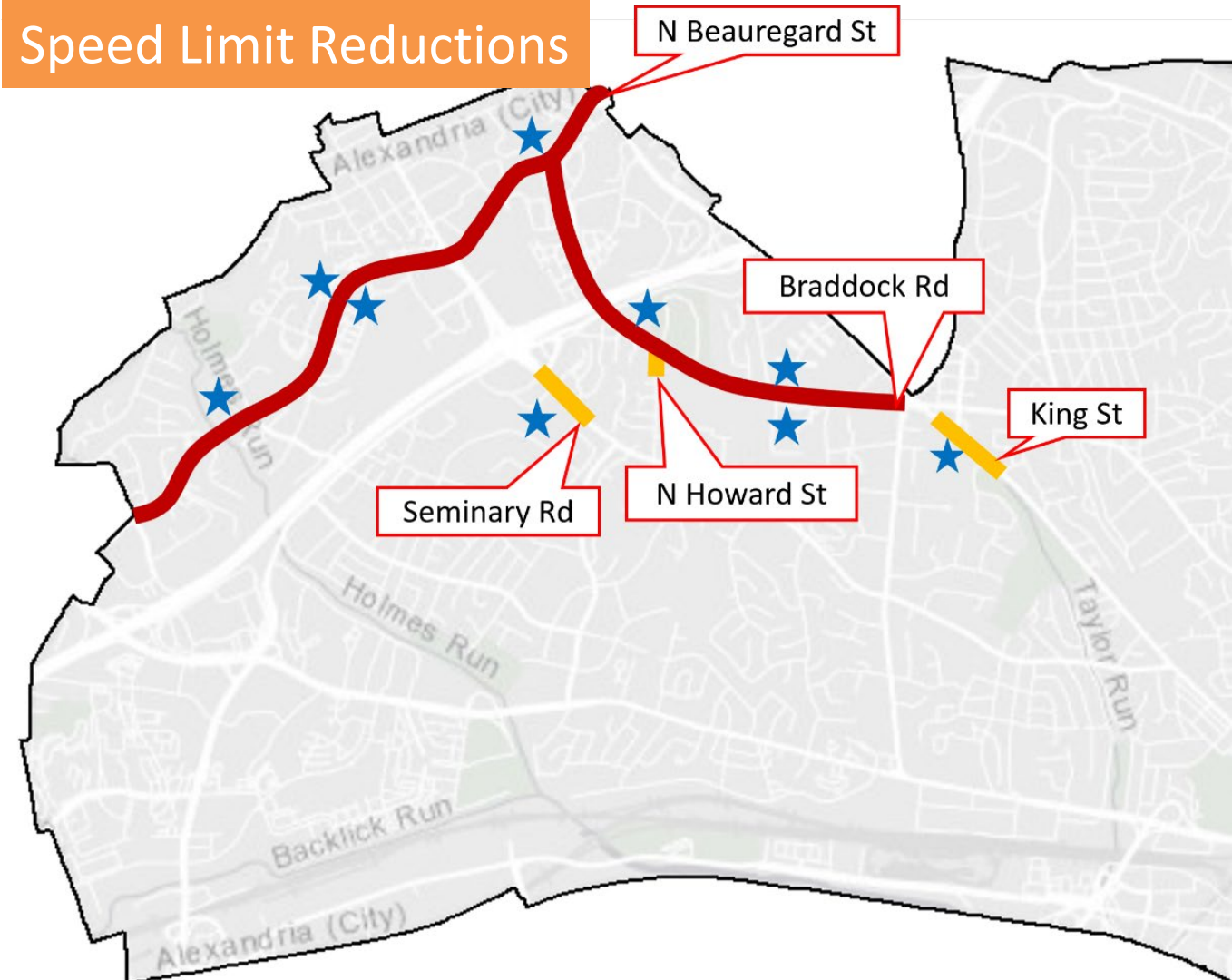




# Vision Zero






Turn Calming Example



## Speed Limit Reductions

### Legend:

-  Proposed Speed Limit & School Zone Speed Limit Reduction
-  Proposed School Zone Speed Limit Reduction Only
-  Schools

# Looking Ahead

Fall 2023:

- Vision Zero Annual Report (FY23)
- Next Complete Streets Program Update



Thank you!  
Questions?



# Duke Street in Motion Recommendations

Agenda Item #4



# DUKE STREET *IN MOTION*

## Transportation Commission Discussion

October 2022



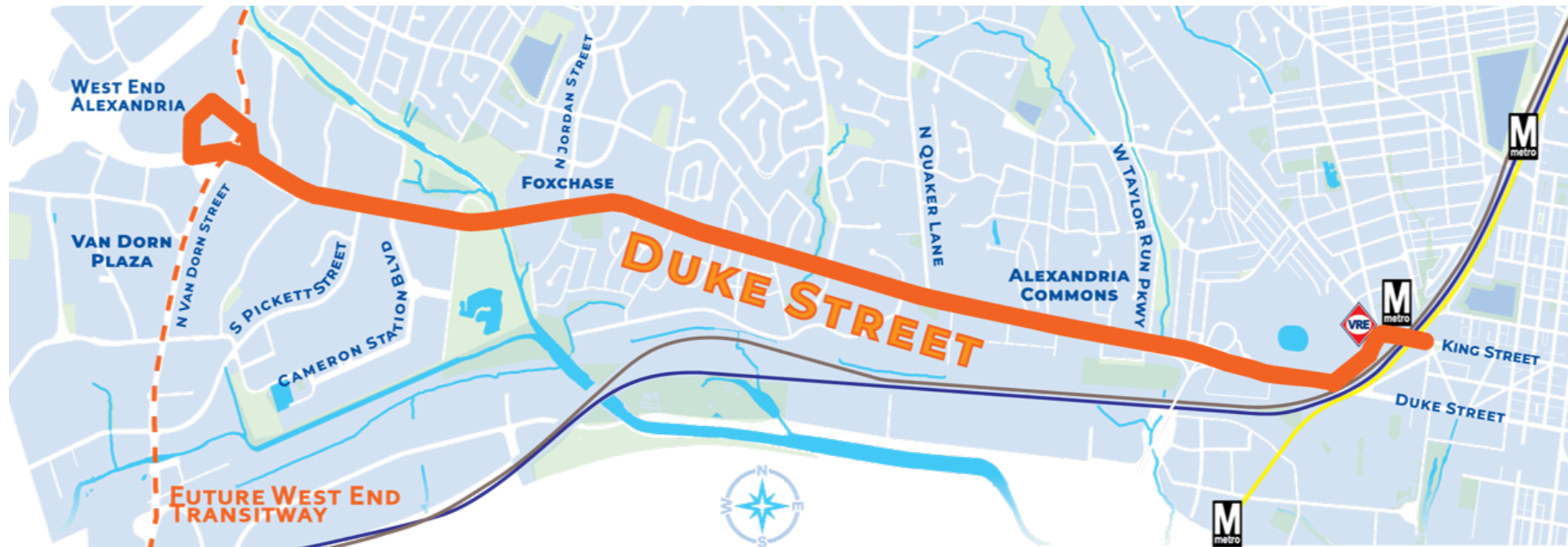
[alexandriava.gov/DukeInMotion](http://alexandriava.gov/DukeInMotion)

This project is funded with Northern Virginia Transportation Authority (NVTA) regional revenues.

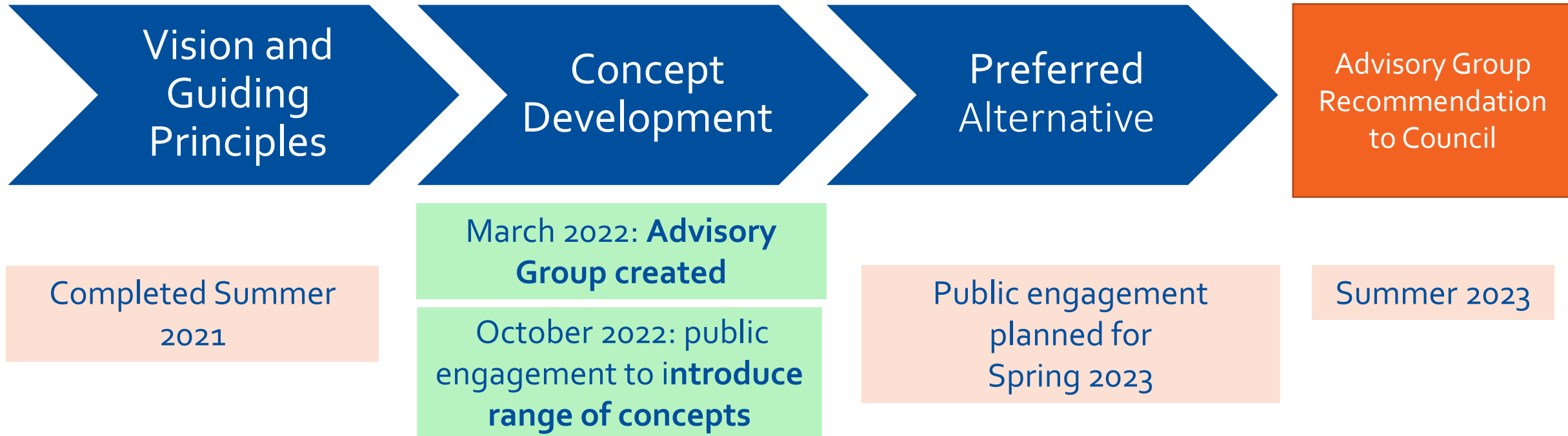


# What is “Duke Street *In Motion*”?

**Duke Street *IN MOTION*** is a project focused on ensuring that transit improvements in the Duke Street corridor, from Landmark Mall to the King Street Metro Station, provide efficient transportation options that align with all users’ needs, wants, and expectations.



# Duke Street in Motion Process





**What do you see in Duke Street's future?**

**How do you want to get around?**

# Phase 1 Community Engagement

(June 21-July 31, 2021)



**1,785** feedback form responses



**3,587** project handouts



**6,393** received eNews blast



**95,889** reached on social media



**22** community pop-up events (2,552 people reached)



**92** webinar attendees



# Community Input in Phase 1



**88%**

Want to see reduced traffic



**47%**

Would ride or would consider riding the bus more often with improvements



**55%**

Want to see improved safety

A full summary is available at [alexandriava.gov/DukeInMotion](https://alexandriava.gov/DukeInMotion)

# Project Vision

This project will provide an **efficient and desirable bus rapid transit (BRT) option** along Duke Street **by improving the transit experience** for current and potential riders.

With multimodal enhancements to the corridor, Duke Street will become a **safe, efficient, and desirable community connector** for people riding the **bus, walking, biking, and driving.**

# Project Guiding Principles



## Convenient

Make bus travel more predictable, frequent, and comfortable



## Efficient

Improve mobility for all Duke Street travelers



## Equitable

Use enhanced bus transit to support equitable access for a diversity of people and places



## Safe

Ensure safety and accessibility for those connecting to and riding the bus, as well as other travelers



## Vibrant

Create and enhance thriving and future corridor destinations that improve resident quality of life and boost the local economy



## Sustainable

Contribute positively to the environment, now and in the future

# Engagement Phases





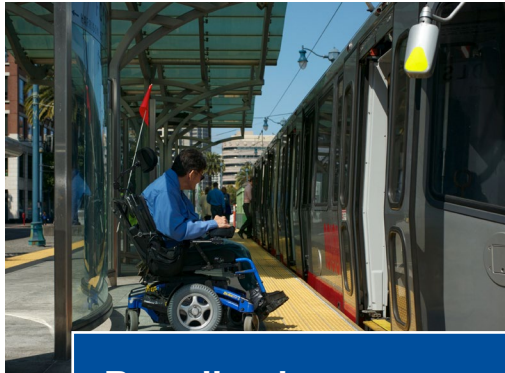
# Why Bus Rapid Transit on Duke Street?



# What is Bus Rapid Transit (BRT)?

Buses that run more like trains

SFMTA (NACTO)

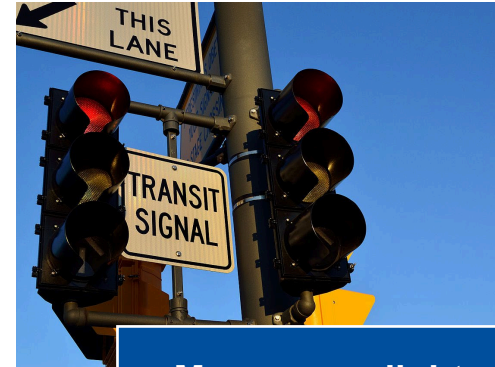


Boarding improvements

The Vine (Steve Morgan, Wikipedia)



Frequent service



More green lights

NACTO



Queue jump lanes

GRTC Pulse (BeyondDC, Flickr)



Station amenities

1 Street bus lane (BeyondDC, Flickr)



Bus lanes

Metroway (BeyondDC, Flickr)



Fully separated bus lanes

# Why BRT on Duke Street?

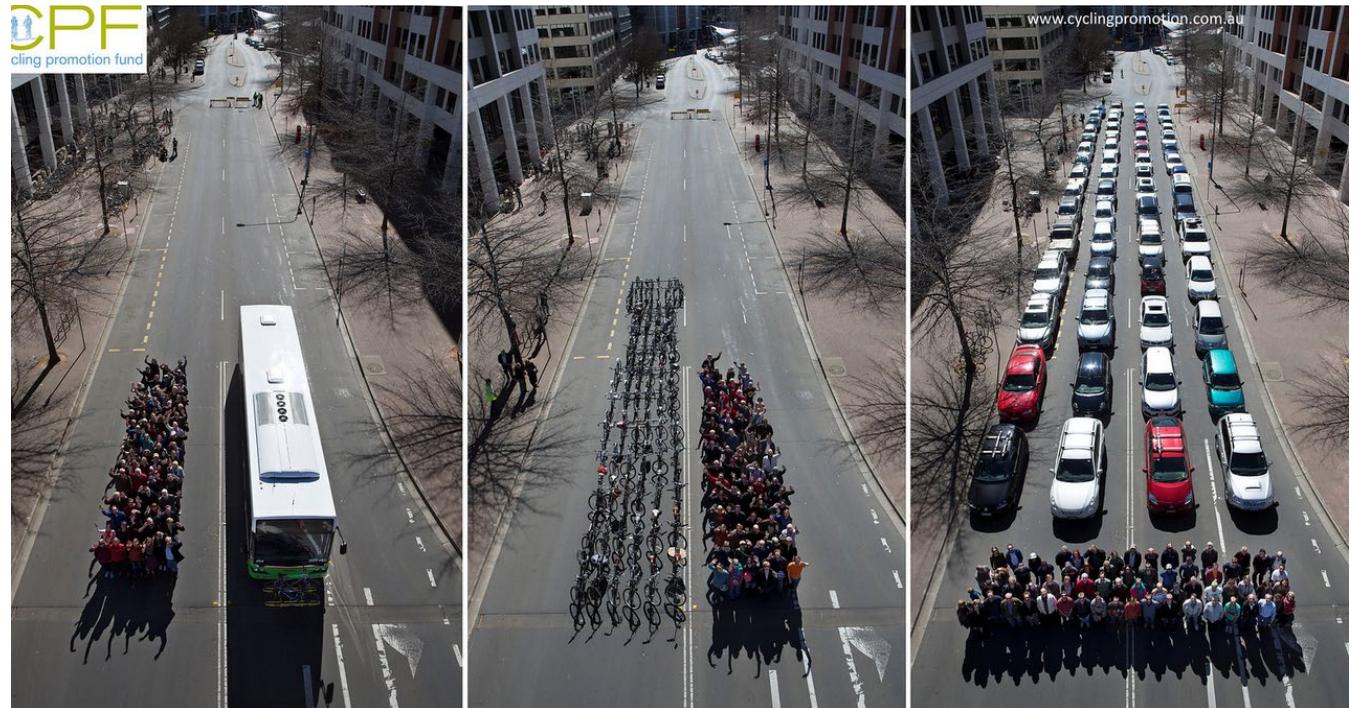
Greenhouse gas emissions

Air quality

Equity

Choices

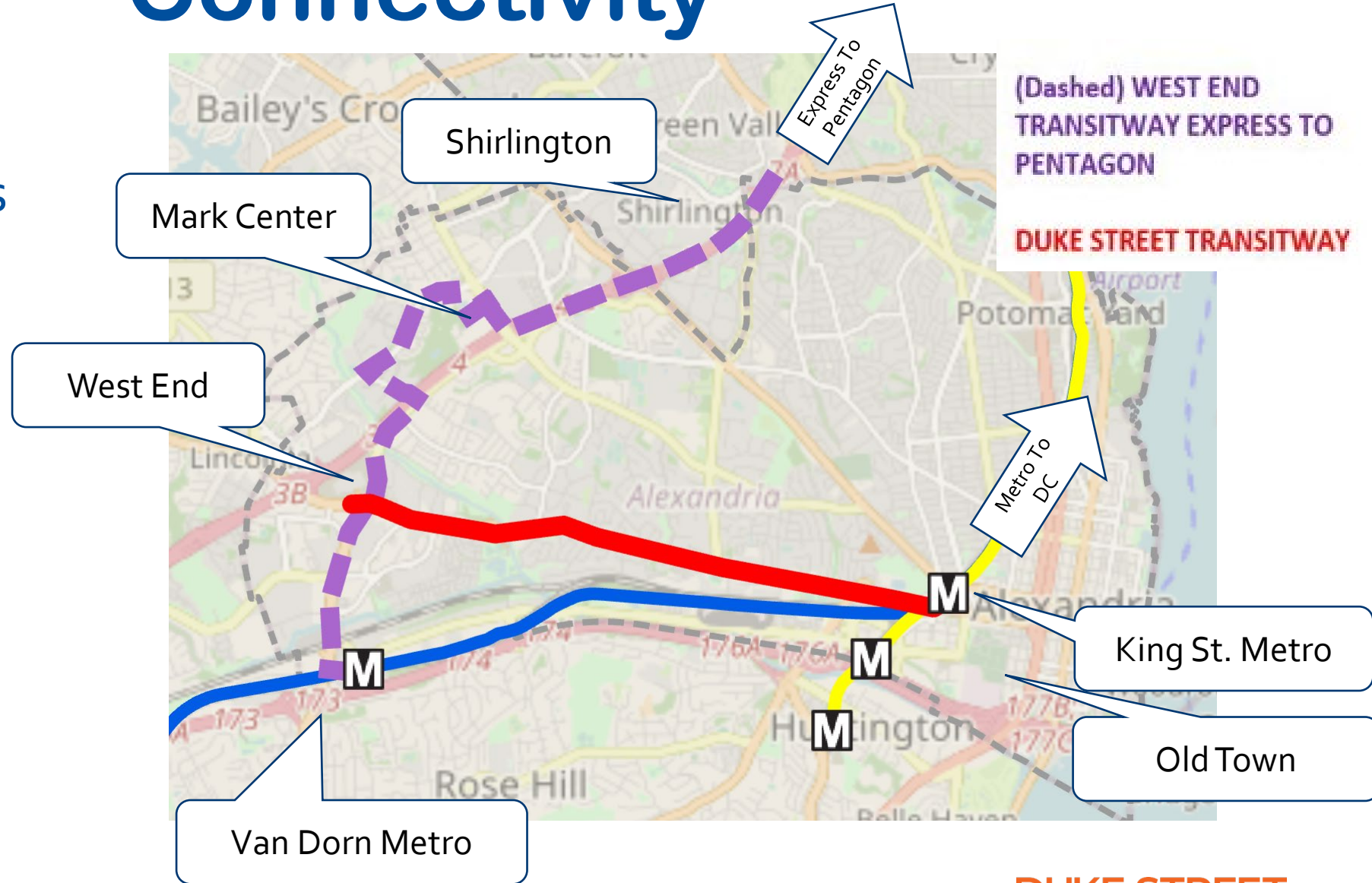
Congestion management





# Connectivity

High frequency transit connections to major activity centers





# Bus Travel Time vs. Vehicle Travel Time

## West End Alexandria to King Street Metro Station



**23-24 minutes** in the peak



**12-13 minutes** in the peak

**Half the time!**

# Placemaking and Livability





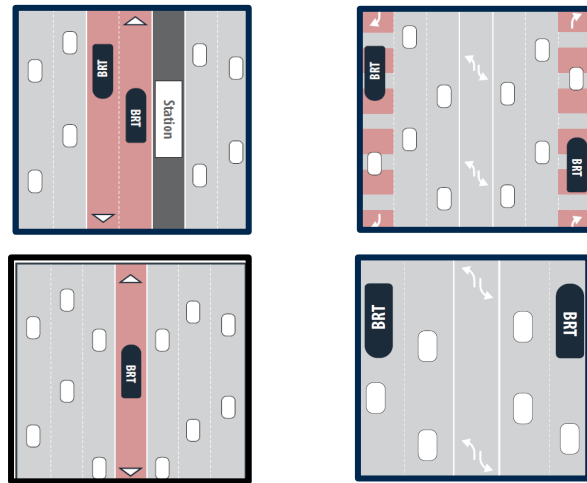
# Busway Concepts



# Street Design Concepts

## Busway and Curb Features

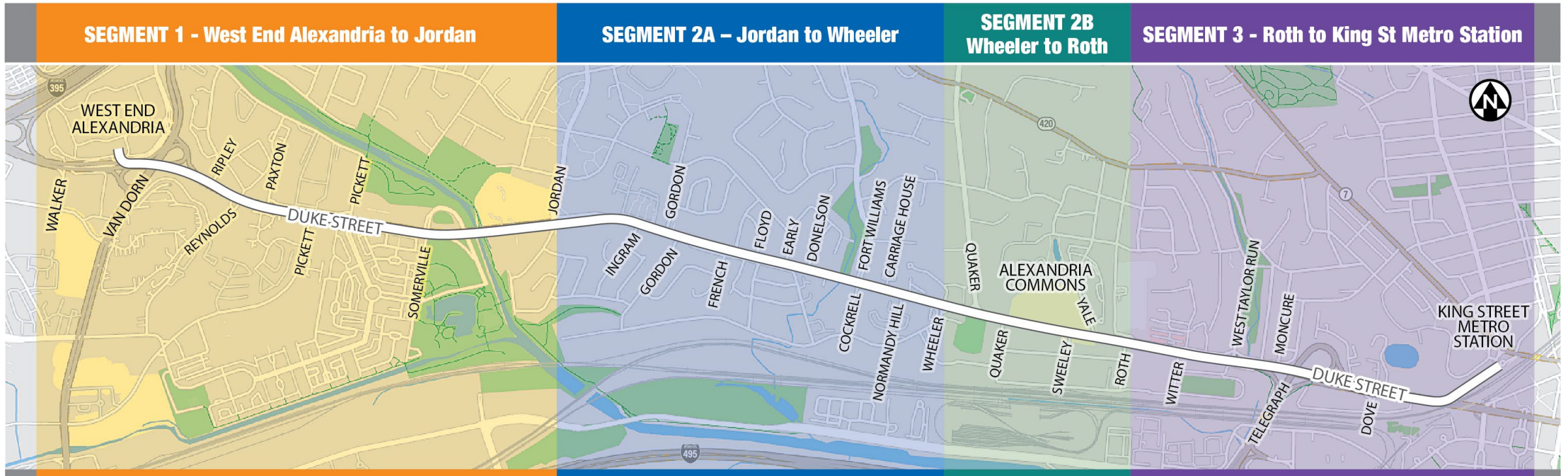
### Step 1: Busway



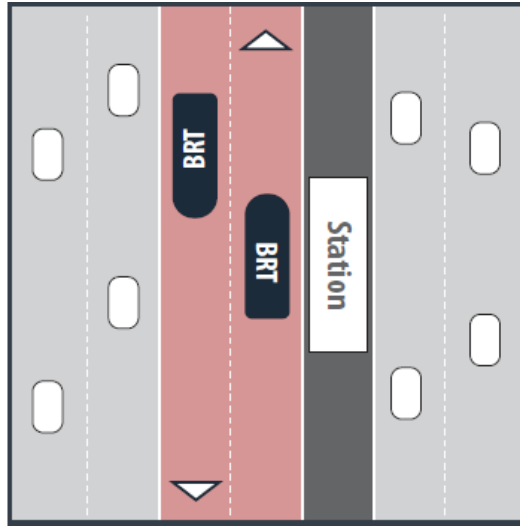
### Step 2: Curb features



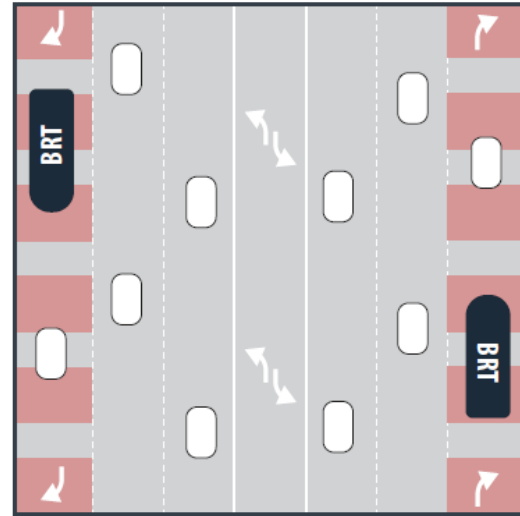
# Duke Street Corridor Segments



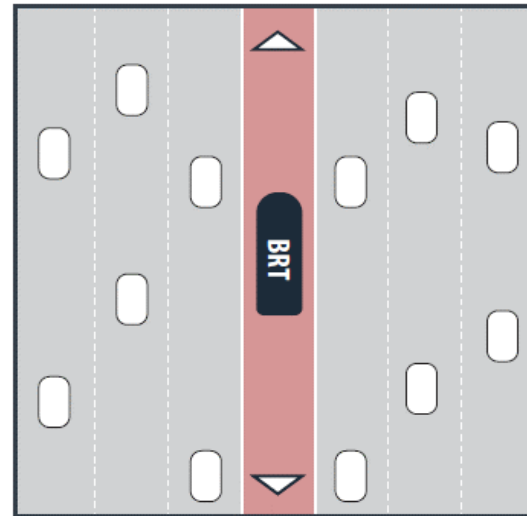
# Bus Improvements Can Take Different Forms



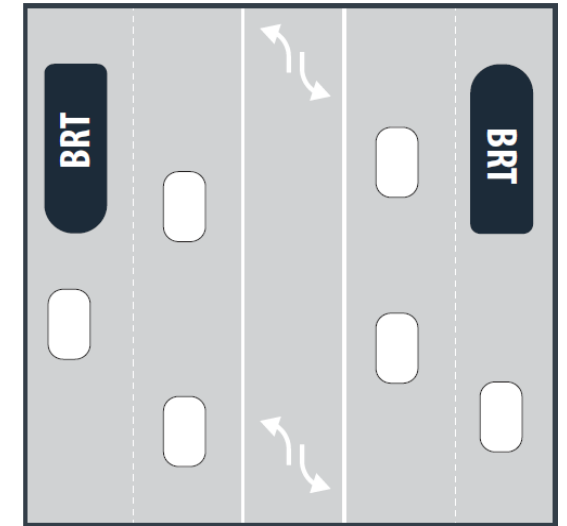
Center Running



Curb Running



Bidirectional Lane



Mixed Traffic

**A BRT can mix different treatments to make bus service faster and more reliable**



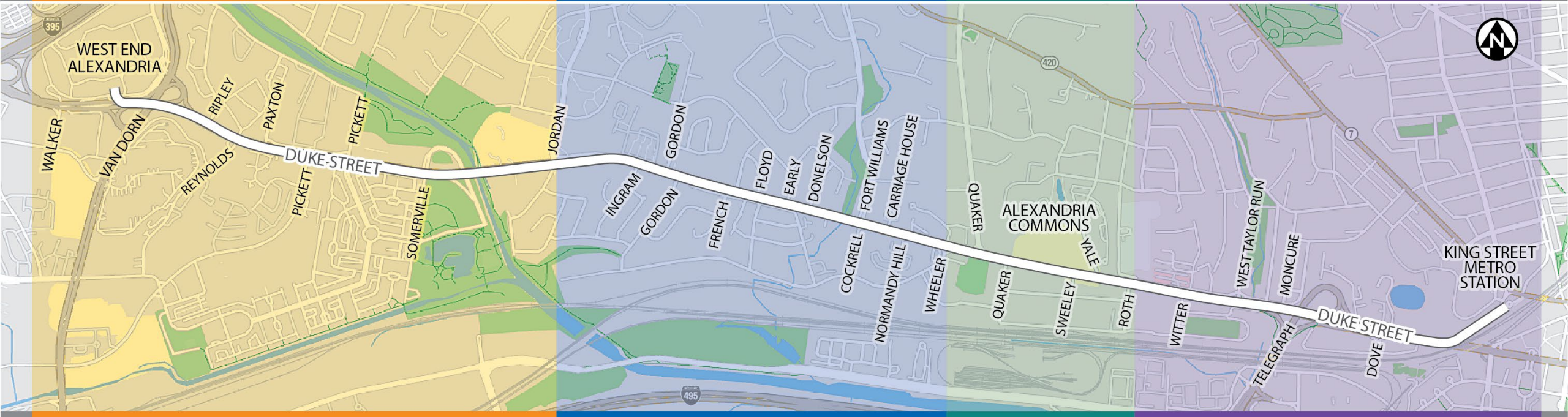
# Concept Summary

## SEGMENT 1 - West End Alexandria to Jordan

## SEGMENT 2A – Jordan to Wheeler

## SEGMENT 2B Wheeler to Roth

## SEGMENT 3 - Roth to King St Metro Station



### Segment 1

- Center running
- Curb running
- Mixed traffic

### Segment 2A

- Center running
- Hybrid
- Mixed traffic

### Segment 2B

- Center running
- Bidirectional
- Mixed traffic

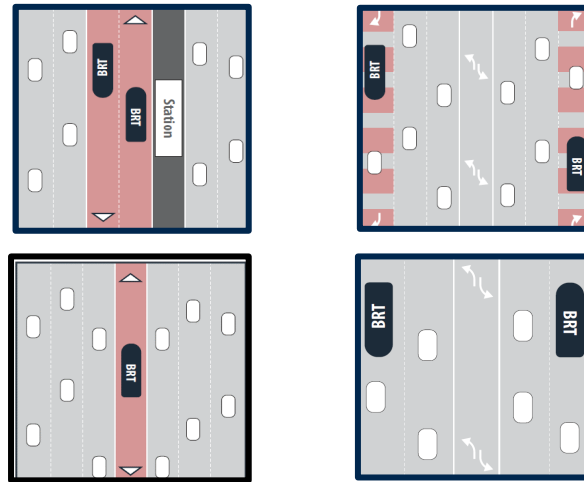
### Segment 3

- Center running
- Curb running
- Mixed traffic

# Street Design Concepts

## Busway and Curb Features

### Step 1: Busway



### Step 2: Curb features







# Next Steps

# Engagement Opportunities



## Webinar

- Oct 1
- Project website



## Pop-up Events

- Throughout October
- 7-10 events



## Focus Groups

- 4+ events to target underrepresented groups
  - Renters
  - Transit riders
  - Youth
  - Spanish speakers
  - Businesses



## In-Person Meetings

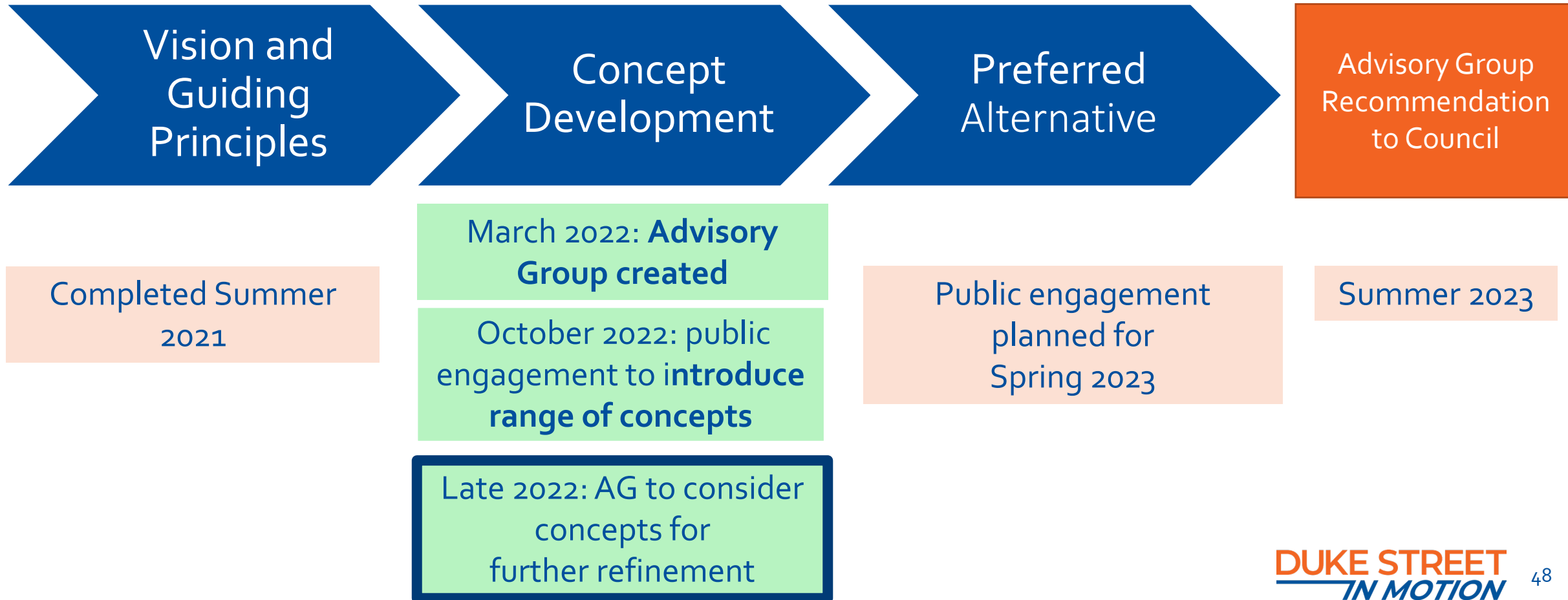
- Throughout October
- 4 in-person events
- Segment focused
- Open house for entire corridor
- Build your own Duke Street

### In-Person Meeting Dates/Locations

October 12	Segment 3 Meeting @ Bishop Ireton School	6:30-8:30 PM
October 17	Segment 2 Meeting @ Bishop Ireton School	6:30-8:30 PM
October 20	Segment 1 Meeting @ Patrick Henry Rec Center	6:30-8:30 PM
October 26	Open House @ Patrick Henry Rec Center	5:30-8:30 PM



# Duke Street in Motion Process



# Transportation Management Plan Proposed Policy Update

Agenda Item #5





# Goals for Today

- Understand why changes to TMP are being proposed
- Understand TMP policy proposal
- Provide feedback and proposed next steps



# What is a Transportation Management Plan

- SUP that commits development to a transportation plan, funded with its own contribution
- Monitored once a year through surveys, outreach to TMP coordinators at properties
- Currently 106 TMPs



# Update is Needed

- Current program not effective in meeting the intent of the TMP program
- Too many TMPs are doing different things with varying degrees of success
- Difficult to measure the success of TMPs since survey is done by individual TMPs
- Individual TMP coordinators not trained to manage TMPs, and often have little incentive to learn



# What Peer Cities are Doing

Program	How it Works	How it is Measured
Cambridge, MA	Building TDM requirements linked to number of parking spaces a property is required to build	Biannual commute survey, audit of TDM measures taken
Bellevue, WA	TDM requirements set for almost all commercial buildings in Bellevue.. Buildings must develop workplans based on city's TMP guidelines.	Biannual commute survey
Arlington, VA	Negotiation with County on a menu of features meant to reduce SOV rate, and monitors site and conducts studies annually of efficacy. Effective for 30 years with fee	Annual intercept survey plus additional studies based on site conditions
Fairfax, VA	Developers fund a TDM plan as a condition of their approval, and prefund both implementation funds, as well as a penalty fund (which is released as a reward fund if targets are met)	SOV reduction goal based on location near Metro station, additional targets for properties in Tysons





# What we are Proposing

- TMP Developments would pay City TMP fee to make transportation investment
- TMPs would last 30 years (currently lasts in perpetuity)
- City manages survey requirement for TMPs



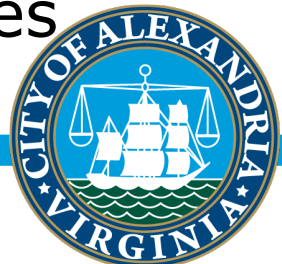
# Incentives for Multimodal Access

Building in Enhanced Transit Area	Building Capital Improvements	Upfront Payments
<ul style="list-style-type: none"><li>• 15 percent discount for developing within ETA</li><li>• No discount if developer wishes to build more parking than zoning ordinance allows</li><li>• Similar to existing TMP credit for developing near Metrorail or BRT</li></ul>	<ul style="list-style-type: none"><li>• 25 percent of construction costs</li><li>• Divided evenly over number of payments</li><li>• Physical improvements must be in site plan for credit, and in addition to what City requires</li></ul>	<ul style="list-style-type: none"><li>• Lump sum payment (35%)</li><li>• Partial upfront (25%)<ul style="list-style-type: none"><li>• Half paid before certificate of occupancy</li><li>• Half paid in five equal installments over five years</li></ul></li></ul>



# Option for Developers to Manage Funds

- More than 500k sq ft or 300 units – Allowed to manage funds
- Less than 500k sq or 300 Units – Allowed to manage funds IF:
  1. Demonstrate ability to run program well (e.g, hire a competent outside consultant or have a dedicated staff person for TMP management)
  2. Demonstrate consistent good faith effort by responding to staff requests and providing annual progress reports
  3. Demonstrate they are meeting the TMP goals for SOV rates



# Potential Fund Uses

SMALL AREA PROJECTS (30%)	CITYWIDE PROJECTS (70%)
For projects specific to small area plans	Projects in Alexandria Mobility Plan, Equity Enhancement Areas
Other neighborhood specific projects	Education Programs
Examples: sidewalk enhancements, bike/ped signals	Examples: DASH Operating, transit corridors, bikeshare, performance monitoring



# For Properties with TMP SUP

- Administrative change of SUP will convert previous SUP to standard conditions that reflect policy
- Projects with TMP SUPs over 30 years old will end
- Any outstanding TMP balance must be paid to the City before TMP relief





# Proposed Next Steps

Event	Date	Notes
Planning Commission	October 6	Feedback on proposed TMP Policy
Transportation Commission	October 19	Feedback on proposed TMP Policy
Planning Commission Public Hearing	November 1	Recommend adoption of policy to City Council
City Council Public Hearing	November 12	Public Hearing of Zoning Text Amendment
City Council	December 13 & 17	Adoption
Implementation	January-March 2023	
Launch	July 1, 2023	



# Feedback from Planning Commission

- Clarity on target setting, including targets for individual building's single occupant vehicle rate, length of TMP
- Should reconsider what projects Citywide TMP funds
- Wants flexibility with list of transportation improvements that developers can claim
- Clarify that TMP Coordinator in each building does more than write a check
- Consider developments too small to be Self Managed TMPs, but that might be too big to just pay into City fund
- Consider if payment plans and cash flow



# Thank You

**Thomas Hamed**  
**Mobility Services**

**Transportation and Environmental Services**

703-746-4421

[Thomas.hamed@alexandriava.gov](mailto:Thomas.hamed@alexandriava.gov)



# FY24 Budget Priorities Letter

Agenda Item #6



# FY24 Budget

- City Manager seeking Board and Commission input
- Off-year CIP
  - Only limited changes
- Focus areas:
  - Housing
  - Youth and family services
  - Economic development
  - Community engagement
  - Attracting and retaining employees





# FY24 Budget Priorities

1. Supporting **Vision Zero and the Complete Streets** programs including additional staffing,
2. Bringing the **trail system** up to a state of good repair,
3. Preserving and protecting **funding for key transit investments** and supporting implementation of the Transit Vision Plan,
4. Supporting transportation recommendations of the **Energy and Climate Change Action Plan**, and
5. Expanding **electric vehicle fleets** and electric vehicle charging opportunities.



# Recommendation

- That the Transportation Commission vote to provide a **letter** to the City Manager on budget priorities.



# Commissioner Updates

Agenda Item #7



# Commission Members

- **Oleksandr Faryga** – Environmental Policy Commission
- **Oscar Gonzalez** – Citizen East, High School Project
- **Casey Kane** – Traffic and Parking Board, Eisenhower West/Landmark/Van Dorn Advisory Group, Ad Hoc Duke Street Transitway Committee
- **Jody Manor**- Planning Commission
- **Bruce Marsh** –Citizen East, Potomac Yard Metro Implementation Working Group
- **Jim Maslanka**– Citizen West
- **Melissa McMahon** – Planning Commission
- **Matthew McManus** – Citizen West, DASH
- **Murat Omay** – DASH
- **Kirk McPike** – Council (non-voting)
- **Charles Sumpter** on behalf of **John Chapman** – Council (non-voting)



# Items for Consent

Agenda Item #8





# Other Business

- Consideration of virtual meeting option around holidays



# Adjourn Transportation Commission Meeting

Next meeting: October 19, 2022

