



# DUKE STREET *IN MOTION*

- **Community Webinar**
- **June 23, 2021**

**[alexandriava.gov/DukeInMotion](https://alexandriava.gov/DukeInMotion)**

\$87M in Northern Virginia Transportation Authority regional revenues are being utilized towards this Duke Street Transitway project.



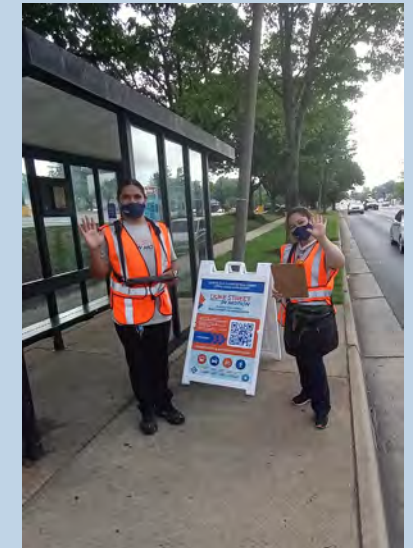
# WHAT IS “DUKE STREET *IN MOTION*”?

- **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.



# WHAT IS “DUKE STREET *IN MOTION*”?

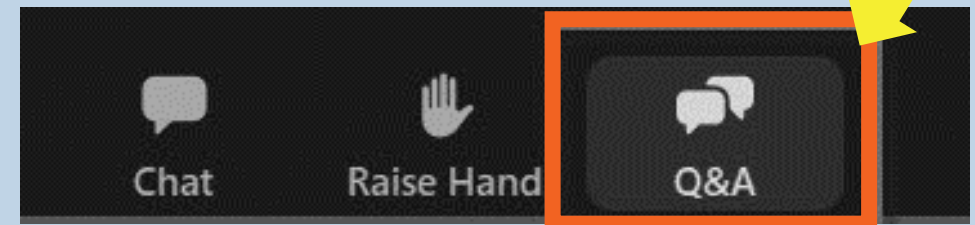
- Prior to any discussion about what specific transit improvements might look like along the Duke Street corridor, the City will host **events and activities to hear from all those who live, work, and travel along it.** *We are listening, and we thank you for attending tonight!*



# AGENDA

- Polling Questions – Who is here tonight? (5 minutes)
- Project Background (15 minutes)
- Purpose of **Duke Street *IN MOTION*** (15 minutes)
- **Duke Street *IN MOTION*** Week (10 minutes)
- Q&A – (30 minutes)

You are welcome to submit questions at any time, using Zoom's built-in Q&A function



# POLLING QUESTIONS

# POLL

How did you hear about this webinar / Duke Street *In Motion*?

1. Alexandria eNews
2. Website
3. Social Media
4. News / media
5. Word-of-mouth / friend / neighbor
6. Civic Association / other organization
7. Other

# POLL

Where do you live?

- |          |          |                           |
|----------|----------|---------------------------|
| 1. 22304 | 5. 22302 | 9. Other – Fairfax County |
| 2. 22312 | 6. 22314 | 10. Other – Not listed    |
| 3. 22311 | 7. 22301 |                           |
| 4. 22206 | 8. 22305 |                           |

# POLL

How long have you lived near, worked near, or had other connections to the Duke Street corridor?

1. 20 or more years
2. 10-19 years
3. 2-9 years
4. Less than 2 years
5. I can't remember / I'm not sure

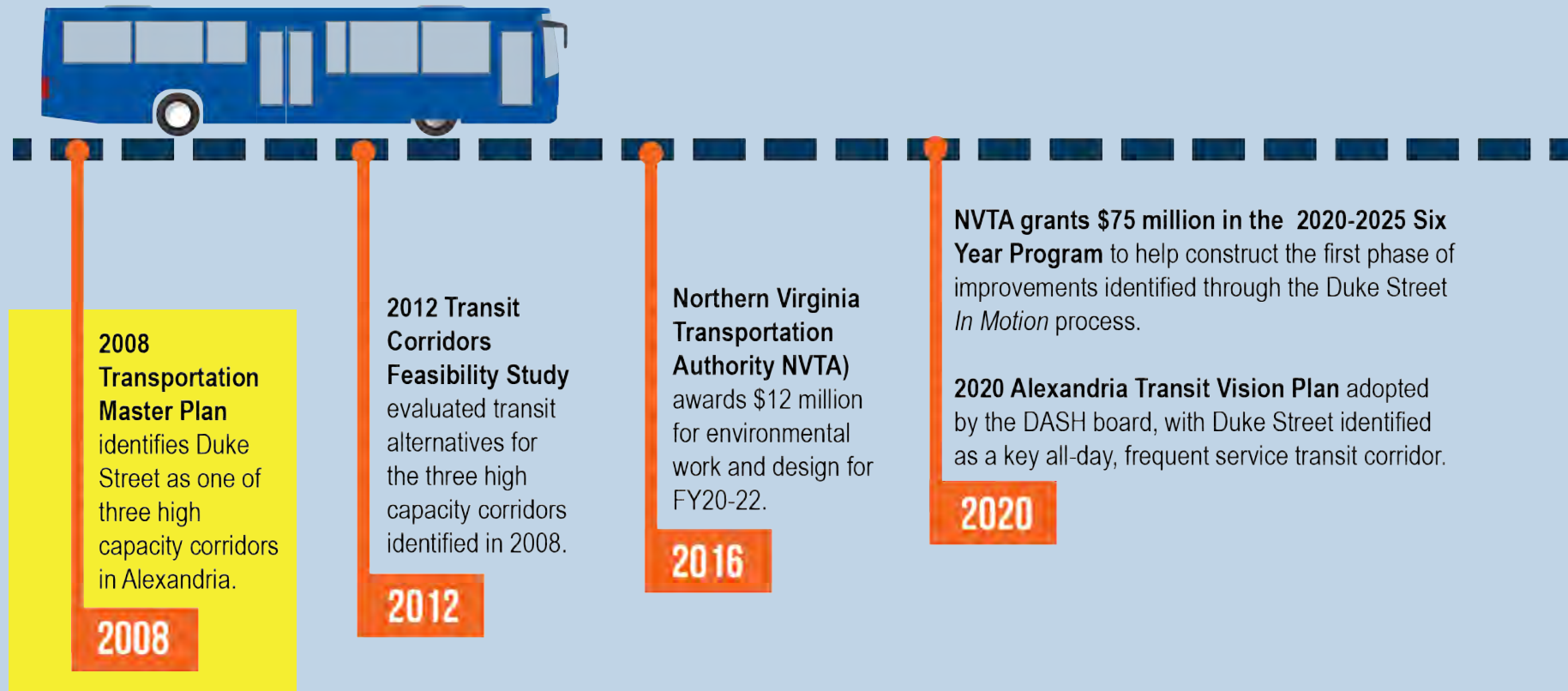
# POLL

How often have you traveled by transit (bus) along the Duke Street corridor (maximum amount now or pre-COVID)?

1. 5-10+ times per month
2. 1-5 times per month
3. A few times per year
4. Not at all

# BACKGROUND

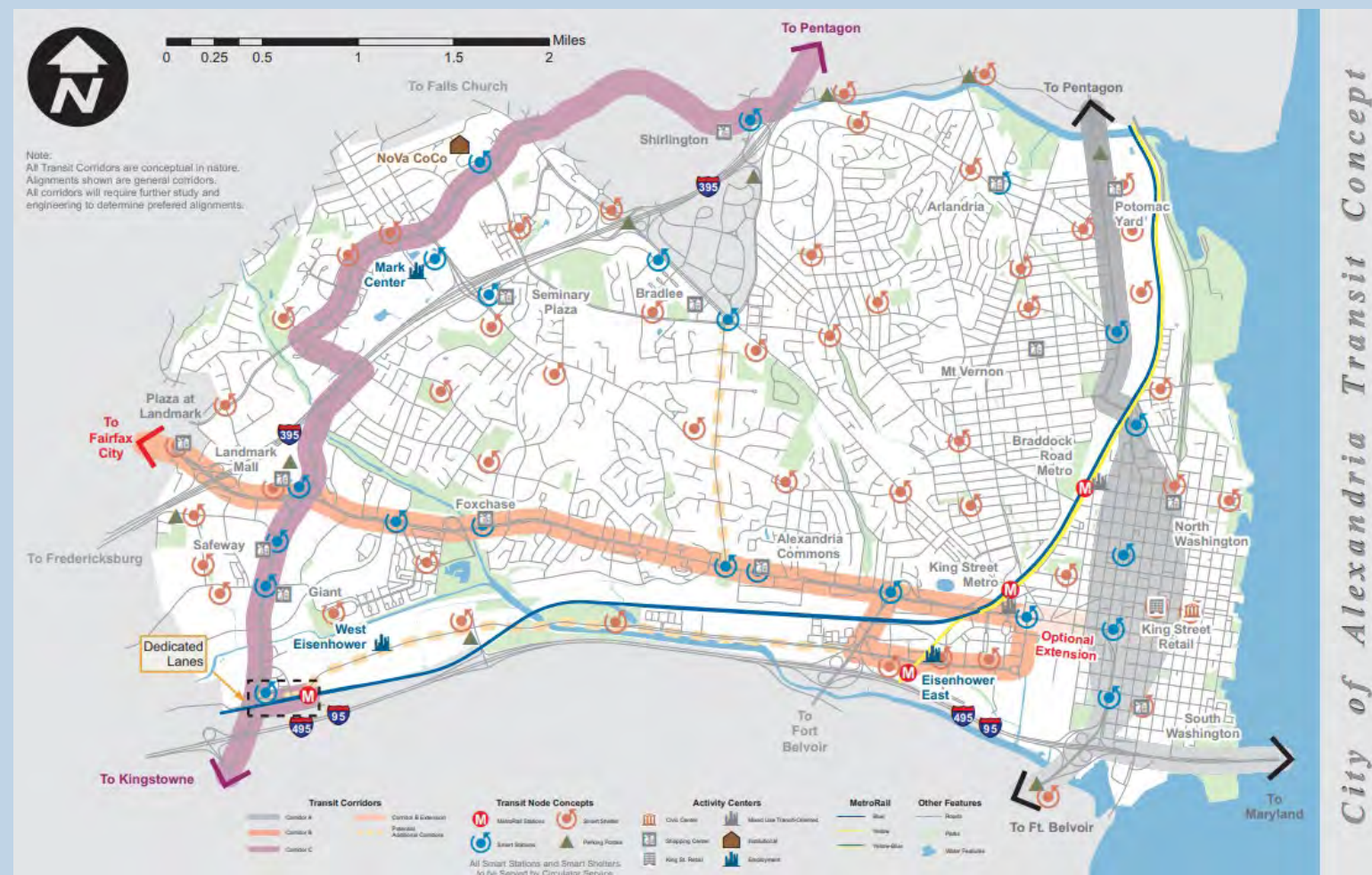
# HOW DID WE GET HERE AND HOW ARE WE SETTING **DUKE STREET** ? *IN MOTION*



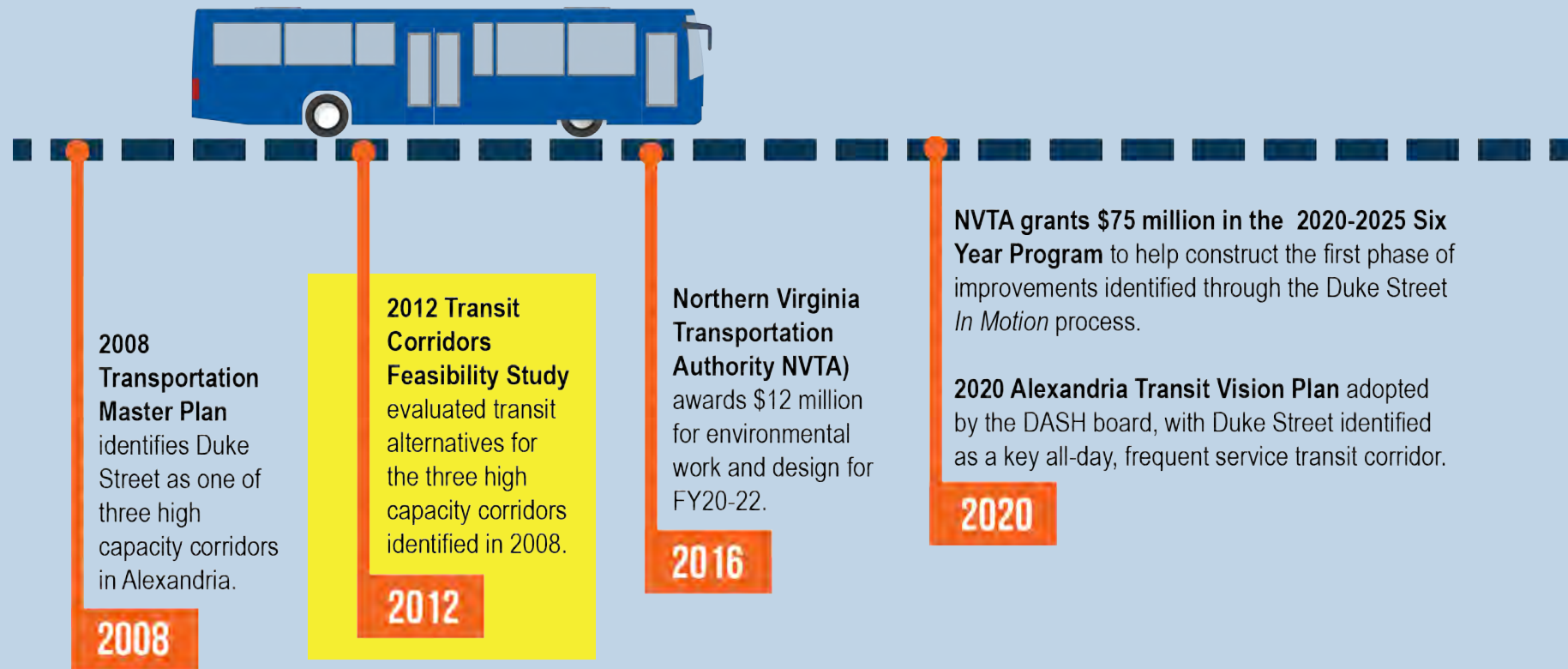
# Previously Approved Planning Efforts

## 2008 Transportation Master Plan Transit Corridors

- **Adopted:** City Council, Planning Commission and Transportation Commission



# HOW DID WE GET HERE AND HOW ARE WE SETTING **DUKE STREET** ? *IN MOTION*



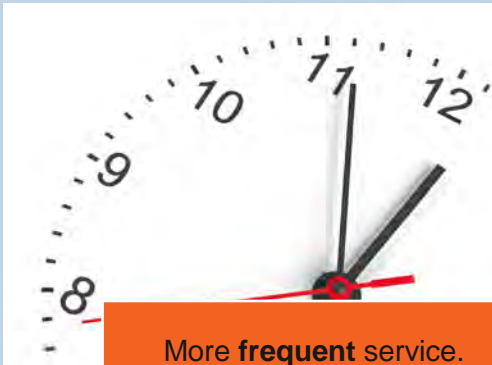
# POLL

Were you aware of the 2012 Transitway project and recommendation related to Bus Rapid Transit on Duke Street?

1. Yes
2. No
3. I'm not sure / Maybe

# WHAT IS BUS RAPID TRANSIT (BRT)?

- An integrated, flexible system of facilities, equipment, services, and amenities that **improve the speed, reliability, and identity of bus transit**. May include:



More **frequent** service.

The Vine (Steve Morgan, Wikipedia)



**Upgraded bus stops** with enhanced passenger amenities.



**Transit signal priority (TSP)** to improve travel time.



NACTO

**Queue jump lanes** to allow BRT vehicles to bypass traffic.



GRTC Pulse (BeyondDC, Flickr)

**Vehicles branded** for easy recognition by riders.

I Street bus lane (BeyondDC, Flickr)



**Partial to full time bus lanes.**

Metroway (BeyondDC, Flickr)



**Full separated bus lanes** with rail-like service.

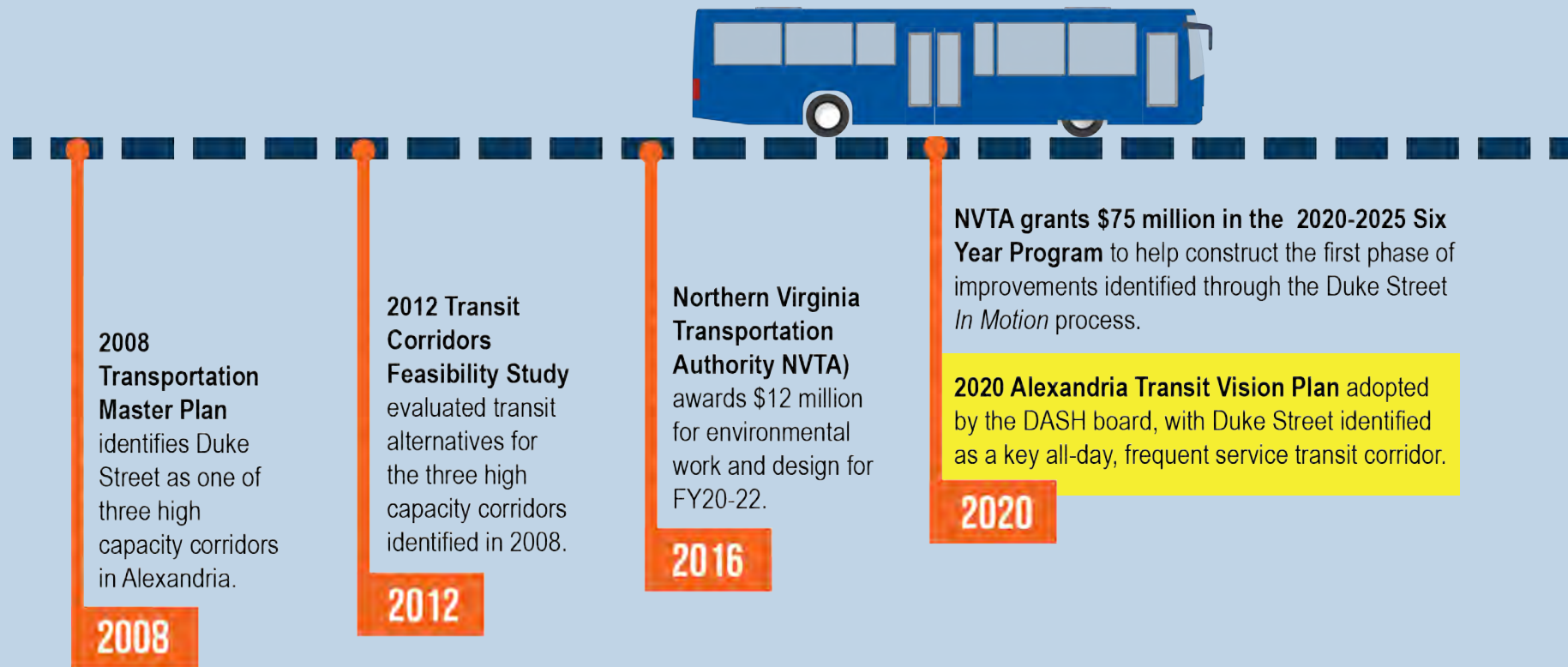
## EXAMPLE: TRANSIT SIGNAL PRIORITY



Watch Again:

<https://youtu.be/C8V43cdSnuU>

# HOW DID WE GET HERE AND HOW ARE WE SETTING **DUKE STREET** *IN MOTION* ?



Graphic From  
2020 Alexandria  
Transit Vision Plan



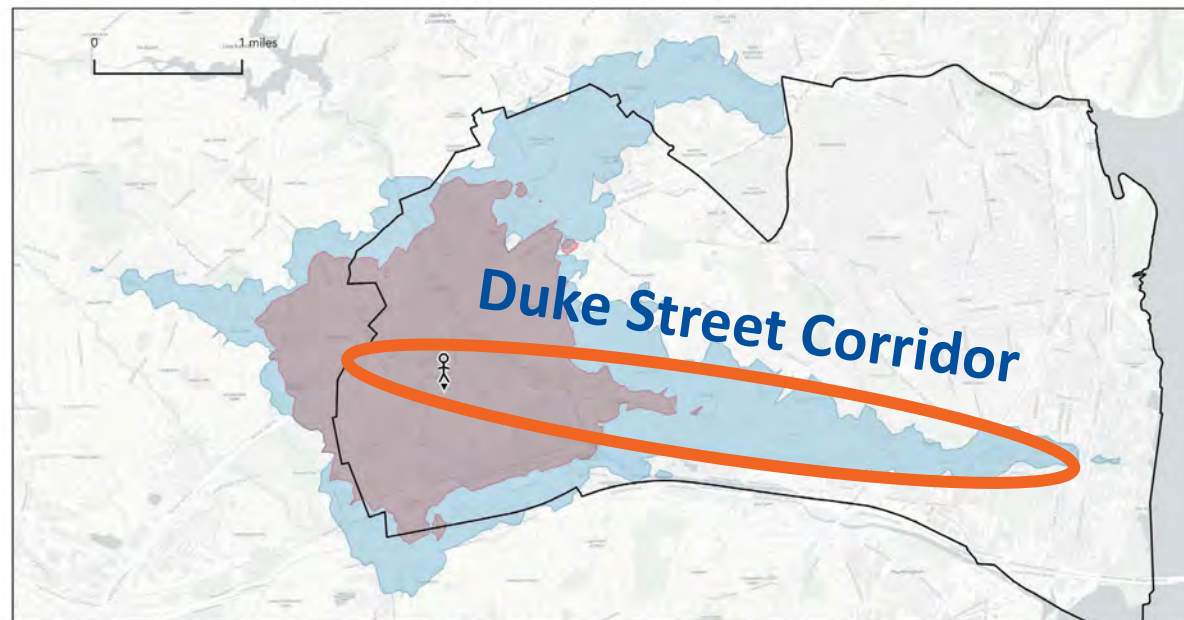
Figure 30: Example of Isochrone Maps and Diagram

## How far can I travel from Landmark Mall in 30 minutes?

Riders can reach more jobs and opportunities in the 2030 Vision Plan Network than in the Existing network by walking and transit at noon on a weekday.



68% more residents and 205% more jobs accessible than existing network



2030 and 2022 Vision Plan Networks

# HOW DID WE GET HERE AND HOW ARE WE SETTING **DUKE STREET** *IN MOTION* ?

**DUKE STREET**  
*IN MOTION*



**2008**  
**Transportation Master Plan** identifies Duke Street as one of three high capacity corridors in Alexandria.

**2008**

**2012 Transit Corridors Feasibility Study** evaluated transit alternatives for the three high capacity corridors identified in 2008.

**2012**

**Northern Virginia Transportation Authority (NVTA)** awards \$12 million for environmental work and design for FY20-22.

**2016**

**NVTA grants \$75 million in the 2020-2025 Six Year Program** to help construct the first phase of improvements identified through the Duke Street *In Motion* process.

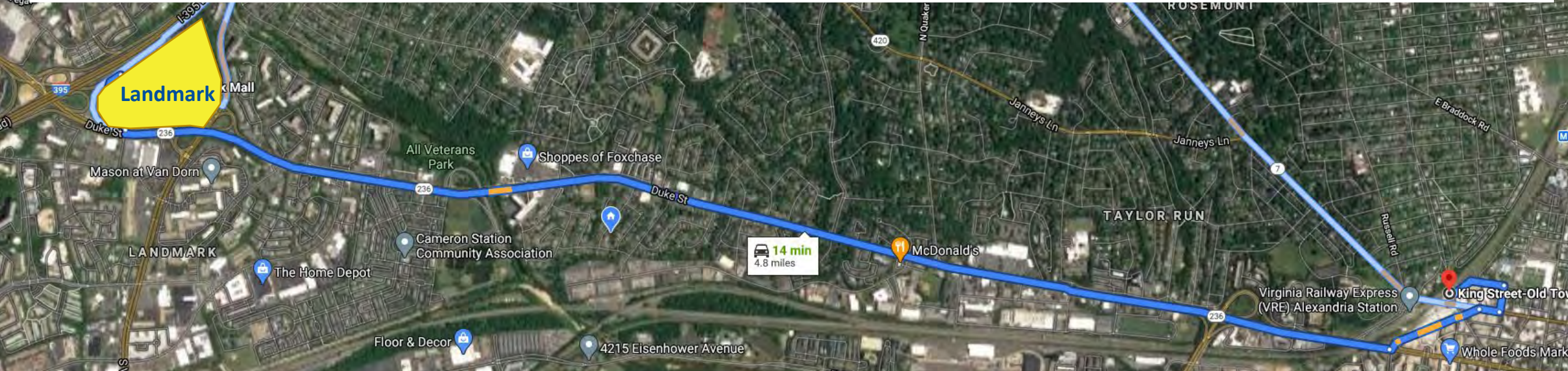
**2020**

**2020 Alexandria Transit Vision Plan** adopted by the DASH board, with Duke Street identified as a key all-day, frequent service transit corridor.



# Duke Street in Motion Corridor Study Area

## Elements and Considerations



### Project Scope Elements

- Corridor location: Landmark to King Street Metrorail via Duke Street
- Bus transit is primary component
- Bike, pedestrian, and vehicular elements may be addressed in relation to transit

### Alternatives for Consideration

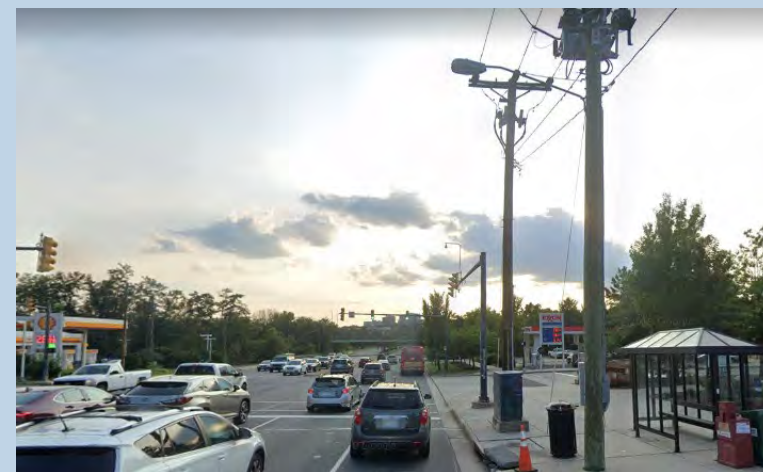
- Station locations and amenities
- Bus operator (DASH, WMATA, other)
- Dedicated transit lanes
- Role of service roads
- Bike lanes, trails, sidewalks, landscaping, utilities
- Signal improvements (TSP)
- Suggestions that come out of the Duke Street in Motion process

# PURPOSE OF DUKE STREET *IN MOTION*

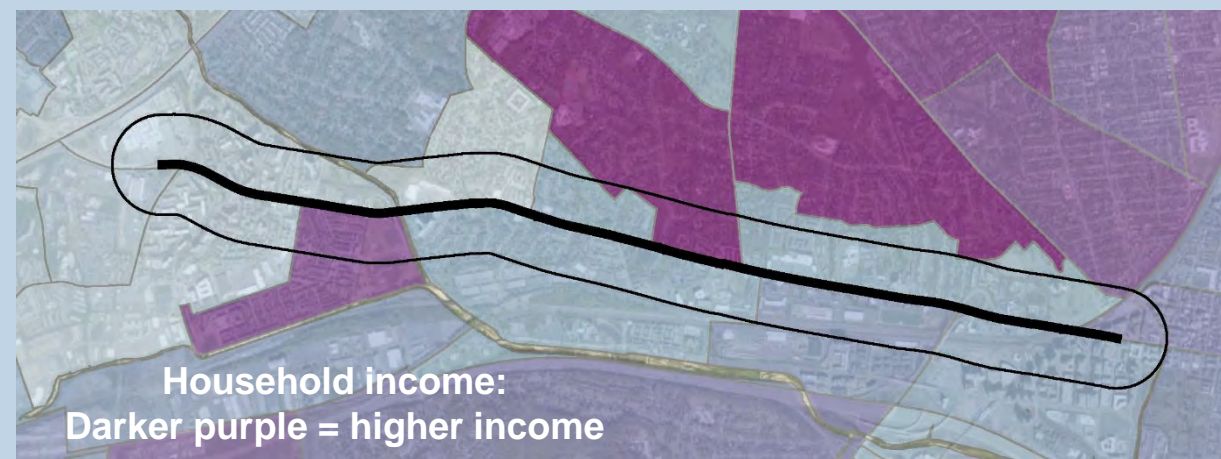
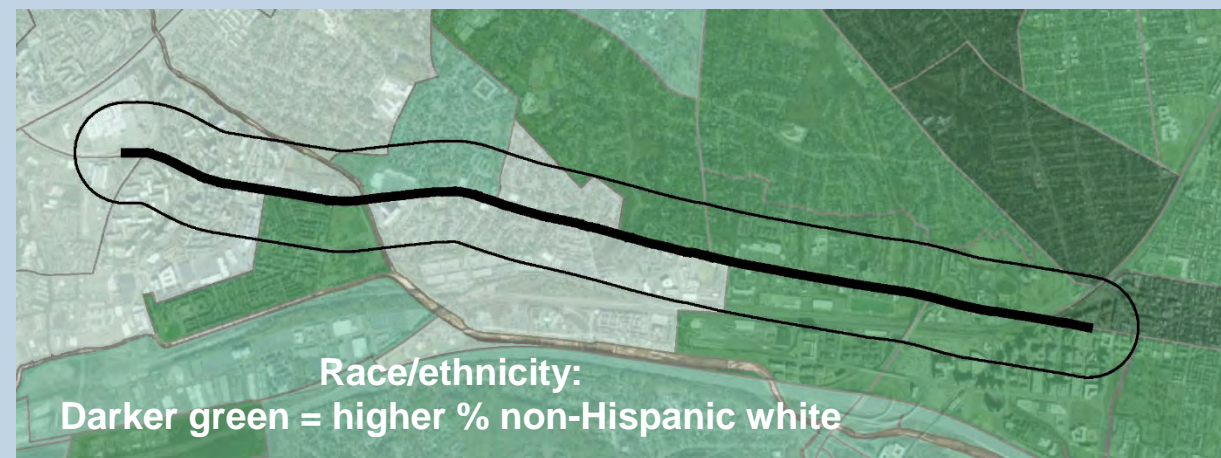
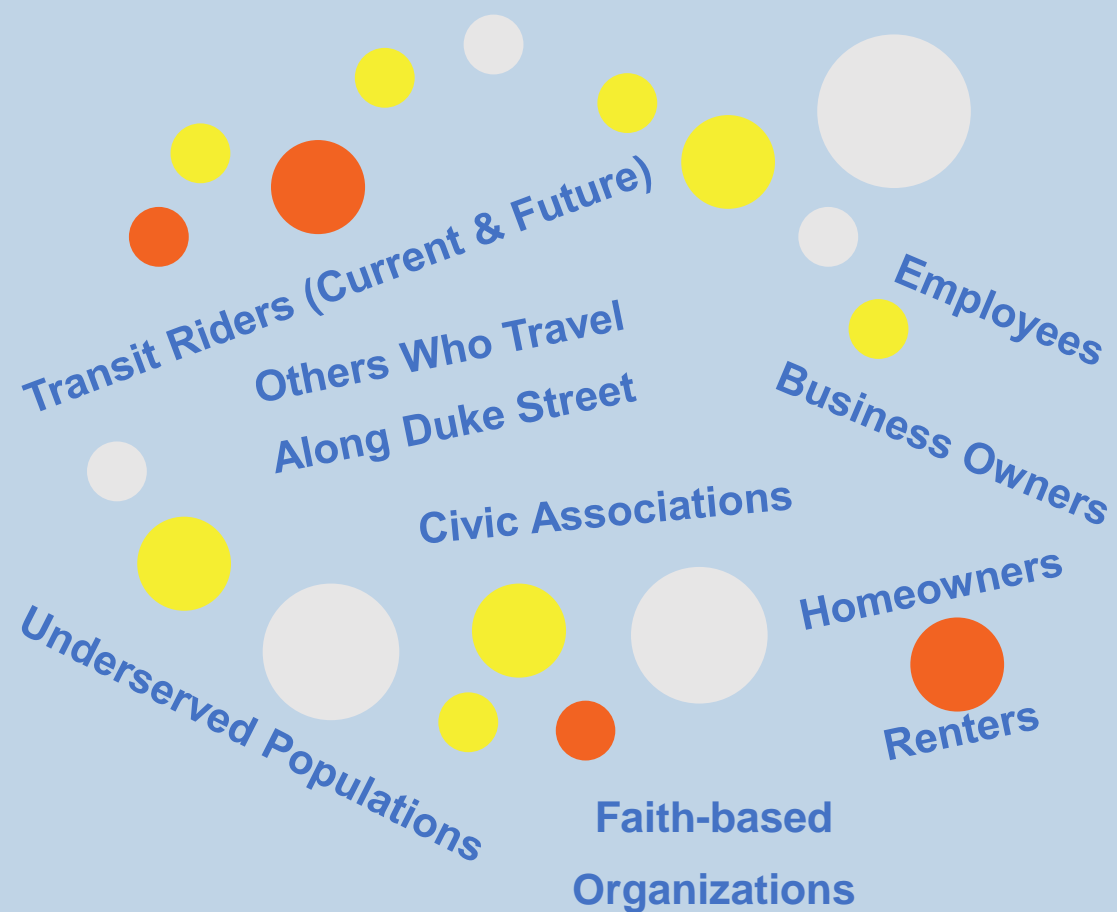
# PHASE 1

## Community Visioning

- **Goal:** Corridor vision reflective of the needs of entire Duke Street community
- **Variety of outreach strategies**, emphasizing groups that aren't typically represented
- **Will set Community Vision and Goals to guide future stages:**
  - Phase 2 – Alternatives
  - Phase 3 – Concept Plan



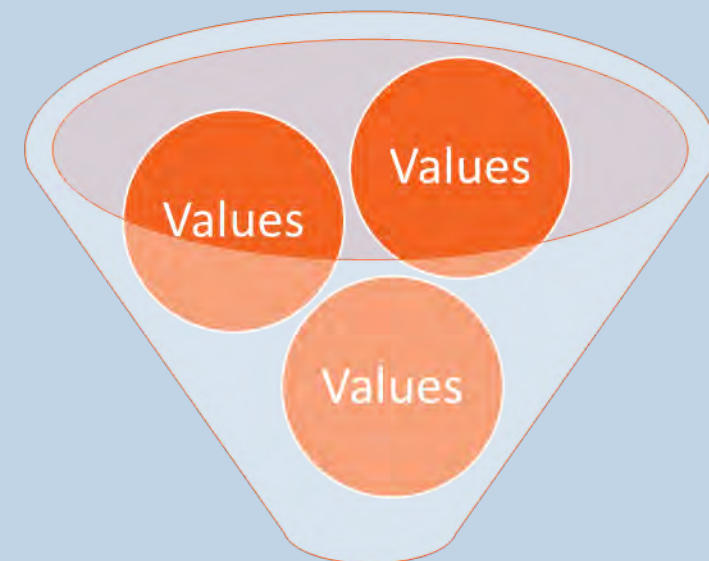
# THE DUKE STREET COMMUNITY



# PHASE 1

## Community Visioning - Purpose

- **We want to know what you value about Duke Street and transportation options.**
  - What is important to you now and in the future?
  - What are your concerns, and why are these important issues for you?
- **When you think about how you choose to travel, what are the most important factors?**
- **What are your biggest current challenges when it comes to traveling along Duke Street?**



# PHASE 1

## Community Visioning - Purpose

- **A community vision statement and related goals describe a desired outcome for the future.**
- These will be used to guide and evaluate the conceptual planning efforts.

### How We Can Use the Future Goals

How Well Does Each Concept Address Each Goal?  
[Example Only - No Concepts Currently Developed]

	Goal 1	Goal 2	Goal 3
Concept X			
Concept Y			
Concept Z			

# **DUKE STREET *IN MOTION*** **WEEK**

# DUKE STREET *IN MOTION* WEEK

## SCHEDULE OF EVENTS

- **Outreach** through social media, flyers, lawn signs, door hangers, etc.
- Feedback form and materials also in Spanish and Amharic.
- **Pop-up events**
  - Bilingual street teams
  - Bus stop chats
  - Grocery stores
  - Public parks and library
  - Apartment / condo complexes
  - Laundromats
- Gathering responses on the **feedback form**
- Preparing for targeted **small-group discussions**
- Visit webpage for **upcoming events**, a **replay of this webinar**, and (later in the summer) a **summary of what we heard!**

How can you participate?

**Complete the feedback form at  
[alexandriava.gov/DukeInMotion](https://alexandriava.gov/DukeInMotion)**



# KEEP AN EYE OUT!



**DUKE STREET** *IN MOTION* **» YOUR VOICE MATTERS, AND WE ARE LISTENING!**

DUKE STREET *IN MOTION* is a City of Alexandria project focused on ensuring that transit improvements in the Duke Street corridor, from the Landmark Mall area to the King Street Metro Station, provide efficient transportation choices that align with the priorities and needs of the entire community - including all corridor residents, workers, businesses, and visitors.



While transit (bus) improvements are the primary focus of this effort, other community priorities such as safety, driving, bicycle and pedestrian facilities, and vehicle travel are also important considerations for this project.

**WHAT DO YOU SEE IN DUKE STREET'S FUTURE? HOW DO YOU WANT TO GET AROUND?**



**SCAN QR CODE TO PROVIDE FEEDBACK BY JULY 31**  
**GET INVOLVED - COMPLETE THE VISIONING FEEDBACK FORM TODAY!**

FEEDBACK FORM AND DOCUMENTS ALSO AVAILABLE IN SPANISH AND AMHARIC.

**alexandriava.gov/DukeInMotion**

\$87M IN NORTHERN VIRGINIA TRANSPORTATION AUTHORITY REGIONAL REVENUES ARE BEING UTILIZED TOWARDS THIS DUKE STREET TRANSITWAY PROJECT.

To request reasonable disability accommodation, contact [geraldyn.taylor@alexandriava.gov](mailto:geraldyn.taylor@alexandriava.gov) or call 703.746.4084, Virginia Relay 711.

# WHAT HAPPENS AFTER DUKE STREET *IN MOTION* WEEK?

## Community Input Phase 1 Continues

- Small group discussions
- Summary of community feedback

Creation of  
Advisory  
Committee

Plan revision  
(**Community  
Input Phase 3**)

Summer  
2021

Summer  
2021

Fall  
2021

Winter  
2021

Spring  
2022

Fall  
2022

Creation of draft  
Community Vision  
& Goals

Concept  
alternatives/plans  
(**Community  
Input Phase 2**)

Final plans and  
analysis

*Timing subject to change*

# DISCUSSION

For further information and link to feedback form:  
[alexandriava.gov/DukeInMotion](http://alexandriava.gov/DukeInMotion)

Sign up for T&ES eNews Alerts and social media:  
[alexandriava.gov/Communications](http://alexandriava.gov/Communications)

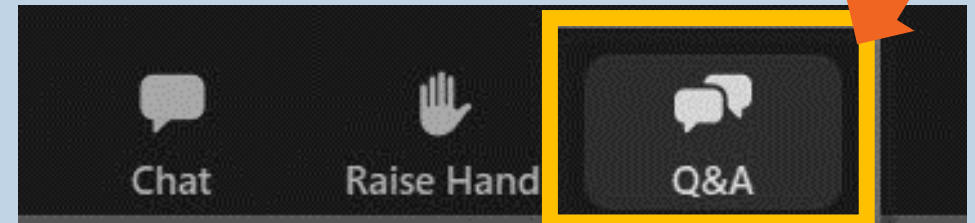
## Project Manager:

Mark Schnauffer, T&ES Transportation Planning

[Mark.Schnauffer@alexandriava.gov](mailto:Mark.Schnauffer@alexandriava.gov)

## DUKE STREET *IN MOTION*

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**GET INVOLVED  
(AND TELL A FRIEND!)**

Complete the  
Visioning Feedback  
Form by July 31!





# THANK YOU!

## DUKE STREET *IN MOTION*

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