

# TRAFFIC & PARKING BOARD PUBLIC HEARING

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October 24, 2022

City Hall – Alexandria, VA

Hybrid meeting will start at 7:00 PM



# Welcome!

## **Public Hearing:**

Board will receive comments from the public in-person and via Zoom

## **Three Ways to Speak:**

- Via e-mail: signed up in advance
- In-person: use sign-up form at back of the room
- Via Zoom: use 'Raise Hand' feature in Zoom
  - \*9 with phone audio

# Agenda: October 24, 2022

## Welcome & Introductions

1. Deferrals and Withdrawals
2. Approval of Minutes
3. Written Staff Updates & Public Hearing Follow-up
4. Public Discussion Period

## Consent Items:

5. Curbside Pick-up and Loading Zone – 800 block of King Street
6. Parking Restrictions – 600 block of S. Pickett Street (Pickett Street Plaza)

## Public Hearing Items:

7. Street Closure – Unit Block of King Street
8. Traffic Change – Duke Street Traffic Mitigation Pilot Program
9. Stop Signs – Administrative Approval Process

## Information Items:

10. Staff Updates:
  - FY 2024 Budget Priorities
  - Update on upcoming change to Curb Cut Process
  - 2023 Meeting Calendar
11. Commissioner Updates

# Approval of the Minutes

# Written Updates & Public Hearing Follow-Up

# Public Discussion Period

This period is restricted to items not listed on the docket

# Curbside Pick-up and Loading Zone – 800 block of King Street

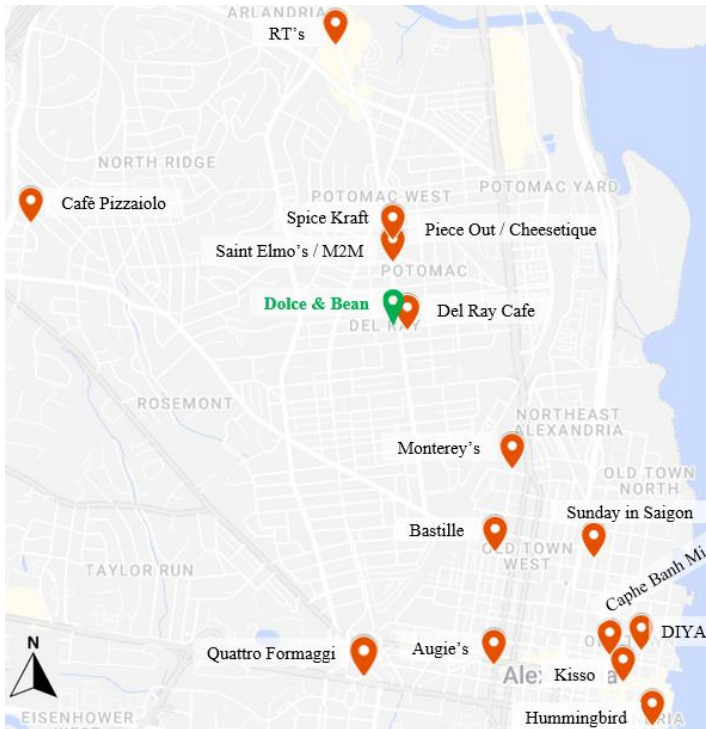
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Agenda Item 5

Presenter: Mr. Devilliers



# PUDO Zones



## Curb Space Prioritization Framework

Priority:	Residential	Main Streets	Office & Commercial	Warehouse & Industrial
<b>1: High</b>	City Plan Priorities			
<b>2</b>	Access for People	Access for People	Access for People	Access for Goods
<b>3</b>	Parking	Access for Goods	Access for Goods	Access for People
<b>4</b>	Access for Goods	Activation	Parking	Parking
<b>5: Low</b>	Activation	Parking	Activation	Activation



# Recommendation

Recommend the Director of T&ES move the loading zone on the 100 block of N. Alfred Street to the 800 block of King Street once Sweetgreen obtains a Right of Way – Parklet Permit in 2023.

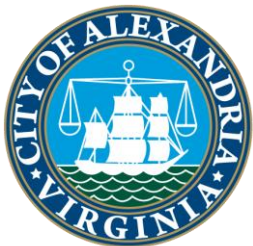


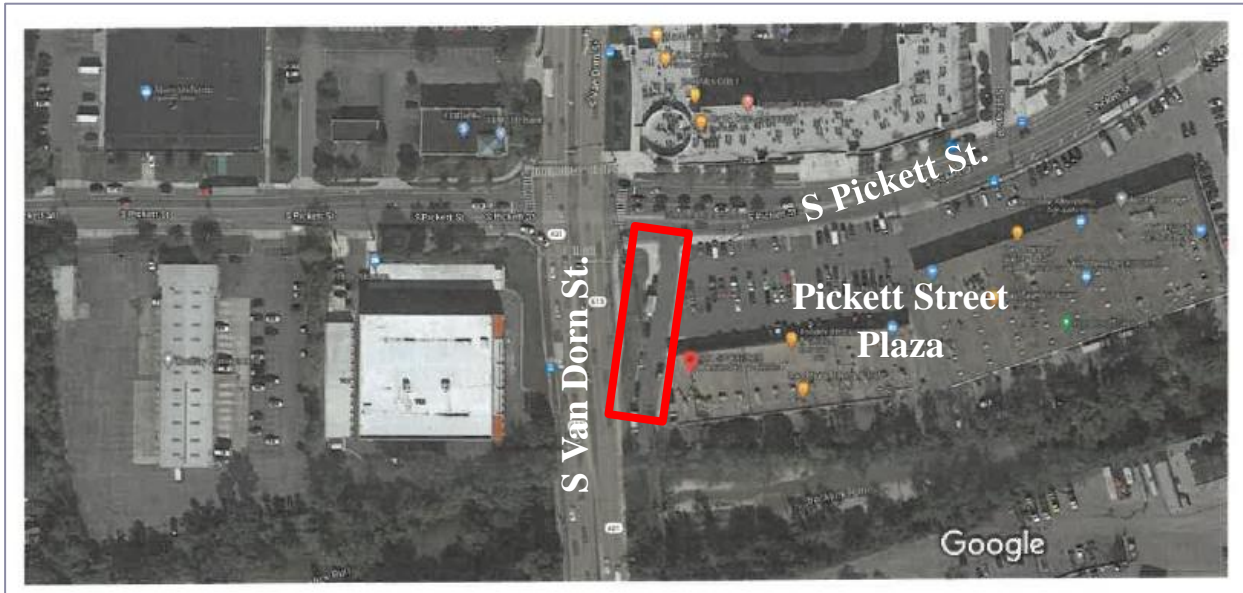
# Parking Restrictions – 600 block of S. Pickett Street (Pickett Street Plaza)

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Agenda Item 6

Presenter: Mr. Devilliers





# Recommendation

That the Board recommend the Director of T&ES restrict parking along the public service lane west of the Pickett Street Plaza shopping center (628-684 S. Pickett Street) to 2 hours, 8:00 AM to 9:00 PM, daily.

# Street Closure – Unit Block of King Street

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Agenda Item 7

Presenter: Mr. Ziemann



Permanent Closure (Pedestrianization)  
of the Unit Block of King Street and the  
Northern Portion of the Strand to  
Vehicular Traffic

Removal of six parking spaces

Removal of motorcoach parking

Agenda Item #7



## Background

- 2012 Waterfront Small Area Plan
- 2019-2021 – Successful closure of 100 block of King Street to all car traffic
- Pilot Project – May through November



Permanent  
Closure

Parking

Motorcoaches



# Unit Block

- Removal of motorcoach parking
- Removal of 2 parking spaces





# Strand

- Removal of 4 parking spaces
  - 2 for Vehicle turnaround
  - 2 for Police parking
- Moving 1 handicap space farther south

# Pilot program

## Three month pilot

- Starting around Memorial Day through Labor Day

## Close to most vehicles


- Except emergency vehicles and maintenance vehicles

## Regular stakeholder check-ins

## Monitoring

## Evaluation

- Input from residents, businesses, users, and City stakeholders
- Online feedback form
- Qualitative traffic data and Ped data (if available)



## Community Feedback

**1,853 responses:** 72% residents, 26% employees / visitors, 1.5% business operators

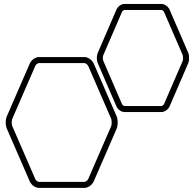
- 91% - Very positive or positive experience
- 89% would like to see closed permanently
- Most popular improvements if made permanent:
  - More seating
  - More outdoor dining
  - Bathrooms

# Advisory Group

- Mobility Services
- RPCA
- Old Town Business
- Traffic Engineering
- Traffic Operations
- Planning and Zoning
- Dept. of Project Implementation
- APD
- Public Works Services
- Fire
- Resource Recovery

## What we heard

- Fire Access
- Stormwater and manhole access
- Flooding
- Deliveries
- Turnaround
- Close full time



## Features

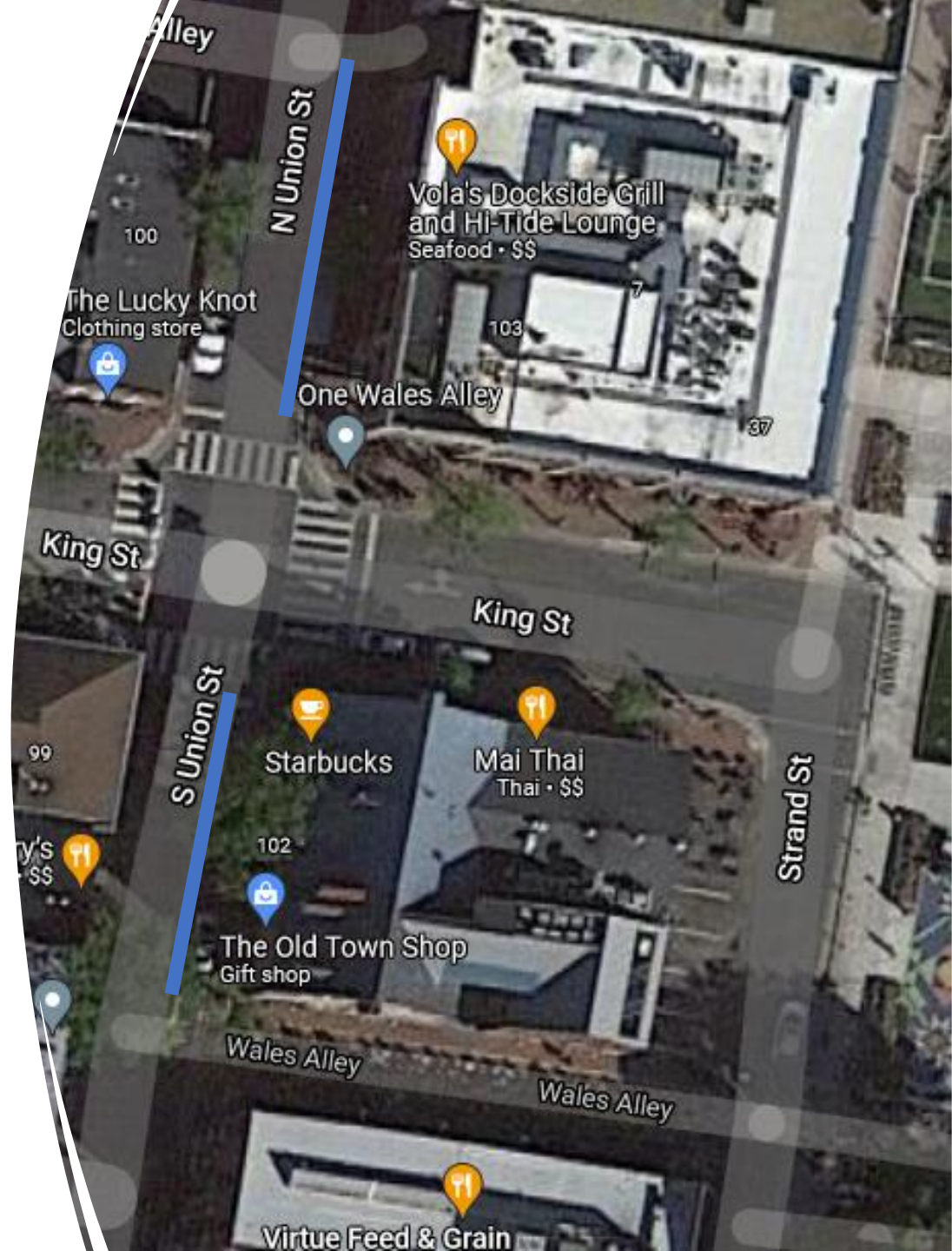
- Outdoor dining in street, sidewalk, and parking
- Options for in-street vendors for activation
- Bicycle Parking
- Programming
- Parklets
- Signage
- Bollards



# Restaurant Deliveries

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- Handled on Union Street
- Has proven adequate
  - Will monitor further





# Recommendation

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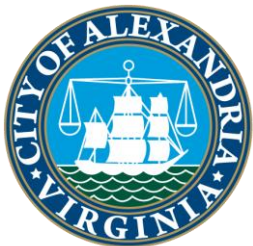
- Permanently close (pedestrianize) the Unit Block of King Street and the Northern Portion of the Strand to Vehicular Traffic
- Remove six parking spaces
- Remove motorcoach parking

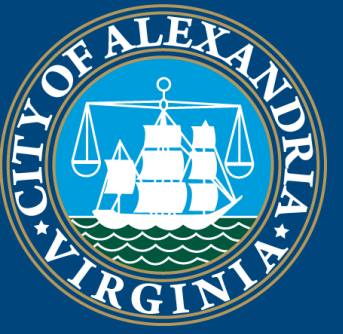
# Traffic Change – Duke Street Traffic Mitigation Pilot Program

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Agenda Item 8

Presenter: Ms. Orr & Mr. Scolese





# **Duke Street Traffic Mitigation - Phase II Pilot**

**Traffic & Parking Board**

**October 24, 2022**

# Traffic Mitigation Pilots

## Project Goals



Reduce  
congestion on  
Duke Street



Reduce cut-through  
traffic on  
neighborhood  
streets



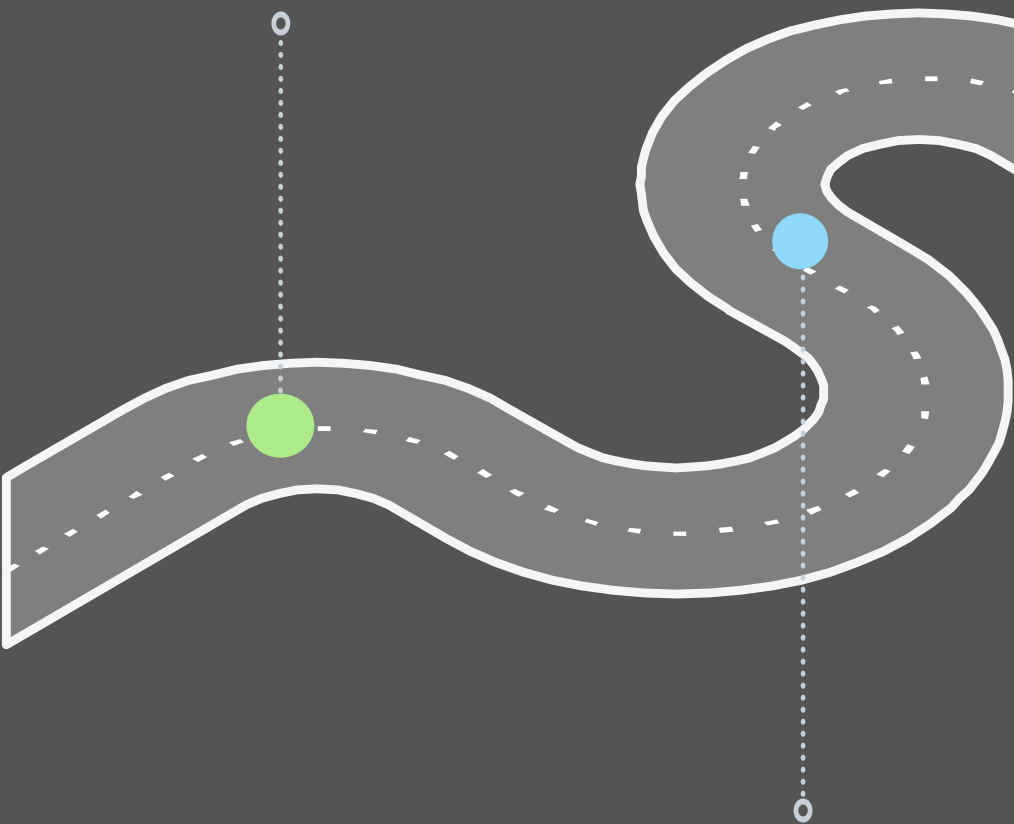
Use data to inform  
decisions about  
long-term projects



Improve the  
quality of life for  
residents

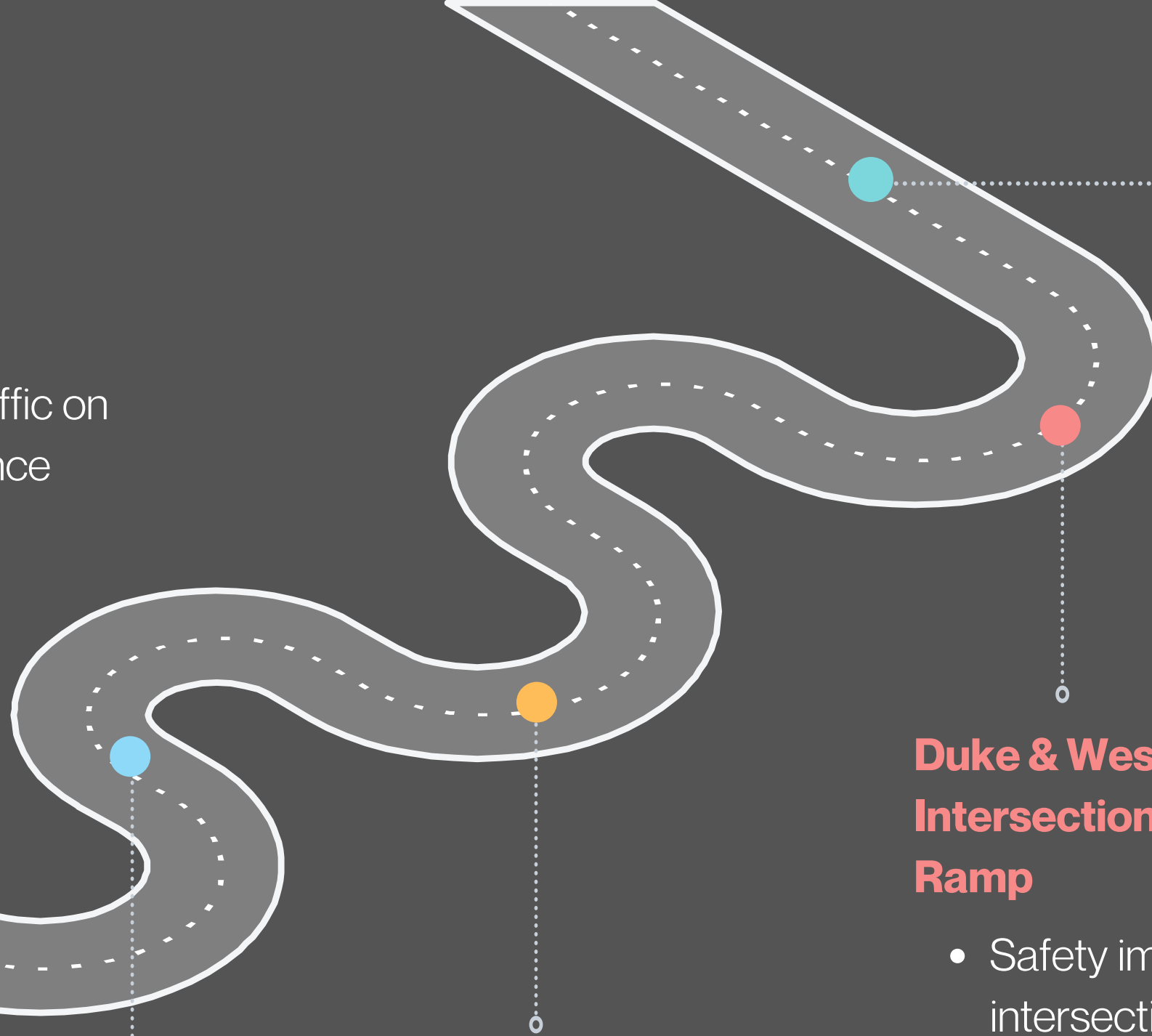
## Central Alexandria Traffic Study

Recommendations to reduce cut-through traffic on local streets and advance capital projects



### Pilot - Phase I

Change signal timing to shift cut-through traffic patterns onto arterial streets and off neighborhood streets



### Pilot - Phase II

Reinstate signal timing from Phase I Pilot and restrict access to Telegraph Road from West Taylor Run Parkway

### Duke & West Taylor Run Intersection & Access Ramp

- Safety improvements at intersection
- Restrict access from WTR to Telegraph
- Construct new left turn access ramp to Telegraph from eastbound Duke Street

### Duke Street Transitway

- Full corridor redesign of Duke Street to provide high capacity transit along the corridor
- Includes new transit stations, enhanced frequency, signal technology to move people along the corridor
- Could include upgrades to the streetscape, pedestrian and bicycle access depending on design

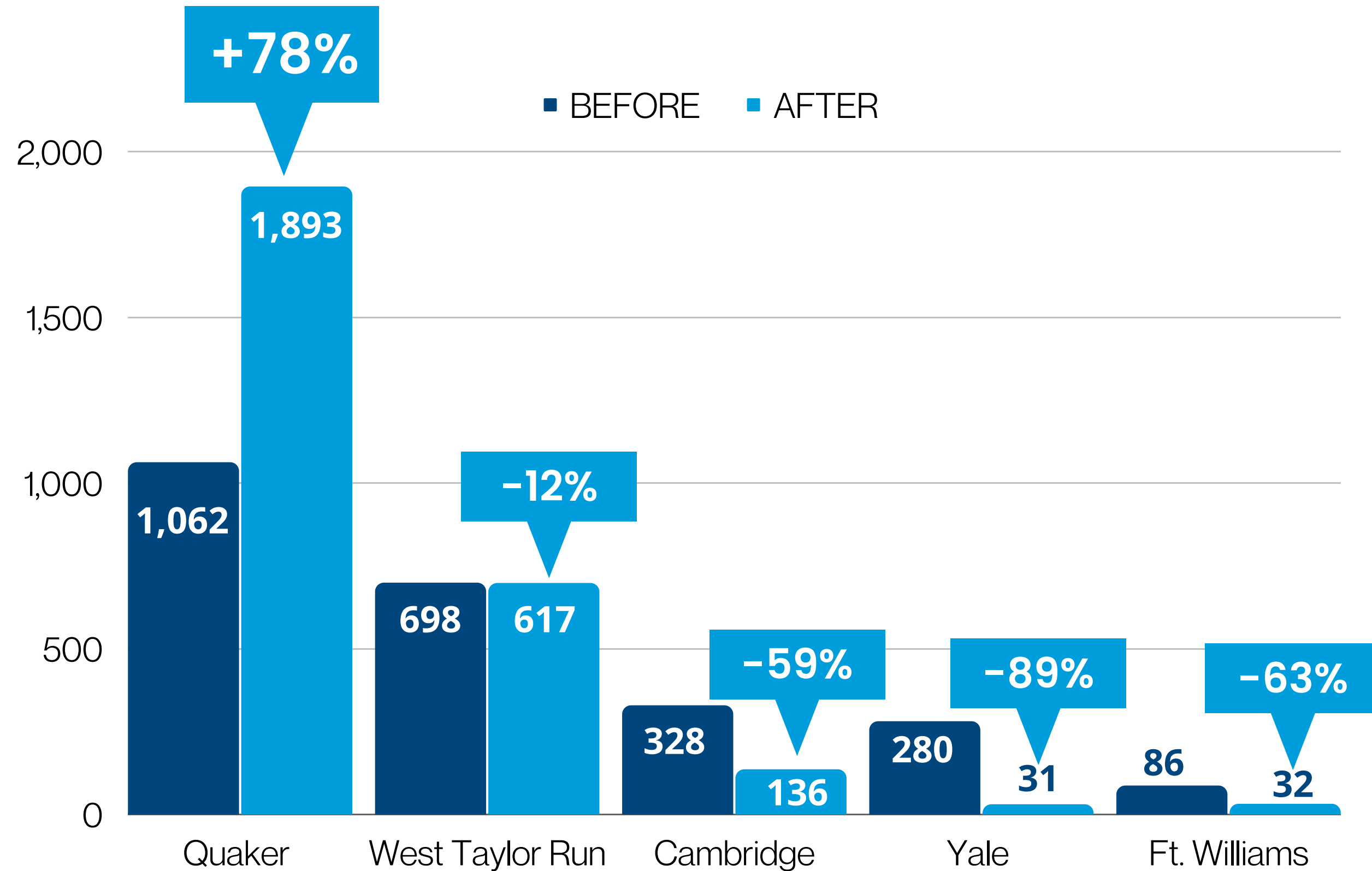
# Roadmap for Duke Street

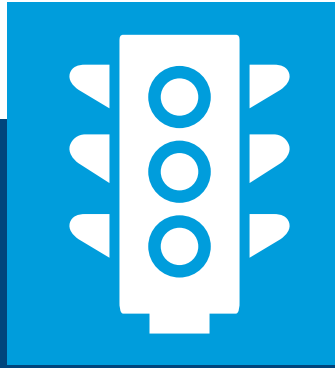
## Phase I Pilot

# Key Findings

- 41% of cut-through traffic shifted off local streets
- Cut-through traffic increased by 10% overall
- Travel times using Quaker Lane were 20% faster

## Changes in Cut-Through Traffic Volumes

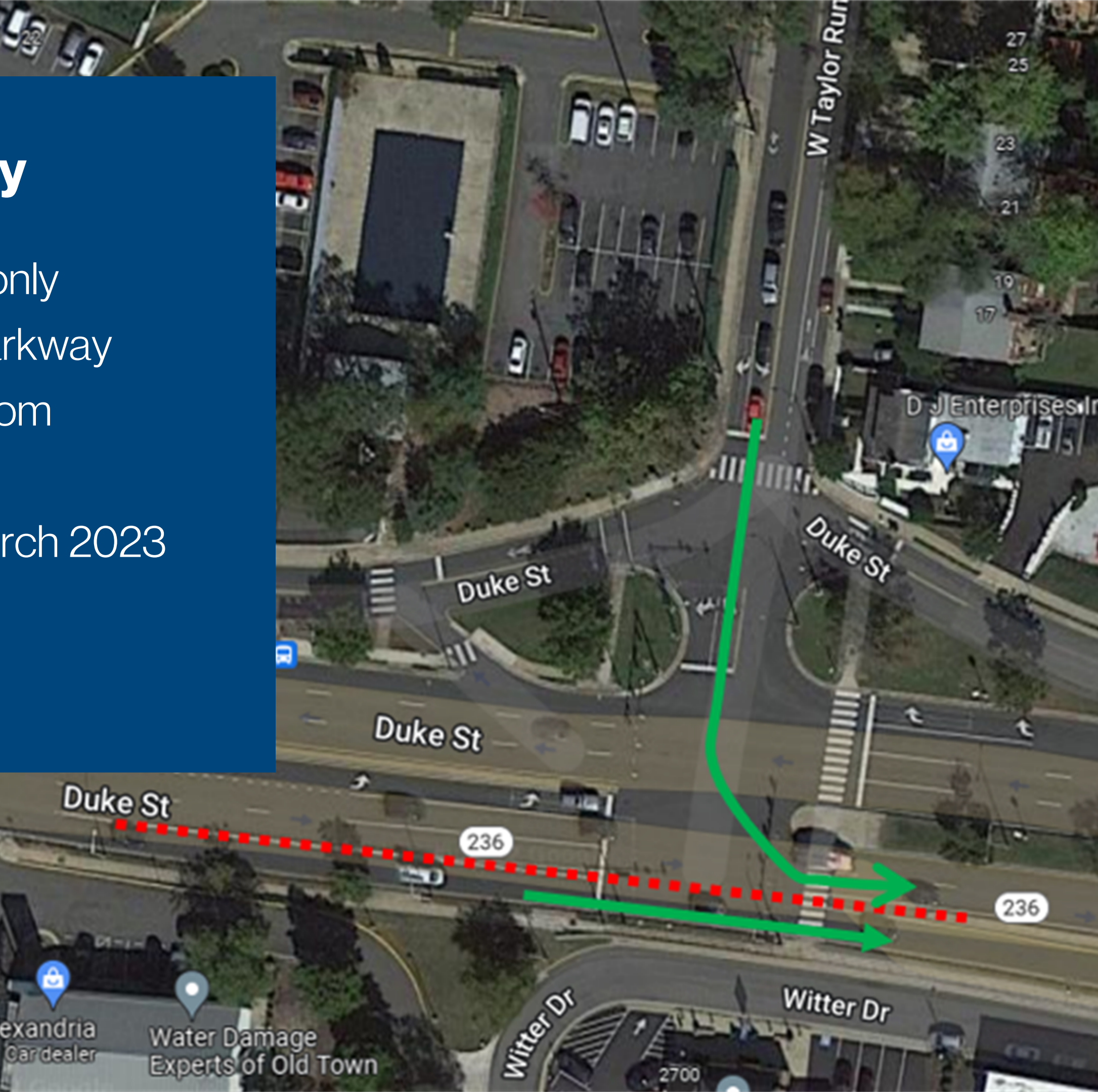




# West Taylor Run Parkway

- Phase I signal timing in **PM Peak Hours** only
- Restrict access from West Taylor Run Parkway directly onto the Telegraph Road ramp from eastbound Duke Street AT ALL TIMES
- Potential Timing: Ongoing - Extend to March 2023

# Traffic Mitigation Pilot - Phase II



# Phase II Evaluation



## Nighborhood Streets

GOAL: Minimize impact to neighborhood streets by reducing cut-through traffic by 30% from BEFORE period

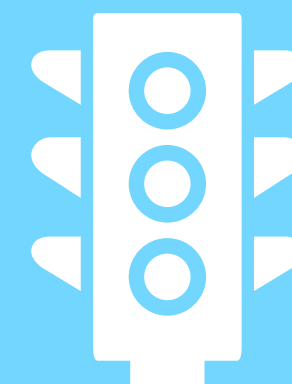


## West Taylor Run

GOAL: Reduce cut-through traffic volumes on West Taylor Run Parkway by 20%



## Duke Street Congestion



GOAL: Improve travel times and reduce vehicles queues on Duke Street



# Traffic Observations

## **Regional Traffic**

**More** cars are on the road with **increased** congestion

## **Quaker Lane**

Volume is redirecting to Quaker Ln but with some **back-ups**

## **West Taylor Run**

Traffic volumes are **down** by **35%**

## **Telegraph Road Ramp**

Ramp queues are **rolling** with **less** back-ups

Continual Engagement & Information Sharing



**OCTOBER**

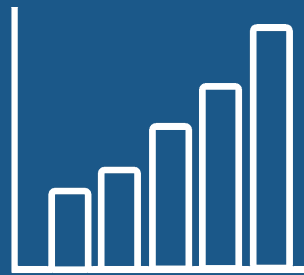
- Community Feedback
- TPB Public Hearing

**WE ARE HERE**



**NOVEMBER**

- Evaluate modifications after Metro reopens
- Duke and WTR meeting



**WINTER**

- Initial data analysis
- Evaluate changes



**SPRING**

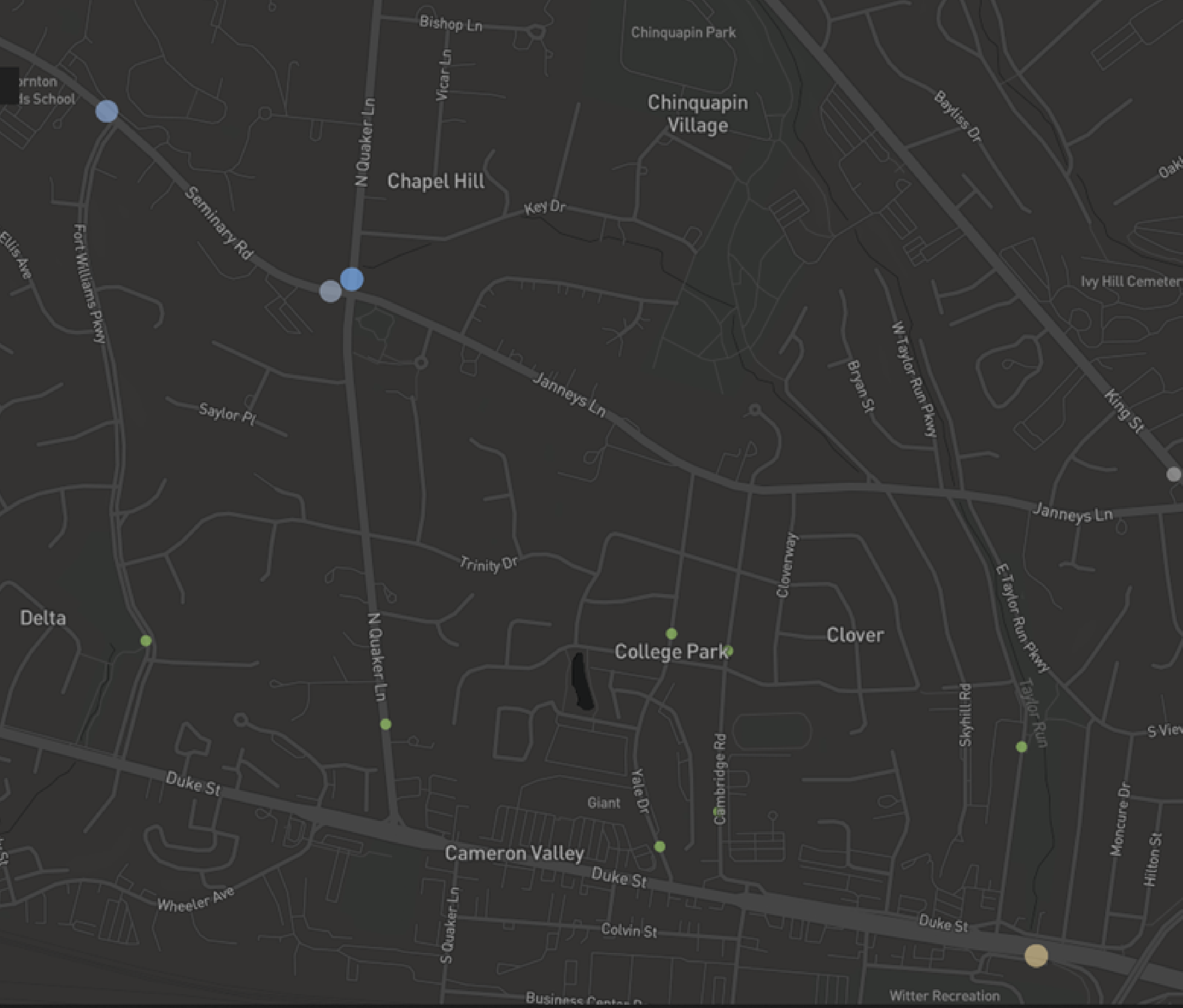
- Pilot Ends
- Evaluation
- Preferred Designs for Transitway & Intersections

**NEXT STEPS**

STAFF RECOMMENDATION

**That the board  
approves the  
traffic  
mitigation pilot  
extension until  
March 2023**





# Contact & Project Information



703-746-4017



[hillary.orr@alexandriava.gov](mailto:hillary.orr@alexandriava.gov)



[www.alexandriava.gov/go/2649](http://www.alexandriava.gov/go/2649)

# Stop Signs – Administrative Approval Process

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Agenda Item 9

Presenter: Mr. Scolese



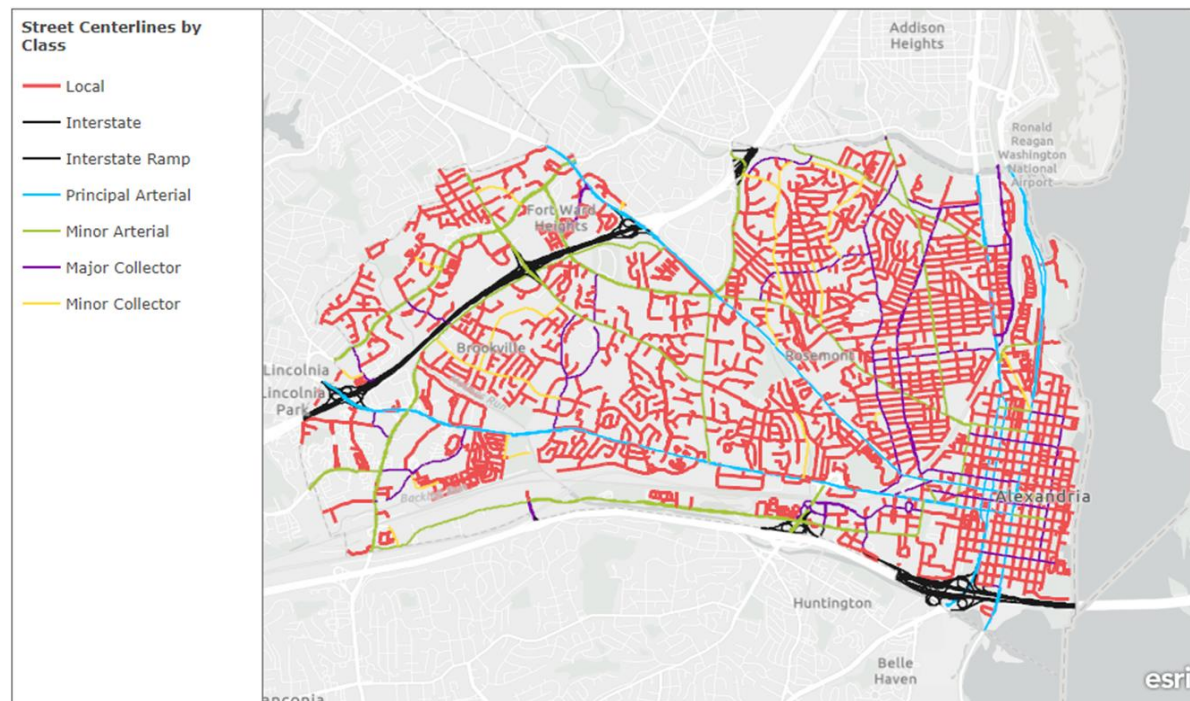
# Stop Sign Administrative Process Recommendations

- Multi-way Stops Sign Requests
- Unsigned / Yield Control Three-legged Intersections (T-Intersections)

***Process recommendation is developed around the MUTCD additional criteria for Multi-way Stops***

# Multi-way Stop Sign Eligibility

- Local-on-local roadway intersections as classified by the most current [VDOT's Functional Classification Map](#) AND
  - Roadways approaches are two-lanes only (one-lane in each direction and turn lanes are considered a lane) AND
- Total daily intersection volumes less than 6,000 vehicles per day AND
- The major and minor roadway volume ratio approximately 60:40 AND
- There has been at least one correctable crash within the past five (5) years or:
  - If sight distance standards cannot be met without removing nearby parking spaces, vegetation, structures, or other natural obstacles.



# Multi-way Stop Sign Ineligible

- Any street other than a local roadway as classified by the most current VDOT's Functional Classification Map
- Intersections within the functional area of a signalized intersection
- Intersections with more than four-legs
- Private streets (the City only maintains public streets)
- Intersections immediately adjacent to fire departments or hospital emergency entrances
- Intersections with funded projects or active studies

Example of more than four-legs



Example of intersection within functional area of signal





# Additional Considerations

- The location is near a daily pedestrian generator or on a direct route to a daily pedestrian generator, such as school, park, public facility, or transit stop.
- Intersections with turn restrictions
- Emergency vehicle, schools, bus, and truck routes
- Intersections that are planned to be funded or have previous recommendations (previously studied)
- Intersections spaced less than 100' apart
- Nearby planned or installed traffic calming measures
- One-way streets
- Crash history exceeding the eligible requirements
- Approaching speeds exceeding the speed limit

***This is to ensure that a condition above is not impacted negatively from a multi-way stop***

# Neighborhood Support

**Same requirements as the traffic calming (speed hump) request program**

- 70% support of address on the adjacent blocks (One signature per household)
- Condominium and apartment buildings incorporating 25 or more households will not be required to get signatures from all the residents, but rather the written support of the stop sign request by the condominium association or property management company

***This is to ensure that the neighborhood characteristics requirement of a multi-way stop analysis are met.***

# Unsigned / Yield Control T-Intersections

*Staff recommend that requests to install stop signs on the minor street at three-legged intersections (T-intersections) with “Yield”-control or unsigned minor approaches be approved administratively.*

Example of T-intersection with no sign



## Recommendation

That the Board approve the administrative process for reviewing local on local stop sign requests.

# Information Items

## **STAFF UPDATES**

- FY 2024 Budget Priorities
- Update on upcoming change to Curb Cut Process
- 2023 Meeting Calendar

# FY 2024 Budget Priorities

- Request from City Manager to provide input on the FY 2024 Budget priorities.
- FY 2023 Feedback from T&PB:
  - Enforcement
  - Parking and Wayfinding Technology
  - Safety – Vision Zero, Complete Streets, Safe Routes to School
  - Sidewalk Repair and Expansion
  - Disabled Pedestrians
  - Staffing levels