



**CITY OF ALEXANDRIA**  
**Transportation &**  
**Environmental Services**

# **Staff Presentation: Appeal of the Traffic and Parking Board's July 22, 2024, Decision**

**Recommending Roadway Design Changes on South Pickett Street between Duke Street and Edsall Road**





# Petition

Request to appeal the Traffic & Parking Board's July 22 recommendations for South Pickett Street





# Project Location



## Legend

Existing

- Multi-Use Trail
- Bike Lane
- Bike Route
- Bus Stop

Planned

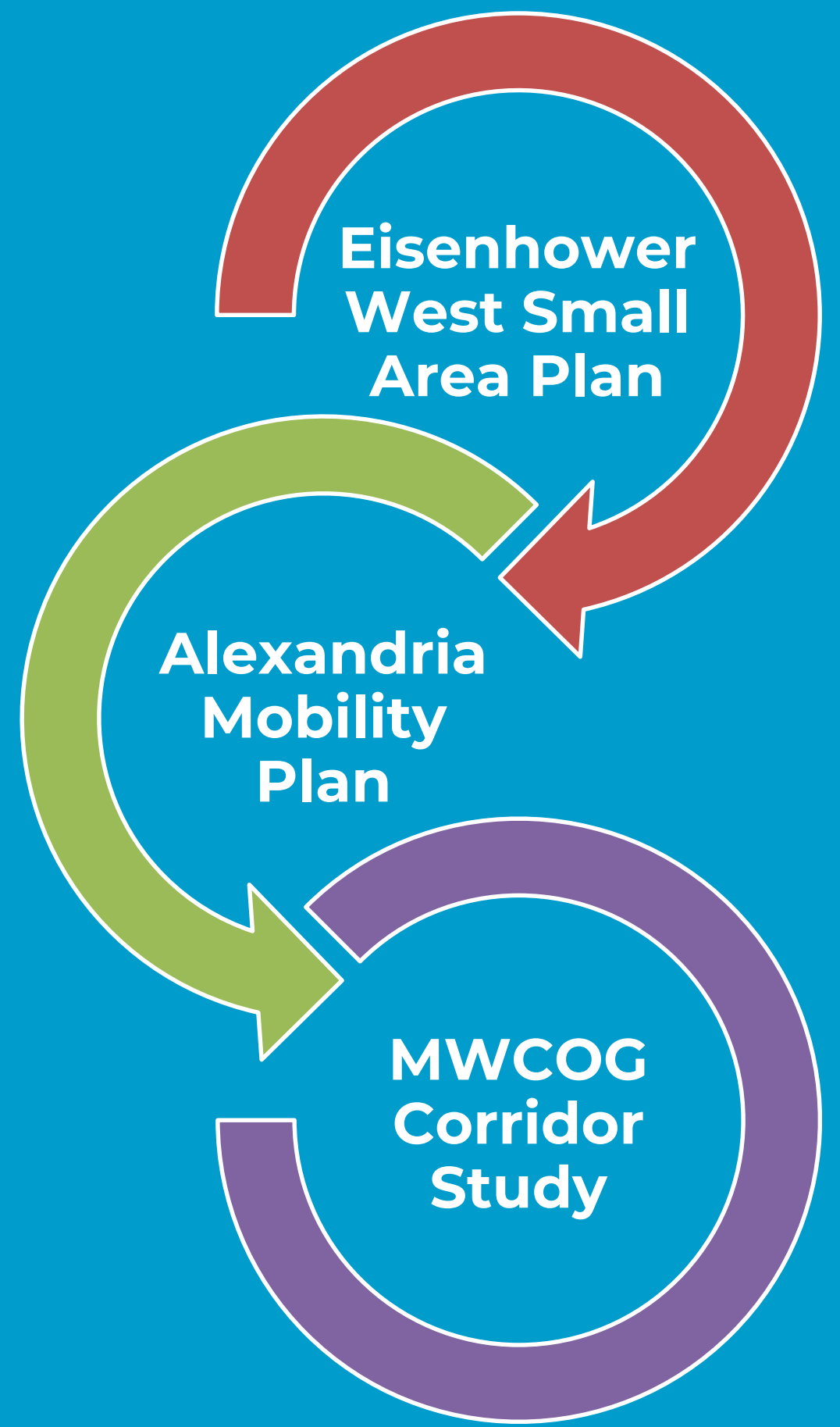
- BRT Route
- Bike Lane
- Shared-Lane







# Background & Context



## Issues Identified



High Vehicle Speeds



Limited Ped/Bike Facilities

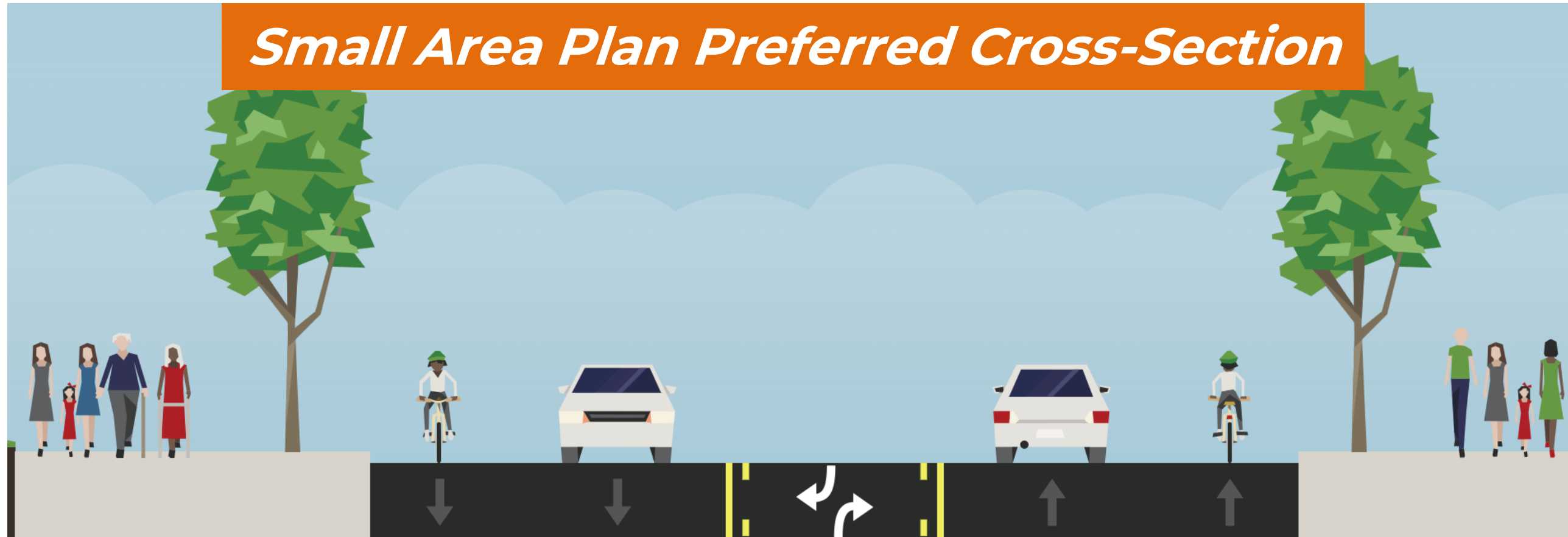


High Number of Crashes



Intersection Delays

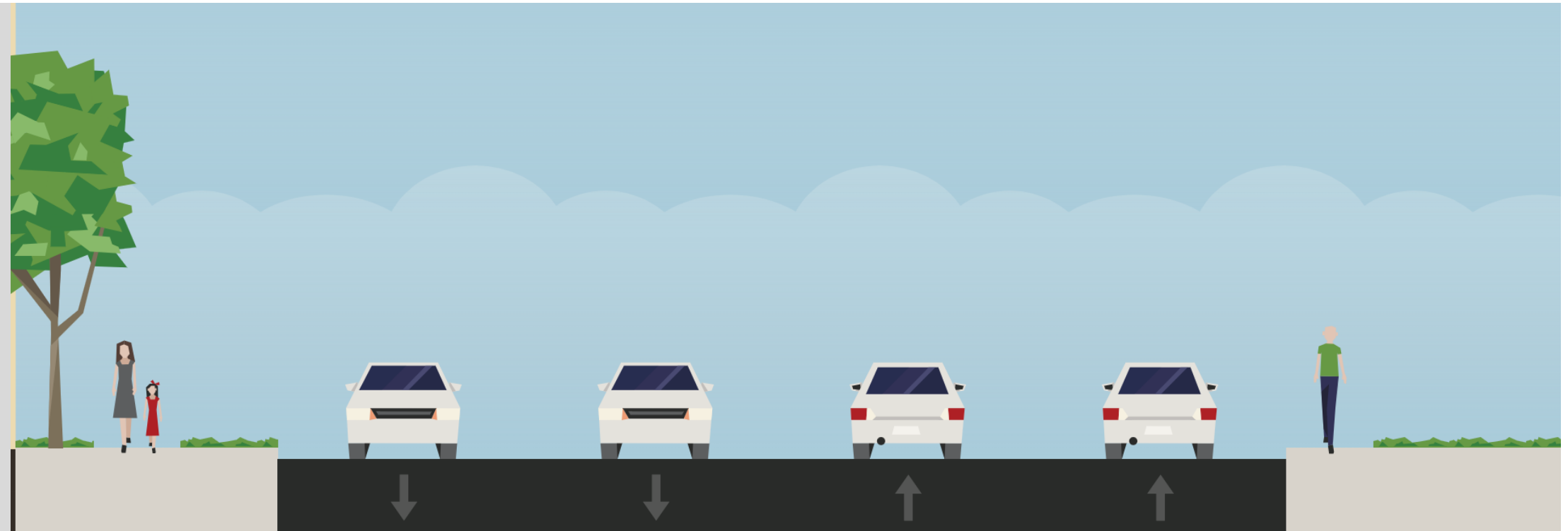
## *Small Area Plan Preferred Cross-Section*



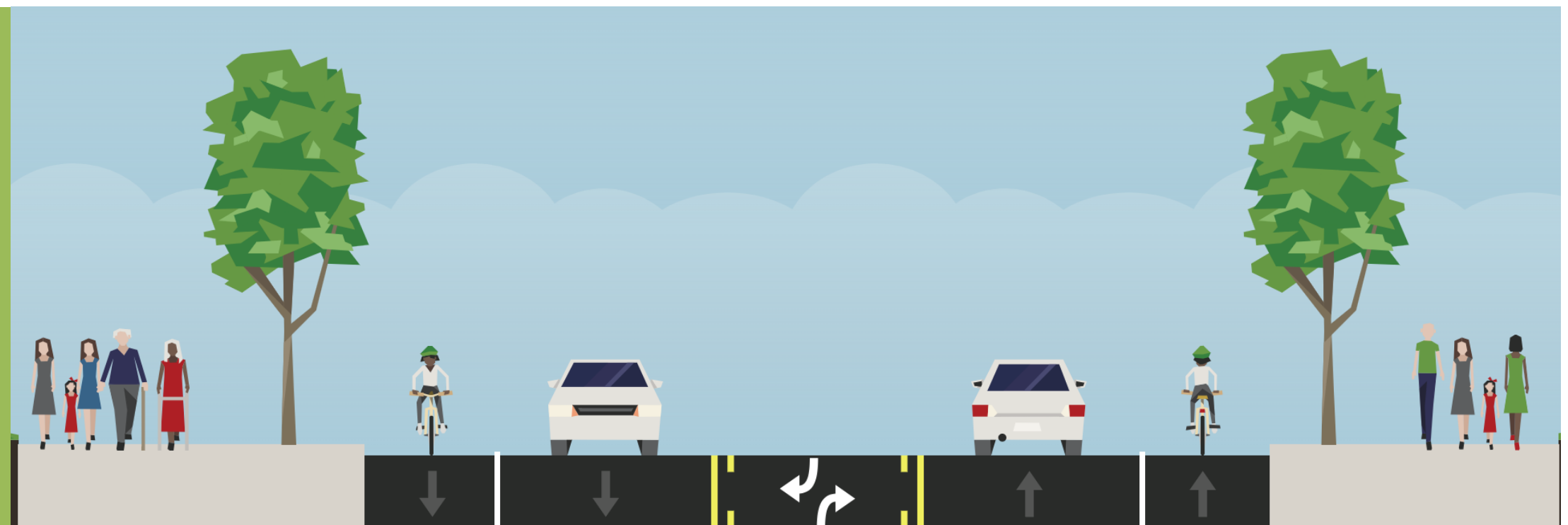


# Existing Conditions

**Existing  
Cross-Section**



**Small Area Plan  
Preferred  
Cross-Section**





# Concept Design



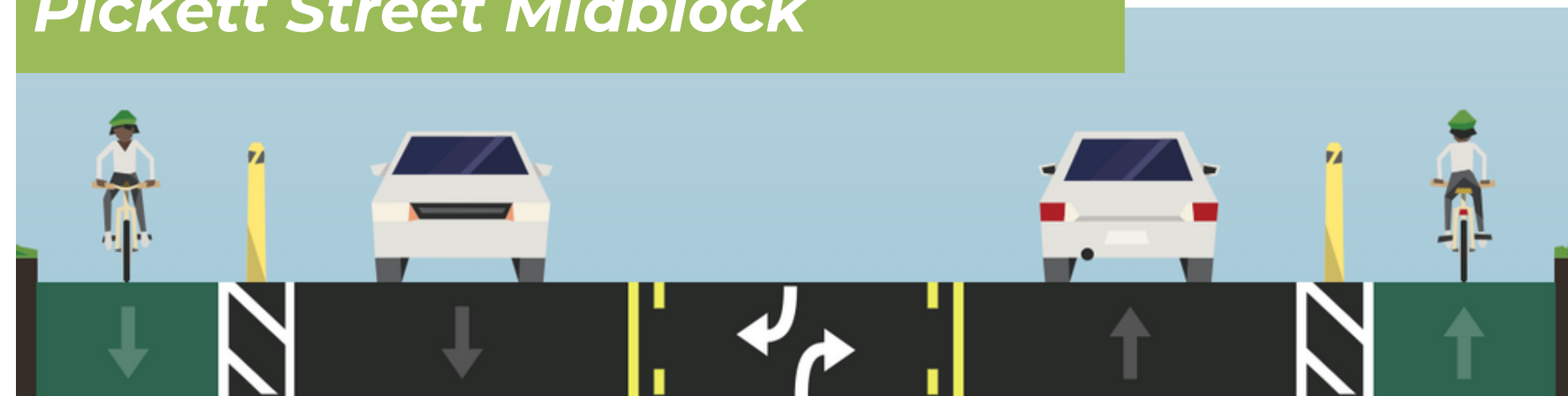
## Major Intersections

*Pickett Street at Edsall Road*



## Midblock

*Pickett Street Midblock*



*Pickett Street at Duke Street*

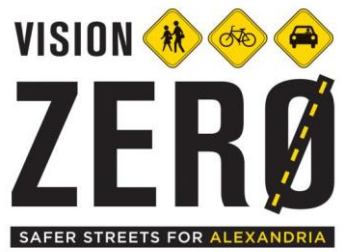


*Pickett Street Midblock*





# Industry Guidance



## Safe Speed Limits

Reducing speed limits reduces crashes.



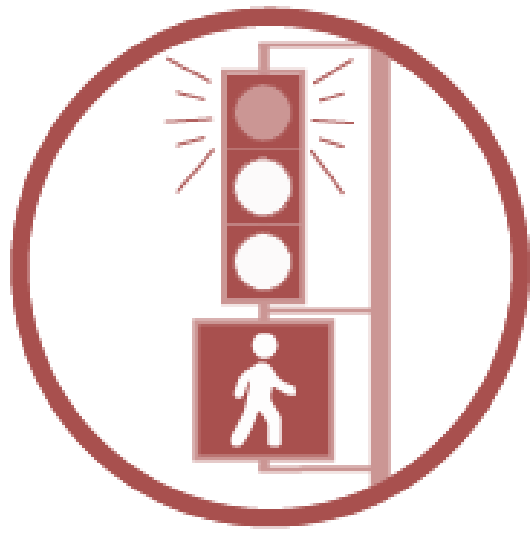
## Road Diets

Up to 47% reduction in crashes.



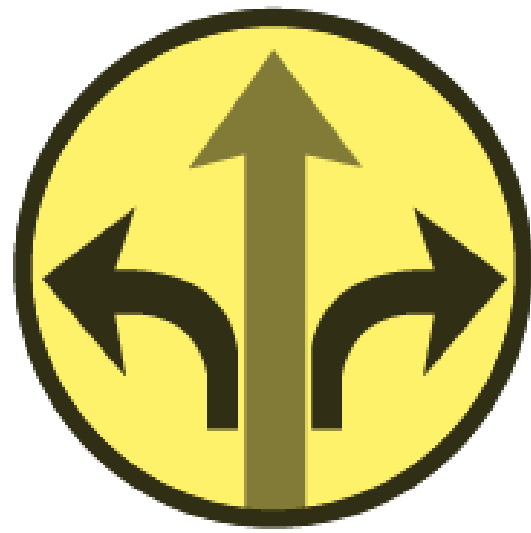
## Pedestrian Refuge Islands

Up to 56% reduction in crashes.



## Leading Pedestrian Intervals

13% reduction in crashes.



## Dedicated Turn Lanes

Up to 48% reduction in crashes.



## Bicycle Lanes

Up to 49% reduction in crashes.





# Traffic Summary

- **South Pickett Street has 13-15k vehicles per day**, similar to King Street and Seminary Road
- **Project maintains travel times** and was found to operate acceptably, even during peak hours
- **Overall intersection levels of service B and C remain unchanged** at Duke Street and Edsall Road, respectively







# Community Feedback

**68%**

think providing **safe pedestrian crossings** is important or very important

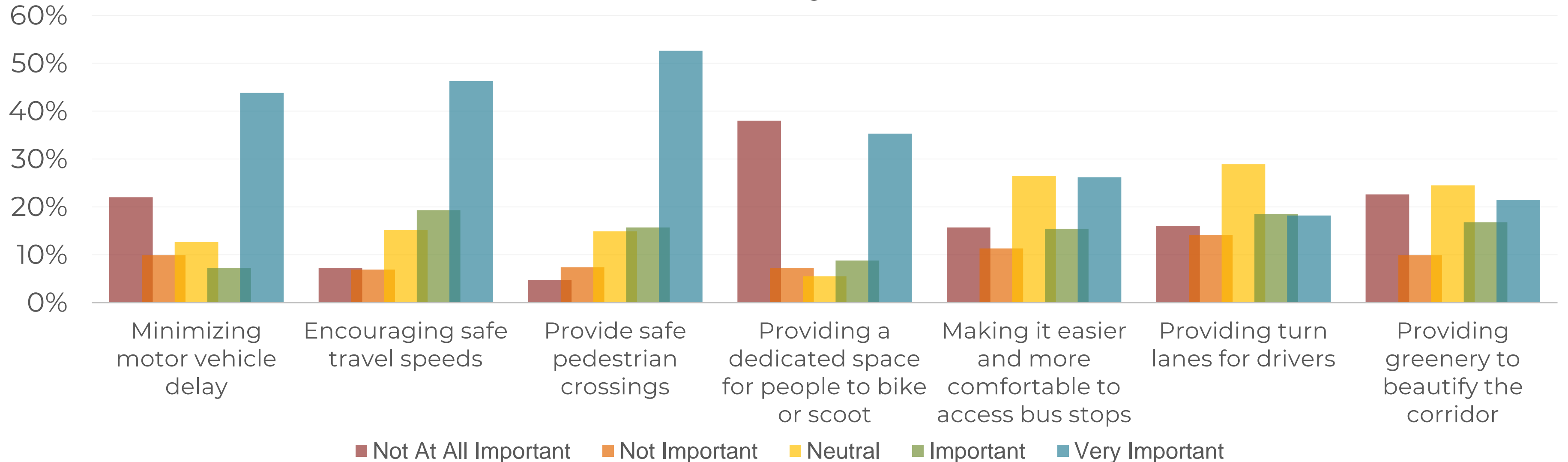
**66%**

think **encouraging safe travel speeds** is important or very important

**51%**

think **minimizing motor vehicle delay** is important or very important

## Feedback on Project Priorities





# Community Concerns

## Traffic Impacts

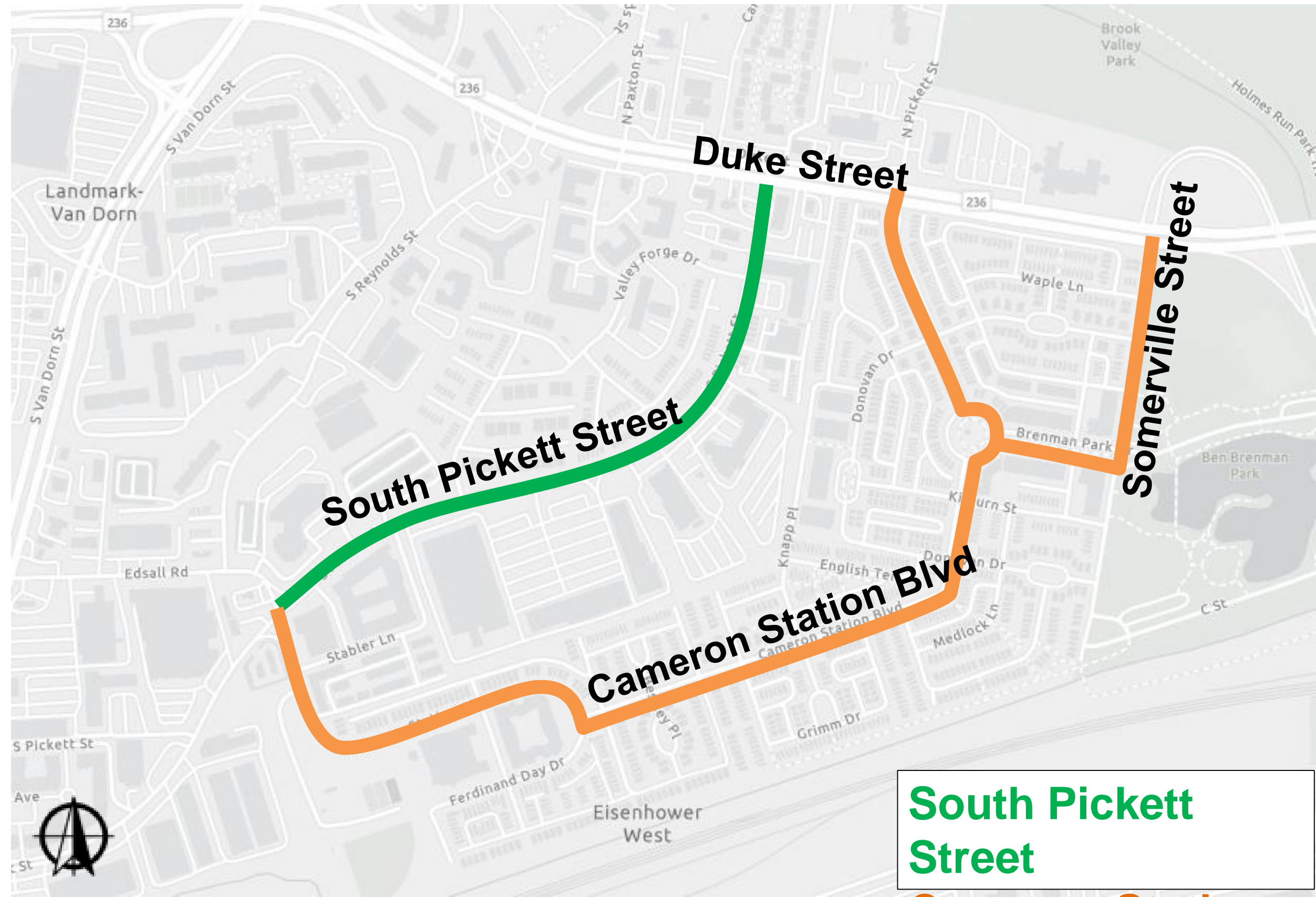
- Based on corridor traffic analysis, no significant traffic impacts are expected

## Cut-Through Traffic

- No additional incentive to use Cameron Station
- City will monitor traffic before and after

## Business Impacts

- Customers and employees will have more travel options
- Trucks cannot continue to load/unload on South Pickett



**South Pickett Street**





**CITY OF ALEXANDRIA**  
**Department of Transportation**  
**& Environmental Services**

## **Staff Recommendation:**

- That City Council Concur with the Traffic & Parking Board's recommendations for South Pickett Street;
- Deny the appeal.

