

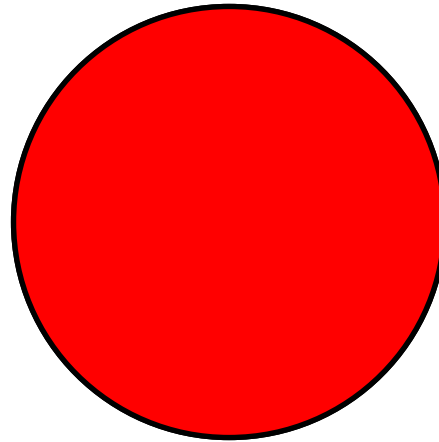
# Public Comment

- 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*

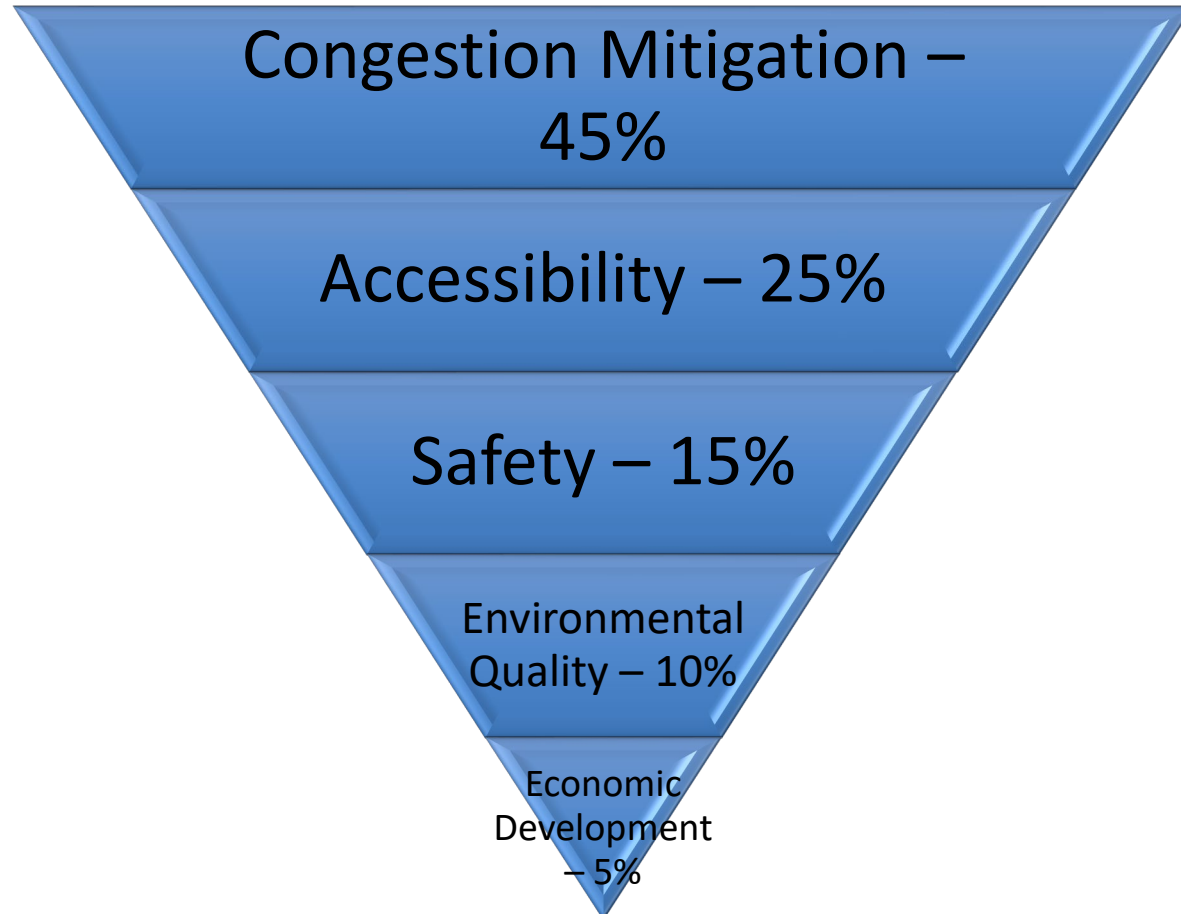


# Public Hearing: **SMART SCALE Grant**

Agenda Item 6



# Scoring Criteria



- Land Use – 0%
  - *“Up to 100% added to the benefit score based on normalized measure performance”*
- Score Multiplier
- Enhanced score for aligning with land use goals

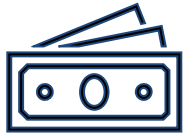


# Previous Awards

Smart Scale Funding FY 2022 - FY 2027								
Project Name	PRIOR YEAR	FY22	FY23	FY24	FY25	FY26	FY27	PROJECT TOTAL
Old Cameron Run Trail	\$ 2,732,000				\$ 1,000,000	\$ 1,273,000	\$ 2,541,000	\$ 7,546,000
Safety and Capacity Enhancements (Duke St. and West Talor Run)	\$ 2,045,000			\$ 3,700,000				\$ 5,745,000
Broadband Link for Eisenhower Avenue	\$ 1,000,000							\$ 1,000,000
Traffic Adaptive Signal Comtrol	\$ 7,010,000	\$ 5,266,000	\$ 2,410,000					\$ 14,686,000
West End Transitway	\$ 2,934,000	\$ 4,505,000	\$ 4,029,000					\$ 11,468,000
DASH Bus Service and Facility Expansion	\$ 7,008,000	\$ 3,421,000	\$ 2,928,000	\$ 1,281,000				\$ 14,638,000
Access Improvements to the Landmark Transit Hub	\$ -			\$ 3,950,000	\$ 2,384,000			\$ 6,334,000
Citywide TSP on Major Corridors	\$ -			\$ 374,000	\$ 1,736,000			\$ 2,110,000
West End Transitway Corridor Investments	\$ -			\$ 23,610,000	\$ 33,590,000			\$ 57,200,000
DASH Zero Emission Fleet Expansion	\$ -			\$ 4,960,000	\$ 7,040,000			\$ 12,000,000
Route 1 and Glebe	\$ -					\$3,112,946		\$ 3,112,946
Route 1 South Median	\$ -		\$ 2,235,000	\$ 1,000,000	\$ 1,046,000			\$ 4,281,000
Landmark Mall Transit Center	\$ -					\$ 12,997,059		\$ 12,997,059
<b>SMART Scale Total</b>	<b>\$ 22,729,000</b>	<b>\$ 13,192,000</b>	<b>\$ 11,602,000</b>	<b>\$ 38,875,000</b>	<b>\$ 46,796,000</b>	<b>\$ 17,383,005</b>	<b>\$ 2,541,000</b>	<b>\$ 153,118,005</b>



# Project 1: King Street-Bradlee Safety and Mobility Enhancements



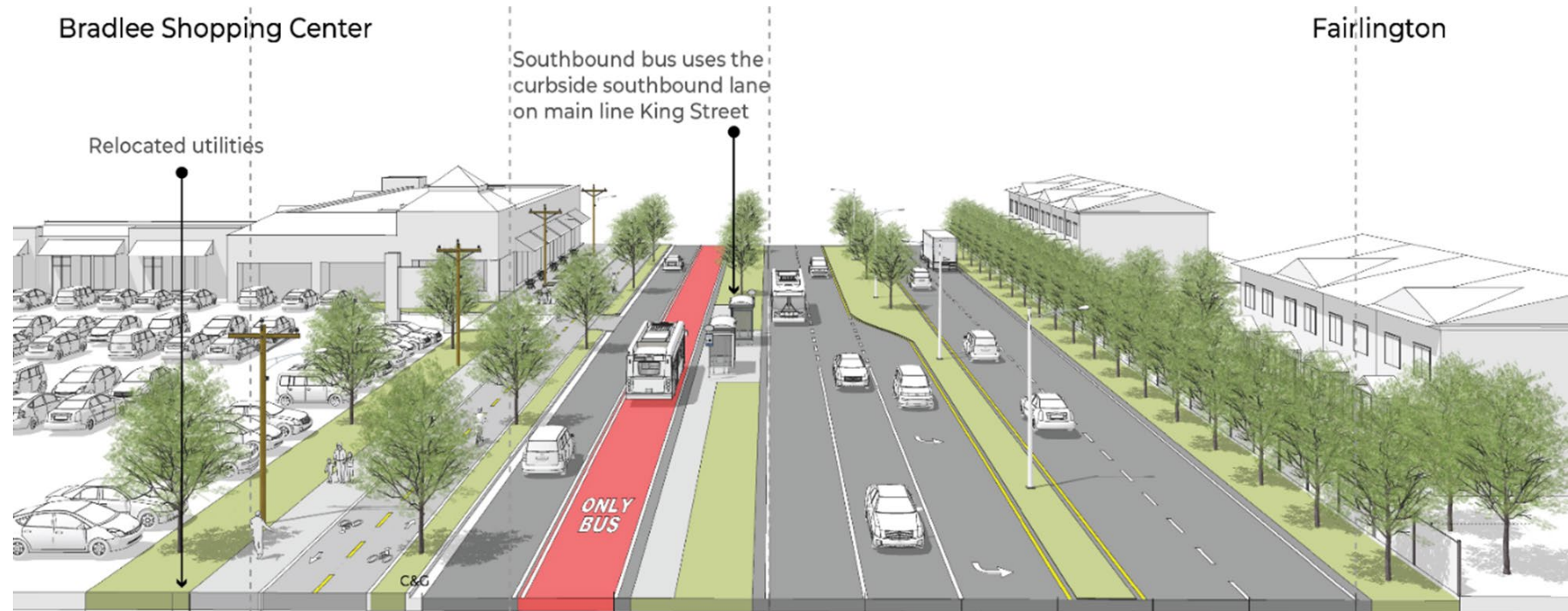
Up to \$20 million



Two-way cycle track and widened sidewalk meet Alexandria Mobility Plan goals and improve safety

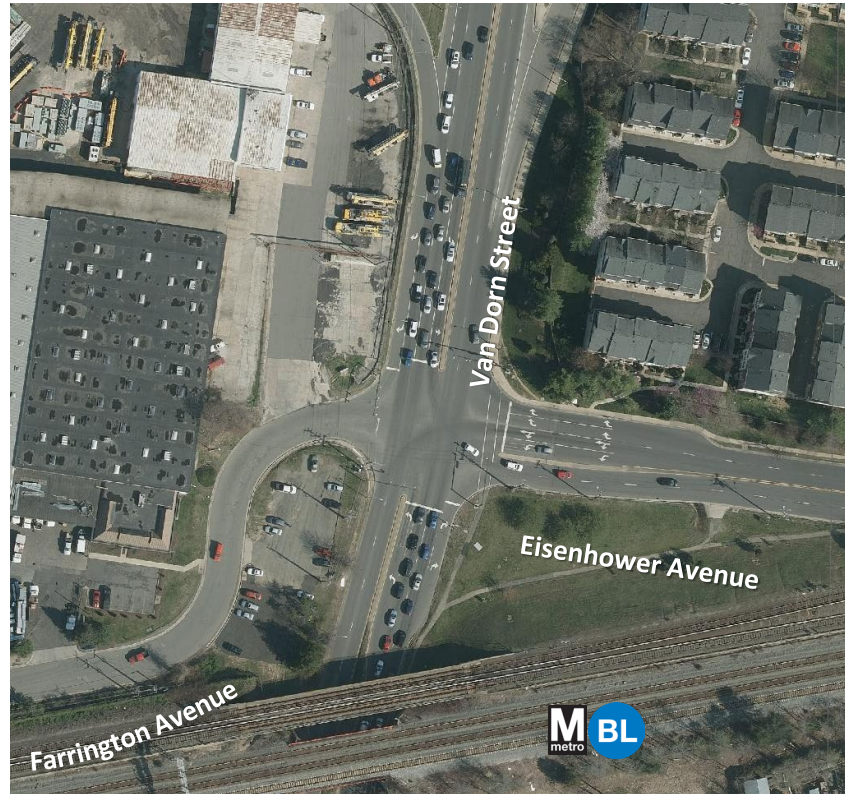


One-way traffic and dedicated bus lane in access road improve bus reliability and vehicular safety



# Project 2: Eisenhower Avenue and Van Dorn Street Improvements

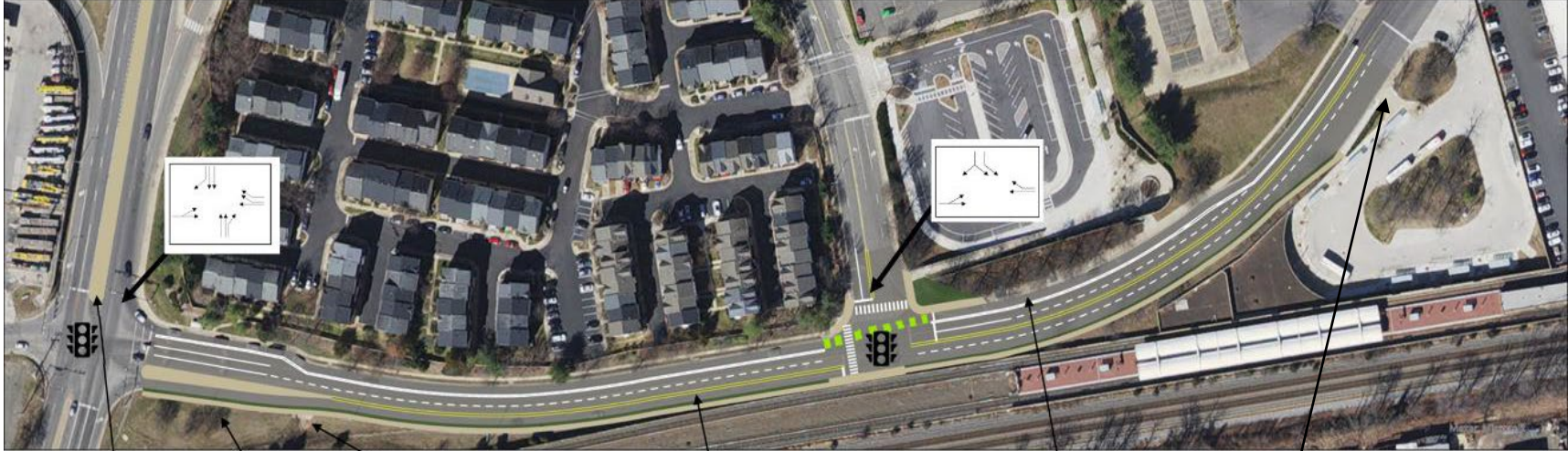
- Up to \$25 Million
- Ped crashes crossing Eisenhower
- Inadequate/missing ped infrastructure
- Poor accessibility to/from Van Dorn Street Metro
- Numerous angle crashes
- Significant queueing and delays on Van Dorn in PM peak



# Project 2: Eisenhower Avenue and Van Dorn Street Improvements



- Improved and new sidewalks
- Protected two-way cycle facility
- Improved crosswalks and pedestrian refuges
- Landscaping and gateway opportunities
- New bus facilities
- Minimize left-turn conflicts
- Reduced delays by up to 40-60 seconds on average per vehicle with reduced queueing



Relocate left-turns through Metro Road. Introduce new and safer pedestrian crossings

New sidewalk with buffer between Van Dorn Street and Van Dorn Metro

Improved transit facilities with new shelter

Reduce cross-section to add sidewalk and cycle facilities

Two-cycle facility between Van Dorn Metro and Van Dorn Street

Improved transit facilities with new shelter





# Project 3: Duke Street and Route 1 Intersection Improvements

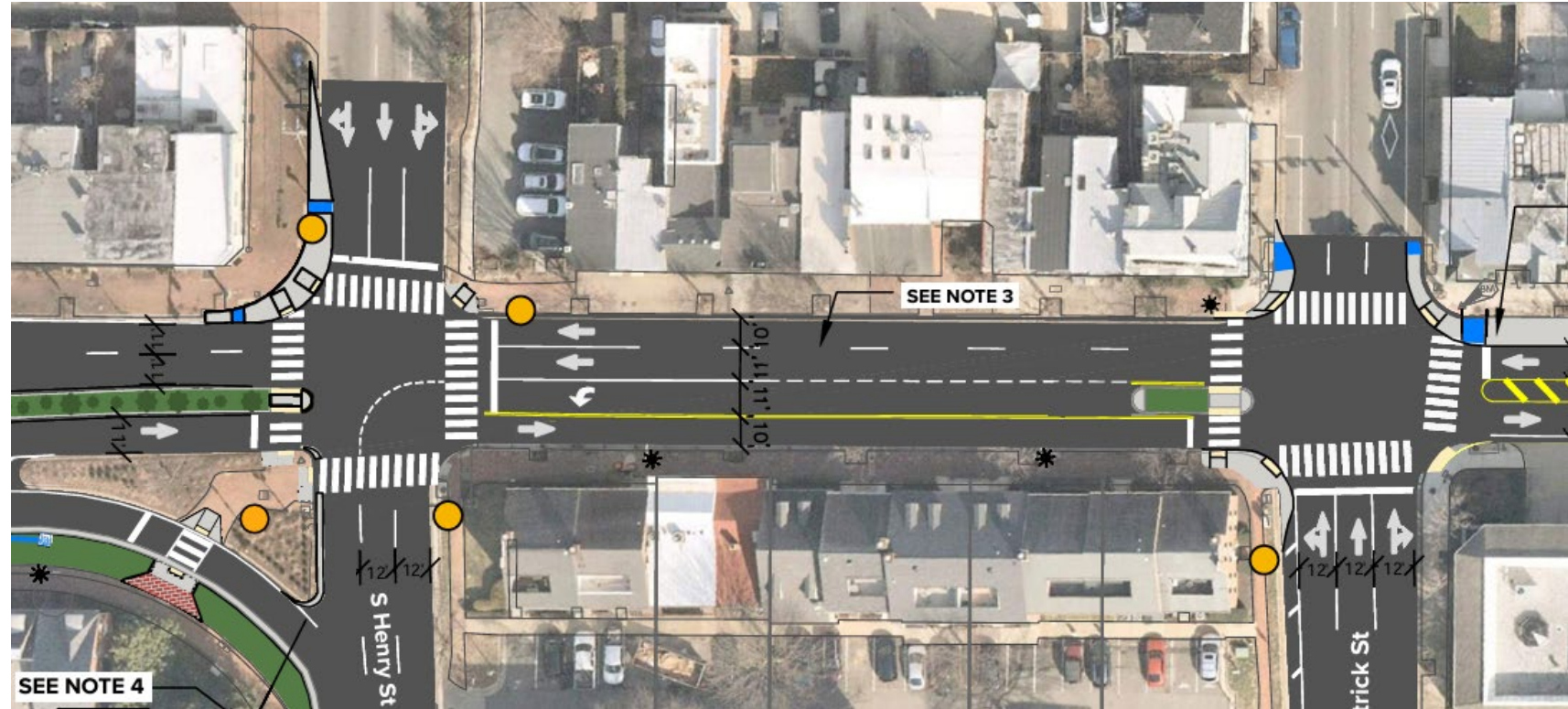


Up to \$5 million



Safety improvements:

- Duke Street/South Patrick Street
- Duke Street/South Henry Street
- Curb extensions
- Medians
- Lighting
- Slip lane modifications
- Signal improvements
- Trees



# Shirlington Rotary/South Glebe

Joint Application with NVTA, Arlington County, and VDOT

- Improve safety by eliminating weaving and merging conflicts
- Improve driver understanding through better markings and signage
- Improve traffic flows through the rotary

City of Alexandria Components:

- New traffic signal at realigned rotary lanes with Quaker Lane
- New traffic signal at Gunston Road with realigned ramp

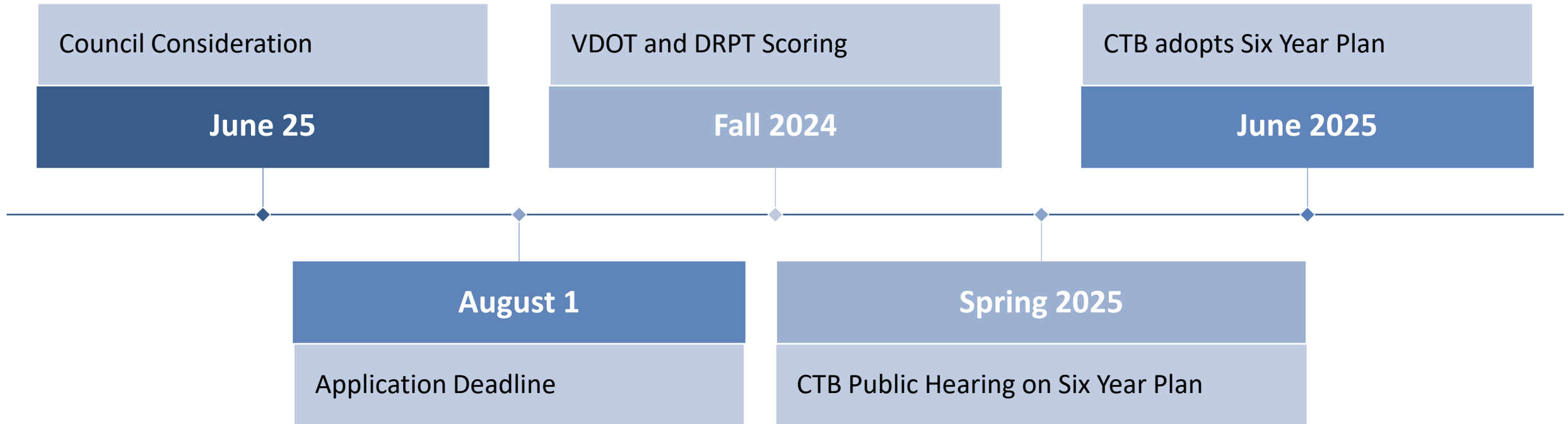


Summary of  
*Maximum*  
Funding  
Requests

City of Alexandria Projects	Maximum Funding Request
King Street-Bradlee Safety and Mobility Enhancements	Up to \$25 million
Eisenhower Avenue and Van Dorn Street Improvements	Up to \$20 million
Duke Street and Route 1 Intersection Improvements	Up to \$5 million
Shirlington Rotary	No Funding Request



# Next Steps



# Recommendation

That the Transportation Commission endorse a letter to City Council in support of the FY 2030 – FY 2031 SMART SCALE applications and in support of the joint application with Northern Virginia Transportation Authority (NVTA) and Arlington County for the Shirlington Rotary.



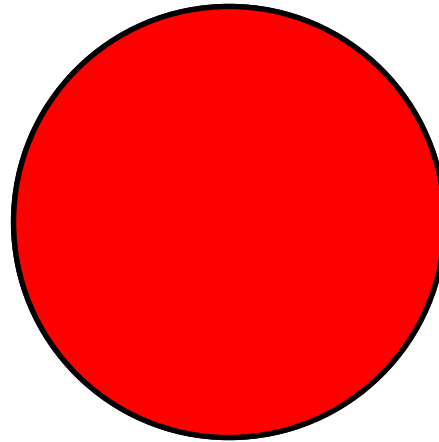
# Public Hearing Comments

- 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*



# Public Hearing: Safe Streets and Roads for All Grant

Agenda Item 7





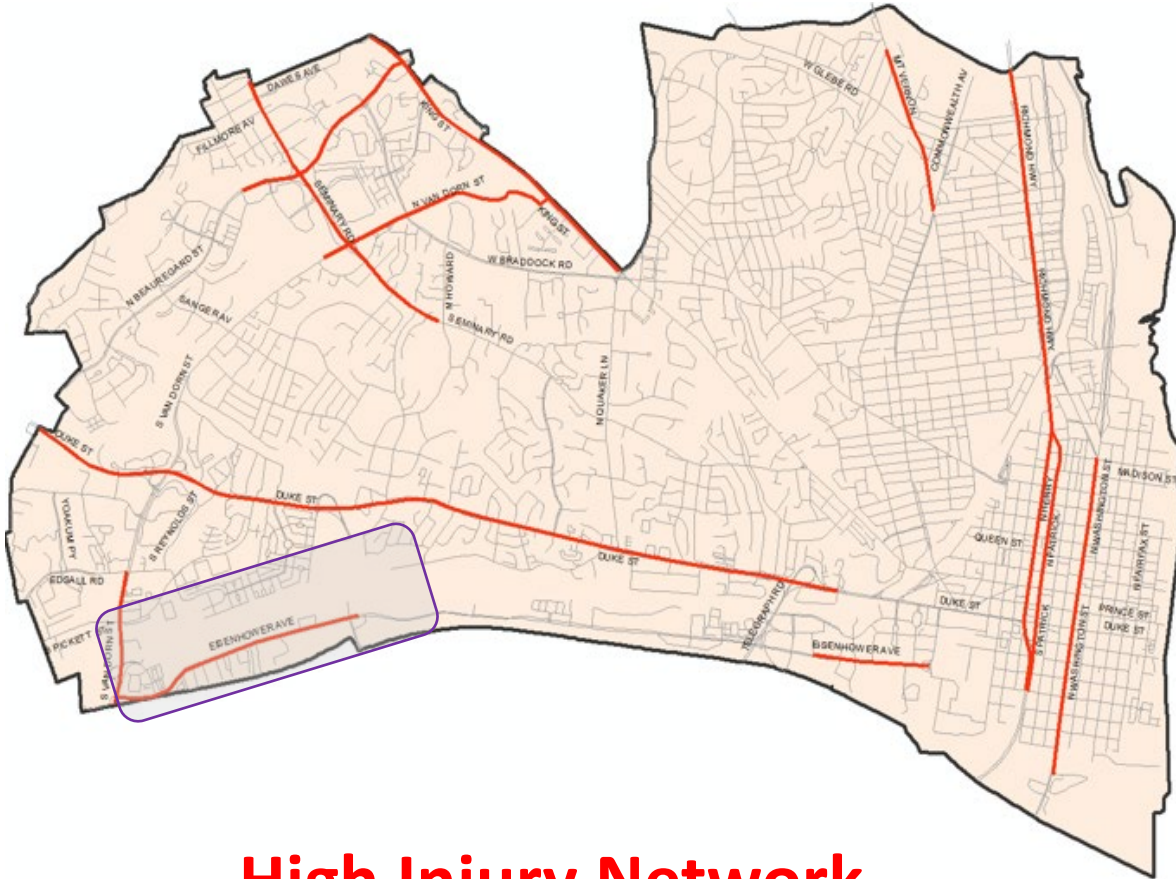
## Safe Streets and Roads for All:

- Supports **preventing roadway deaths and serious injuries**
- Eligible Grant Activities (\$1B available in FY24)
  - **Planning & Demonstration Grants**
  - Implementation Grants

## Additional Information:

- \$100,000-\$10M award range for Planning and Demonstration grants
- 20% local match required
- Applications due August 29, 2024
- Award announcements expected by late 2024





**High Injury Network**

- **Vision Zero Policy & Action Plan** adopted by City Council in 2017
- **Goal to eliminate fatal and severe crashes by 2028**

## Documented Issues

- Speeding & Cut-through traffic
- Substandard walkways and trails
- Limited and unsafe ped crossings
- Poor access to/near Metro Stations
- Severe Crashes between Metro Road and Clermont Avenue

## Grant

- Up to \$750,000
  - 20% local match
- Interim safety and mobility improvements
  - Between Van Dorn Street and Mill Road (West)
- Study and evaluate long-term solutions
  - Holmes Run Trail and Mill Road (West)



# Recommendation

That the Transportation Commission endorse a letter to City Council in support of the Safe Streets and Roads for All (SS4A) Program application.



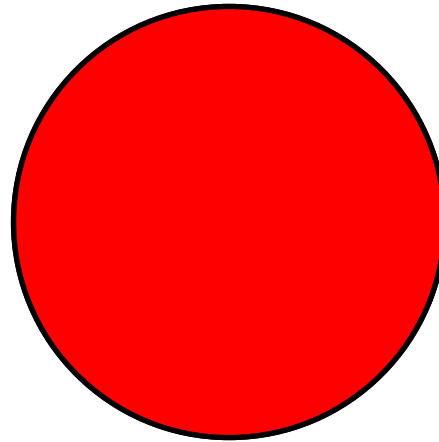
# Public Hearing Comments

- 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*



# Public Hearing: USDOT SMART Grant

Agenda Item 8



# SMART

Strengthening Mobility and Revolutionizing Transportation

*SMART is a 2-stage program focused on “smart community technologies”*

## Stage 1

Up to \$2 million

## Stage 2

Up to \$15 million



CONNECTED VEHICLES



DELIVERY/ LOGISTICS



SENSORS



SYSTEMS INTEGRATION



COORDINATED AUTOMATION



INNOVATIVE AVIATION



SMART GRID



TRAFFIC SIGNALS





# The Project

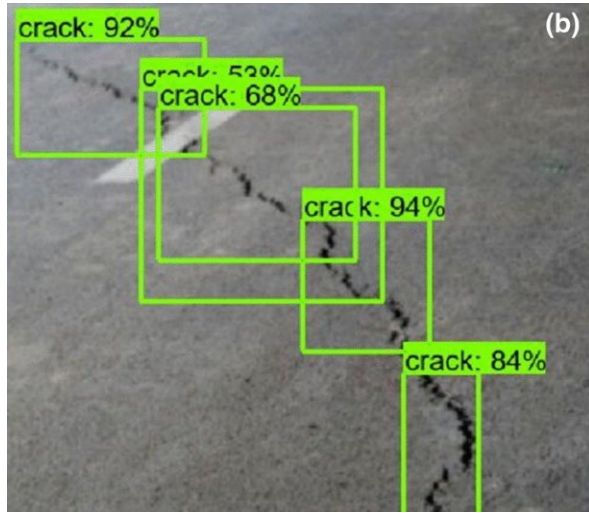
- Up to \$2 million
- Evaluate infrastructure quality
  - Pavement
  - Signs
  - Sidewalks
  - Pavement Markings
- Attach sensors to City vehicles
- Provide real time information on SOGR
  - Not just 311
  - Equity-focused
- Determine accuracy and reliability
- Scale up the best solution



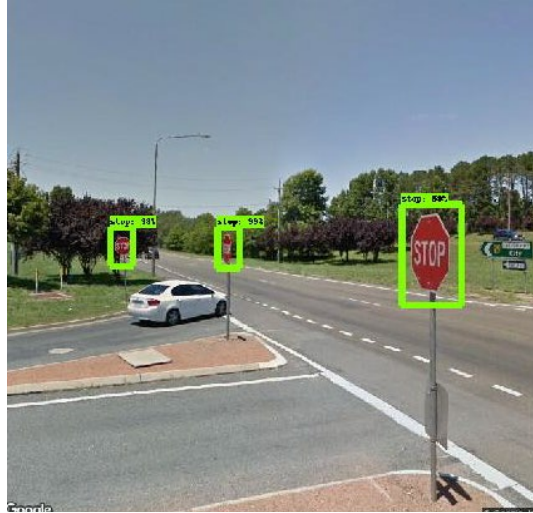
## ALEXANDRIA SMART MOBILITY



# Focus Areas



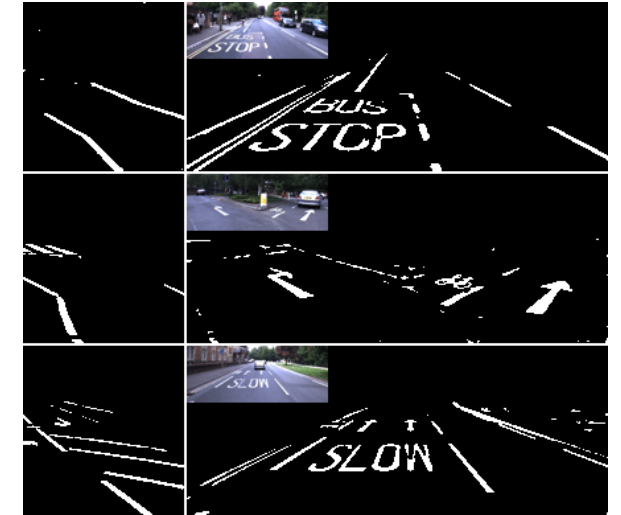
Pavement Condition



Traffic Signs



Sidewalk Quality

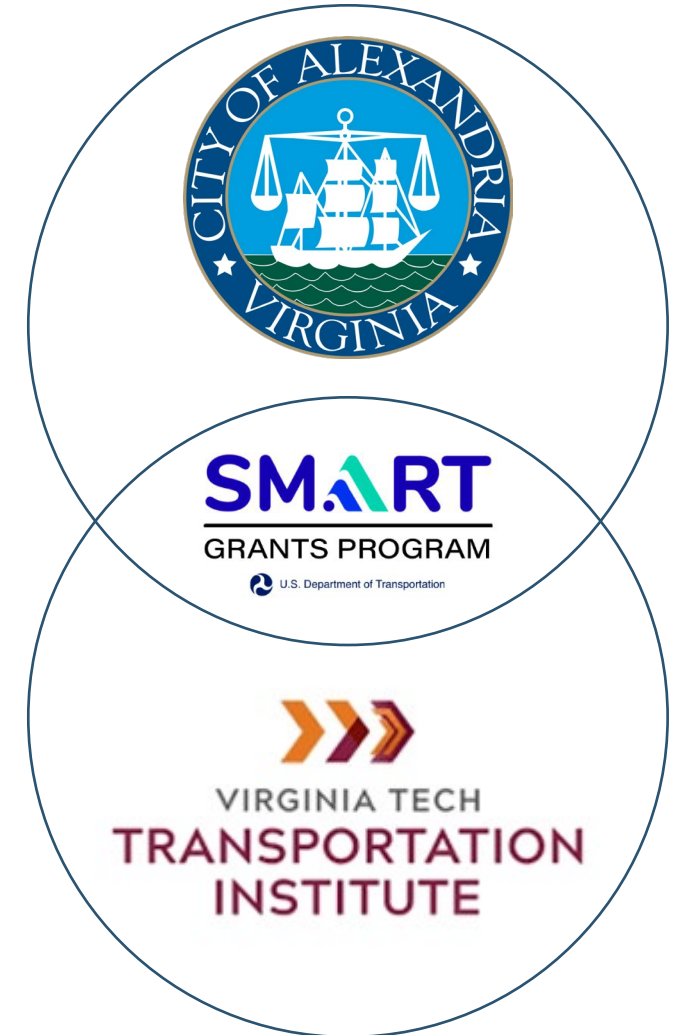


Pavement Markings



# The Partnership

- VTTI supports the deployment and evaluation of technology
- Academic research can ensure City investments are reliable and accurate
- Alexandria has developed an award-winning model for leveraging research in smart mobility



# Recommendation

That the Transportation Commission endorse a letter to City Council in support of the SMART Grant application.



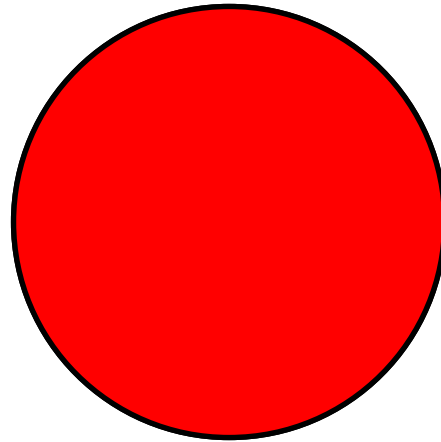
# Public Hearing Comments

- 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*



# Public Hearing: Transportation Long Range Plan Scoring Finalization

Agenda Item 9



# Long Range Transportation Plan (LRP)

**LRP- *Unconstrained*** list of transportation projects, programs and studies

1. Project List – capital projects which are not funded (prioritized by the Transportation Commission)
2. Studies List
3. Developer Contingent Project List





# 2022 LRP Timeline

**April**

**Review LRP Process and Projects List**

- Introduction and Review Scoring Criteria

**May**

**Discuss draft LRP/Scores**

- Commissioner Provided Draft Scores
- Staff Compiled Commissioner
- Presented Draft Ranked List at Public Hearing
- Provided updates to scores based on discussion
- Moved to bring to June hearing for Adoption

**June**

**Consider for Adoption**



# Project Scores

Tier 1 High priority for Staff  
 Tier 2 Medium priority for Staff  
 Tier 3 Low priority for Staff

Proj. ID	2018 Rank	2020 Rank	2022 Rank	2024 DRAFT Ranking	2024 Ranking	Name	Dan Beattie	Leslie Catherwood	Casey Kane	Tim Lovain	Jody Manor	Jim Maslanka	Melissa McMahon	Matthew McManus	Average Score	Staff Priority
P-1	3	3	4	1	1	Upper King Street Multimodal Redesign (Quaker Lane to N. Hampton)	75	76	60	72	62	58	60	73	67.0	1
P-14	5	6	3	3	2	Trail projects in the Pedestrian and Bicycle Chapter of the Alexandria Mobility Plan	75	76	63	70	59	62	55	65	65.6	2
P-10	9	14	17	4	3	Norfolk Southern Rail spur in OTN converted into multi-use path	75	67	57	68	65	63	60	69	65.5	1
P-3	11	7	8	12	4	Madison Street Bike facility	77	76	60	66	63	49	58	75	65.5	2
P-12	17	12	9	6	5	Multimodal Bridge over Norfolk Southern Tracks to Connect Eisenhower Avenue and S. Pickett Street	71	74	61	68	61	58	60	70	65.4	3
P-20	NA	NA	6	2	6	I-395 Bicycle and Pedestrian Bridge	75	61	59	72	58	62	62	70	64.9	2
P-22	NA	NA	7	5	7	Safe Routes to Schools Walk Audit Implementation	74	65	62	72	54	58	56	74	64.4	1
P-2	10	13	11	11	8	Commonwealth Avenue nonmotorized bridge	71	75	59	69	61	53	59	68	64.4	3
P-13	2	2	1	7	9	Priority Sidewalk AND BICYCLE projects in the Pedestrian and Bicycle Chapter of the Alexandria Mobility Plan	71	64	65	71	47	63	63	70	64.3	1
P-5	12	4	2	8	10	Sanger Avenue Bridge	71	74	64	70	49	61	54	71	64.3	3
P-11	15	9	15	13	11	Connection between Potomac Yard Park to Mount Vernon Trail	73	78	60	67	58	51	54	71	64.0	3
P-17	NA	5	5	17	12	Permanent Pedestrian Crossing Improvements on Eisenhower Avenue at Metrorail Station	71	72	60	72	43	57	56	79	63.8	1
P-19	NA	NA	9	15	13	Union Street Pedestrian and Safety Enhancements	63	69	58	68	59	58	59	73	63.4	2
P-23	NA	NA	14	9	14	Vision Zero High Crash Intersection Improvements	67	65	61	72	54	58	60	69	63.3	1
P-24 (New)	NA	NA	NA	10	15	West End Transitway Phase 2	61	69	60	72	56	60	56	67	62.6	2
P-25 (New)	NA	NA	NA	22	16	Mill Road	56	76	61	66	45	57	64	67	61.5	2
P-21	NA	NA	12	14	17	Telegraph Road Bicycle & Pedestrian Connection	70	54	60	67	56	55	63	67	61.5	3
P-4	14	10	13	16	18	Non-motorized bridge over Cameron Run	69	55	58	68	60	50	56	69	60.6	2
P-18	20	19	18	23	19	I-395 access to West End Town Center	59	64	48	68	50	62	58	69	59.8	1
P-24 (New)	NA	NA	NA	19	20	Eisenhower Pipeline Study Recommendations	76	55	54	67	43	59	56	63	59.1	1
P-6	18	17	20	21	21	S. Van Dom Intersection Improvements	59	45	60	67	49	58	52	69	57.4	3
P-8	19	16	21	25	22	Edsall Road Connector to Farrington Avenue and South Pickett Street (Farrington connector)	61	62	55	67	39	51	52	69	57.0	3
P-24 (New)	NA	NA	NA	18	23	Duke and Van Dom - East	72	43	58	65	47	61	55	54	56.9	1
P-16	NA	11	16	20	24	Interim Bike Facility on Eisenhower Ave	55	42	60	69	58	51	53	66	56.8	2
P-25 (New)	NA	NA	NA	24	25	Shirlington Circie	62	53	51	66	43	56	56	59	55.8	2
P-14	8	18	19	26	26	Commonwealth Ave. Green Street	53	63	53	66	23	50	55	70	54.1	3

# Discussion/Questions?



## Recommendation

That the Transportation Commission move to adopt the 2024 Long Range Transportation Plan.



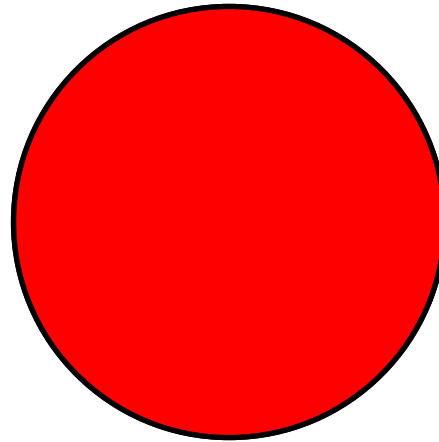
# Public Hearing Comments

- 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*



# Commissioner Updates

Agenda Item #10



# Commission Members

- **Dan Beattie** – Environmental Policy Commission
- **Leslie Catherwood** – Resident East
- **Casey Kane** – Traffic and Parking Board, Eisenhower West/Landmark/Van Dorn Advisory Group
- **Tim Lovain** – Resident East with Transportation Expertise
- **Jody Manor** - Planning Commission
- **Jim Maslanka** – Resident West
- **Melissa McMahon** – Planning Commission
- **Matthew McManus** – Resident West, DASH Advisory Committee
- **John Chapman** – Council (non-voting)
- **Kirk McPike** – Council (non-voting)





# Items for Consent

Agenda Item 11



# Other Business

Agenda Item 12



# Other Business

- July Meeting
- By-Law Update



# Adjourn Transportation Commission Meeting

Next meeting: September 18, 2024

