

Transportation Commission

April 19, 2023

7PM

DASH Facilities and Electronic



Notice

The April 19, 2023, meeting of the Transportation Commission is being held in the DASH Facilities and electronically. Members of Transportation Commission and staff are participating either in-person or from a remote location through video conference call on Zoom. The meeting can be accessed by the public or via 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, DASH Advisory Committee
- **Murat Omay** – DASH Board
- **John Chapman** – Council (non-voting)
- **Kirk McPike** – Council (non-voting)



Public Comment Period

Agenda Item #1



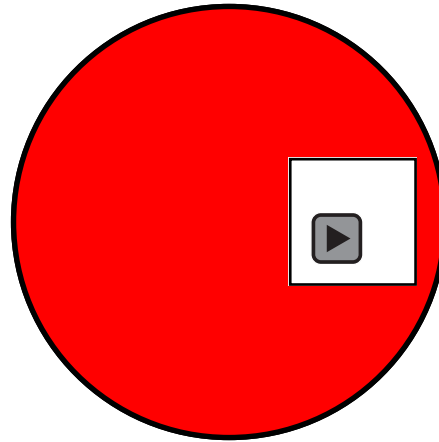
Public Comment

- 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: March 15, 2023

Agenda Item #2



DASH Updates and Consideration of a Letter of Endorsement for the Proposed FY24 Transit Development Plan

Agenda Item #3



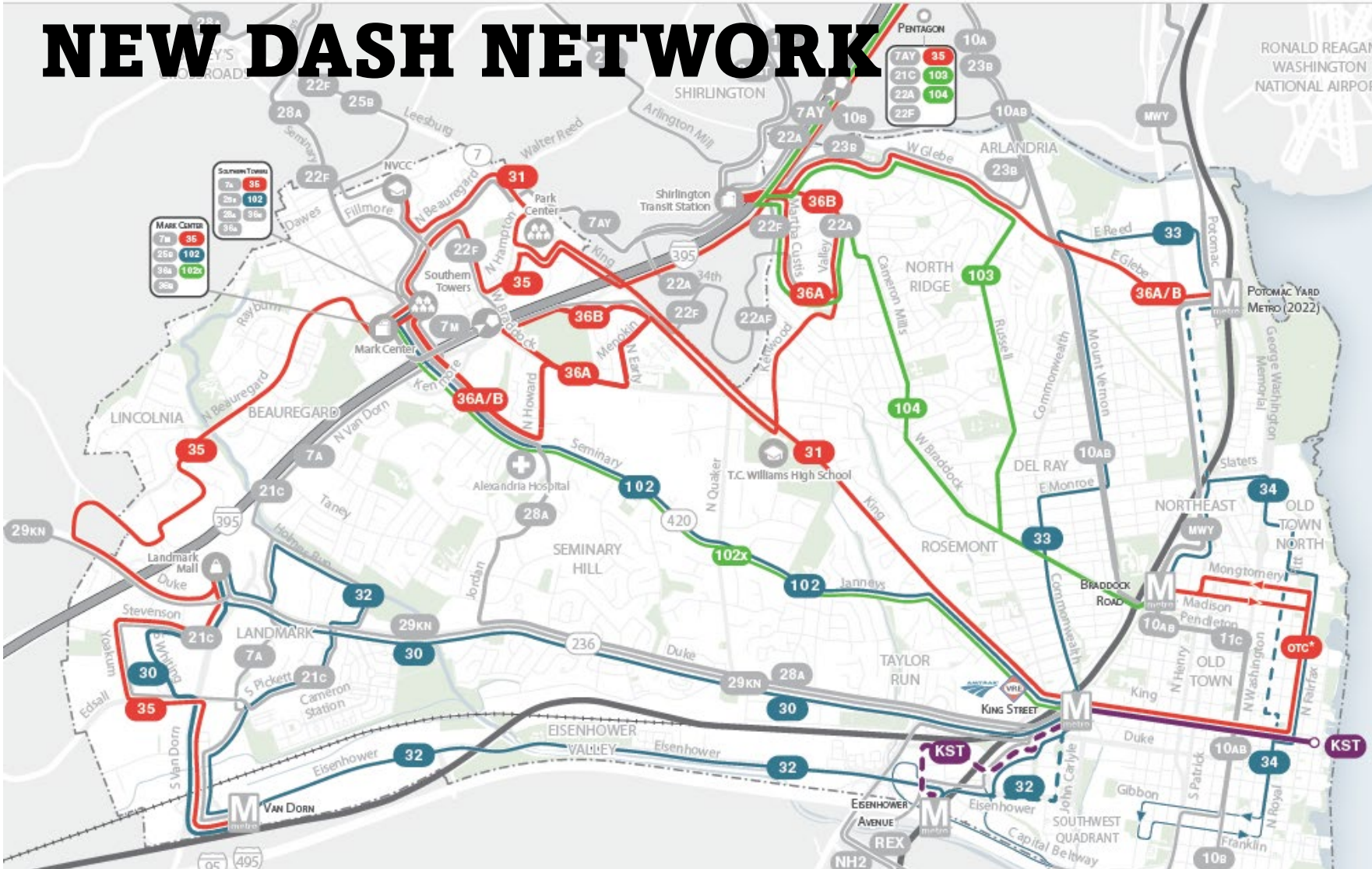
DASH Updates

Martin Barna

Director of Planning & Marketing, DASH

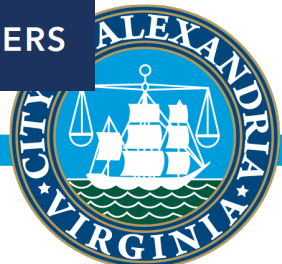


NEW DASH NETWORK

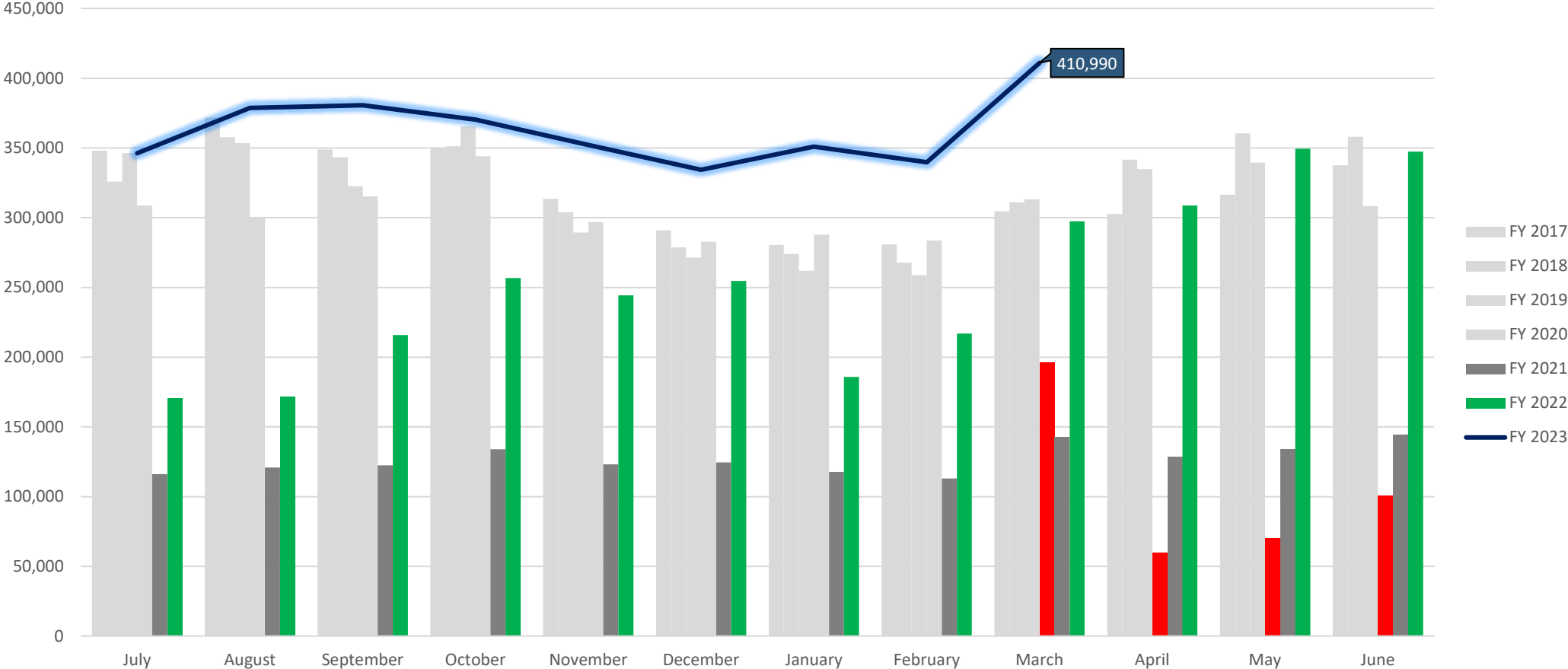




FREE FARES

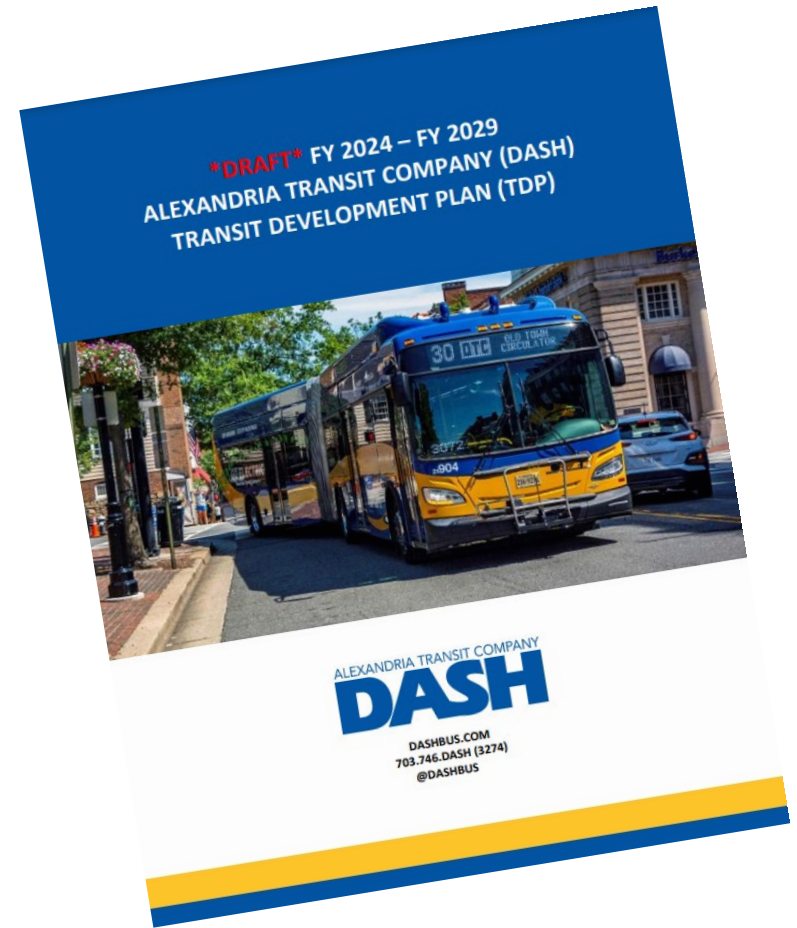


DASH Monthly Ridership (FY17-FY23)





ATC FY24 TRANSIT DEVELOPMENT PLAN (TDP)



WHAT IS THE TDP?

- TDP = Transit Development Plan
- Annual process for identifying DASH service/fare changes
- TDP Contents
 - System Overview & Performance Summary
 - FY24 Service & Fare Change Proposals
 - FY25-29 Service & Fare Change Proposals
 - Capital Projects
- Full Plan – www.dashbus.com/tdp
- Requires public outreach & board approval



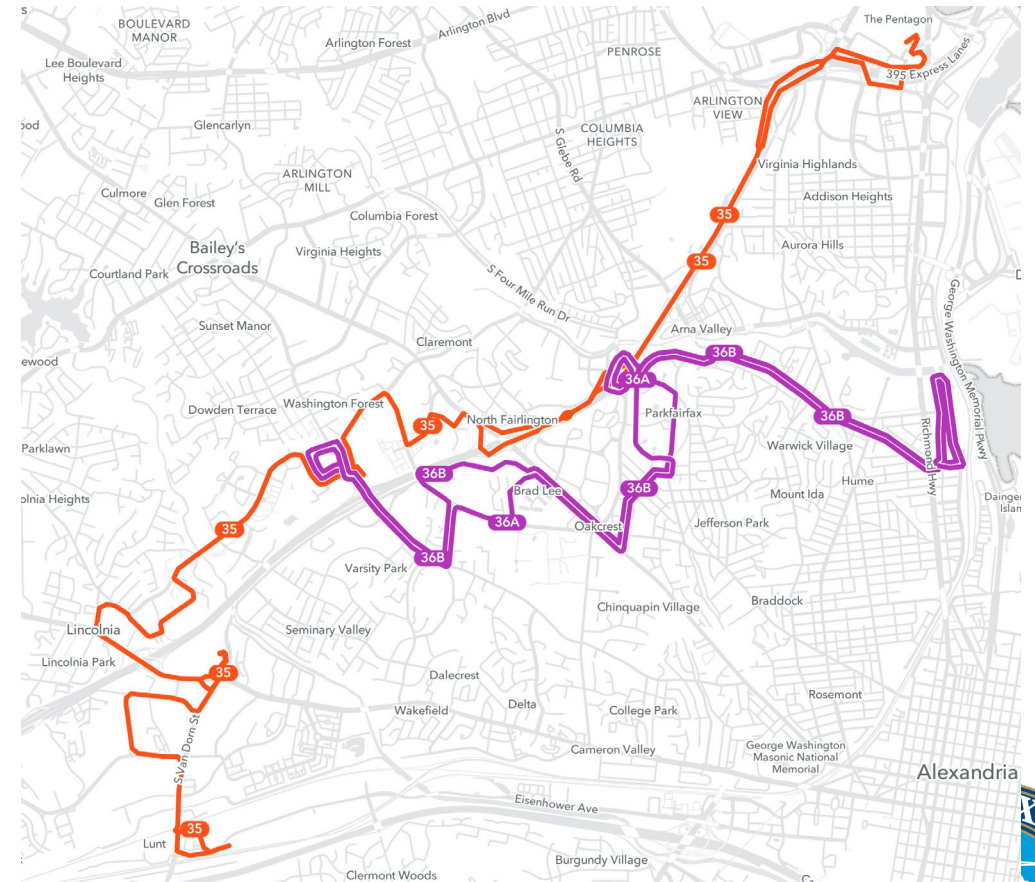
FY 2024 SERVICE & FARE CHANGES

- Baseline Scenario includes no service or fare changes
- Free fares expected to continue through to FY25
- Bus Stop Adjustments & Improvements
- Assumes the continuation of I-395 Commuter Choice Funding for Lines 35 & 36A/B



I-395 COMMUTER CHOICE PROGRAM

- NVTC Grant Program to allocate I-395 toll revenues.
- Funds project that reduce SOV vehicle trips on I-395.
- Currently funds up to 50% of service on Lines 35 & 36A/B
- FY24-25 cycle is very competitive (\$88M requested vs. \$48M available)



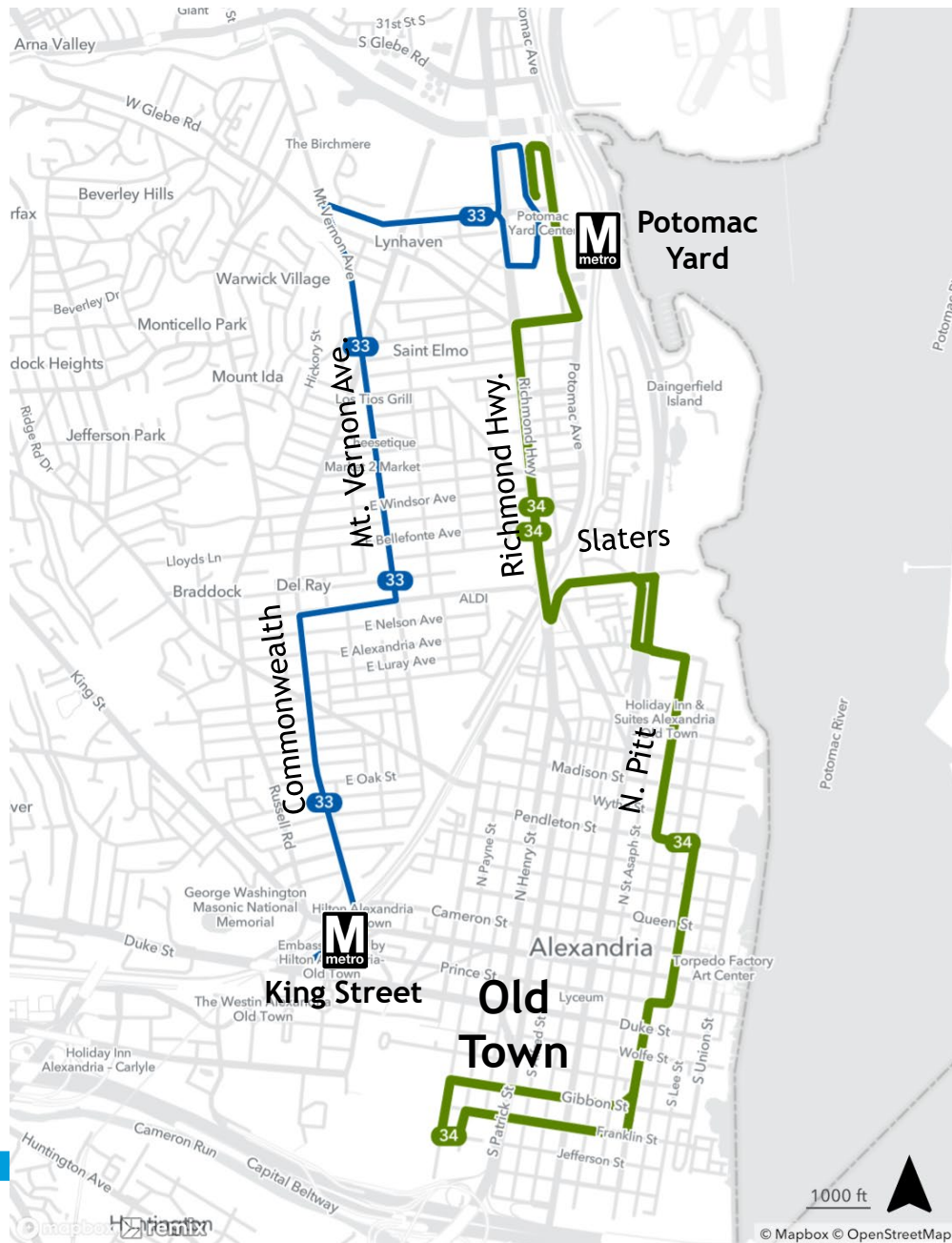
FY 2024 UNFUNDED ATV SCENARIO

1. Line 33 – Sunday service to Potomac Yard improved from every 60 min. to every 30 min. (+\$120K)
2. Line 34 – Sunday service to Potomac Yard improved from every 60 min. to every 30 min. (+\$120K)
3. Line 31 – Off-peak service improved so all trips operate to/from Braddock Road Metro (+\$880K)
4. Line 32 – Off-peak and weekend service improved from every 60 min. to every 30 min. (+\$490K)

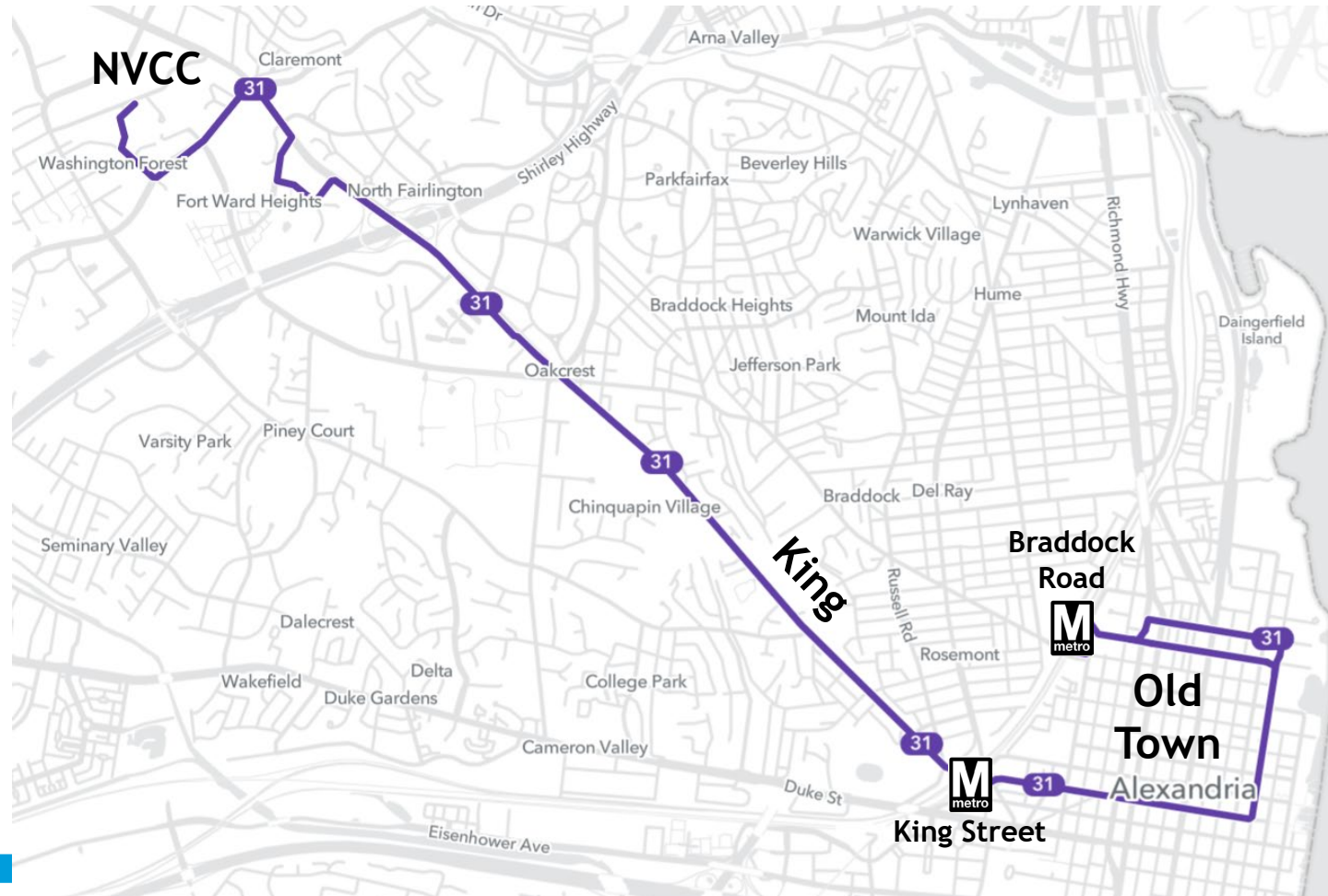


**1. IMPROVE
SUNDAY
SERVICE ON
LINES 33
(UNFUNDED)**

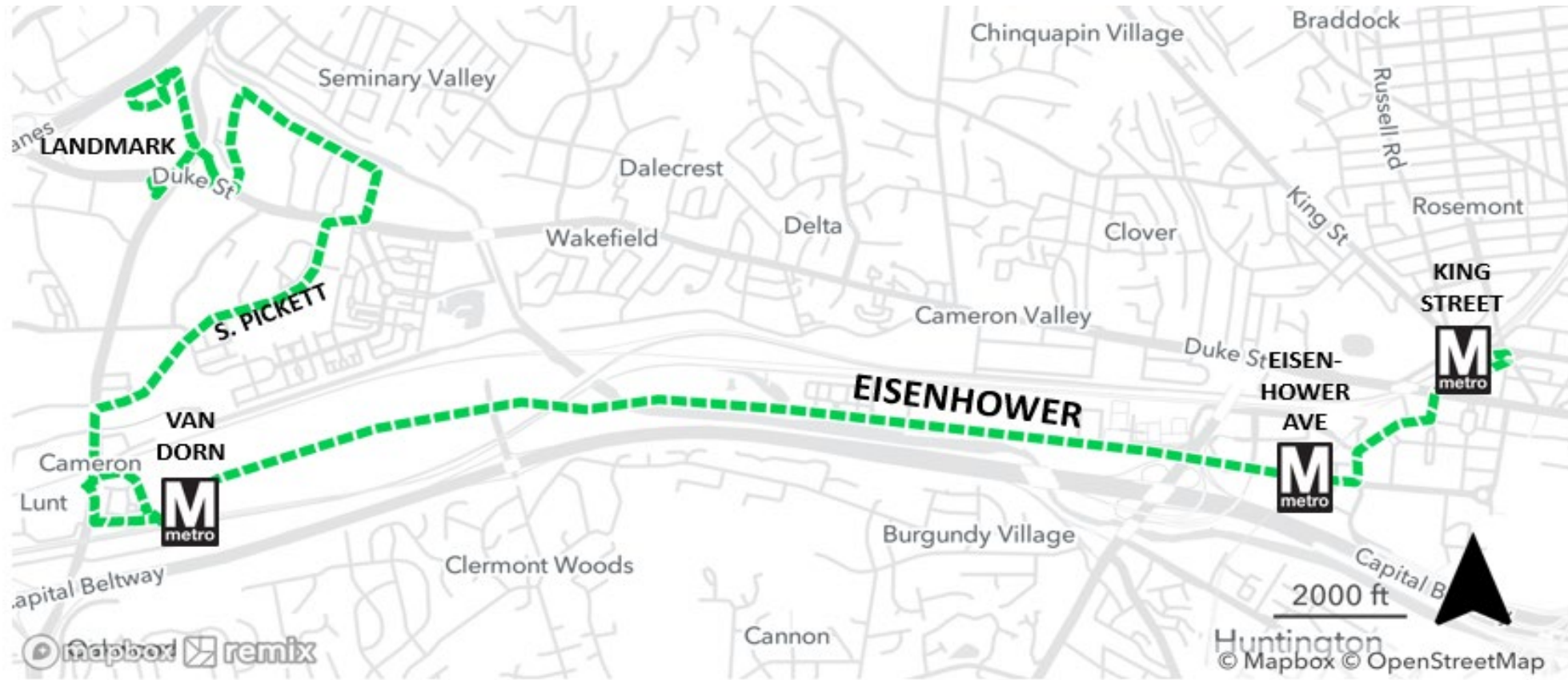
**2. IMPROVE
SUNDAY
SERVICE ON
LINE 34
(UNFUNDED)**



3. EXTEND LINE 31 TRIPS IN OLD TOWN DURING MIDDAYS, EVES & WEEKENDS (*UNFUNDED*)



4. IMPROVE MIDDAY, EVENING & WEEKEND SERVICE ON LINE 32 (*UNFUNDED*)



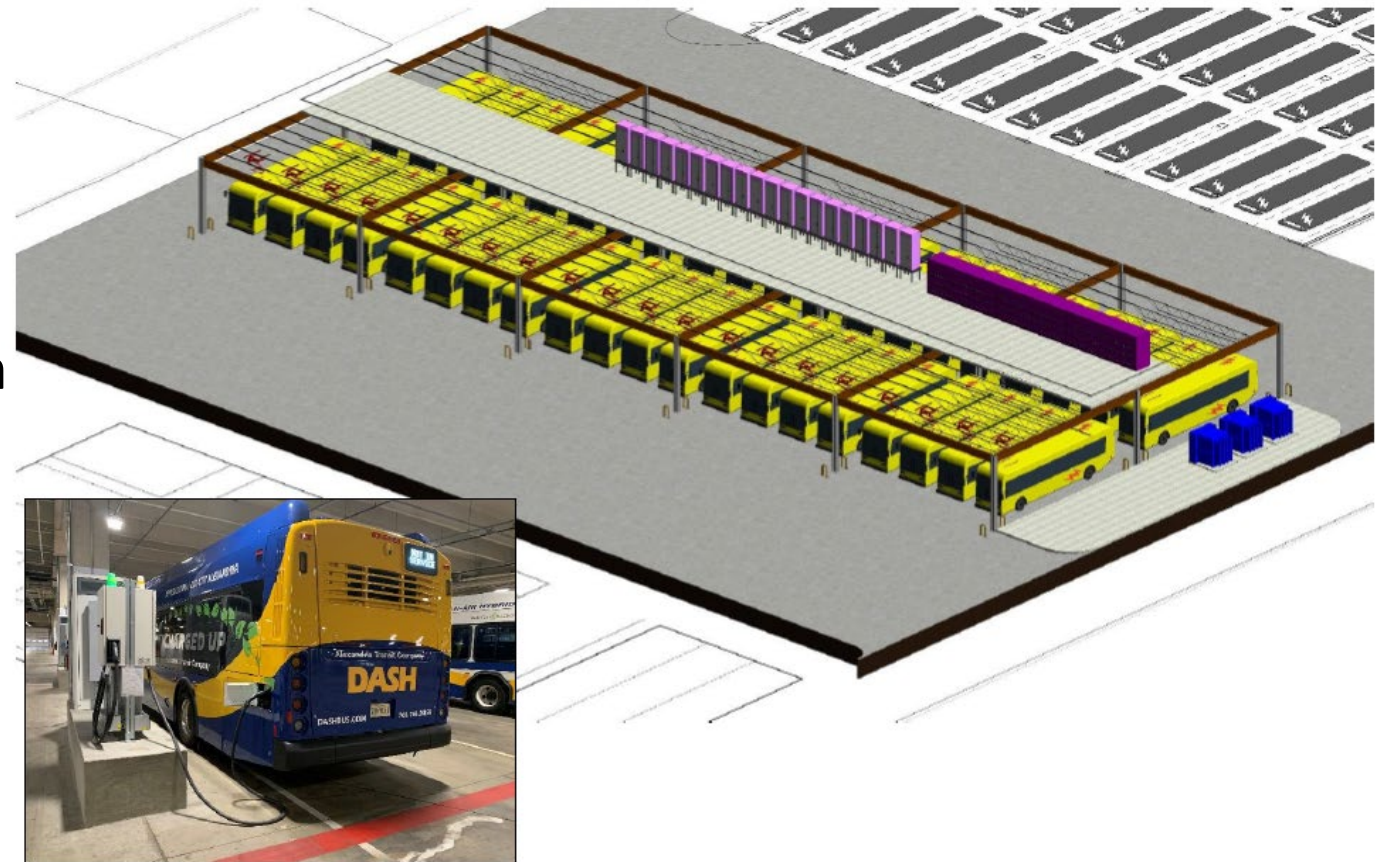
FY25 – FY29 SERVICE & FARE CHANGES

- Proposes to continue implementation of 2022 & 2030 Alexandria Transit Vision Plan Recommendations
 - FY25 improvements to Lines 30, 32, 103 & 104
 - Trolley Extension to Eisenhower Metro by FY26
 - West End Transitway (Opening TBD)
 - Duke Street BRT (Opening TBD)
- No fare changes proposed through FY 2025



FY24 CAPITAL IMPROVEMENT PROGRAM

- CIP Projects
 - Fleet Replacement
 - Fleet Expansion
 - Facility Expansion & Electrification
 - On-Route Bus Chargers
 - DASH Technology
- Major FY24 Grants
 - FY24 DRPT Demo Grants
 - FY24 FTA Grant (Low/No or BBF)



QUESTIONS + DISCUSSION

Martin Barna

Director of Planning & Marketing

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www.dashbus.com

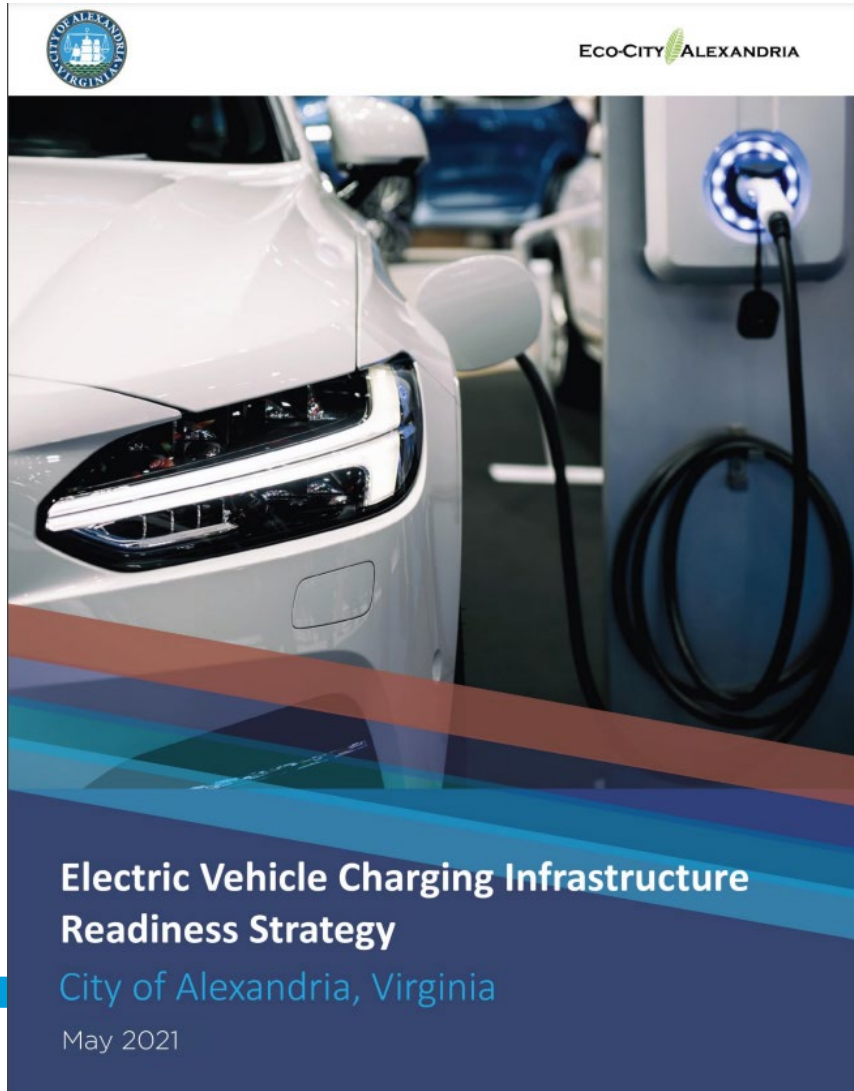


Endorsement of the Charging and Fueling Infrastructure Discretionary Grant Program Application and Electric Vehicle Program Updates

Agenda Item #4



Electric Vehicle Charging Infrastructure Readiness Strategy (EVRS)



- EVRS published in May 2021
- 31 recommendations for how the City can create an innovative and sustainable electric vehicle ecosystem
- EVRS implementation led by the City's new EV Planner



Current EVRS Implementation Priorities

- **Expand public charging infrastructure**
- **City Fleet Electrification**
- **DASH Fleet Electrification**
- **Workforce Development**
- **Establish Inter-departmental EVRS Implementation Group**



Charging and Fueling Infrastructure (CFI) Grant Program

- **Competitive grant program for communities to install publicly accessible charging infrastructure**
- **\$2.5B program over 5 years; \$700M available for FY 2022 and 2023**
- **Priority projects will address charging needs in:**
 - Rural areas
 - Low- and moderate-income neighborhoods
 - Communities with low ratios of private parking spaces
 - Communities with high ratios of multiunit dwellings
- **Projects require 20% cost share, which can be met from private project partners (e.g., charging infrastructure manufacturers)**



CFI Grant Program Application

- The City is planning to submit an application to apply publicly accessible charging infrastructure (Level 2 and DC Fast Chargers) in multiple locations, including **parks, libraries, and on-street locations**
- **Other project attributes**
 - Addressing and mitigating traffic safety issues
 - Equity and meaningful community engagement
 - Workforce development
 - Climate resilience – V2B pilot to use a DASH bus as a portable generator



Recommendation

- That the Transportation Commission provide a letter of endorsement to City Council for an application to the Charging and Fueling Infrastructure Grant Program.



Earth Month 2023 Events

- **Introduction to Electric Vehicles Webinar**

Friday, April 28, 2023

12pm – 1pm

- **EV Showcase**

Sunday, April 30, 2023

10am – 1pm

Chinquapin Park



alexandriava.gov/earthday



Consideration of a Letter of Feedback to City Council on FY 2024 Operating Budget and FY 2024-2033 Capital Improvement Program (CIP)

Agenda Item #5



Budget Overview

- In March, staff presented to Commission FY24 Operating Budget and FY24-33 CIP Budget
- Proposed budget
 - General Fund Base Operating Budget FY24: **\$881.1 million**
 - 10-year CIP Budget FY24-33: **\$2.39 billion**



Commission Feedback

- “Status quo” budget in relation to transportation
- Does not invest further in **Complete Streets and Vision Zero**
- **Transit Vision Plan** implementation requires more transit service
 - Proposed increased funding for DASH simply **replaces lost grant funding and funds higher operating costs**
- Does not invest proactively in the **trail system** state of good repair
- Does not do enough to support the draft **Energy and Climate Change Action Plan**
 - Including EVs and EV bus fleet



Budget Schedule

Tues., Feb. 28	Proposed Budget Presentation
Wed, Mar. 1	Work Session #1: Capital Improvement Program (CIP)
Thu., Mar. 2	Public Budget Presentation
Wed., Mar. 8	Work Session #2: Alexandria City Public Schools (Operating and CIP)
Mon., Mar.13	Budget Public Hearing (5:30 p.m.)
Tues., Mar. 14	Introduce and Set the Maximum Property Tax Rates
Wed., Mar. 15	Work Session #3
Sat., Mar.18	Budget Public Hearing (9:30 a.m.)
Wed., Mar. 22	Work Session #4
Wed., Mar. 29	Work Session #5
Sat., Apr. 15	Add/Delete Public Hearing (9:30 a.m.)
Tues., Apr. 25	Tax Rate Public Hearing & Preliminary Add/Delete Work Session (time TBD)
Mon., May 1	Final Add/Delete Work Session
Wed., May 3	Budget Adoption/Tax Rate Adoption



Recommendation

- The Transportation Commission make a motion to provide a letter of feedback to City Council on FY 2024 Operating Budget and FY 2024-2033 Capital Improvement Program (CIP).



Commissioner Updates

Agenda Item #6



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
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Items for Consent

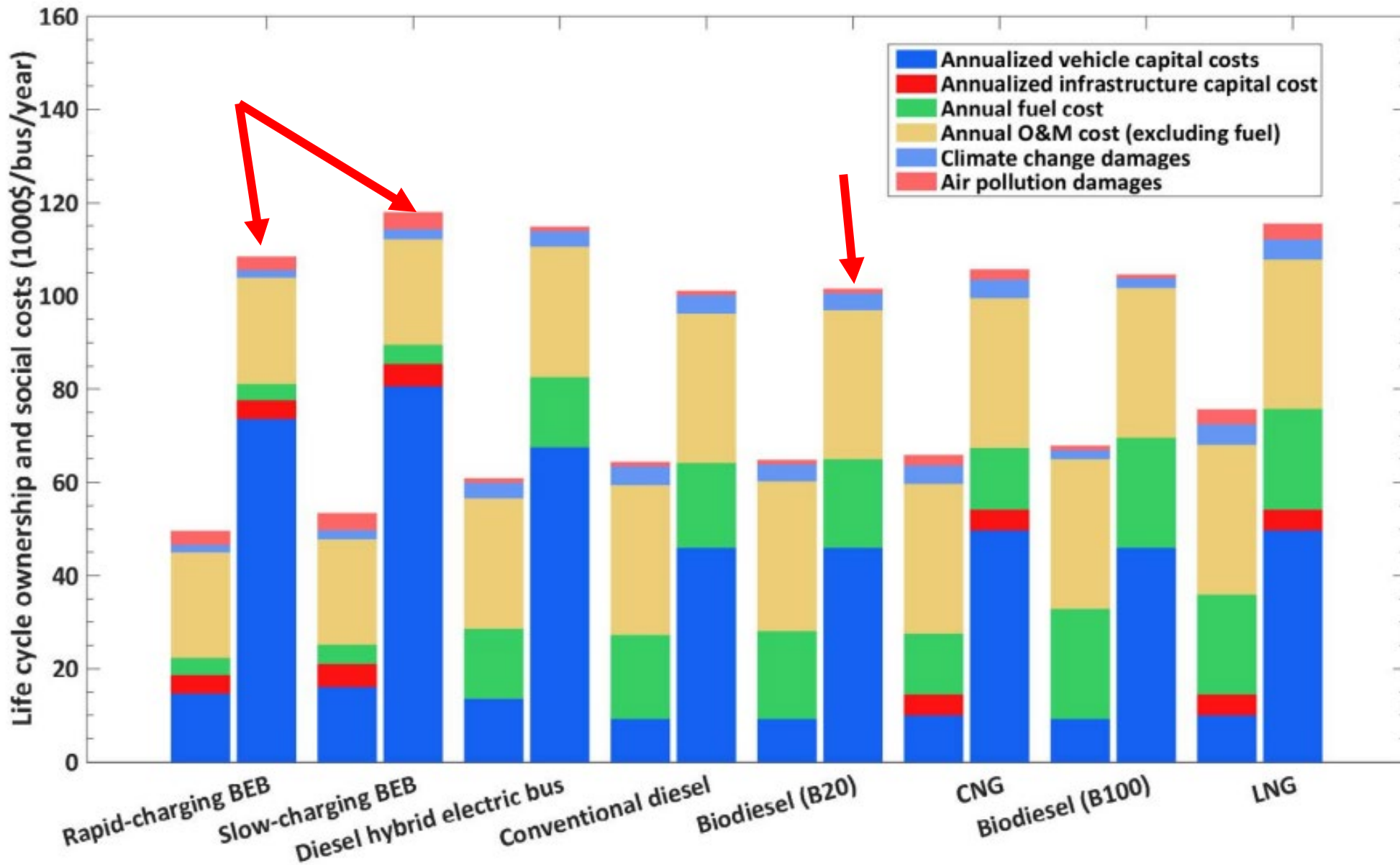
Agenda Item #7



Other Business

- “Life cycle ownership cost and environmental externality of alternative fuel options for transit buses” article finds higher overall life cycle ownership and social costs for slow or fast charging BEB over clean-diesel
- <https://www.sierraclub.org/sites/default/files/blog/Life%20Cycle%20Ownership%20Cost.pdf>





Annualized life cycle ownership and external costs for a 40' bus. Left bars assume reduced vehicle purchase costs (80% paid by external funding) and right bars consider full purchase costs. The project lifetime is assumed to be the lifetime of a bus (12 years). Assumes 1% discount rate. External costs include climate change damages (using 100-year global warming potential (GWP)) and air pollution damages (using AP2 model).



Adjourn Transportation Commission Meeting

Next meeting: May 17, 2023

