

RESOLUTION NO. 3075

RESOLUTION TO SUPPORT PROPOSED INFRASTRUCTURE PROJECT APPLICATION FOR THE FEDERAL INFRASTRUCTURE FUNDING (LOW-NO AND BUSES AND BUS FACILITIES) FOR FY 2022

WHEREAS, in 2021, the Bipartisan Infrastructure Law (Infrastructure Investment and Jobs Act) was signed into law, and in 2022, funded \$1.1 billion and \$372 for the U.S. Department of Transportation's Low or No Emissions (Low-No) and Buses and Bus Facilities discretionary grant programs, respectively; and

WHEREAS, the purpose of Low-No is to fund the transition of transit fleet to the lowest polluting and most energy efficient transit vehicles and Buses and Bus Facilities Programs assists in the financing of buses and bus facilities capital projects, including replacing, rehabilitating, purchasing or leasing buses or related equipment, and rehabilitating, purchasing, constructing or leasing bus-related facilities; and

WHEREAS, projects are scored based on a merit criteria review by the U.S. Department of Transportation's Federal Transit Administration. Evaluation criteria include: demonstration of need, demonstration of benefits, planning and local/regional prioritization, local financial commitment, project implementation strategy, and technical, legal and financial capacity. Additional priority considerations include climate change, environmental justice, racial equity and barriers to opportunity, creating good –paying jobs, zero emission fleet transition plan with a focus on work force development, and other selection criteria; and

WHEREAS, the City Council of the City of Alexandria commits to support the transition of the DASH fleet to 100% zero emissions buses by the year 2037 in support of the City's Eco-City initiative and Environmental Action Plan 2040; and

WHEREAS, the City Council of the City of Alexandria desires to submit applications for an allocation of funds up to \$50 million through the DOT 2022 Low-No and Buses and Bus Facilities Program for the City of Alexandria, Virginia; and

WHEREAS, up to \$50 million is required to fund critical transportation and sustainability needs in the City of Alexandria, Virginia.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Alexandria, Virginia:

1. the City Council of the City of Alexandria hereby supports this application for an allocation of up to \$50 million through the U.S. Department of Transportation Low-No and Buses and Bus Facilities Program; and
2. the City Council of the City of Alexandria hereby grants authority for the City Manager to execute all necessary documents that may be required under this program.

Adopted: May 24, 2022



JUSTIN M. WILSON MAYOR

ATTEST:



Gloria A. Sitton, CMC, City Clerk



Alexandria Transportation Commission
301 King Street
Alexandria, VA 22314

Phone: 703.746.4025

www.alexandriava.gov

Honorable Mayor Wilson and Members of City Council
City Hall
301 King Street
Alexandria, VA 22314

May 18, 2022

Re: **Endorsement of Grant Application for the FY 2022 Low or No emission (Low-No) and Buses and Bus Facilities Program**

Dear Mayor Wilson and Members of City Council:

At its May 18 meeting, the Transportation Commission voted to endorse the staff-recommended projects for the FY 2022 Low or No Emission (Low-No) and Buses and Bus Facilities program through the Federal Transit Administration.

The following projects (\$44.7 million estimated total) will be submitted within these applications, and the Commission endorses a submission of up to \$50 million in the event cost estimates increase:

- **FY23 Bus Replacement** (\$17 million): Retire and replace ten (10) buses and five (5) trolleys with electric
- **FY24 Bus Replacement** (\$10.8 million): Retire and replace ten (10) buses with electric
- **FY24 Expansion Buses** (\$2.5 million): Upgrade six (6) Smart Scale clean diesel buses to electric
- **Charging Equipment** (\$2.4 million): Install required charging infrastructure to support new electric buses
- **Electric upgrades at DASH Facility** (\$10 million): Build new electrical service, including on-site equipment and infrastructure to support all electric bus charging requirements fleet conversion up to 6 megawatts of power
- **Workforce Development** (\$2 million): Required 5% of federal request

This request supports the goals of the Alexandria Mobility Plan and the Environmental Action Plan 2040. The Transportation Commission appreciates the opportunity to review staff recommendations for Lo-No Grant and Bus and Bus Facilities grant applications, as well as to provide its endorsement to Council.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Oscar Gonzalez (May 19, 2022 10:10 EDT)

May 19, 2022

Oscar Gonzalez

Chair, Alexandria Transportation Commission

cc: Alexandria Transportation Commission
Jim Parajon, City Manager
Emily Baker, Deputy City Manager
Yon Lambert, Director, T&ES
Josh Baker, General Manager and CEO, DASH
Hillary Orr, Deputy Director, T&ES
Christopher Ziemann, Division Chief, Transportation Planning






TC Lo No Grant Endorsement Letter

Final Audit Report

2022-05-19

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"TC Lo No Grant Endorsement Letter" History

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Attachment 3

Low-No and Buses and Bus Facilities Grant Applications

May 24, 2022



Background: Grant Information



- ***The Low-No Program:***

- Supports the transition of transit fleets to the lowest polluting and most energy efficient vehicles.
- Provides funding for the purchase or leasing of zero-emission and low-emission transit buses and supporting facilities.

- ***The Buses and Bus Facilities Program:***

- Assists in the financing of buses and bus facilities capital projects, including replacing, rehabilitating, or purchasing buses and bus-related facilities.

Selection Criteria



Evaluation Criteria

- Demonstration of need
- Demonstration of benefits
- Planning and local/regional prioritization
- Local financial commitment
- Project implementation strategy
- Technical, legal and financial capacity

Additional Priority Considerations

Climate Change

Environmental Justice

Racial Equity and Barriers to Opportunity

Creating Good-Paying Jobs

Zero Emission Fleet Transition / Workforce development

Other Selection Criteria

Grant Requests



- In 2018, the City committed to shifting to an all-electric bus fleet by the year 2037.
- In FY 23 and FY 24, 25 buses (including 5 trollies) are meeting useful life and need to be replaced (DASH Fleet Replacement plan).
- To replace hybrid with electric buses (+ associated charging infrastructure) will cost approximately \$30M.
- DASH is ultimately planning for a fleet of up to 140 buses and needs to upgrade the electrical capacity of the existing DASH building to handle the ultimate charging needs for the DASH campus – including the new facility.
- To be strategic and seek max available funding, staff broke requests into projects totaling approximately \$45 million scalable up to \$50 million (to account for updated estimates during FTA review).

Summary of Projects



Project Description	Funding Request
Upgrade 15 FY23 replacement buses to electric (includes 5 trollies)	\$17,050,000
Build Electric capacity at DASH Facility	\$10,000,000
Upgrade 10 FY24 replacement buses to electric	\$10,750,000
Upgrade 6 Smart Scale clean diesel buses to electric	\$2,500,000
Install 16 Chargers to support electric buses	\$2,400,000
Workforce Development	\$2,000,000
Total Cost	\$44.7 Million

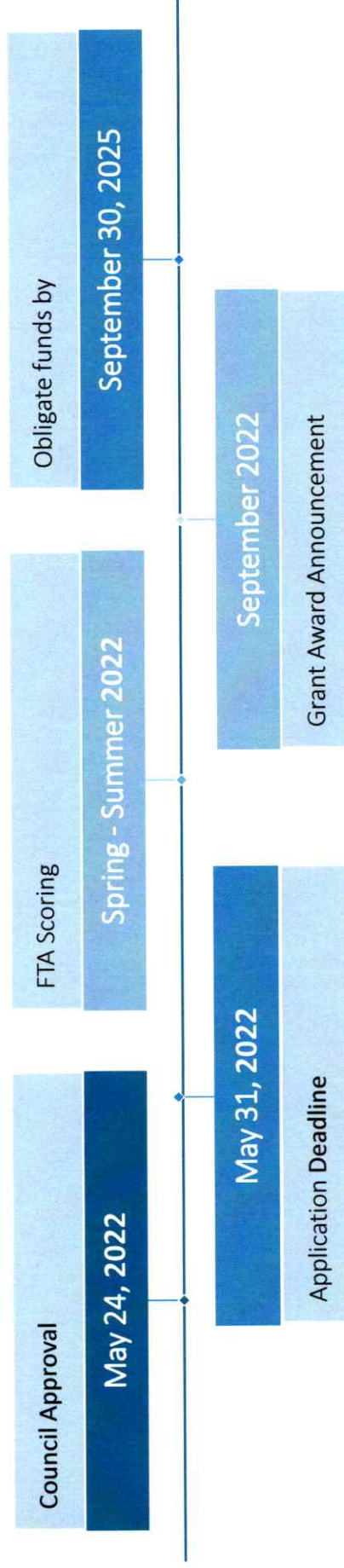
Summary of Funding Requests and Costs



Cost	Funding Requests
Total Project Cost*	\$44.7 Million
Federal Request	\$38.5 Million
Local Match	\$6.2 Million
Available Local Match Sources	DASH Fleet Replacement CIP FY23 - \$5.9m FY24 - \$4.8m

* Requesting authorization for up to \$50 million to account for new costs as project is further refined

Next Steps



Recommendation



- That the City Council:
 - Authorize the submission of applications with up to \$50 million to Low-No and Buses and Bus Facilities
 - Authorize the City Manager to execute all necessary documents that may be required.