

Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration & Automated Transit Bus Maintenance and Yard Operations Demonstration

Competitive Funding Opportunity Webinar

Opportunity ID: FTA-2022-015-TRI-STAR
October 6, 2022

Welcome! We will begin shortly.



Housekeeping

- Please use the Q&A feature to submit questions
 - Questions will be addressed after the final presentation, as time permits
 - Additional questions may be submitted to transitautomation@dot.gov after the webinar
- Presentation materials and FAQs will be posted on FTA's website at <https://www.transit.dot.gov/grant-programs/advanced-driver-assistance-systems-adas-transit-buses-demonstration-and-automated>
- The webinar is being recorded



Agenda

1

Provide
introduction and
context

2

Discuss Transit
Bus Automation
Demonstrations
Funding
Opportunity

3

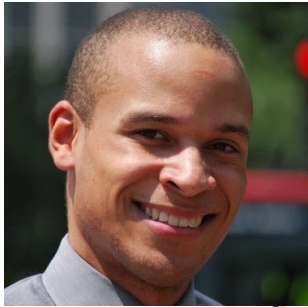
Discuss how to
apply for funding
opportunity

4

Address
questions



Today's Speakers



Justin John
Program Analyst
Office of Research, Demonstration
and Innovation



Steve Mortensen
Senior ITS Engineer
Office of Research, Demonstration
and Innovation



Danyell Diggs
Senior Transportation Program
Analyst
Office of Research, Demonstration
and Innovation



Johnita Glover
Transportation Program Analyst
Office of Grants Management and
Guidance

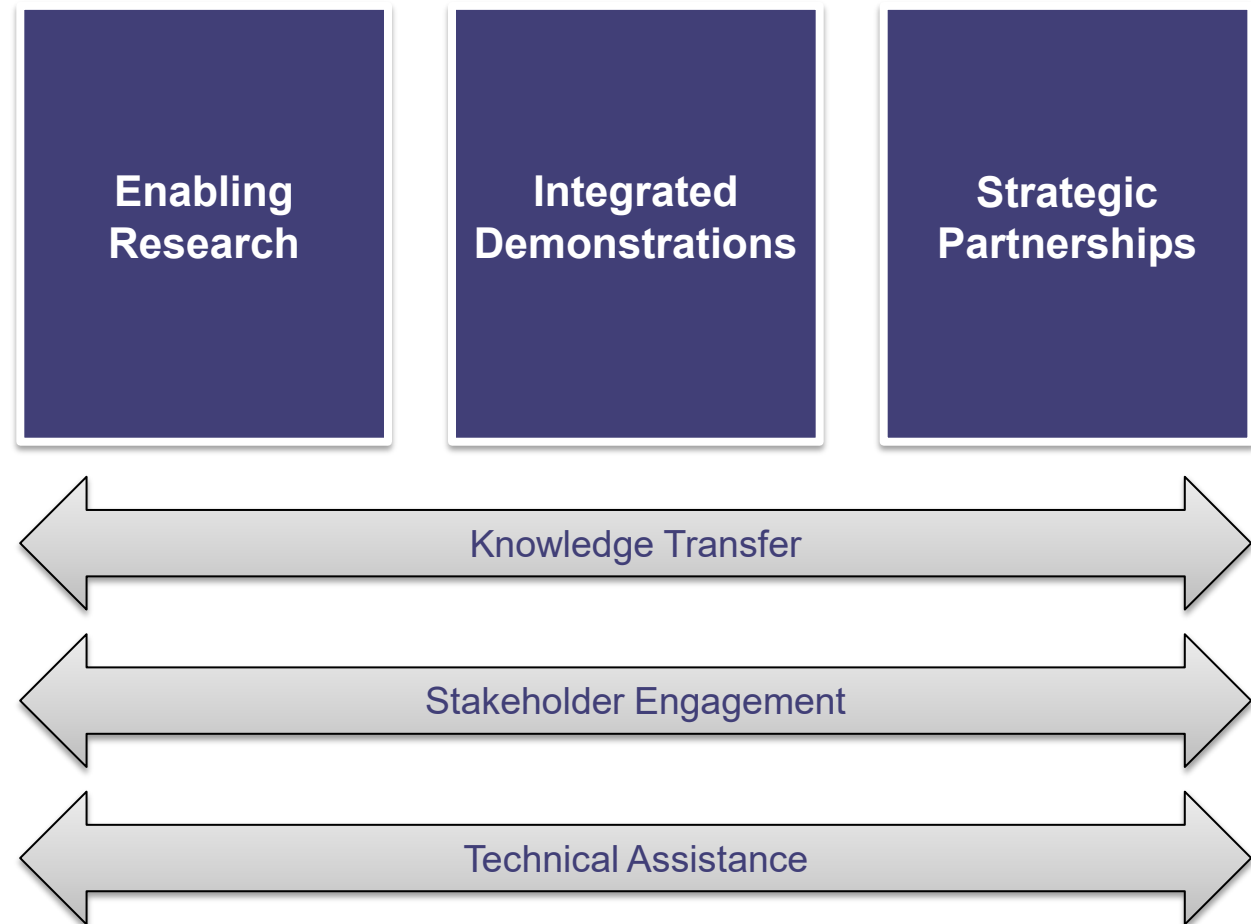


ADAS for Transit Buses Demonstration &
Automated Transit Bus Maintenance and Yard Operations Demonstration

CONTEXT



Strategic Transit Automation Research (STAR) Plan



Technology Packages

FTA's STAR Plan identifies 14 use cases that fit into the five technology packages shown below.

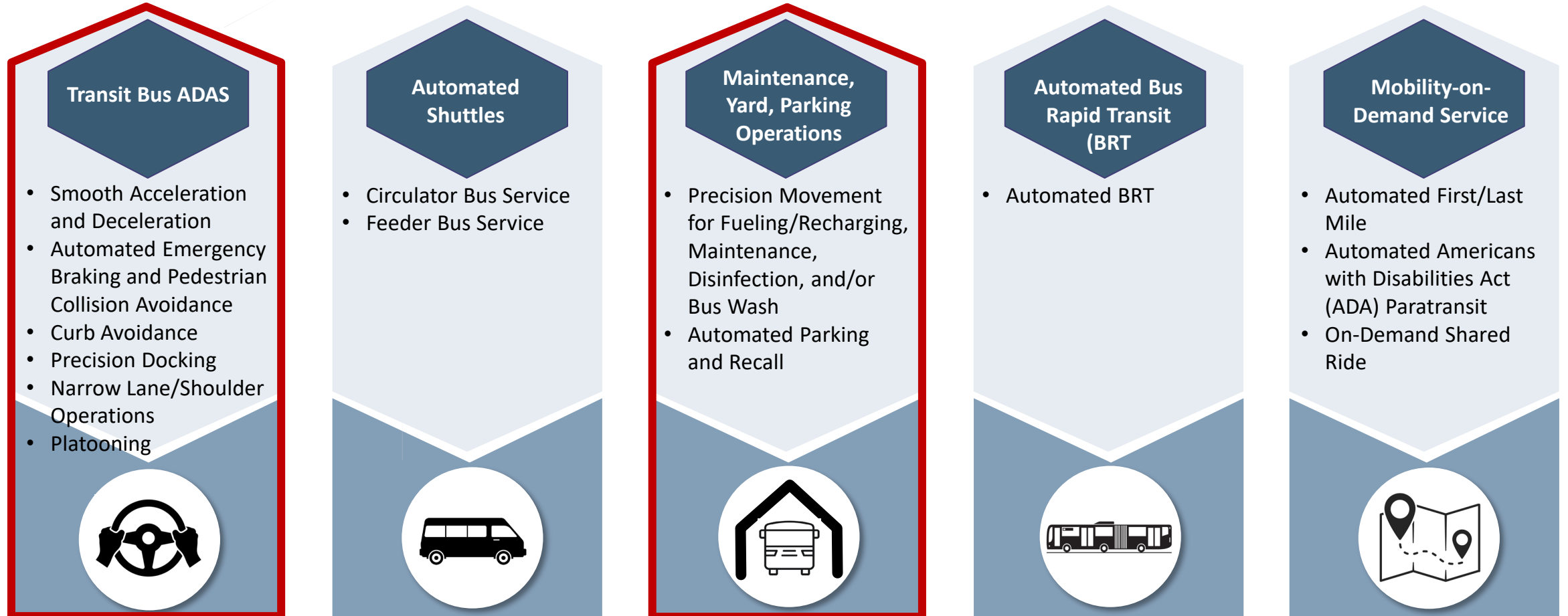


Image Credits: Adobe Stock



ADAS for Transit Buses Demonstration &
Automated Transit Bus Maintenance and Yard Operations Demonstration

COMPETITIVE FUNDING OPPORTUNITY



Notice of Funding Opportunity (NOFO)

The FTA recently issued a competitive Notice of Funding Opportunity (NOFO) for transit bus automation demonstration projects.

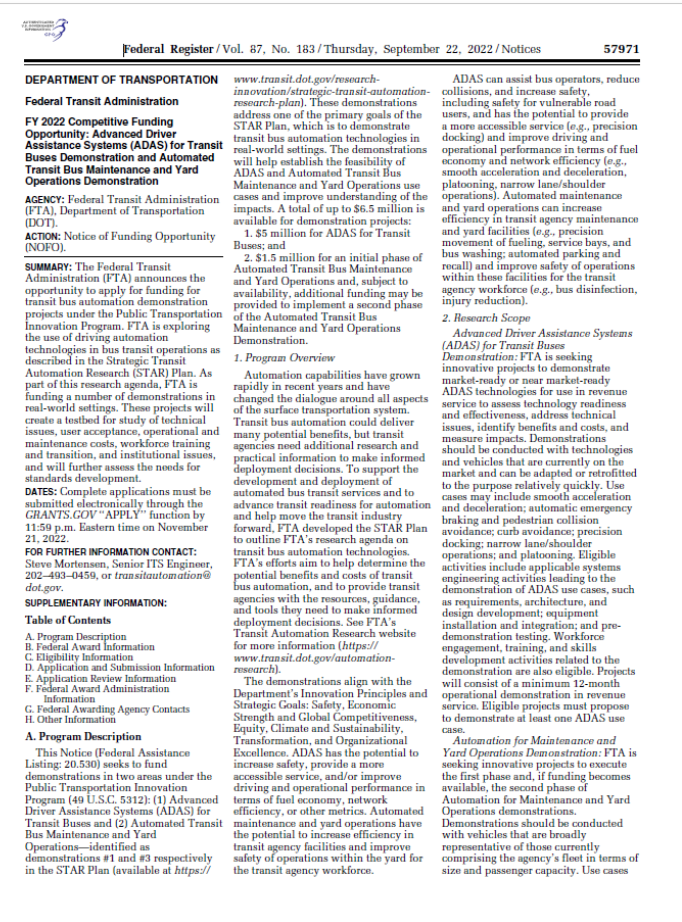
The NOFO for transit bus automation demonstration projects under the Public Transportation Innovation Program (49 U.S.C. 5312) was published on September 22, 2022. Applications are due by **November 21, 2022**.

AVAILABLE FUNDING

\$6.5 million is available for demonstration projects in **2 areas**:

- 1 \$5 million for ADAS for Transit Buses
- 2 \$1.5 million for an initial phase of Automated Transit Bus Maintenance and Yard Operations

Note: No minimum or maximum project size



Demonstration Goals

The FTA aims to better understand the needs and feasibility of automation technologies and supports the development of these technologies to increase transit safety and efficiency.



Transit Bus Automation Demonstration Goals

- ☐ Demonstrate automation technologies in real-world settings to understand feasibility and impacts
- ☐ Create a testbed for study of:
 - Technical issues
 - User acceptance
 - Operational and maintenance costs
 - Workforce training and transition
 - Institutional issues
- ☐ Further assess needs for standards development
- ☐ Spur technology development
- ☐ Grow confidence for transit agencies
- ☐ Increase safety and efficiency

ADAS for Transit Buses Demonstration

- \$5 million funding available
- Demonstrate market-ready or near market-ready ADAS technologies for one or more use cases:
 - Smooth acceleration and deceleration
 - Automatic emergency braking and pedestrian collision avoidance
 - Curb avoidance
 - Precision docking
 - Narrow lane/shoulder operations
 - Platooning
 - Others
- Conducted with vehicles that are currently on the market and can be adapted or retrofitted



Image: Partners for Advanced Transportation Technology, Lane Transit District



Image: Virginia Tech Transportation Institute, Pierce Transit



ADAS for Transit Buses Demonstration (cont.)

- Assess technology readiness and effectiveness, address technical issues, identify benefits and costs, and measure impacts
- Project eligible activities:
 - Requirements, architecture, and design development
 - Equipment installation and integration
 - Pre-demonstration testing
 - Workforce engagement, training, and skills development
- 12-month operational demonstration in revenue service



Automated Transit Bus Maintenance and Yard Operations Demonstration

- \$1.5 million for initial phase; additional funding may be available for a second phase
- Demonstrate one or more use cases:
 - Precision movement for fueling/recharging, maintenance, disinfection, and/or bus wash
 - Automated parking and recall
 - Others
- Conducted with vehicles broadly representative of current agency's fleet in terms of size and passenger capacity
- Assess technology readiness and effectiveness, address technical issues, identify benefits and costs, and measure impacts



Image: Machek et al. (2018)

Automated Transit Bus Maintenance and Yard Operations Demonstration (cont.)

- Project eligible activities:
 - Requirements, architecture, and design development
 - Equipment installation and integration
 - Testing
 - Workforce engagement, training, and skills development
- Phase 1:
 - Will result in one or more concepts of operations and limited proof-of-concept demonstration
 - Be conducted within 12 months of project award
- Phase 2 (*pending funding*) includes:
 - Longer-term (12-24 months) operational demonstration on a transit property
 - Additional functionality (e.g., expand number of equipped vehicles, locations within the yard, and/or automation of functions)



Eligible Applicants

The following groups are eligible to apply for funding through Grants.gov.

Who can apply:

- ☐ Public transit agencies
- ☐ State/local government entities
- ☐ Metropolitan planning organizations (MPOs)
- ☐ Federally recognized Indian tribes
- ☐ Institutions of higher education, particularly those with Minority Serving Institution status



Project Partners

Teaming partners may include the following groups.

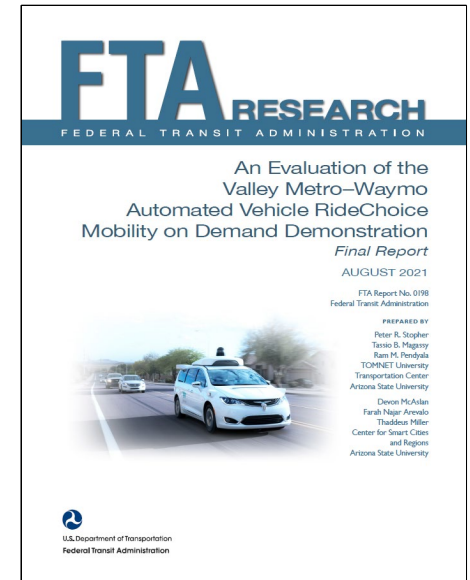
Partners could include:

- ☐ Bus manufacturers
- ☐ Technology system suppliers, developers, and integrators
- ☐ Operators of transportation services, such as employee shuttle services, airport connector services, university transportation systems, or parking and tolling authorities
- ☐ State or local government entities
- ☐ Labor unions and other workforce representatives
- ☐ Other organizations, including consultants, research consortia, and not-for-profit industry organizations



Project Structure

- **20% local cost-share** minimum
- FTA will award **cooperative agreements** to lead applicant
- Projects structured on **cost reimbursable** basis
- Required to work with an FTA-selected **independent evaluator**
- Provide **knowledge transfer** throughout project
- Produce **project report for publication** at end of project
- FTA Research **Circular 6100.1E** will help guide project implementation



Project Requirements

Transit bus automation demonstration projects must meet the following compliance requirements.

Projects must comply with:

Safety Requirements

- NHTSA Federal Motor Vehicle Safety Standards
- FMCSA Federal Motor Carrier Safety Regulations

Made in America

- Buy America
- Build America

Americans With Disabilities Act

Other requirements include:

- Communications with FTA project manager prior to external communications engagement
- Data access and sharing



Application Evaluation Criteria

Applicants will be evaluated against the following criteria while under review.



Project Impact and Outcomes



Project Approach



Organizational Capacity and Staff Experience

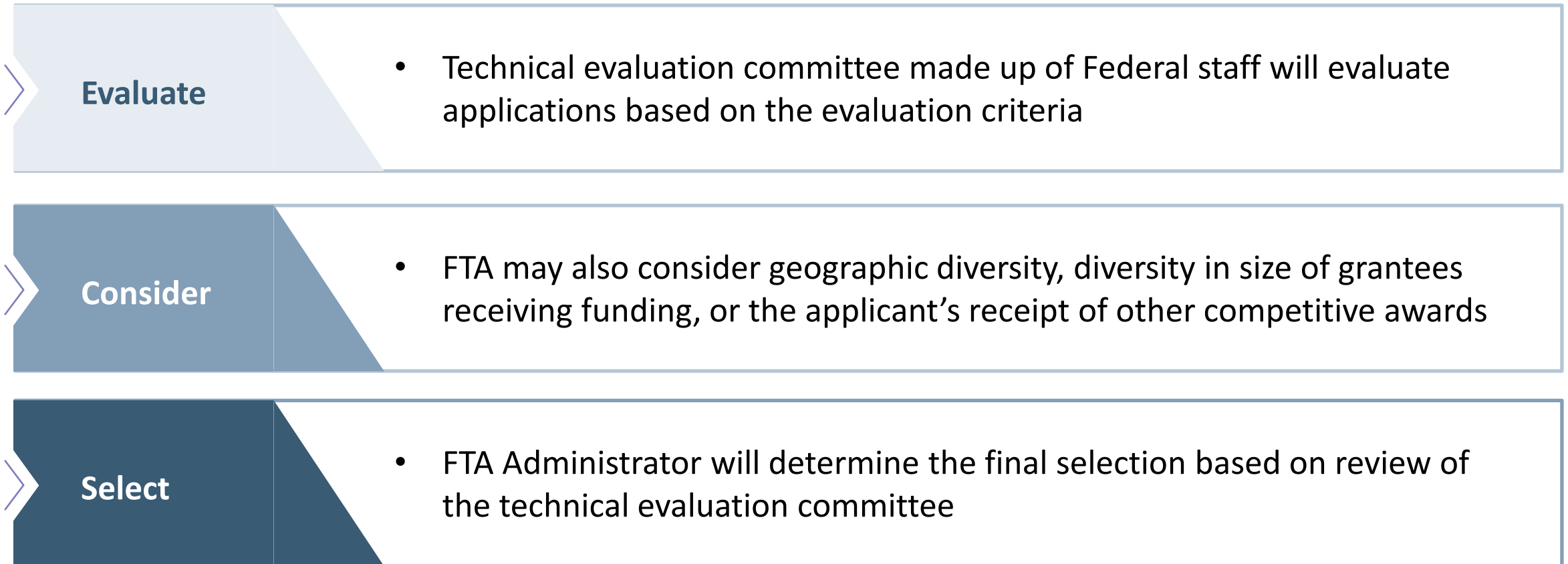


Technical, Legal, and Financial Capacity



Review and Selection Process

The technical evaluation committee and the FTA Administrator will evaluate and select funding applicants based on the evaluation criteria as well as other relevant factors.



ADAS for Transit Buses Demonstration &
Automated Transit Bus Maintenance and Yard Operations Demonstration

HOW TO APPLY



Application Documentation

Funding applicants are required to submit the following documentation and may also submit additional supporting document.

Application Submissions Include

Required Documents:

- Standard Form 424
- Supplemental Form
- Project approach and proposed scope of work attachment (15-page limit)

Optional Supporting Documentation:

- Letters of support or partner agreements
- Resumes



FTA Notice of Funding Opportunity

United States Department of Transportation
Federal Transit Administration

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FAQ

Notices of Funding Opportunity

The following Notices of Funding Availability/Opportunity are linked to the Federal Register website. The Federal Register is the Federal Government's official daily publication of rules, proposed rules, and notices of federal agencies, and provides a forum for public participation in the democratic process.

To learn more about FTA NOFOs, choose a notice type or conduct a title search by keyword. Results will include a summary of the notice and a link to the PDF of the appropriate Federal Register page.

From To

Keywords

Apply

Date Effective	Close Date	Opportunity ID	Grant Program
09/22/2022	11/21/2022	FTA-2022-015-TRI-STAR	Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Program

Federal Transit Administration

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FAQ

Fiscal Year 2022 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Notice of Funding

Date Posted: September 22, 2022

Date Closed: November 21, 2022

Opportunity ID: FTA-2022-015-TRI-STAR

Grant Program: Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Program

Opportunity Announcement PDF: <https://www.govinfo.gov/content/pkg/FR-2022-09-22/pdf/2022-20511.pdf>

Opportunity Announcement TXT: <https://www.govinfo.gov/content/pkg/FR-2022-09-22/html/2022-20511.htm>

Related Links

- Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Program

Related Documents

- Fiscal Year 2022 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Notice of Funding

Details: September 22, 2022. Notice of Funding Opportunity (NOFO): Solicitation of Project Proposals for the FY 2022 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration.

The Federal Transit Administration (FTA) announces the opportunity to apply for a total up to \$6.5 million for demonstration projects: \$5 million for ADAS for Transit Buses and \$1.5 million for an initial phase of Automated Transit Bus Maintenance and Yard Operations. Additional funding may be provided to implement a second phase of the Automated Transit Bus Maintenance and Yard Operations Demonstration. See the Federal Register Notice. Synopses and a full announcement are posted on Grants.Gov as opportunity [FTA-2022-015-TRI-STAR](#).

FTA website:

<https://www.transit.dot.gov/>

Funding Opportunity Notices:

<https://www.transit.dot.gov/funding/grants/notices>

FTA Notice of Funding Opportunity (cont.)

FTA NOFO Page contains:

- Summary Description
 - Application requirements
 - Eligibility
- Supplemental Form
- Links to Grants.gov
- Links to Program Information
- Other references and links

Link and Instructions for attaching the supplemental form to the SF-424: All applicants must complete the attached [supplemental form](#) and attach it to their submission in GRANTS.GOV.

<https://www.transit.dot.gov/funding/grants/notices>

Grant Programs	>
Program Pages	>
Applicants	>
Grantee Tools	>
Contact Your Regional Office	
FAQ	>

Related Links

- [Advanced Driver Assistance Systems \(ADAS\) for Transit Buses Demonstration and A...](#)

Related Documents

- [Fiscal Year 2022 Advanced Driver Assistance Systems \(ADAS\) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Notice of Funding Supplemental Form](#)

Fiscal Year 2022 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Notice of Funding

Date Posted: September 22, 2022

Date Closed: November 21, 2022

Opportunity ID: FTA-2022-015-TRI-STAR

Grant Program:

[Advanced Driver Assistance Systems \(ADAS\) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Program](#)

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Proposals must be submitted electronically through Grants.Gov website by **11:59 PM Eastern Time on November 21, 2022**.

Link to
Grants.gov

FTA NOFO provides hyperlinks to Grants.gov opportunity notice, related documents, and application package.



Download Application

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 **FTA-2022-015-TRI-STAR**
FY22 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration
Department of Transportation
DOT/Federal Transit Administration

Apply **Subscribe**

SYNOPSIS | **VERSION HISTORY** | **RELATED DOCUMENTS** | **PACKAGE**

General Information

Document Type: Grants Notice	Version: Synopsis 1
Funding Opportunity Number: FTA-2022-015-TRI-STAR	Posted Date: Sep 22, 2022
Funding Opportunity Title: FY22 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration	Last Updated Date: Sep 22, 2022
Opportunity Category: Discretionary	Original Closing Date for Applications: Nov 21, 2022
Opportunity Category Explanation:	Current Closing Date for Applications: Nov 21, 2022
Funding Instrument Type: Cooperative Agreement	Archive Date: Dec 21, 2022
Category of Funding Activity: Transportation	Estimated Total Program Funding: \$6,500,000
Category Explanation:	Award Ceiling: \$0
Expected Number of Awards: 6	Award Floor: \$0
CFDA Number(s): 20.530 -- Public Transportation Innovation	
Cost Sharing or Matching Requirement: Yes	

NOTE: Anyone can download the application package from Grants.gov. However, only “authorized organizational representatives” can submit applications in Grants.gov.

SYNOPSIS | **VERSION HISTORY** | **RELATED DOCUMENTS** | **PACKAGE**

[Print Package List](#) ?

Select Grant Opportunity Package

PLEASE READ BEFORE APPLYING!
If you view and complete your application package using Grants.gov downloadable PDF forms, you MUST have Adobe Reader installed. You may receive a validation error using incompatible versions of Adobe Reader. To prevent a validation error, it is now recommended you uninstall any earlier versions of Adobe Reader and install the latest compatible version of Adobe Reader. If more than one person is working on the PDF forms, ALL applicants must be using the same Adobe Reader version. [Click for more information on Adobe Reader Compatibility.](#)

Opportunity Package(s) Currently Available for this Funding Opportunity:

CFDA	Competition ID	Competition Title	Opportunity Package ID	Opening Date	Closing Date	Actions
20.530	FTA-2022-015-TRI-STAR	FY22 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration	PKG00276957	09/22/2022	11/21/2022	Preview Apply

SYNOPSIS | **VERSION HISTORY** | **RELATED DOCUMENTS** | **PACKAGE**

[Print Related Documents List](#) ?

Click on the following file link(s) to download the related document(s):

File Description	File Name	Last Updated Date/Time	File Size
Folder: Full Announcement - FTA-2022-015-TRI-STAR	FTA-2022-015-TRI-STAR-Full Announcement - FTA-2022-015-TRI-STAR.zip	Sep 22, 2022 08:31:38 AM EDT	377.6 KB
Federal Register Notice	2022-20511.pdf	Sep 22, 2022 08:31:38 AM EDT	224.4 KB
Supplemental Form	FY-2022-Advanced-Driver-Assistance-Systems-(ADAS)-Supplemental-Form.pdf	Sep 22, 2022 08:31:00 AM EDT	197.4 KB

Application Package

SYNOPSIS

VERSION HISTORY

RELATED DOCUMENTS

PACKAGE

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Select Grant Opportunity Package

PLEASE READ BEFORE APPLYING!

If you view and complete your application package using Grants.gov downloadable PDF forms, you MUST have Adobe Reader installed. You may receive a validation error using incompatible versions of Adobe Reader. To prevent a validation error, it is now recommended you uninstall any earlier versions of Adobe Reader and install the latest compatible version of Adobe Reader. If more than one person is working on the PDF forms, ALL applicants must be using the same Adobe Reader version. [Click for more information on Adobe Reader Compatibility.](#)

Opportunity Package(s) Currently Available for this Funding Opportunity:

CFDA	Competition ID	Competition Title	Opportunity Package ID	Opening Date	Closing Date	Actions
20.630	FTA-2022-016-TRI-STAR	FY22 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration	PKG00276967	09/22/2022	11/21/2022	Preview Apply

Preview Opportunity Package Details

Opportunity Package Details:

Agency Contact Information: Steven Mortensen
FTA Office of Research, Demonstration and Innovation
E-mail: transitautomation@dot.gov
Phone: 202-493-0459

Who Can Apply: Organization Applicants

PACKAGE FORMS:

Mandatory Forms
(Click to Preview)

Optional Forms
(Click to Preview)

» SF424 Mandatory Form [V3.0]
» Grants.gov Lobbying Form [V1.1]
» Attachments [V1.2]

Download Instructions

Close

OMB Number: 4040-0002
Expiration Date: 01/31/2019

APPLICATION FOR FEDERAL ASSISTANCE SF-424 - MANDATORY

1.a. Type of Submission:
☒ Application
☐ Plan
☐ Funding Request
☐ Other
Other (specify):

1.b. Frequency:
☒ Annual
☐ Quarterly
☐ Other
Other (specify):

1.d. Version:
☒ Initial ☐ Resubmission ☐ Revision ☐ Update
2. Date Received:
3. Applicant Identifier:
4a. Federal Entity Identifier:
1.c. Consolidated Application/Plan/Funding Request?
Yes ☐ No ☒ [Explanation](#)
7. APPLICANT INFORMATION:
a. Legal Name:
b. Employer/Taxpayer Identification Number (EIN/TIN):
c. Organizational DUNS:
d. Address:
Street1:
City:
State:
Country:
USA: UNITED STATES
e. Organizational Unit:

STATE USE ONLY:
5. Date Received by State:
6. State Application Identifier:
4b. Federal Award Identifier:

Please fill out the following form. [Highlight Existing Fields](#)

ATTACHMENTS FORM

Instructions: On this form, you will attach the various files that make up your grant application. Please consult with the appropriate Agency Guidelines for more information about each needed file. Please remember that any files you attach must be in the document format and named as specified in the Guidelines.

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1) Please attach Attachment 1

2) Please attach Attachment 2

3) Please attach Attachment 3

4) Please attach Attachment 4

5) Please attach Attachment 5

6) Please attach Attachment 6

7) Please attach Attachment 7

8) Please attach Attachment 8

9) Please attach Attachment 9

10) Please attach Attachment 10

11) Please attach Attachment 11

12) Please attach Attachment 12

13) Please attach Attachment 13

14) Please attach Attachment 14

15) Please attach Attachment 15

Add Attachment

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Application Package (cont.)

v1.0
Validate Form

FY22 Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration
Applicant and Proposal Profile

Is this a resubmission due to an invalid/error message from FTA? ☐ Yes ☒ No

Section I. Applicant Information

Organization Legal Name:

FTA Recipient ID Number:
(if applicable)

Organization Chief Executive Officer:
(name and direct phone number)

Applicant Eligibility: ☐ Public Transit Agency
☐ State/Local Government Entity
☐ Metropolitan Planning Organization (MPO)
☐ Federally Recognized Indian Tribe
☐ Institution of Higher Education

Project Location: ☐ Large Urbanized Area
☐ Small Urbanized Area
☐ Rural

Is the organization a minority serving institution? ☐ Yes ☐ No

CAUTION: Do not use “**Supplemental Form**” from prior years or create your own form. Please use the file provided on the FTA website.

The “**Attachment Form**” shown below is included in the SF-424 Grant Application Package in Grants.gov.

Please attach the **FTA Supplemental Form** to the **Attachment Form** shown below when submitting in Grants.gov.

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Authorized for Local Reproduction Standard Form 424 Mandatory (Effective 08/2005)
Prescribed by OMB Circular A-102

ATTACHMENTS FORM

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Important: Please attach your files in the proper sequence. See the appropriate Agency Guidelines for details.

1) Please attach Attachment 1	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment
2) Please attach Attachment 2	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment
3) Please attach Attachment 3	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment
4) Please attach Attachment 4	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment
5) Please attach Attachment 5	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment
6) Please attach Attachment 6	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment
7) Please attach Attachment 7	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment
8) Please attach Attachment 8	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment
9) Please attach Attachment 9	<input type="text"/>	Add Attachment	Delete Attachment	View Attachment

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- » How to Apply for Grants
- » Track My Application

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- » Workspace Overview
- » Applicant Eligibility
- » Organization Registration
- » Applicant Registration
- » Applicant Training
- » Applicant FAQs
- » Adobe Software Compatibility
- » Submitting UTF-8 Special Characters
- » Encountering Error Messages

FOR APPLICANTS

Check Your Eligibility
Are you or your organization eligible for a grant? Learn how to check your eligibility here.
[Check Your Applicant Eligibility »](#)

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To apply, you need to register an account with Grants.gov. Begin registering today.
[Applicant Registration »](#)
[Organization Registration »](#)

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[Apply for a Grant Opportunity](#)
[Workspace Overview »](#)

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[Track Your Application »](#)

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[Adobe Compatibility Tip Sheet »](#)

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Access training materials, tips and other resources that will help you successfully navigate Grants.gov.
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[Grants.gov Online User Guide »](#)

Applicant FAQs
If you have questions, you are not alone. Here are the answers to frequently asked questions.
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GRANTS.GOV Applicant Support
1-800-518-4728
support@grants.gov

<https://www.grants.gov/web/grants/applicants.html>



Applicant – Organization Registration

The screenshot shows the Grants.gov homepage with a blue header. The main navigation bar includes links for HOME, LEARN GRANTS, SEARCH GRANTS, APPLICANTS (highlighted), GRANTORS, SYSTEM-TO-SYSTEM, FORMS, CONNECT, and SUPPORT. A search bar at the top right contains the text 'Grant Opportunities' and a 'GO' button. Below the navigation bar, there's a large banner with the text 'FOR APPLICANTS' and a background image of people walking. To the right of the banner, there's a sidebar with two columns of links: 'GRANT APPLICATIONS' (How to Apply for Grants, Track My Application) and 'APPLICANT RESOURCES' (Workspace Overview, Applicant Eligibility, Organization Registration, Applicant Training, Applicant FAQs, Adobe Software Compatibility, Submitting UTF-8 Special Characters, Encountering Error Messages). Below the banner, there are eight tiles with icons and text: 'Check Your Eligibility', 'Get Registered', 'Apply for Grants', 'Track Your Application', 'Adobe Compatibility', 'Applicant Training', 'Applicant FAQs', and 'Manage Subscriptions'. Each tile has a brief description and a link to the relevant page. At the bottom, there's a footer with links for 'CONNECT WITH US' (Blog, Twitter, YouTube, Alerts, RSS, XML Extract, Get Adobe Reader), 'HEALTH & HUMAN SERVICES' (HHS.gov, EEOC / No Fear Act, Accessibility, Privacy, Disclaimers, Site Map), 'COMMUNITY' (USA.gov, WhiteHouse.gov, USAspending.gov, SBA.gov, CFDA.gov, SAM.gov, DUNS Request, Report Fraud), and 'GRANTS.GOV Applicant Support' (1-800-518-4726, support@grants.gov).

The screenshot shows the 'ORGANIZATION REGISTRATION' page on Grants.gov. The page has a blue header with the same navigation bar as the homepage. Below the header, there's a sidebar with links for 'GRANT APPLICATIONS' and 'APPLICANT RESOURCES'. The main content area is titled 'ORGANIZATION REGISTRATION' and contains a section 'Registering an Organization' with instructions for new organizations. It states that organizations must complete several steps before applying for a federal grant: 1. Obtain a DUNS Number, 2. Register with SAM, and 3. Register with Grants.gov. Each step has a brief description and a link to the relevant page. The page also includes a 'How long does this step usually take?' section with a timeline for each step: 1-2 business days for DUNS, and up to 5 more weeks for SAM and Grants.gov registration.

Organizations must register in Grants.gov in order to submit applications

Workspace in Grants.gov

GRANTS.GOV > Applicants > Workspace Overview

WORKSPACE OVERVIEW

GRANT APPLICATIONS

- » [How to Apply for Grants](#)
- » [Track My Application](#)

APPLICANT RESOURCES

- » [Workspace Overview](#)
- » [Workspace Basic](#)
- » [Workspace Intermediate](#)
- » [Workspace Advanced](#)
- » [Workspace Process](#)
- » [Workspace Roles](#)
- » [Custom Roles](#)
- » [Applicant Eligibility](#)
- » [Organization Registration](#)
- » [Applicant Registration](#)
- » [Applicant Training](#)
- » [Applicant FAQs](#)
- » [Adobe Software Compatibility](#)
- » [Submitting UTF-8 Special Characters](#)
- » [Encountering Error Messages](#)

Get Started on Your Workspace Application

Workspace is the standard way for organizations or individuals to apply for federal grants in Grants.gov. Workspace allows a grant team to simultaneously access and edit different forms within an application. Plus, the forms can be filled out online or offline—your choice.

Grants.gov Workspace also allows applicants and organizations to tailor their application workflow. Here are three approaches that applicants can take when completing a Workspace application:

Basic

- + Best for organizations with 1-2 registered Grants.gov users
- + Application forms are downloaded and emailed to collaborators before being uploaded back to the workspace

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Intermediate

- + Best for organizations with 3-5 registered Grants.gov users
- + Applicant teams are typically comprised of an AOR who submits, as well as a Workspace Owner who oversees form completion

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Advanced

- + Best for organizations with external Grants.gov users such as consultants
- + Workspace Owner manages form access
- + Workspace Owner manages subforms

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Using Custom Roles in Workspace

Organizations are also able to create custom roles and assign these roles to the users affiliated with the organization.

[LEARN MORE >](#)

GRANTS.GOV > Applicants > Workspace Overview > Workspace Roles

WORKSPACE ROLES

GRANT APPLICATIONS

- » [How to Apply for Grants](#)
- » [Track My Application](#)

APPLICANT RESOURCES

- » [Workspace Overview](#)
- » [Workspace Basic](#)
- » [Workspace Intermediate](#)
- » [Workspace Advanced](#)
- » [Workspace Process](#)
- » [Workspace Roles](#)
- » [Custom Roles](#)
- » [Applicant Eligibility](#)
- » [Organization Registration](#)
- » [Applicant Registration](#)
- » [Applicant Training](#)
- » [Applicant FAQs](#)
- » [Adobe Software Compatibility](#)
- » [Submitting UTF-8 Special Characters](#)
- » [Encountering Error Messages](#)

Grants.gov Roles & Privileges

When an applicant organization user registers with Grants.gov, the organization E-Business Point of Contact (EBiz POC) -- or a user with the Expanded AOR role -- can assign the user a core role, a custom role, or no role.

Administrator E-Business Point of Contact (EBiz POC)

Core Role Expanded AOR

Core Role Standard AOR

Core Role Workspace Manager

Custom Role

No Role

E-Business Point of Contact

The E-Business Point of Contact (EBiz POC) works primarily at the administrative level to (among other tasks) assign roles to organization users once they register with Grants.gov.



Web Addresses

FTA Funding Opportunities:



<https://www.transit.dot.gov/funding/grants/notices>

Grants.gov:



<http://www.grants.gov/>
<http://www.grants.gov/web/grants/applicants.html>

GRANTS.GOV Applicant Support
1-800-518-4726
support@grants.gov



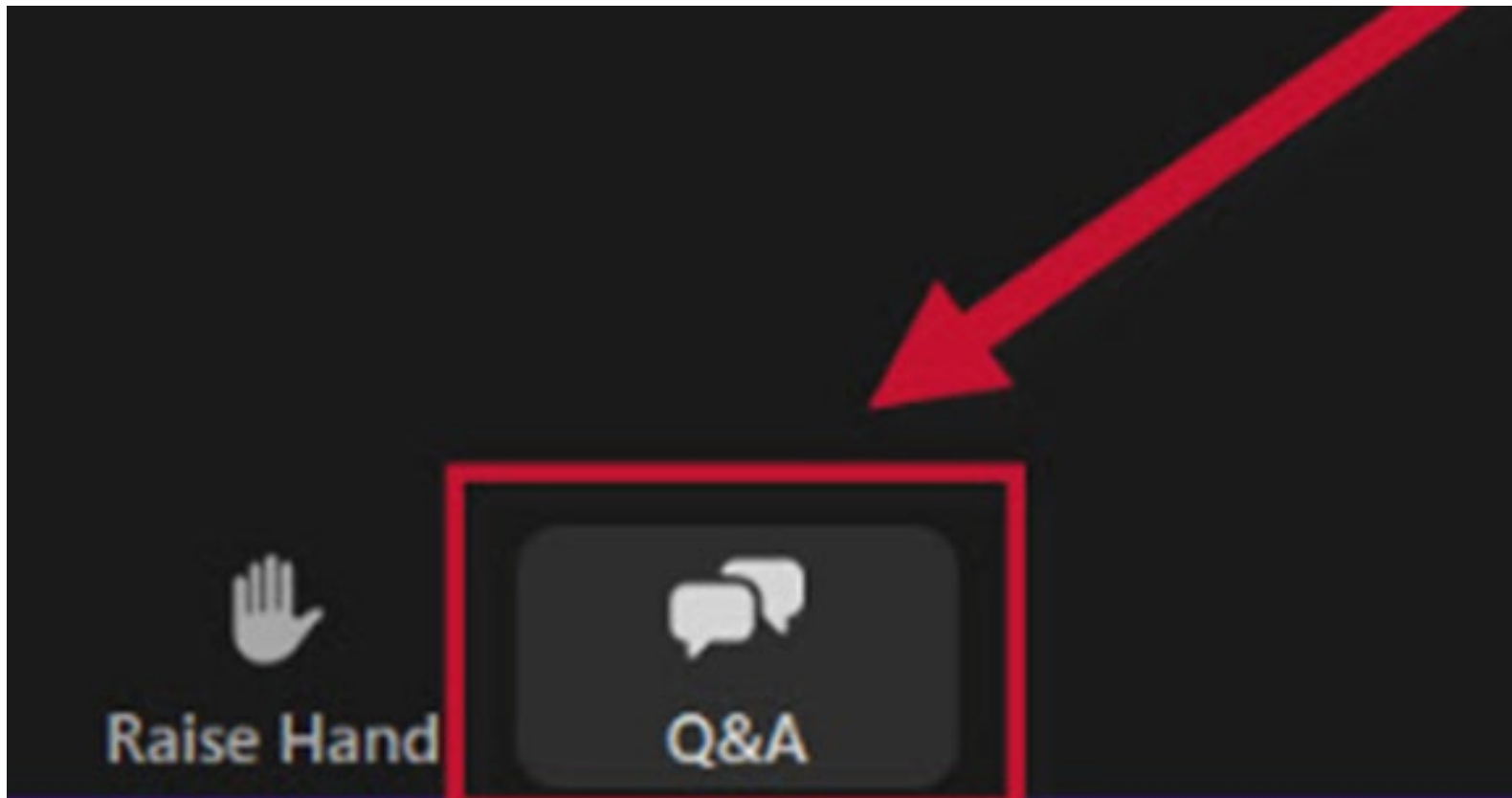
ADAS for Transit Buses Demonstration &
Automated Transit Bus Maintenance and Yard Operations Demonstration

QUESTIONS AND ANSWERS



Questions

Please submit your questions using the Q&A button below.





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