



Birmingham-Jefferson County Transit Authority
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**Program of Projects
For
Federal Fiscal Year 2022
(Utilizing FFY 2021 Apportionments)**

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Introduction and Overview

The Birmingham-Jefferson County Transit Authority (BJCTA), in accordance with Federal Transportation Administration Circular 9030.1E (FTA C 9030.1E) – Urbanized Area Formula Program: Program Guidance and Application Instructions, has developed this Program of Projects (POP) for federal fiscal year 2022. A POP is a list of projects proposed by a designated recipient in cooperation with a Metropolitan Planning Organization (MPO) to be funded from the urbanized area’s Section 5307 apportionment and FTA Section 5339, Bus and Bus Facilities Formula Program. The POP includes a brief description of these funding programs, a list of the eligible projects that are proposed to be funded under each including any sub-allocation among public transportation providers, total project costs, and Federal share for each project. Projects identified in the POP, once they have approved, will be programmed into the Birmingham MPO’s Transportation Improvement Program (TIP).

The POP may include funds from a previous fiscal year that have not been completely expended and that have rolled over into the current fiscal year. In some cases, the POP may also include flexible highway funds such as Congestion Mitigation and Air Quality (CMAQ).

FTA Section 5307 List of Projects

FTA Section 5307 Urbanized Area Formula Program Description

FTA Section 5307 (49 U.S.C. 5307) formula funds provides funding to public transit systems in the Urbanized Areas (UZA) for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.

The Program of Projects (POP) will identify the projects for which the designated recipient is applying for financial assistance.

The Program of Projects (POP) identifies the sub-recipients and projects for which the designated recipient is applying for financial assistance. The BJCTA will submit a POP to the Federal Transit Administration (FTA) for approval of FTA Section 5307 projects located within the Birmingham MPO urbanized area. This POP includes a brief description, total projects costs and Federal share of each project, and the amount of funds required for planning and program administration.

Designated Recipient: Birmingham-Jefferson County Transit Authority

Fund Sources	Federal	State	Local	Total
FY 2021 Apportionment	\$7,725,309	\$0	\$1,931,327	\$9,656,636
Total Funds Available	\$7,725,309	\$0	\$1,931,327	\$9,656,636

FTA COVID-19 related Funds

Fund Sources	Federal	State	Local	Total
CARES	\$7,059,881	\$0	\$0	\$7,059,881
CRRSAA	\$3,105,909	\$0	\$0	\$3,105,909
ARP	\$1,000,000	\$0	\$0	\$1,000,000
Total Funds Available	\$11,165,790	\$0	\$0	\$11,165,790

List of Projects

Project Sponsor: Birmingham-Jefferson County Transit Authority

Agency Description: The Birmingham-Jefferson County Transit Authority (BJCTA) was created in 1972 by an Act of the Alabama Legislature, taking over the public transit operation for the City of Birmingham and Jefferson County from the Birmingham Transit Company. The BJCTA provides local publicly accessed bus service to citizens and visitors within the Metropolitan Birmingham area. In addition, the BJCTA provides special door-to-door paratransit services for seniors and people with disabilities that are unable to ride the larger buses on the fixed routes. BJCTA is an independent authority, whose appointed nine-member board of directors develops, implements, and monitors public transportation policy, and oversees the fiscal well-being of the agency.

Project: Preventative Maintenance

Project Description: The Federal Transit Administration (FTA) requires that federally-funded assets be maintained in accordance to documented Transit Asset Management Plan. Preventative maintenance is required to ensure vehicles remain in a state of good repair based on manufacturer recommendations. Preventative maintenance also helps to avoid breakdowns that may jeopardize passenger safety, helps ensure that all equipment such as wheelchair lifts are functioning properly, and to conserve agency vehicle maintenance budgets. In short, well-maintained vehicles are essential to providing a safe and secure transit experience. Projects included herein address both vehicle maintenance and the equipment needed to maintain these vehicles, as well as Maintenance Department facilities.

Scope	Federal	State	Local	Total
Preventive Maintenance	\$2,801,400	\$0	\$700,350	\$3,501,750
Preventive Maintenance (CARES Act)	\$3,900,000	\$0	\$0	\$3,900,000
Total	\$ 6,701,400	\$0	\$700,350	\$7,401,750

Project: Operating Assistance

Project Description: The Federal Transit Administration (FTA) provides funding to eligible recipients for costs incurred in the operation of public transportation service. In general, operating expenses are those costs necessary to operate, maintain, and manage the public transportation system. The funding will cover sign-on bonuses for new drivers and performance incentives for operations, maintenances, and facilities. wages and other expenses incurred in the operation of the transit authority. These bonuses and incentives are necessary to maintain staff and manage the public transportation system.

Scope	Federal	State	Local	Total
Operating Assistance (CRRSAA)	\$3,105,909	\$0	\$0	\$3,105,909
Operating Assistance (ARP)	\$1,000,000	\$0	\$0	\$1,000,000
Total	\$ 4,105,909	\$0	\$0	\$4,105,909

Project: Information Technology and Communications

Project Description: BJCTA seeks to enhance BJCTA's information technology and communications. This project will replace and add the following new technology to support BJCTA:

- (1) Laptops (2) Disk drives (3) Wi-Fi heads and support software (4) Network switches (5) Licensing to support hardware

Scope	Federal	State	Local	Total
ADP hardware and software	\$60,000	\$0	\$15,000	\$75,000
Total	\$60,000	\$0	\$15,000	\$75,000

Project: Boardroom Hardware upgrades

Project Description: BJCTA seeks to replace the current technology in the Boardroom. This includes replacing the ceiling monitors, installing new projector with multiple views, new electronic screens, and implementing "Live Stream" system for broadcasting public meetings. Current equipment has exceeded its useful life.

Scope	Federal	State	Local	Total
Misc. Support communication equipment	\$44,800	\$0	\$11,200	\$56,000
Total	\$44,800	\$0	\$11,200	\$56,000

Project: Fareboxes for fixed routes

Project Description: BJCTA seeks to replace the current Genfare fareboxes on the fixed route buses. The current technology has exceeded useful life and has been on the buses for 18 years. To bring the fareboxes up to date would also allow the multiple sources of fare collection. This would include coins, QR Codes, and passes. The purchase will include hardware, software, spare parts, vaulting system, and support. BJCTA is looking to procure this on State contract or GSA.

Scope	Federal	State	Local	Total
Stationary Fare Collection Equipment	\$1,600,000	\$0	\$400,000	\$2,000,000
Total	\$1,600,000	\$0	\$400,000	\$2,000,000

Project: Furnishings

Project Description: BJCTA will purchase furniture and fixtures for transit- facilities improvements.

Scope	Federal	State	Local	Total
Miscellaneous support equipment	\$52,000	\$0	\$13,000	\$65,000
Total	\$52,000	\$0	\$13,000	\$65,000

Project: CNG Retrofit conversion (34 units)

Project Description: BJCTA is extending engine life by rebuilding engines and installing Steele Pistons.

Scope	Federal	State	Local	Total
Rebuild Spare Parts / Assoc. Capital Maintenance Items	\$1,006,400	\$0	\$251,600	\$1,258,000
Total	\$1,006,400	\$0	\$251,600	\$1,258,000

Project: 3rd Party Contracted Services

Project Description: BJCTA will be seeking third-party consulting services for strategic planning and project management oversight.

Scope	Federal	State	Local	Total
3 rd Party Contracted Services	\$144,000	\$0	\$36,000	\$180,000
Total	\$144,000	\$0	\$36,000	\$180,000

Project: Training/Professional Development

Project Description: BJCTA will focus on improving and increasing staff capabilities and competencies through access to learning and training opportunities.

Scope	Federal	State	Local	Total
Project Administration	\$16,000	\$0	\$4,000	\$20,000
Total	\$16,000	\$0	\$4,000	\$20,000

Project: BJCTA Maintenance/Operations Facility (LAND purchase)

Project Description: The BJCTA Operating and Maintenance Facility is located on approximately 7.16 acres at 3105 Abraham Woods Jr. Boulevard. The site is separated into two parcels with the bus parking area (approximately 2.33 acres) on the north side of Abraham Woods Jr. Boulevard (8th Avenue) and the administrative offices, shops, fueling facilities and employee parking (approximately 4.83 acres on the south side of Abraham Woods Jr. Boulevard (8th Avenue)). The original office and maintenance building was constructed in 1966 with a five bay expansion in 1986 and a second renovation in 1987. The office facility is a two-story brick façade building attached to the maintenance facility on one side.

The maintenance facility and its addition in 1986 are both a two story building finished with brick and prefinished aluminum panels. It is a combination of metal frame construction and load bearing concrete block structure. The facility has experienced repeated flooding at the corner of Abraham Woods Jr. Boulevard (8th Avenue) and 31st Street North.

The existing BJCTA Bus Maintenance and Operations Facility is functionally inadequate for current operations, maintenance, storage, and site circulation. BJCTA will construct a new operating and maintenance facility at a new site location.

Scope	Federal	State	Local	Total
Land Acquisition	\$2,000,709	\$0	\$500,177.25	\$2,500,886.25
Total	\$2,000,709	\$0	\$500,177.25	\$2,500,886.25

FTA Section 5339 List of Projects

FTA Section 5339 Bus and Bus Facilities Formula Program Description

The Grants for Buses and Bus Facilities program (49 U.S.C. 5339) makes federal resources available to states and direct recipients to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities including technological changes or innovations to modify low or no emission vehicles or facilities. Funding is provided through formula allocations and competitive grants.

Designated Recipient: Birmingham-Jefferson County Transit Authority

Fund Sources	Federal	State	Local	Total
FY 2021 Apportionment	\$843,200	\$0	\$210,800	\$1,054,000
Total Funds Available	\$843,200	\$0	\$210,800	\$1,054,000

List of Projects

Project Sponsor: Birmingham-Jefferson County Transit Authority

Agency Description: The Birmingham-Jefferson County Transit Authority (BJCTA) was created in 1972 by an Act of the Alabama Legislature, taking over the public transit operation for the City of Birmingham and Jefferson County from the Birmingham Transit Company. The BJCTA provides local publicly accessed bus service to citizens and visitors within the Metropolitan Birmingham area. In addition, the BJCTA provides special door-to-door paratransit services for seniors and people with disabilities that are unable to ride the larger buses on the fixed routes. BJCTA is an independent authority, who's appointed nine-member board of directors develops, implements, and monitors public transportation policy, and oversees the fiscal wellbeing of the agency.

Project: ADA Bus Stop enhancements – ongoing improvements

Project Description: ADA enhancements are vital in order to help individuals with disabilities access fixed route services in a safe manner. In order to provide accessible bus stops and shelters, BJCTA will continue to install firm/stable foundations, concrete pads/slabs, sidewalks, curve cuts, and tactile pavement.

Scope	Federal	State	Local	Total
Rehab/Renov Bus Stop Improvements	\$20,000	\$0	\$5,000	\$25,000
Total	\$20,000	\$0	\$5,000	\$25,000

Project: New Bus Shelters for replacement and enhancement

Project Description: The Birmingham-Jefferson County Transit Authority's currently have an estimated 99 bus shelters with 5-6 different styles. The purpose of this funding is to order new bus shelters and retrofit the system so it could be uniformed across the BJCTA transit service network.

Scope	Federal	State	Local	Total
Purchase Bus Shelters	\$120,000	\$0	\$30,000	\$150,000
Total	\$120,000	\$0	\$30,000	\$150,000

Project: Systemwide bus enhancements (improvements/maintenance of current passenger amenities)

Project Description: The BJCTA system is in serious need of a system-wide bus stop/shelter enhancement program. The current bus stops used to identify the BJCTA’s brand and indicate where customers should board the bus are significantly faded, cracked, and in disrepair. New bus stops blades are needed for the entire system including a redesign of the bus stop signs to provide required customer amenities including stop identification, route number, destination, mobile app number, customer service number, and text to stop information. Many bus stops signs display old Max logo branding and have not been updated to reflect the current Max brand. In addition, current bus shelters will require minor enhancements such as replacement glass, seating ad trash receptacles. Simme-seats (benches) are needed in various locations that ridership does not support a bus shelter. This will be a continuous project until the entire BJCTA service network is complete.

Scope	Federal	State	Local	Total
Rehab/Renov Bus Passenger Shelters and stops	\$80,000	\$0	\$20,000	\$100,000
Total	\$80,000	\$0	\$20,000	\$100,000

Project: Shop equipment upgrades/portable equipment for new Maintenance/Operation Facility

Project Description: BJCTA will upgrade and replace shop equipment that’s beyond repair and useful life.

Scope	Federal	State	Local	Total
Shop equipment upgrades/equipment for new Maintenance/Operation Facility	\$403,200	\$0	\$100,800	\$504,000
Total	\$403,200	\$0	\$100,800	\$504,000

Project: 3rd Party Contracted Services

Project Description: The BJCTA Operating and Maintenance Facility is located on approximately 7.16 acres at 3105 Abraham Woods Jr. Boulevard. The site is separated into two parcels with the bus parking area (approximately 2.33 acres) on the north side of Abraham Woods Jr. Boulevard (8th Avenue) and the administrative offices, shops, fueling facilities and employee parking (approximately 4.83 acres on the south side of Abraham Woods Jr. Boulevard (8th Avenue)). The original office and maintenance building was constructed in 1966 with a five bay expansion in 1986 and a second renovation in 1987. The office facility is a two-story brick façade building attached to the maintenance facility on one side.

The maintenance facility and its addition in 1986 are both a two story building finished with brick and prefinished aluminum panels. It is a combination of metal frame construction and load bearing concrete block structure. The facility has experienced repeated flooding at the corner of Abraham Woods Jr. Boulevard (8th Avenue) and 31st Street North.

BJCTA will construct a new operating and maintenance facility at a new site location which will require preliminary engineering and environmental assessment. Funding will cover any preliminary engineering or other 3rd party contract-related services to this project.

Scope	Federal	State	Local	Total
3 rd Party Contracted Services	\$160,000	\$0	\$40,000	\$200,000
Total	\$160,000	\$0	\$40,000	\$200,000

Project: Suspension Kits

Project Description: The Birmingham-Jefferson County Transit Authority' Maintenance division will replace air kits with suspension kits on all of the paratransit buses to ensure a smooth ride for seniors and disable patrons.

Scope	Federal	State	Local	Total
Rebuild Spare Parts / Assoc. Capital Maintenance Items	\$60,000	\$0	\$15,000	\$75,000
Total	\$60,000	\$0	\$15,000	\$75,000