



Birmingham-Jefferson County Transit Authority  
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**Program of Projects  
For  
Federal Fiscal Year 2019  
(Utilizing FFY 2018 Apportionments)**

February 21, 2019

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## Introduction and Overview

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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 2019. 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

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### 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 sub-recipients and projects for which the designated recipient is applying for financial assistance. This POP will be submitted to the Federal Transit Administration (FTA) for approval of New Freedom projects in the Nashville MPO urbanized area.

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 2018 Apportionment	\$7,352,975		\$1,838,244	\$9,191,219
<b>Total Funds Available</b>	<b>\$7,352,975</b>		<b>\$1,838,244</b>	<b>\$9,191,219</b>

## List of Projects

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### 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 Vehicle Maintenance Program. 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
Vehicle Preventative Maintenance	\$ 6,017,962		\$ 1,504,491	\$ 7,522,453
Scrubber for Maintenance	\$ 40,227		\$ 10,057	\$ 50,284
<b>Total</b>	<b>\$ 6,058,189</b>		<b>\$ 1,514,548</b>	<b>\$ 7,572,737</b>

**Project: Information Technology and Communications**

**Project Description:** Efficient and effective communication technologies are vital to transit agencies. Jefferson County, which makes up a large portion of the BJCTA service area, is upgrading its communication tower signals from an analog to digital platform. The BJCTA Information Technology department is getting a head of the curb by implementing this project to ensure driver communication is not disrupted during this transition, but rather enhanced.

Scope	Federal	State	Local	Total
Bus Radios	\$ 445,217		\$ 111,304	\$ 556,521
<b>Total</b>	<b>\$ 445,217</b>		<b>\$ 111,304</b>	<b>\$ 556,521</b>

**Project: Vehicle Replacement/Expansion Program**

**Project Description:** BJCTA has developed a vehicle replacement and expansion program to support its efforts to replace revenue and non-revenue vehicles that have achieved or exceeded their useful life, expand vehicle fleet to meet new demands, and to align with the components of the agency’s Transit Asset Management Plan (TAM).

Scope	Federal	State	Local	Total
(2) 35-Foot Compressed Natural Gas Fixed-Route Buses for expansion	\$ 849,569		\$ 212,392	\$1,061,961
<b>Total</b>	<b>\$ 849,569</b>		<b>\$ 212,392</b>	<b>\$1,061,961</b>

## 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. A sub-program, the Low- or No-Emission Vehicle Program, (Lo-No) provides competitive grants for bus and bus facility projects that support low and zero-emission vehicles.

Designated Recipient: Birmingham-Jefferson County Transit Authority

Fund Sources	Federal	State	Local	Total
FY 2018 Apportionment	\$ 946,373		\$ 236,593	\$1,182,966
<b>Total Funds Available</b>	<b>\$ 946,373</b>		<b>\$ 236,593</b>	<b>\$1,182,966</b>

### 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 wellbeing of the agency.

#### Project: Vehicle Replacement/Expansion Program

**Project Description:** BJCTA has developed a vehicle replacement and expansion program to support its efforts to replace revenue and non-revenue vehicles that have achieved or exceeded their useful life, expand vehicle fleet to meet new demands, and to align with the components of the agency's Transit Asset Management Plan (TAM).

Scope	Federal	State	Local	Total
(7) Paratransit Buses for Replacement	\$ 375,189		\$ 93,797	\$ 468,986
F250 Maintenance Service Truck for replacement	\$ 39,542		\$ 9,886	\$ 49,428
F350 Facilities Service Truck for Replacement	\$ 40,512		\$ 10,128	\$ 50,640
<b>Total</b>	<b>\$ 455,243</b>		<b>\$ 113,811</b>	<b>\$ 569,054</b>

**Project: Equipment and Facility Safety**

**Project Description:** BJCTA takes traveler safety seriously, and has made it a priority. BJCTA also takes seriously the security of transit assets, facilities, and employees. As such, BJCTA has undertaken improvements to secure its facilities, ensure equipment is operating at peak performance and improve safety for its employees and the public by providing efficient and effective maintenance and security equipment for vehicles, facilities and sensitive areas of its operation.

<b>Scope</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
Frame Machine for Maintenance	\$ 109,793		\$ 27,448	\$ 137,241
Transit Pro Bus Pusher/Protector	\$ 66,001		\$ 16,500	\$ 82,501
Bus Camera Upgrade	\$ 302,216		\$ 75,554	\$ 377,771
<b>Total</b>	<b>\$ 478,010</b>		<b>\$ 119,502</b>	<b>\$ 597,512</b>

**Project: Fiscal Accountability**

**Project Description:** Many of BJCTA's customers still pay for transit services using cash and coins. As a result, effective operations of the agency's fare boxes is extremely important to verify that cash and coins counted by staff match the electronic fare box readings. This project will allow BJCTA to purchase software enhancements that will be installed on each fixed-route bus to ensure functionality and accuracy.

<b>Scope</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
Fare Box Software Upgrade	\$ 13,120		\$ 3,280	\$ 16,400
<b>Total</b>	<b>\$ 13,120</b>		<b>\$ 3,280</b>	<b>\$ 16,400</b>

## FTA Section 5310 List of Projects

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### FTA Section 5310 Enhanced Mobility of Elderly and Disabled Individuals Program Description

The Grants for Enhanced Mobility of Elderly and Disabled Individuals program (49 U.S.C. 5310) makes federal resources available to states. This program (49 U.S.C. 5310) provides formula funding to states for the purpose of assisting private nonprofit groups in meeting the transportation needs of older adults and people with disabilities when the transportation service provided is unavailable, insufficient, or inappropriate to meeting these needs. Funds are apportioned based on each state's share of the population for these two groups.

Formula funds are apportioned to direct recipients; for rural and small urban areas, this is the state Department of Transportation, while in large urban areas, a designated recipient is chosen by the governor. Direct recipients have flexibility in how they select sub-recipient projects for funding, but their decision process must be clearly noted in a state/program management plan. The selection process may be formula-based, competitive or discretionary, and sub-recipients can include states or local government authorities, private non-profit organizations, and/or operators of public transportation.

The program aims to improve mobility for seniors and individuals with disabilities by removing barriers to transportation service and expanding transportation mobility options. This program supports transportation services planned, designed, and carried out to meet the special transportation needs of seniors and individuals with disabilities in all areas – large urbanized (over 200,000), small urbanized (50,000-200,000), and rural (under 50,000). Eligible projects include both “traditional” capital investment and “nontraditional” investment beyond the Americans with Disabilities Act (ADA) complementary paratransit services.

BJCTA in Partnership with the Regional Programming Commission (RPC) developed a request for proposal process (RFP) in which these sub-recipients are selected and approved by the Metropolitan Planning Organization board (MPO).

Designated Recipient: Birmingham-Jefferson County Transit Authority

<b>Fund Sources</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
FY 2018 Apportionment Utilizing	\$ 682,215		\$ 153,373	\$ 835,588
<b>Total Funds Available</b>	<b>\$ 682,215</b>		<b>\$ 153,373</b>	<b>\$ 835,588</b>

### List of Projects

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#### 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 nine-member appointed board of directors develops, implements, and monitors public transportation policy, and oversees the fiscal wellbeing of the agency.

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**Project: Vehicle Replacement/Expansion Program**

**Project Description:** BJCTA has developed a vehicle replacement and expansion program to support its efforts to replace vehicles that have achieved or exceeded their useful life, expand vehicle fleet to meet increased para-transit demands, and to align with the components of the agency's Transit Asset Management Plan (TAM), and monitors its sub-recipients to ensure they have vehicle maintenance plans in place as well. FY 2018 Section 5310 funds will be provided to BJCTA to fund BJCTA para-transit projects and to support sub-recipients as indicated below.

<b>Scope</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
(3) Para-transit buses ( <i>BJCTA</i> )	\$ 176,119		\$ 44,030	\$ 220,149
(3) 7-Passenger Vans ( <i>Arc of Central Alabama</i> )	\$ 56,500		\$ 14,125	\$ 70,625
(3) 15-Passenger Vans ( <i>Arc of Central Alabama</i> )	\$ 74,400		\$ 18,600	\$ 93,000
(1) Cutaway Bus with Lift ( <i>Arc of Central Alabama</i> )	\$ 44,000		\$ 11,000	\$ 55,000
(1) Modified Van with Lift ( <i>Kid One</i> )	\$ 44,000		\$ 11,000	\$ 55,000
<b>Total</b>	<b>\$ 395,019</b>		<b>\$ 98,755</b>	<b>\$ 493,774</b>

**Project: New Vehicle Acquisition, Vehicle Replacement and Third-Party Transportation**

**Project Description:** In addition to vehicles, sub-recipients may purchase trips for third-party transportation needs, purchase capital items such as benches, shelters, computer hardware, computer software, etc. FY 2018 Section 5310 funds will be provided to BJCTA to support these sub-recipients in this effort as detailed below.

<b>Scope</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
GPS, Computers and Printers ( <i>Kid One</i> )	\$ 4,712		\$ 1,178	\$ 5,890
Purchase 16,700 Trips ( <i>Traveler's Aid</i> )	\$ 213,760		\$ 53,440	\$ 267,200
<b>Total</b>	<b>\$ 218,472</b>		<b>\$ 54,618</b>	<b>\$ 273,090</b>

**Project: Administrative Fees**

**Project Description:** BJCTA and RPC will work together to inform sub-recipients about Section 5310 requirements, provide training and technical assistance, monitor activities of sub-recipients, etc. The specific duties of each entity is identified in the MOU between the agencies. FY 2018 Section 5310 funds will be provided to BJCTA for the above stated purposes.

<b>Scope</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
Regional Programming Commission	\$ 34,362		\$ 0	\$ 34,362
Birmingham-Jefferson County Transit Authority	\$ 34,362			\$ 34,362
<b>Total</b>	<b>\$ 68,724</b>		<b>\$ 0</b>	<b>\$ 68,724</b>