

<b>Applicant Organization:</b>	Chatham County
<b>Project Title:</b>	Truman Linear Park Trail, Phase 2A, P.I. #0007631



**Coastal Region Metropolitan Planning Organization**

## **Transportation Alternatives (TA) Call for Projects**

# **APPLICATION**

**WINTER 2017**

**An electronic copy of the completed application is due:  
February 3, 2017, by 5:00 p.m.**

**Send to:**  
Jane Love, Transportation Planner  
Chatham County-Savannah Metropolitan Planning Commission  
[lovej@thempc.org](mailto:lovej@thempc.org)

**Phone:**  
912-651-1449

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**Coastal Region Metropolitan Planning Organization**

**Transportation Alternatives (TA)  
2017 Call for Projects**

CHECKLIST FOR APPLICANTS

- Have you answered all applicable questions in the application?

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- Has the appropriate person signed the application?

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- Have you filled out the detailed budget table on the last page of this application?

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- Have you attached a letter from your governing board or chief staff person who is able to commit to the local match?

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- Have you attached a project location map?

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- Have you attached other information that is applicable to the answers in your application?

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Coastal Region Metropolitan Planning Organization (CORE MPO)

# Transportation Alternatives (TA)

## APPLICATION

### 2017 Call for Projects

The Coastal Region Metropolitan Planning Organization (CORE MPO) is conducting a competitive project selection process in order to award Transportation Alternatives (TA) funds.

- **Minimum Award = \$200,000 (federal portion, not total project cost)**
- **Maximum Availability = \$3,000,000 (federal portion, not total project cost)**
- **At least 20% of the eligible costs of the proposed project must be non-federal funds.**  
(Previously incurred costs cannot be counted as part of the 20% matching the newly awarded federal funds.)

The 2017 Call for Projects combines the MPO's TA balance for FY 2018 (about \$2.2 million) with a conservative estimate of expected TA revenue from FY 2019 through FY 2021, to allow \$3 million of federal funding to be awarded in this round. The MPO may award one proposal or several. Therefore an applicant may request up to \$3 million for the *federally funded* portion of their proposal. ***Please be aware that the entire \$3 million is not immediately available for programming in the initial years of the Transportation Improvement Program (TIP), and therefore project sponsors will need to be flexible about the project schedule if requesting more than \$2.2 million.*** MPO staff will coordinate with the project sponsor regarding the TIP programming schedule for their project.

The federal funding request in this application can represent no more than 80% of the total cost of the applicant's proposal. (Thus, for example, an applicant requesting \$1,000,000 in federal TA funds, and providing no more than the required 20% local match, would be submitting a proposal totaling \$1,250,000.)

- **Federal requirements for the project development process are associated with federal funds.**

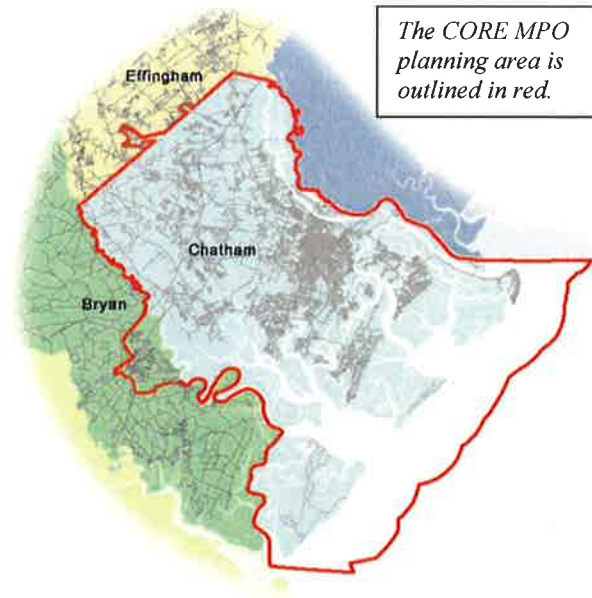
Applicants should keep in mind that this federal funding involves adherence to several federal requirements, as applicable, such as the National Environmental Policy Act (NEPA), prevailing wage rates (Davis-Bacon), Buy America, competitive bidding, and other contracting requirements, regardless of whether the projects are located within the right-of-way of a Federal-aid highway. CORE MPO has set a minimum federal request in this round because the federal requirements tend to make larger projects more administratively efficient. For guidance about the treatment of projects with these federal funds, see the web page at:

[http://www.fhwa.dot.gov/environment/transportation\\_alternatives/guidance/guidance\\_2016.cfm#TreatmentProjects](http://www.fhwa.dot.gov/environment/transportation_alternatives/guidance/guidance_2016.cfm#TreatmentProjects).

- **Projects funded through this selection process must be located within the CORE MPO's Metropolitan Planning Area (MPA) boundary.**

The Metropolitan Planning Area includes all of Chatham County, as well as Richmond Hill in Bryan County and a small portion of unincorporated Effingham County (see map).

Transportation Alternatives funding is not subject to the prohibition against use on local roads or rural minor collectors, as generally applies to Surface Transportation Block Grant (STBG) funds. (Incidentally, TA-type projects are not subject to the prohibition even if funded with STBG funds.)



Please see [CORE MPO Transportation Alternatives Manual](#) for additional information.

## **Applicant and Project Information**

### **Eligible Entities**

Please indicate which type of eligible entity is the primary project sponsor: (Select one.)

- Local government

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- Regional transportation authority

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- Transit agency

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- Natural resource agency or public land agency

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- School district, local education agency, or school (public or nonprofit private)

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- Tribal government

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- Other local or regional governmental entity with responsibility for oversight of transportation or recreational trails that the State of Georgia determines to be eligible, consistent with the goals of subsection (c) of section 213 of title 23.

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- Non-profit entities responsible for the administration of local transportation safety programs.

**Types of Eligible Projects**

Please indicate which categories your proposal falls under: (Select as many as apply. The number of categories does not affect your project’s score.)

- Construction, planning, and design of on-road or off-road trail facilities for pedestrians, bicyclists, or other nonmotorized forms of transportation, which can include sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act

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- Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs

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- Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other nonmotorized transportation users;

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- Construction of turnouts, overlooks, and viewing areas;

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- Community improvement activities, which can include but are not limited to: inventory control, or removal of outdoor advertising; historic preservation and rehabilitation of historic transportation facilities, vegetation management practices in transportation ROW, archeological activities relating to impacts of a transportation project eligible under Title 23 of the USC.

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- Environmental mitigation activity, including stormwater management and water pollution prevention or abatement from highway construction or highway runoff; reduction of vehicle-caused wildlife death, restoration of the connectivity of habitat.

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- Recreational trails under 23 USC 206.

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- Safe Routes to School (SRTS) infrastructure-related project

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- Safe Routes to School (SRTS) non-infrastructure-related project

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- Planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways.

<b>Applicant Information</b>		
Primary Sponsor Agency Name (i.e. agency that will manage implementation)		Date
Chatham County Department of Engineering		2/3/17
Street Address	City, State	Zip Code
124 Bull Street, Suite 430	Savannah, Georgia	31401
Contact Person’s Name	Title	
Nathaniel Panther, P.E.	Senior Engineer	
Contact Person’s Phone Number	Contact Person’s Email Address	
(912) 652-7813	npanther@chathamcounty.org	
Project Manager’s Name (if awarded)	Title	
Nathaniel Panther, P.E.	Senior Engineer	

<b>Project Overview</b>		
Project Name Truman Linear Park Trail, Phase 2-A, P.I. #0007631		
Project Location Description (please also attach a location map) The project is located in the City of Savannah. The project will begin at the existing Lake Mayer Recreational loop trail and continue north approximately 3.8 miles to DeRenne Avenue. A project location map is attached.		
County (or counties) in which project is located Chatham	City (or cities), if any, in which project is located Savannah	
<p>Proposal Description Summary</p> <p>This project proposes to construct a 10-ft wide, off-road, multi-use path from Lake Mayer to Jenkins High School on DeRenne Avenue. Trail construction will include 2 bridges to cross the Casey Canal, installation of streetlights, cameras and call boxes to enhance security, and installation of a pedestrian hybrid signal to allow the safe crossing of pedestrians across DeRenne Avenue. A separate project is programmed locally to install additional storm water detention and water quality features in the vicinity of Magnolia Park to address drainage concerns.</p> <p>This is a request to provide federal funding on an existing project. This project currently has a portion of the CST funding programmed in the TIP with Z230 and LY10 (earmark) funds. This TA proposal is going to be used to cover the cost of cameras, lighting and call boxes to enhance the security and safety of the trail. Additional funding is also requested so that the CST funding for the entire project is 80% federal and 20% local. Considering this is a multi-jurisdictional project, the utilization of TA funds minimize the local cost for the benefit of the majority. The total TA funding requested (matched) is \$1,638,228.</p>		
Total Estimated Project Cost*	Federal Funds Requested under TA	Local Match
\$ \$ 1,638,228.00	\$ \$ 1,310,582.00	\$ \$ 327,646.00
<i>*Please also be sure to fill out the Budget Detail Table at the end of this application.</i>		

**Who is providing the local match?**

Name of Agency or Organization	Source (e.g. particular CIP fund)
Chatham County	SPLOST

*Please attach a letter signed by either your governing board or an official or chief staff person who is able to commit to the stated local match.*



Has the agency that will be managing this project previously completed other federal-aid transportation projects? (Choose one)

- 0 completed federal-aid projects
- 1 completed federal-aid project
- 2 completed federal-aid projects
- 3 or more completed federal-aid projects

Please list up to three federal-aid projects completed by your agency, if applicable, *preferably for projects that are similar to your proposal*:

P.I. No.	Project Name	Sponsor's Project Manager
0002921	Truman Parkway, Phase V	Leon Davenport, P.E.
550560	SR 204 Spur Widening (Whitefield Avenue Widening)	Leon Davenport, P.E.
0000538	Coastal Georgia Greenway, Multi-use Trail in 9 Counties	Nathaniel Panther, P.E.

What agency will maintain the project after completion?

City of Savannah

If a maintenance agreement is necessary, has it been executed? (Chose one) Y / N / NA  
 If yes, please attach the agreement.

If the completed project will generate the need for operational funds, please describe the estimated annual cost and the status and source of funding for operations. (TA funds will not cover operations.)

The City of Savannah will provide the operational budget to provide maintenance for the trail, including energy costs for the lighting, cameras, call boxes and hybrid pedestrian beacon. A maintenance agreement is not required.

Will your project require purchase(s) or easement(s) for right-of-way (Choose one) Y / N / Maybe  
 Additional information:

Right of way acquisition is set to begin pending approval of the environmental re-evaluation. Titles for the required parcels have been requested, so preliminary right of way work is underway.

If other agencies or organizations are partnering with you on this application or on implementation of your proposal, please list and describe the nature of assistance and the status of any agreements (e.g. ROW donations or easements):

Organization #1	
Georgia Department of Transportation	
Contact Name	Contact Phone
Cassius Edwards	912-530-4370
Contact Email: cedwards@dot.ga.gov	
Status of Agreement	
A project framework agreement was executed. The right of way contract is pending approval of the ecology report.	

Organization #2	
City of Savannah	
Contact Name	Contact Phone
Nick Deffley	(912) 651-6909
Contact Email: ndeffley@savannahga.gov	
Status of Agreement	
The City has agreed to maintain the trail after construction is complete.	

Organization #3	
Contact Name	Contact Phone
Contact Email:	
Status of Agreement	

**If funding were available today, and you had already received a Notice to Proceed, how much time do you estimate would be needed for any phases of your project that would be funded by this request:**

Phase(s) to be TA-funded	No. of Months
Construction in FY 2018	12

**Please list any necessary preliminary work that already *has been completed*, and provide dates (e.g. GDOT concept approval, FHWA environmental approval or categorical exclusion, etc.):**

Steps Completed	Date
Concept Report Approved	09/02/2011
PFPR Complete	07/06/2016
Preliminary ROW Plans Complete	01/2017

**Please describe status of any non-TA funded work that *still needs to be completed before the project or phase that would be funded by this request can begin* (e.g. if TA + Local Match will fund only the construction phase, what is the status and schedule for the incomplete preliminary engineering and ROW phases?).**

Status of Steps to be carried out before TA-funded work begins	Estimated completion date
Right of Way Acquisition	10/2017
Final Field Plan Review	10/2017
Final Plans	01/2018
Environmental Re-evaluation	03/2017
Construction Authorization	03/2018
Construction Let	05/2018

**In 500 words or less, please describe what public benefits and efficiencies would be provided to our area by your proposed project.** (In preparing your answer, we suggest you review the TA scoring criteria related to access, connectivity, tourism, and safety, as shown in CORE MPO's Transportation Alternatives Manual – 2017.)

The Truman Linear Park Trail Phase 2 is currently the #1 ranked bikeway project in the Coastal Georgia Metropolitan Planning Organizations "Non-motorized Transportation Plan" dated October 2014. Phase 1 of the trail is constructed; the trail begins at the Daffin Park Loop Trail and ends at the intersection of 52nd Street/Bee Road. When fully constructed, Phases 1 and 2 of the Truman Linear Park Trail will link 827 acres of existing park land in Chatham County by connecting Lake Mayer Community Park (part of the Bacon Regional Tract, which consists of approximately 750 acres) to Daffin Park (a 77 acre park owned by the City of Savannah). The trail will provide an ADA accessible, off-road/shared-use path for recreational use by residents and tourists. Construction will include installation of callboxes, cameras and streetlights to enhance the security and safety along the trail. The project is currently in the ROW acquisition phase. Phase 2-A will be owned and maintained by the City of Savannah when construction is complete. Development of the project has been closely coordinated with the City of Savannah.

A separate local project was programmed that will include improving the drainage in the Magnolia Park neighborhood. This project will offset the minimal storm water and water quality impacts associated with the trail, as well as improve drainage in the neighborhood.

When complete, the trail will provide a safe, alternative means of transportation for kids getting to local area schools, including Jenkins High School. Completion of the trail will improve access from low income areas to key activity areas, including recreational facilities and shopping facilities. Tourists will be able to use the trail to explore Savannah without having to get in a car or on a bus since the trail will be apart of the Coastal Georgia Greenway. Chatham County is working on a locally sponsored project to extend the trail (Phase 3) from Lake Mayer to Whitefield Avenue.

As stated previously, the requested TA funds will be used to provide lighting, cameras and emergency call boxes along the route to enhance the safety and convenience of using the trail at night. In addition, some of the TA funding will be utilized to pay for actual construction of the trail. The new cost estimate for construction, including the lighting, camera's and call boxes is \$4,230,302. Z230 and LY10 funds are programmed in the TIP in the amount of \$2,073,659 with a local match of \$518,415. The requested TA funds in the amount of \$1,310,582 (matched with \$327,646 local funds) will go towards lighting, camera and call box costs, as well as other construction costs so that the project is funded 80% federal and 20% local. See attached cost estimates to verify numbers.

In the end, this will be the first phase of a non-motorized transportation corridor that will be utilized by citizens and tourists visiting the City of Savannah.

I understand that the latest versions of the following, as they relate to this project, shall guide project development and design.

- Accessible Public Rights-of-Way, Planning and Designing for Alterations, Public Rights-of-Way Access Advisory Committee.
- ADA Standards for Accessible Design, Department of Justice.
- Context Sensitive Design Manual, GDOT.
- Designing Walkable Urban Thoroughfares: A Context Sensitive Approach, Institute of Transportation Engineers (ITE) and Congress for the New Urbanism (CNU).
- A Policy on the Geometric Design of Highways and Streets, AASHTO.
- Guide for the Development of Bicycle Facilities, AASHTO.
- Guide for the Planning, Design, and Operation of Pedestrian Facilities, AASHTO.
- Manual on Uniform Traffic Control Devices (MUTCD), FHWA.
- Proposed Guidelines for Public Rights-of-Way (PROWAG)2, United States Access Board.
- Urban Bikeway Design Guide, NACTO.
- Urban Street Design Guidelines, NATCO.

SPONSOR

Name

2/2/17

Date

County Engineer

Title

Please remember:

- To fill out the Detailed Budget Table, to the extent applicable, on the following page;
- To attach a letter from your governing board or other official or chief staff person who is able to commit the agency to the stated local match.
- To attach a Project Location Map;
- To attach an executed maintenance agreement if you indicated that one exists.



**Budget Detail for Proposal**

**Project Name:**  
Truman Linear Park Trail, Phase 2-A

Activity	Desired Fiscal Year for TIP Programming (GDOT Fiscal Year) <sup>1</sup>	Total Estimate	Requested CORE MPO TA Federal Funds (Maximum allowed is 80% of your total eligible costs.)	Local Match (Minimum required is 20% of your total eligible costs.)	Local Match Breakdown (by source)					
					Amount A	Source A	Amount B	Source B	Amount C	Source C
PE										
ROW										
Utilities										
Construction	FY18	\$ 1,638,228.00	\$ 1,310,582.00	\$ 327,646.00	\$ 327,646.00	SPLOST				
Other activity Specify:										
Other activity Specify:										
Other activity Specify:										
<b>Total Amounts</b>		\$ 1,638,228.00	\$ 1,310,582.00	\$ 327,646.00	\$ 327,646.00	SPLOST				

Please use this area to explain whether other grants or sources (not already shown above) are dedicated either to the proposed phase or to future phases, of your project.

The cost estimate for construction has increased with the addition of cameras, call boxes, and streetlighting. The CORE MPO has programmed \$1,166,560 (Z230) funds and \$907,099 (LY10) funds in FY 2018 for construction. The additional requested TA funds will go towards CST, providing 80% federal funds for CST and 20% local match. If approved, total federal funding for the project will be \$3,384,241 and will be matched with local SPLOST funds in the amount of \$846,061.

1. The first GDOT fiscal year in the MPO's next TIP is FY 2018, which begins July 1, 2017. The last year of the next TIP is FY 2021, which begins July 1, 2020.



**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0007631

OFFICE Program Delivery

**PROJECT DESCRIPTION**

Truman Linear Park Trail, Phase II-A

DATE January 4, 2016

JMB  
From: Albert V. Shelby III, State Program Delivery Engineer

To: Lisa L. Myers, State Project Review Engineer

Subject: **REVISIONS TO PROGRAMMED COSTS**

PROJECT MANAGER David Moyer

MGMT LET DATE Jun-17

MGMT ROW DATE Jun-16

**PROGRAMMED COSTS (TPRO W/OUT INFLATION)**

**LAST ESTIMATE UPDATE**

CONSTRUCTION \$ 1,947,601.47  
RIGHT OF WAY \$ 0.00  
UTILITIES \$ 0.00

DATE 10/1/2014  
DATE   
DATE

**REVISED COST ESTIMATES**

CONSTRUCTION\* \$ 3,148,769.98  
RIGHT OF WAY \$ 0.00  
UTILITIES \$ 0.00

\*Cost Contains 15 % Contingency

**REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:**

Increase in width of trail from 8' to 10'; Change in trail surface from asphalt to concrete; General recent increase in construction costs associated with the project



# CONTINGENCY SUMMARY

<b>A. CONSTRUCTION COST ESTIMATE:</b>	\$	2,604,399.49	Base Estimate From CES	
<b>B. ENGINEERING AND INSPECTION (E &amp; I):</b>	\$	130,219.97	Base Estimate (A) x	5 %
<b>C. CONTINGENCY:</b>	\$	410,192.92	Base Estimate (A) + E & I (B) x	15 %
			<a href="#">See % Table in "Risk Based Cost Estimation" Memo</a>	
<b>D. TOTAL LIQUID AC ADJUSTMENT:</b>	\$	3,957.60	Total From Liquid AC Spreadsheet	
<b>E. CONSTRUCTION TOTAL:</b>	\$	3,148,769.98	(A + B + C + D = E)	

## REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
<b>TOTAL</b>	\$ -

**ATTACHMENTS:**

Detailed Cost Estimate Printout From TRAQS  
Liquid AC Adjustment Spreadsheet