

Applicant Organization:	Chatham County
Project Title:	Truman Linear Park Trail, Phase 2A



Coastal Region Metropolitan Planning Organization

Transportation Alternatives (TA) Call for Projects

APPLICATION

DECEMBER 2018

**An electronic copy of the completed application is due:
January 15, 2019 by 5:00 p.m.**

Send to:

Wykoda Wang, Transportation Administrator
Chatham County-Savannah Metropolitan Planning Commission
wangw@thempc.org

Phone:

912-651-1466

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Coastal Region Metropolitan Planning Organization

**Transportation Alternatives (TA)
December 2018 Call for Projects**

CHECKLIST FOR APPLICANTS

- ☒ Have you answered all applicable questions in the application?
- ☒ Has the appropriate person signed the application?
- ☒ Have you filled out the detailed budget table on the last page of this application?
- ☒ Have you attached a letter from your governing board or chief staff person who is able to commit to the local match?
- ☒ Have you attached a project location map?
- ☒ 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

December 2018 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 Award = \$3,024,247 (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 December 2018 Call for Projects targets to award Z301 funds from FY 2019 through FY 2021, to allow around \$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 \$3,024,247 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 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.**

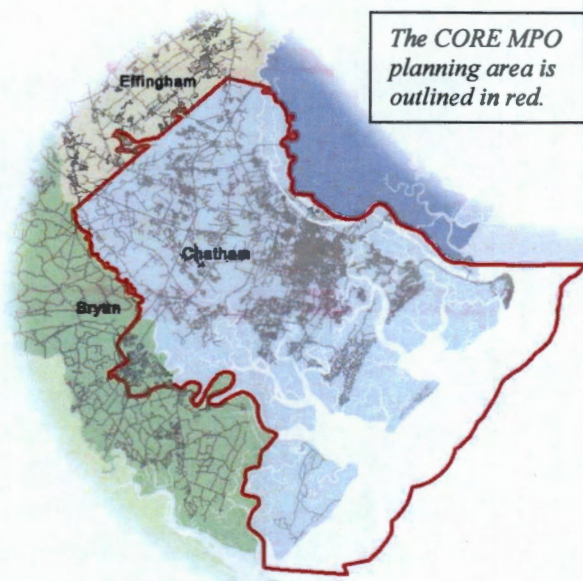
Applicants should keep in mind that this federal funding involves adherence to several federal requirements, as applicable, such as the National Environmental Policy Act (NEPA), prevailing wage rates (Davis-Bacon), Buy America, competitive bidding, and other contracting requirements, regardless of whether 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.

- **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
-
- ☐ Regional transportation authority
-
- ☐ Transit agency
-
- ☐ Natural resource agency or public land agency
-
- ☐ School district, local education agency, or school (public or nonprofit private)
-
- ☐ Tribal government
-
- ☐ 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.
-
- ☐ 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
-
- ☒ 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
-
- ☐ Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other nonmotorized transportation users;
-
- ☐ Construction of turnouts, overlooks, and viewing areas;
-
- ☐ 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.
-
- ☒ 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.
-
- ☒ Recreational trails under 23 USC 206.
-
- ☒ Safe Routes to School (SRTS) infrastructure-related project
-
- ☐ Safe Routes to School (SRTS) non-infrastructure-related project
-
- ☐ Planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways.

Applicant Information		
Primary Sponsor Agency Name (i.e. agency that will manage implementation)		Date
Chatham County Department of Engineering		12/20/2018
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	

Project Overview		
Project Name Truman Linear Park Trail, Phase 2A		
Project Location Description (please also attach a location map) The project is located in the City of Savannah. The project will begin at Lake Mayer Community Park and connect to the existing loop trail. The trail will continue approximately 3.8 miles north to DeRenne Avenue and end at Jenkins High School. A location map is attached for reference.		
County (or counties) in which project is located Chatham	City (or cities), if any, in which project is located Savannah	
Proposal Description Summary 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 facilitate crossing the Casey Canal, installation of streetlights, cameras and call boxes for enhanced security, and installation of a pedestrian hybrid signal on DeRenne Avenue to allow the safe crossing of pedestrians. 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. The Board of Commissioners awarded a construction contract with Astra Group in the amount of \$5,348,888. Current federal funds in the amount of \$2,939,434 are allocated to the project. These funds are a combination of LY10 (earmark), 230 funds and 301 (TA) funds. Local SPLOST funds in the amount of \$2,409,454 cover the remaining cost. The pre-construction meeting is scheduled for January 2019 and construction is expected to begin shortly after. This is a shovel ready project that can immediately use the requested funds. If the application is approved, the proposed funding for the project will result in federal funds in the amount of \$3,943,395 and local funds in the amount of \$1,402,493 to construct the project.		
Total Estimated Project Cost*	Federal Funds Requested under TA	Local Match
\$ 5,348,888	\$ 1,003,961	\$ 250,990
*Please also be sure to fill out the Budget Detail Table at the end of this application.		

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 (Whitfield 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)
If yes, please attach the agreement.

Y / N / NA

☐ ☐ ☒

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 maintain the trail, including the energy costs for the lighting, cameras, call boxes and hybrid pedestrian beacon. A maintenance agreement is not required. The project was permitted through the City of Savannah's SPR.

Will your project require purchase(s) or easement(s) for right-of-way (Choose one)

Y / N / Maybe

Additional information:

☒ ☐ ☐

Yes, right of way acquisition is complete and was certified by GDOT on March 15, 2018. This project is ready for construction pending receipt of notice to proceed from GDOT.

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 construction agreement was approved by the Board of Commissioners at their meeting on 11/2/2018. The construction agreement is with GDOT and is the last step required prior to receiving notice to proceed to construction from GDOT.	

Organization #2	
City of Savannah	
Contact Name	Contact Phone
Nick Deffley	(912) 651-6909
Contact Email: ndeffley@savannahga.gov	
Status of Agreement	
The site development permit was approved by the City of Savannah and the pre-construction meeting is scheduled for January 2019.	

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 will begin in January/February 2019. This is a shovel ready project that can immediately use the funds requested.	18

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
ROW Certification	3/2018
Environmental Certification	02/2018
Construction Let	06/2018
Board of Commissioners award construction contract	09/2018
Construction Agreement with GDOT executed	11/2018

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
Receive Notice to Proceed to Construction from GDOT	01/2019

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 project in the Coastal Georgia Metropolitan Planning Organizations "Non-motorized Transportation Plan" bikeway projects dated October 2014. Phase 1 of the trail is constructed and 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 and the City of Savannah 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 call boxes, cameras and streetlights to enhance the security and safety along the trail. A construction contract was awarded to Astra Group in September 2018. Phase 2-A will be owned and maintained by the City of Savannah when complete. Development of the project was closely coordinated with the City of Savannah and they have issued a permit for construction to begin.

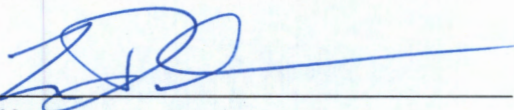
A separate local project was programmed that will include improving the drainage in the Magnolia Park neighborhood. This project will offset the minimal storm water and water quality impacts associated with the trail, as well as improve drainage and reduce flooding risk within the neighborhood.

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 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 a part of the Coastal Georgia Greenway. Chatham County is working on a locally sponsored project that will extend the trail from Lake Mayer to Whitefield Avenue.

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

County Engineer

Title

12/20/2018

Date

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 2A

Activity	Desired Fiscal Year for TIP Programming (GDOT Fiscal Year) ¹	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	FY2019	\$5,348,888	\$1,003,961	\$250,990	\$250,990	SPLOST				
Other activity Specify:										
Other activity Specify:										
Other activity Specify:										
Total Amounts		\$5,348,888	\$1,003,961	\$250,990	\$250,990	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.

Current federal funds were authorized towards construction in FY2018 in the amount of \$2,939,434 (\$907,099 - LY10; \$1,616,075 - Z230; \$416,260 - Z301). Chatham County is currently funding the residual amount of the construction cost with \$2,409,454 of SPLOST funds. The additional Z301 funds requested will reduce the local cost of the project. If approved, federal funds will contribute 74% of the constructed cost and local funds will contribute 26% of the constructed cost. This is a shovel-ready project that can immediately use the requested Z301 funds.

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



CHATHAM COUNTY DEPARTMENT OF ENGINEERING

124 Bull Street, Room 430
P.O. Box 8161
Savannah, Georgia 31412-8161
FAX 912-652-7818
912-652-7800

Leon Davenport, P.E.
County Engineer

Suzanne Cooler, P.E.
Assistant County Engineer

December 20, 2018

Ms. Wykoda Wang
Coastal Region Metropolitan Planning Organization
110 East State Street
Savannah, Georgia 31401

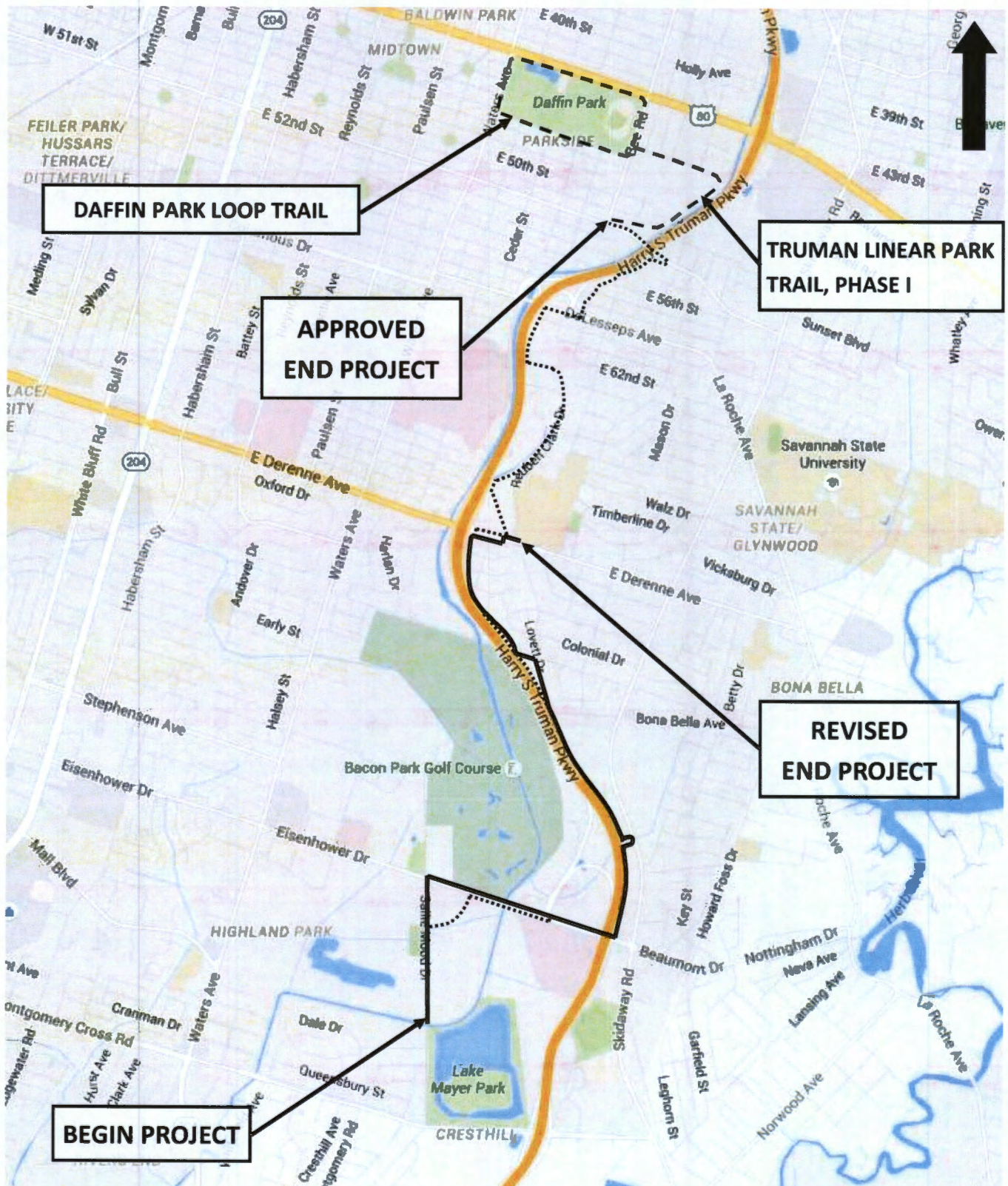
Subject: Transportation Alternatives (TA) Program Application, Commitment of stated
Local Match for the Truman Linear Park Trail, Phase 2A

Dear Ms. Wang:

This letter is written to confirm Chatham County has SPLOST funds available to provide the required local match for this project. If you have any questions, please call Nathaniel Panther at (912) 652-7813.

Regards,

Leon Davenport, P.E.
County Engineer



Location Map
Not to Scale

ASTRA GROUP, INC.

BID SHEET

Truman Linear Park Ph 2-A

0007631 Revised 6/20/2018, changes shown in BOLD

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY					
150-1000	TRAFFIC CONTROL - 0007631	LS	1	83,183.31	83,183.31
207-0203	FOUND BK FILL MATL, TP II	CY	157	120.00	18,840.00
210-0100	GRADING COMPLETE - 0007631	LS	1	1,525,152.57	1,525,152.57
310-1101	GR AGGR BASE CRS, INCL MATL	TN	554	44.27	24,525.58
318-3000	AGGR SURF CRS	TN	30	100.00	3,000.00
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIM	TN	23	123.74	2,846.02
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H L	TN	56	123.74	6,929.44
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	TN	72	123.74	8,909.28
413-0750	TACK COAT	GL	41	15.48	634.68
439-0300	PERVIOUS CONCRETE PAVEMENT, 6 IN THK	SY	378	54.97	20,778.66
441-0104	CONC SIDEWALK, 4 IN	SY	195	33.22	6,477.90
441-0105	CONC SIDEWALK, 5 IN	SY	16920	40.00	676,800.00
441-0106	CONC SIDEWALK, 6 IN - CLASS AA CONC	SY	639	53.80	34,378.20
441-0108	CONC SIDEWALK, 8 IN	SY	272	60.28	16,396.16
441-0300	CONC SPILLWAY, SPCL DES	EA	8	1,414.16	11,313.28
441-0748	CONCRETE MEDIAN, 6 IN	SY	134	46.61	6,245.74
441-4030	CONC VALLEY GUTTER, 8 IN	SY	25	49.97	1,249.25
441-5002	CONCRETE HEADER CURB, 6 IN, TP 2	LF	543	9.05	4,914.15
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	675	12.18	8,221.50
500-3201	CLASS B CONCRETE, RETAINING WALL	CY	39	257.80	10,054.20
500-3800	CLASS A CONCRETE, INCL REINF STEEL	CY	10	1,237.43	12,374.30
500-3900	CLASS B CONCRETE, INCL REINF STEEL	CY	7	1,546.80	10,827.60
500-9999	CLASS B CONC, BASE OR PVMT WIDENING	CY	2	750.00	1,500.00
502-9000	TIMBER RAILING	LF	1841	54.27	99,911.07
515-2020	GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	LF	192	77.34	14,849.28
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	319	54.63	17,426.97
550-1240	STORM DRAIN PIPE, 24 IN, H 1-10	LF	127	66.67	8,467.09
550-1300	STORM DRAIN PIPE, 30 IN, H 1-10	LF	107	81.05	8,672.35

BID SHEET

Truman Linear Park Ph 2-A
0007631 Revised 6/20/2018, changes shown in BOLD

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
550-1360	STORM DRAIN PIPE, 36 IN, H 1-10	LF	62	100.19	6,211.78
550-1480	STORM DRAIN PIPE, 48 IN, H 1-10	LF	24	132.74	3,185.76
550-4218	FLARED END SECTION 18 IN, STORM DRAIN	EA	19	2,122.58	40,329.02
550-4224	FLARED END SECTION 24 IN, STORM DRAIN	EA	5	2,447.98	12,239.90
550-4230	FLARED END SECTION 30 IN, STORM DRAIN	EA	4	2,959.24	11,836.96
550-4236	FLARED END SECTION 36 IN, STORM DRAIN	EA	2	2,664.20	5,328.40
611-3010	RECONSTR DROP INLET, GROUP 1	EA	8	4,364.66	34,917.28
611-8000	ADJUST CATCH BASIN TO GRADE	EA	3	1,392.40	4,177.20
611-8050	ADJUST MANHOLE TO GRADE	EA	2	1,071.41	2,142.82
617-1060	PERM ANCH SLOPE STAB SYS	LS	1	106,964.65	106,964.65
634-1200	RIGHT OF WAY MARKERS	EA	6	465.66	2,793.96
643-0050	TEMPORARY FIELD FENCE	LF	125	6.32	790.00
643-1152	CH LK FENCE, ZC COAT, 6 FT, 9 GA	LF	4286	23.15	99,220.90
643-8010	GATE, CHAIN LINK ZC COAT -	EA	8	1,262.69	10,101.52
643-8200	BARRIER FENCE (ORANGE), 4 FT	LF	6713	2.27	15,238.51
668-2100	DROP INLET, GP 1	EA	2	2,678.69	5,357.38
668-4300	STORM SEWER MANHOLE, TP 1	EA	7	2,346.74	16,427.18
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	11	356.71	3,923.81

TEMPORARY EROSION CONTROL

163-0232	TEMPORARY GRASSING	AC	20	696.06	13,921.20
163-0240	MULCH	TN	229	309.37	70,845.73
163-0300	CONSTRUCTION EXIT	EA	5	2,152.67	10,763.35
163-0502	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2	EA	6	257.80	1,546.80
163-0503	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	EA	13	257.80	3,351.40
163-0528	CONSTRUCT AND REMOVE FABRIC CHECK DAM - TYPE C SILT FENCE	LF	432	4.12	1,779.84
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	21	180.45	3,789.45
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	13659	2.07	28,274.13
165-0041	MAINTENANCE OF CHECK DAMS - ALL TYPES	LF	216	10.38	2,242.08

BID SHEET

Truman Linear Park Ph 2-A

0007631 Revised 6/20/2018, changes shown in BOLD

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
165-0086	MAINTENANCE OF SILT CONTROL GATE, TP 2	EA	6	207.46	1,244.76
165-0087	MAINTENANCE OF SILT CONTROL GATE, TP 3	EA	13	207.51	2,697.63
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	10	2,152.68	21,526.80
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	21	103.71	2,177.91
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	3	51.56	154.68
167-1500	WATER QUALITY INSPECTIONS	MO	16	464.04	7,424.64
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	27318	3.71	101,349.78

PERMANENT EROSION CONTROL

603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	94	77.45	7,280.30
603-2181	STN DUMPED RIP RAP, TP 3, 18 IN	SY	108	96.50	10,422.00
603-7000	PLASTIC FILTER FABRIC	SY	202	4.92	993.84
700-6910	PERMANENT GRASSING	AC	10	1,082.75	10,827.50
700-7000	AGRICULTURAL LIME	TN	60	21.65	1,299.00
700-8000	FERTILIZER MIXED GRADE	TN	7	103.12	721.84
700-8100	FERTILIZER NITROGEN CONTENT	LB	500	1.55	775.00
716-2000	EROSION CONTROL MATS, SLOPES	SY	1667	2.06	3,434.02

SIGNING & MARKING

611-5551	RESET SIGN	EA	23	163.97	3,771.31
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	374	29.64	11,085.36
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	71	30.43	2,160.53
636-2070	GALV STEEL POSTS, TP 7	LF	1230	15.48	19,040.40
636-2080	GALV STEEL POSTS, TP 8	LF	165	23.20	3,828.00
636-2090	GALV STEEL POSTS, TP 9	LF	32	28.36	907.52
636-5020	DELINEATOR, TP 2	EA	40	160.86	6,434.40
652-5452	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	LF	2668	0.61	1,627.48
652-5701	SOLID TRAF STRIPE, 24 IN, WHITE	LF	70	3.71	259.70
652-6502	SKIP TRAFFIC STRIPE, 5 IN, YELLOW	GLF	13073	0.61	7,974.53

BID SHEET

Truman Linear Park Ph 2-A

0007631 Revised 6/20/2018, changes shown in BOLD

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
653-0110	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	EA	1	87.66	87.66
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	5	87.66	438.30
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	175	1.14	199.50
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	404	1.14	460.56
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	298	5.67	1,689.66
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	4299	3.61	15,519.39
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	26	9.78	254.28
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	20	9.04	180.80
654-1001	RAISED PVMT MARKERS TP 1	EA	11	6.96	76.56
654-1003	RAISED PVMT MARKERS TP 3	EA	8	6.96	55.68
656-0050	REMOVE EXIST SOLID TRAF STRIPE, 5 IN, THERMOPLASTIC	LF	200	3.61	722.00

SIGNALIZATION

636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	24	36.08	865.92
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	40	36.08	1,443.20
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	SF	30	36.08	1,082.40
639-3004	STEEL STRAIN POLE, TP IV , INCL 65FT MAST ARM	EA	1	21,515.61	21,515.61
647-1000	TRAFFIC SIGNAL INSTALL NO - 1, PED SIGNAL UPGRADE, EISEN AT SALLIE M	LS	1	30,121.42	30,121.42
647-1000	TRAFFIC SIGNAL INSTALL NO - 1, PED SIGNAL UPGRADE, EISEN AT TRUMAN SB	LS	1	16,075.26	16,075.26
647-1000	TRAFFIC SIGNAL INSTALL NO - 1, PED SIGNAL UPGRADE, EISEN AT TRUMAN NB	LS	1	18,846.98	18,846.98
647-1000	TRAFFIC SIGNAL INSTALL NO - 1, PED HYBRID BEACON ON DERENNE	LS	1	50,532.90	50,532.90
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	240	10.42	2,500.80
682-9950	DIRECTIONAL BORE - 7 IN	LF	90	10.42	937.80
926-2075	900 Mhz DIRECTIONAL RADIO ANTENNA AND CONNECTING CABLE	EACH	2	6,051.79	12,103.58

BID SHEET

Truman Linear Park Ph 2-A
0007631 Revised 6/20/2018, changes shown in BOLD

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
STRUCTURES					
500-3101	CLASS A CONCRETE	CY	30	1,031.20	30,936.00
502-1200	BRIDGE TIMBER, TREATED	MBM	120	2,355.47	282,656.40
511-1000	BAR REINF STEEL	LB	3240	1.04	3,369.60
520-2214	PILING, PSC, 14 IN SQ	LF	340	123.74	42,071.60
520-2500	PILING, TIMBER - TREATED	LF	5800	66.81	387,498.00
520-3214	TEST PILE, PSC, 14 IN SQ	EA	4	5,155.98	20,623.92
520-4214	LOAD TEST, PSC, 14 IN SQ	EA	2	5,155.99	10,311.98
534-1000	PEDESTRIAN OVERPASS BRIDGE, STA - BR 1 & 2	LS	2	84,893.11	169,786.22
603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	200	77.31	15,462.00
603-7000	PLASTIC FILTER FABRIC	SY	200	4.92	984.00

WATER					
611-5590	RELOCATE WATER METER, 1 1/2 IN	EA	1	1,926.04	1,926.04
611-8050	ADJUST MANHOLE TO GRADE	EA	6	1,071.41	6,428.46
611-8120	ADJUST WATER METER BOX TO GRADE	EA	1	385.21	385.21
611-8140	ADJUST WATER VALVE BOX TO GRADE	EA	6	385.22	2,311.32
660-2330	INSERTION VALVE, 10 IN	EA	2	1,038.29	2,076.58
670-1100	WATER MAIN, 10 IN	LF	32	164.08	5,250.56
670-1500	CAP OR REMOVE EXISTING WATER MAIN	EA	2	1,017.22	2,034.44
670-2060	GATE VALVE, 6 IN	EA	3	659.09	1,977.27
670-3066	TAPPING SLEEVE & VALVE ASSEMBLY, 6 IN X 6 IN	EA	2	2,458.46	4,916.92
670-4000	FIRE HYDRANT	EA	3	4,402.99	13,208.97
670-5015	WATER SERVICE LINE, 1 1/2 IN	LF	35	22.59	790.65
670-9742	RELOCATE EXISTING BACKFLOW PREVENTION ASSEMBLY, 1 1/2 IN	EA	1	3,586.26	3,586.26
670-9920	REMOVE EXISTING FIRE HYDRANT	EA	2	2,267.52	4,535.04

BID SHEET

Truman Linear Park Ph 2-A

0007631 Revised 6/20/2018, changes shown in BOLD

ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
LIGHTING					
647-2120	PULL BOX, PB-2	EA	18	512.48	9,224.64
681-1120	LIGHTING STD, ALUM 12 FG MH, POST TOP	EA	7	2,235.31	15,647.17
681-1150	LIGHTING STD, ALUM, 14 FT MH, POST TOP	EA	90	2,235.31	201,177.90
681-6268	LUMINAIRE, TP 2, LED, 4000k	EA	90	987.44	88,869.60
682-1404	CABLE, TP XHHW, AWG NO 10	LF	3680	0.94	3,459.20
682-1405	CABLE, TP XHHW, AWG NO 8	LF	6800	1.26	8,568.00
682-1406	CABLE, TP XHHW, AWG NO 6	LF	19200	1.87	35,904.00
682-1407	CABLE, TP XHHW, AWG NO 4	LF	7210	2.18	15,717.80
682-1408	CABLE, TP XHHW, AWG NO 2	LF	22300	2.87	64,001.00
682-6222	CONDUIT, NONMETL, TP 2, 2 IN	LF	9800	12.50	122,500.00
682-6225	CONDUIT, NONMETL, TP 2, 2 1/2 IN	LF	300	13.12	3,936.00
682-9000	MAIN SERVICE PICK UP POINT	LS	3	374.99	1,124.97
682-9022	ELECTRICAL JUNCTION BOX, REINFORCED PLASTIC MORTAR	EA	28	687.47	19,249.16
682-9950	DIRECTIONAL BORE - 3 IN	LF	4440	14.99	66,555.60
936-1000	CCTV SYSTEM - 3 PEDESTRIAN CALL BOXES WITH COVERT CAMERAS	EA	1	62,496.90	62,496.90

LANDSCAPING					
222-1002	AGGREGATE DRAINAGE COURSE, TP 2	TN	448	58.84	26,360.32
457-1005	GEOGRID REINFORCEMENT, TP A	SY	862	8.68	7,482.16
702-0675	MYRICA CERIFERA - 30 GAL	EA	102	154.68	15,777.36
				TOTAL CONSTRUCTION COST:	5,348,888.00

NAME / TITLE

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