



TRANSPORTATION INVESTMENT ACT OF 2010
Unconstrained Investment List project Submittal Form*

Project Submittal Form – Atlanta 10-County Regional Commission Area**

1. Project Name: Tunnel and Platform Lighting Upgrade

City location(s):

County location(s): DeKalb and Fulton

2. Lead Agency: Metropolitan Atlanta Rapid Transit Authority

Address: 2424 Piedmont Road, NE
Atlanta, GA 30324

Contact (name, email, phone): Rich Krisak, AGM of Rail Operations
rkrisak@itsmarta.com
404-848-5107

3. Program Area (Select all that apply):

<input type="checkbox"/>	Roadway Capital
<input type="checkbox"/>	Roadway & Bridge Maintenance (Asset Management)
<input type="checkbox"/>	Safety and Traffic Operations
<input type="checkbox"/>	Freight & Logistics

<input type="checkbox"/>	Aviation
<input type="checkbox"/>	Bicycle and Pedestrian
<input checked="" type="checkbox"/>	Transit Capital
<input type="checkbox"/>	Transit Operations & Maintenance

4. Project Purpose:

This project will upgrade the lighting in underground tunnels throughout the MARTA rail system.

5. How does project meet the adopted Atlanta Roundtable criteria?

The lighting of rail tunnels is a component of MARTA's rail transit services. These services a) cross a county border; b) tunnels are located in the Downtown, Midtown, Buckhead, Perimeter Center and Decatur activity centers; c) currently carry more than 4,000 average weekday boardings; and d) are part of an existing fixed guideway facility.

6. Public Benefit (Check all that apply and explain how the project can achieve that goal):

<input checked="" type="checkbox"/>	Enhance safety	The new code-compliant lighting will make emergency evacuations from the tunnels safer for employees and customers.
<input type="checkbox"/>	Congestion relief	
<input type="checkbox"/>	Economic development	
<input type="checkbox"/>	Increase modal options	
<input type="checkbox"/>	Other (describe)	

*Submittal form for projects and programs that meet the adopted Atlanta Roundtable criteria. Project submittal requirement and criteria do not apply to the 15% local share to be distributed by formula to cities and counties.

**Cherokee, Clayton, Cobb, DeKalb, Douglas, Fayette, Fulton, Gwinnett, Henry, Rockdale Counties

7. **Project Description Summary:** In the field below and limited to 250 words, provide a detailed description of the project that includes location/limits (especially city and county limits), project components and functional improvements. Please provide an 8 1/2" x 11" black & white or color map of the project location noting project limits or service area. Map must be clear and legible and include street detail.

NOTE: Attach image of map of the project location to email.

Location/limits (especially city and county limits): The central subway between Garnett and Arts Center stations in Downtown and Midtown Atlanta, the Decatur subways between East Lake and Avondale stations, the Perimeter Center subway between Dunwoody and North Springs stations, the west subway between Five Points and West Lake/Bankhead stations, and other short stretches under McDaniel Street in Atlanta, East Point, Morosgo Drive in Atlanta, under Covington Highway in Avondale Estates, under the Atlanta Financial Center in Buckhead, under GA 400 and Peachtree Dunwoody Road in Sandy Springs

Project components and functional improvements: Replace high pressure sodium lighting with fluorescent and LED fixtures. Replace and update directional signage that direct passengers in emergencies to the nearest exit and provide information for workers within the tunnels.

Detailed description of project: This project will upgrade the lighting in underground tunnels throughout the MARTA rail system. High pressure sodium lighting fixtures will be replaced with fluorescent and LED fixtures and other new energy efficient and environmentally friendly lighting technology to achieve the lighting levels for the tunnels required by NFPA 130. Directional signage and fire line markings within the tunnels will be replaced and updated to meet NFPA 130 code requirements, and additional lighting will be installed at emergency exits. In addition all doorways within the tunnels will be replaced. Phase 1 of this project will upgrade the tunnels in the vicinity of Vine City, Ashby and Bankhead Rail Stations that opened in 1979. Phase 2 will upgrade the remainder of MARTA's rail tunnels between Garnett and Arts Center stations, north of Lindbergh Center Station, in the vicinity of Decatur Station, in the vicinity of Sandy Springs Station, in the vicinity of Kensington Station, between Garnett and West End Station, in the vicinity of Medical Center station and at other small underground locations requiring lighting. This project will also install LED Train Arrival Lights on all 38 MARTA stations - 83 platforms - to advise patrons of arriving trains. The light fixtures will be mounted at specific locations along the station platform. The lights will use LED technology for energy efficiency, minimal maintenance and maximum life. The train arrival light circuitry will be driven from the train control management system. Total Project Funding (current dollars) for:

8. Total Project Funding (current dollars) for:

Phase/Scope	Total Cost (\$)	Total Amount Requested (\$)
Design	\$	\$
Right-of-Way	\$	\$
Construction	\$	\$
Other (describe)	\$	\$
Transit Operations	\$	\$
Transit Capital	\$43,284,000	\$43,284,000

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9. Project Readiness:

- a. Project is programmed/adopted in local or regional plans consistent with adopted Atlanta Roundtable guidance. Check all that apply. For GDOT and ARC plans and programs, include project number. For county plans and transportation studies, include title and date adopted.

Check	Plans/Programs/County Plans/Transportation Studies	Description	Date
	GDOT Construction Work Program (CWP)		
	GDOT State Transportation Improvement Program (STIP)		
	ARC Regional Transportation Plan or Transportation improvement Program (TIP)		
	County Capital Improvement Plan		
	County/City Comprehensive Plan		
	Transportation Study		
✓	Other	MARTA Ten-Year Capital Improvement Program	Jun-2007

- b. Provide the percentage complete for the following:

Phase, if applicable	% Complete	...as of (date)
Environmental documentation		
Design plans		
Right-of-Way Acquisition	100%	3/3/2011

10. If funding were available today, provide the estimated completion time for each phase:

Phase	Number of Months
Design (if applicable)	12-18
Right-of-Way (if applicable)	N/A
Construction	12-24

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MARTA TIA Submittal
March 30, 2011

Tunnel Lighting Upgrade



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