

Transportation Investment Act of 2010 Final Investment List Project Fact Sheet (FINAL - January 2012)*

Identification

TIA-M-001

Project Name

MARTA Train Control Systems Upgrade

Project Type

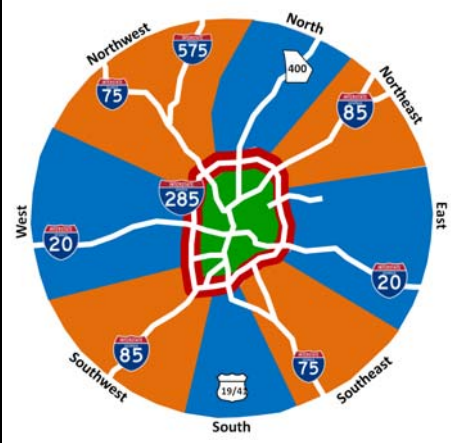
Transit

- Road Capacity Expansion
- Road Asset Management
- Road Safety / Operations
- Freight / Logistics
- Aviation
- Bicycle / Pedestrian
- Transit Network Expansion
- Transit Operations / Maint.

PLAN 2040 Status

Not identified as a line item in PLAN 2040, but consistent with plan emphasis on preservation of existing transit services
Related Project Numbers: N/A

Location: Regional



Description, Purpose and Benefits

This project will upgrade MARTA's train control system and its supervisory control and data acquisition (SCADA) systems. In addition this project will integrate the various elements of the train control system into a single platform for ease of use, efficiency and to eliminate clutter in the control center. The project will create a single integrated platform that directs the movements of all trains, controls propulsion power, provides precision docking, train approaching lights, and monitors other auxiliary functions, and it will also replace current controls systems at all MARTA yards and establish new Rail Services Control and Back-Up Control Centers. This project could also lay the foundation for a regionally integrated control center capable of accommodating the train control systems for future light rail, commuter and bus rapid transit services. The precision docking component will upgrade MARTA's entire rail fleet and wayside equipment to allow trains to stop at pre-marked locations on the platforms. All rail cars will be upgraded to latest technology to communicate with the wayside for precision stopping. Platforms will be appropriately marked to indicate the location of car doors. Total TIA funding committed to the project is \$4,440,000, with additional funds from other MARTA revenue sources likely to complement this investment.

Project Length

N/A miles

These fields are only applicable to certain types of projects.

Lanes (Current)

N/A

Lanes (Proposed)

N/A

Funding Commitments

(all amounts shown in current year 2011 dollars)

TIA Funds	\$4,440,000
Federal Funds	\$0
Local Funds*	\$0
Total Funding	\$4,440,000

** Additional local funds may be identified prior to the referendum to deliver some projects.*

Implementation Band

Construction likely to occur during all bands (2013-2022)



* This fact sheet provides supplemental scope information related to projects approved by the Atlanta Regional Roundtable on October 13, 2011. For certain project types, it may also include performance data derived through a technical analysis conducted by the Atlanta Regional Commission following approval of the investment list. Grammatical corrections and clarifications were also made to the text as necessary. No changes to project scopes, schedules or budgets were made. For the original fact sheets, as approved by the Roundtable, refer to the Final Report available at www.atlantaregionalroundtable.com.