

Project Sheet

Project Number: RC07-000137 **Project Name:** Richmond County Emergency and Transit Vehicle Preemption System

GDOT ID: 0011400

Project Description: Improved operational efficiency of the transit system has been shown to encourage ridership and reduce single occupant vehicles on the road. This project would provide transit prioritization at signalized intersections along the more congested corridors. Moreover project would increase safety by providing emergency vehicle preemption along heavily traveled corridors to reduce the risk of crash occurrence during emergency response activities.

Regional Commission: Central Savannah River Area

County: Richmond County

Phase	Total Project Cost	Total TIA Amount	Comments (Please note all cost estimates are in 2011 dollars and actual costs for all phases at year of expenditure will be higher):
PE	\$250,000	\$250,000	
CST	\$1,250,000	\$1,250,000	
Total	\$1,500,000	\$1,500,000	

Public Benefit	Notes
Ensuring Safety and Security	This project would benefit the public by potentially reducing the incidence of crashes along this roadway segment, corridor, and/or intersection.
Increasing Modal Options (Transit)	This project will provide mobility options for all travelers; improve access to employment; and help mitigate congestion and maximize the use of existing infrastructure by promoting high-occupancy travel.

Additional Benefits	This project would benefit the public by enhancing safety by providing signal preemption for emergency vehicles along busy corridors and reduce risk of accidents during emergency response activities. This project will also improve transit efficiency, emergency response, and intersection safety as well as provide signal prioritization for transit vehicles which would increase operational efficiency of the transit system.
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