

Project Sheet

Project Number: RC07-000121 **Project Name:** Intelligent Transportation System Master Plan Implementation-Richmond County

GDOT ID: 0011392

Project Description: In 2002, the MPO Commissioned development of a Master Plan for Advanced Transportation Management System (ATMS), also known as Intelligent Transportation Systems (ITS). This project would implement the first phase of this master plan in Richmond County. This initial phase would install fiber-optic infrastructure, cameras, speed-detection devices, and dynamic message boards along heavily traveled corridors. This information would then be broadcast to a management center as well as through web-based media to transportation officials, media, and the general public in order allow for informed routing decisions in order to avoid congested corridors. System would be dynamic in that it will provide routing suggestions as well as real-time video for emergency response activities in addressing incidents on the roadway system. Project is county-wide- no map included.

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	\$500,000	\$500,000	
ROW	\$50,000	\$50,000	
CST	\$4,000,000	\$4,000,000	
Total	\$4,550,000	\$4,550,000	

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.

Additional Benefits	This project would benefit the public by relieving congestion by providing real-time traffic data through cameras, speed detectors, and CMS to transportation officials, emergency responders, and the general public to aid congestion management.
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