

Carbon Dioxide Controllers

Requesting Department/Division: Facilities Maintenance
 Project Manager/Contact: Winston M. Anderson

Estimated Start Date: July 2009
 Est. Completion Date: June 2010

Project Category: Rehabilitation/Remediation

Project Status: New Project Request
 Project Number: CB0022

Project Description, Justification and Location

This project is to install Carbon Dioxide (CO2) controllers in selected Sheriff (8045 Howard Street), Administration Building (366 North Church Street), Detention Facility (950 California Avenue), and Courthouse (180 Magnolia Street) air handling units. Buildings require outside air to be introduced so that occupants of the building do not have unhealthy conditions and build up of CO2 from the presence of occupants. By installing CO2 controllers, the air handling units can introduce only the amount of outside air needed and therefore not have to cool or heat unneeded amounts of outside air. This will result in energy savings.

Benefits to Residents, Visitors, Businesses, or County Employees

The Spartanburg County Facilities, and therefore the taxpayers of Spartanburg County, will benefit from reducing utility usage.

Impact on Annual Operating Budget

Spartanburg County will realize utility savings, which will be utilized to help offset project costs.

Project Status (as of July 1, 2009)

New project request, scheduled for funding in FY 2009/10.

Project Expenditures and Funding Sources

PROJECT	TOTAL	COMMITTED	FY	FY	FY	FY	FY	FY 2010-14
PROJECT COST	FUNDING	2009/10	2010/11	2011/12	2012/13	2013/14	Totals	Totals
Carbon Dioxide Controllers								
<u>Expenditures</u>								
Planning/Design/Engineering	12,000	0	12,000	0	0	0	0	12,000
Land Acquisition/Right-of-Way	0	0	0	0	0	0	0	0
Construction/Improvements	0	0	72,000	0	0	0	0	72,000
Capital Materials/Equipment	0	0	0	0	0	0	0	0
Technology Expenditures	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total Expenditures	84,000	0	84,000	0	0	0	0	84,000
<u>Revenues</u>								
General Obligation Bond FY 2009/10	84,000	0	84,000	0	0	0	0	84,000
Total Revenues	84,000	0	84,000	0	0	0	0	84,000