

2008 Approved Topics for Research Funding

Number	Title
1.	08-CM-02 & 08-CM-06 Warm Mix Asphalt Increased Recycled Asphalt Pavement (RAP) Percentages in Asphalt Mixtures
2.	08-DRB-02 Accelerated Bridge Construction - Precast Alternate for Flat Slab Spans
3.	08-BO-02 Determining Unit Price Adjustments for Steel, Aggregate, and Cement Construction Items
4.	08-TS-01 The Relationship of SCDOT Damage Claims and Lawsuits to Roadway Engineering Safety Issues
5.	08-CM-07 Evaluation of Utility Relocation Costs
6.	08-BO-01 & 08-BO-05 South Carolina Public Transportation Return on Investment Study Meeting Public Transit Needs as Related to Tourism and Retirement
7.	08-CM-09 Evaluation of Open Graded Friction Course - Design, Construction, Maintenance and Performance
8.	08-DRB-01 Improvements to ADRS Curve Development and Selection
9.	08-MBM-03 Study of the Rate of Deterioration of Bridges and Pavements as Affected by Trucks
10.	08-TS-02 Congestion Indexing
11.	08-CM-03 Impact of Coarse Aggregate Gradation on PCC Performance Properties
12.	08-HY-01 Stormwater Monitoring at Selected Urbanized Maintenance Yards
13.	08-HY-04 Real Time Measurement of Scour Depth Around Bridge Piers and Abutments
14.	08-PDP-02 Value Engineering Analysis of the SCDOT Preconstruction Process
15.	08-PDP-03 Project & Contract Manager Development and Certification Strategy
16.	08-MBM-05 Ranking of Pavement Preservation Methods and Practices
17.	08-PDP-04 Privatizing Personnel Recruiting
18.	08-CM-01 Information Sharing on Project Schedules
19.	08-CM-11 Evaluation of High Pressure Water Directional Bores Methodology and Materials
20.	08-DRB-03 Operational and Safety Characteristics of Lane Widths
21.	08-HY-02 Improving Techniques to Estimate the Magnitude and Frequency of Floods on Urban Streams in South Carolina, North Carolina, and Georgia

Approved: _____


Deputy Secretary for Engineering

Date: _____

8/11/08