
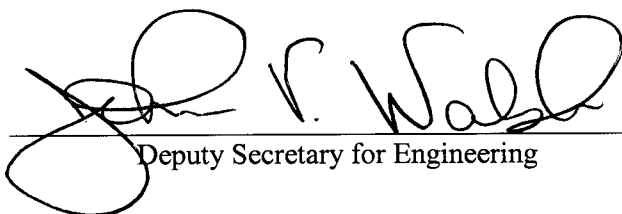


2011 Approved Topics for Research Funding

Number	Title
1.	11-CM-02 Calibration of the AASHTO Pavement Design Guide to SC Conditions - Phase I
2.	11-CM-01 The Evaluation and Specification Development of Alternate Modified Asphalt Binders in South Carolina
3.	11-MB-03 Predict/Project the Life Expectancy & Annual Cost Benefit of Pavement Preservation Treatments
4.	11-PC-01 Development of a Guidance Manual for Assessing Scour using the South Carolina Regional Bridge-Scour Envelopes
5.	11-PE-01 Develop Annual Congestion Measures using the INRIX Historical Data
6.	11-PC-02 Compliance with the Environmental Protection Agency (EPA) Effluent Limitation Guidelines – Turbidity Control
7.	11-PC-03 Compliance with the Environmental Protection Agency (EPA) Effluent Limitation Guidelines – Surface Outlets
8.	11-CM-03 Estimation of Low Temperature Properties of RAP Binder without Extraction
9.	11-CM-05 Evaluation of Cost Benefits to the DOT with increased RAP Usage
10.	11-MB-01 Development of Bridge Preservation Guide
11.	11-PE-02 A Study on Advanced Mitigation Processes within Other States & How Those DOT's Benefit from That Process
12.	11-TS-01 Support for the Development and/or Implementation of an Access Management Program/Guidelines through Research and Analysis of Collision Data
13.	11-IFBO-02 Feasibility of Establishing Intercity Passenger Rail Service Connecting Columbia and Charlotte utilizing the existing Norfolk Southern Rail Line
14.	11-PE-03 Characterization of Stormwater Runoff Constituent Loads from Bridge Decks in South Carolina and Determination of the Effects of Bridge Stormwater Runoff on Selected Receiving Waters
15.	11-TS-02 Development of Databases and Calibration Factors for HSM
16.	11-IFBO-01 Aligning the State's Transportation Infrastructure with Expansion of the Panama Canal and Associated Freight Transportation Needs
17.	11-TS-05 Applying the Methods of Nationally Proven Successful Measures in Roadway safety to Achieve the Reduction of Harmful Collisions in South Carolina
18.	11-CM-06 Innovative Embankment Design, Construction, and Acceptance*
19.	11-PC-05 Roadway Plan Development Practices for Implementing 3R Programs*

* Contingent on Available Funds


 Approved: 
 Date: 8/12/2011
 Deputy Secretary for Engineering