



South Carolina
Department of Transportation

BRIDGE DESIGN MEMORANDUM – DM0508

TO: RPG Structural Engineers
Design Consultants

DATE: August 28, 2008

RE: *SCDOT Geotechnical Design Manual* and Updated *SCDOT Seismic Design Specifications for Highway Bridges*

Effective October 1, 2008, designs for all new South Carolina Department of Transportation (SCDOT) projects shall comply with the requirements of the *SCDOT Seismic Design Specifications for Highway Bridges*, Version 2.0 and the first 12 Chapters of the *SCDOT Geotechnical Design Manual*, Version 1.0. For projects currently in the preliminary design phase (i.e., when the subsurface exploration has not been performed), the Department's Project Manager may also elect to require the use of these documents.

These documents may be purchased from the Department's Engineering Publications Office at (803) 737-4533 or at enrpubsales@dot.state.sc.us. The cost of the seismic specifications is \$25.00 per copy and the cost of Chapters 1 through 12 of the geotechnical manual is \$65.00 per copy.

Drawings 700-03 and 700-04 of the *SCDOT Bridge Drawings and Details* have been revised to reference the updated seismic specifications. Section 11.2.2 of the *SCDOT Bridge Design Manual* shall be revised as follows:

Where conflicts are observed in those publications and documents used by SCDOT, the following hierarchy of priority shall be used to determine the appropriate application:

1. Bridge Design Memorandums issued after May 2006,
2. *SCDOT Bridge Design Manual*,
3. *SCDOT Seismic Design Specifications for Highway Bridges*,
4. *SCDOT Geotechnical Design Manual*,
5. *LRFD Bridge Design Specifications*, and
6. all other publications.

As the need arises, Bridge Design Memorandums will be issued to supplement or revise the requirements of the referenced documents.

E. S. Eagle
Preconstruction Support Engineer

ESE:bwb

cc: Bridge Construction Engineer
Bridge Maintenance Engineer
Director of Traffic Engineering
FHWA Structural Engineer

File: PC/BWB

Materials and Research Engineer
Preconstruction Support Managers
Regional Production Engineers
RPG Design Managers

