



South Carolina
Department of Transportation

BRIDGE DESIGN MEMORANDUM – DM0407

TO: RPG Structural Engineers
Structural Design Consultants

DATE: December 20, 2007

RE: Review of Structural Plans and Reports by Preconstruction Support

Structural plans and reports developed by the Regional Production Groups (RPG) and their Consultants will be reviewed by the Structural Design Support Group of Preconstruction Support. The RPG should submit the following plans and reports to the Structural Design Support Engineer:

- Conceptual Bridge Plans (when applicable)
- Preliminary Bridge Plans
- 60% Bridge Plans (when applicable)
- 95% Bridge Plans
- Seismic Design Reports (when applicable)
- Preliminary Geotechnical Reports (Road and Bridge)
- Final Geotechnical Reports (Road and Bridge)
- Right of Way Plans for Retaining Walls and Culverts
- Construction Plans for Retaining Wall and Culverts
- Contractor proposed Value Engineering Plans involving Structures or Embankments

The Structural Design Support Group will review the above submittals for application of designs and for consistency with design specifications and Department policies. In-depth reviews, for both in-house and consultant submittals, should be performed by the RPG.

When requested, the Structural Design Support Group will also participate on design review teams in support of RPG design/build projects, participate on Value Engineering teams, review structural plans in response to county sales tax initiatives, review encroachment permits, and provide preliminary scoping reviews for project development and maintenance activities.

At any point during the project development process, designers may request from the Structural Design Support Group technical reviews of details or designs. For project-specific issues, Consultant designers should coordinate with the RPG when making such requests.

E. S. Eargle
Preconstruction Support Engineer

ESE:bwb
cc: Bridge Construction Engineer
Bridge Maintenance Engineer
FHWA Structural Engineer
Preconstruction Support Managers
Regional Production Engineers
RPG Design Managers



File:PC/ESE

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