



South Carolina
Department of Transportation

955 Park Street
Post Office Box 191
Columbia, South Carolina 29202-0191

Office of the Executive Director
(803) 737-1302 • Fax (803) 737-2038

State Highway Engineer
(803) 737-1314 • Fax (803) 737-2038

Chief Financial Officer
(803) 737-1240 • Fax (803) 737-2014

Director of Mass Transit
(803) 737-9720 • Fax (803) 737-9739

DM0498

July 20, 1998

MEMORANDUM TO GROUP LEADERS AND CONSULTANTS

SUBJECT: Breaking Spiral Reinforcement at Cap/Column Connection

As you are aware, Design Memo DM1097 (dated October 13, 1997) requires a detail showing a break in the spiral reinforcement where the bottom layer of cap steel passes. This detail was developed with the idea that it would be easier to construct than threading the spiral through the bottom layer of cap steel. Contractors have expressed that they were not particularly fond of the detail. Therefore for the time being, detail all bridge plans as per Design Memo 1097, but add the following note to the appropriate plan sheets:

Note: The Contractor may order WS00 and WS00 as one continuous bar and not discontinue spiral reinforcement at the cap/column connection as detailed on this sheet. Determining the length of the alternate reinforcement shall be the sole responsibility of the Contractor. This alternate reinforcement may be used at no additional expense the Department.

Randy R. Cannon
Bridge Design Engineer

cc: Assistant Bridge Design Engineers

File: PC/TBK