



South Carolina
Department of Transportation

DM0898

October 26, 1998

MEMORANDUM TO GROUP LEADERS & CONSULTANTS

SUBJECT: Printing of Completed Bridge Plans

Due to the ever-increasing cost of printing bridge plans, the requirement for printing completed bridge plans on vellum paper is rescinded immediately. Future completed plans should be printed on bond paper.

We have been assured that our prior concerns about the longevity of bond prints is no longer a problem. The cost saving of using bond prints is a considerable amount. Your cooperation in this matter is appreciated.

Randy R. Cannon, P.E.
Bridge Design Engineer

cc: Assistant Bridge Design Engineers
Project Development Engineer Kneece
Project Development Engineer Pratt
Road Design Engineer Eargle

File: PC/REL





South Carolina
Department of Transportation

BDF

DM0998

December 23, 1998

MEMORANDUM TO GROUP LEADERS & CONSULTANTS

SUBJECT: Joints in Bridge Barrier Parapet/Railing Wall

This memorandum replaces the previous March 25, 1997 memorandum.

The AASHTO LRFD Design Specifications in Article 9.4.3 states that barrier parapets should be made structurally continuous without joints between bridge deck expansion joints. Field observations of bridge projects constructed with open joints in the barrier confirm the presence of deck cracks at the joint locations.

Future projects shall be detailed without joints in the barrier parapet/railing wall except where required to match bridge deck expansion joints. Projects that are detailed need not be changed but the following note should be added to the control joint detail shown in the plans.

"At the Contractor's option, control joints may be deleted and the barrier parapet/railing wall reinforcing made continuous between the bridge deck expansion joints. All cost for this option shall be at the Contractor's expense."


Randy R. Cannon, P.E.
Bridge Design Engineer

cc: Assistant Bridge Design Engineers
File: PC/REL

