



SOUTH CAROLINA
DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
P O BOX 191
COLUMBIA, S.C. 29202

BDF
DM0793

September 30, 1993

MEMORANDUM TO DESIGN GROUP LEADERS & CONSULTANTS

SUBJECT: Concrete Barrier Parapet Reinforcement

The standard concrete barrier parapet details have been revised as shown on the attached detail. The revisions are a result of problems with insufficient concrete cover after reinforcement placement.

The detailer should pay special attention to barrier reinforcing steel placement for structures with superelevated sections as this magnifies the problems.

Plans that are completed need not be revised unless your review identifies a reinforcing problem.

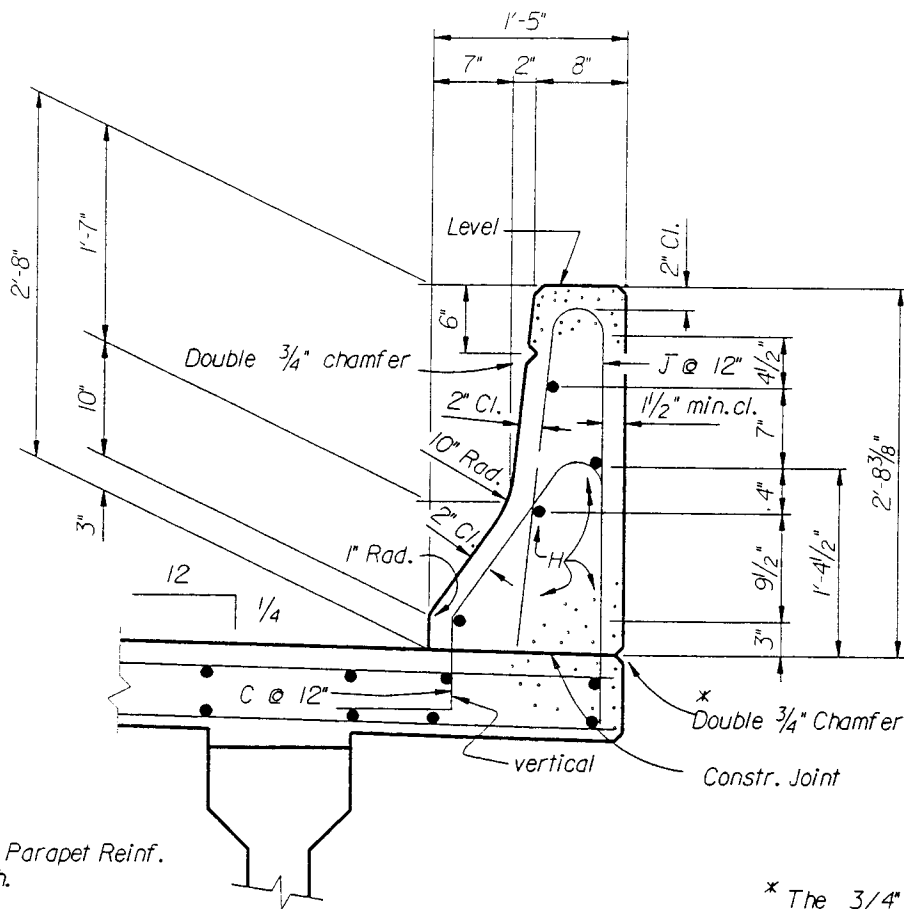
B. A. Meetze, Jr.
Bridge Design Engineer

Attachment

cc: FHWA, Mr. Schroeder
Consultants
Design Group Leaders
Assistant Bridge Design Engineer
Bridge Construction Engineer

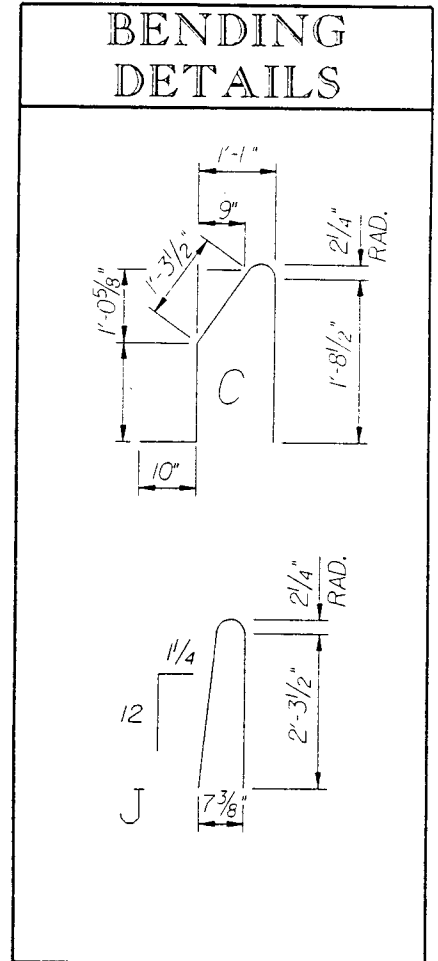
REL/slb

Note: A 1/2" extension of the concrete slab beyond the outside face of the barrier parapet will be required if the contractor elects to slip form the barrier parapets. No additional reinforcing steel is required and the payment for class "D" concrete in slab will be for quantity shown on the plans.



Note:
For Barrier Parapet Reinf.
Alternate, see sh.

* The 3/4" groove at construction joint
may be omitted when slip form is used.



BARRIER PARAPET DETAILS

REV.	
REV.	
REV.	
REVIEWED	
QUAN.	
DR.	
DES.	
BT	