



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

DM0591

August 14, 1991

MEMORANDUM TO DESIGN GROUP LEADERS AND CONSULTANTS

SUBJECT: Air-Entrainment in Prestressed Concrete

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Air-entrainment in concrete may reduce the early strength gain of the concrete. This may result in additional cure time in the precasting bed and loss of productivity in the casting operation.

The use of air-entraining admixtures in prestressed concrete shall not be required in the Special Provisions. Air-entraining admixtures may be used at the contractor's option as stated in subsection 704.02 of SCDHPT Standard Specification, Edition of 1986.

A handwritten signature in black ink, appearing to read "B. A. Meetze, Jr.", written over the typed name.

B. A. Meetze, Jr.  
Bridge Design Engineer

cc: Design Group Leaders  
Mr. Rush  
Mr. Kneece  
Mr. LaBoone  
Mr. Schroeder, FHWA  
Mr. Matthews, Bridge Construction Engineer

BAM/RLK/slb