



SOUTH CAROLINA

DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

P.O. BOX 191
COLUMBIA, S.C. 29202

March 27, 1989

MEMORANDUM TO DESIGN GROUP LEADERS

Subject: Cap Dimensions for Pile Type Bents

When using a single line of piles in a trestle type pile bent the cap dimensions listed below should be used unless conditions of loading, batter of piles or beam seat requirements indicate otherwise. This requirement applies only to those projects not previously detailed.

<u>Pile</u>	<u>Cap Width</u>	<u>Cap Depth</u>
18" Sq. Prestressed	3'-0"	2'-6"
16" Sq. Prestressed	2'-10"	2'-6"
14" Sq. Prestressed	2'-8"	2'-6"
HP12x53 or HP10x42	2'-6"	2'-6"

B. A. Meetze, Jr.
Bridge Engineer-Design

RLK/ddg